

Addendum I

From data-month September 2002 onwards, the printed ISC Bulletins have been generated directly from the ISC Relational Database.

From data-month October 2002, a new location program ISCloc has been used in operations. Also, the IASPEI standard seismic phase list has now been adopted by the ISC, please see the last pages of this Bulletin for details.

From data-month January 2003 onwards, an updated regionalisation scheme has been adopted (Young, J.B., B.W. Presgrave, H. Aichele, D.A. Wiens, E.A. Flinn The Flinn-Engdahl Regionalisation Scheme: the 1995 Revision, Physics of the Earth and Planetary Interiors 96 (1996), 223-297)

These developments have prompted the need to review and revise the format of the Bulletin.

The following example illustrates the changes :-

September 2002

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NEIC 01 18:45:41.7±1.7,21.70S×179.55W,h600km,mb4.6/6,
Error ellipse: s-maj=75.5km s-min=25.7km az=151.0
IDC 01 18:45:46.3±2.6,21.76S×179.70W,h627km,37km,mb3.5/4,
mb1 3.7/4,mb1mx3.2/14,Error ellipse: s-maj=83.2km
s-min=20.6km az=159.0
ISC 01 18:45:41.7-1.4,22.1S;02-179.3W;02,h600km,n22,
c155/24,mb4.4/9,1C, South of Fiji Islands
Code Station Name Δ° AZ° Phase ID ISC Time Res
h m s ISC
HBZ Hicks Bay 15.60 187 eP Op 18 48 53.1 -2.1
URZ Urewera 16.41 190 P P 18 49 01.5 -1.1
MRZ Mangatoinoka R 19.02 192 eP P 18 49 26.7 +0.3
DIW D'Urville Isla 19.52 195 eP P 18 49 27.3 -3.6
CAW Cannon Point 19.55 193 eP P 18 49 31.7 +0.5
OTW Orongorongo Tu 19.73 193 eP P 18 49 33.0 +0.2
MCW Moikau 19.82 192 eP P 18 49 35.5 +1.9
THZ Tophouse 20.68 197 eP P 18 49 42.0 +0.5
KHZ Kahutara 21.14 195 P P 18 49 46.2 +0.8
ARMA Armidale 27.28 246 eP P 18 50 42.4 +2.3
4.9nm,0.5s
CTA Charters Tower 32.13 267 P P 18 51 22.3 +0.5
13nm,0.5s
STKA Stephens Creek 36.00 246 eP P 18 51 55.3 +1.5
3.1nm,0.4s
ASAR Alice Springs 42.97 259 P P 18 52 50.1 +0.4
9.8nm,0.5s,baz=92,slow=8.2,SNR=47
ASAR 1.0nm,0.8s,baz=95,slow=15,SNR=5.7
ASPA Alice Springs 42.97 259 eP P 18 52 50.1 +0.4
WRA Warramunga Arr 43.18 264 P P 18 52 51.0 -0.4
1.8nm,0.3s,baz=96,slow=7.8,SNR=93
WRA 0.3nm,0.9s,baz=99,slow=14,SNR=3.0
KAKA Kakadu 46.79 273 eP P 18 53 18.2 -0.7
14nm,0.4s
FITZ Fitzroy Crossi 51.61 264 eP P 18 53 54.3 +0.1
12nm,0.3s
MBWA Marble Bar 56.31 259 eP P 18 54 27.1 -0.1
11nm,0.6s
CMAR Chiang Mai Arr 89.48 290 P P 18 57 38.1 +1.7
1.3nm,0.8s,baz=135,slow=3.1,SNR=8.1
ARCES ARCESS Array B 130.23 349 PKKP PKIKP 19 03 43.7 -1.2
0.7nm,0.6s,baz=282,slow=4.2,SNR=3.5
FINES FINES Array B 136.91 342 PKP PKIKP 19 03 57.3 -1.3
3.7nm,1.1s,baz=158,slow=3.2,SNR=5.4
MLR Muntele Rosu 148.83 325 PKPbc PKIKP 19 04 22.7 -1.0
0.2nm,0.7s,baz=1.2,slow=23,SNR=2.3

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Epicentral Estimates

Origin times - The superscripts have been removed and a simpler format adopted.

Magnitudes - All magnitudes that were reported to the ISC are now shown. Only two per agency were allowed in the past.

Error Ellipses - The keywords have been shortened.

Observational Data

The station code, station name, epicentral distance and azimuth are all shown in **bold** for Initial phases. For Secondary phases, only the station code (in normal font) is repeated.

Phase ID's - The Operator's identification is shown in normal font. The Operator's residual is no longer printed. When the arrival time of an initial or secondary phase has contributed to the location - the ISC's identification, the arrival time and the ISC's travel-time residual are all shown in **bold**.

Phase Parameters - The following parameters are included on supplementary lines where appropriate :-

Component, amplitude and period (or logA/T) - reported by the Operator.

Station magnitude estimate - computed by the ISC.

Slowness, Back-Azimuth, Signal-to-Noise ratio - measured by the Operator.

Addendum II

From data-month January 2006 the ISC hypocentres are computed using the AK135 earth velocity model (Kennett, B.L.N. Engdahl, E.R. & Buland R., 1995. Constraints on seismic velocities in the Earth from travel times, Geophys J Int, 122, 108-124; B.L.N. Kennett, 2005. Seismological tables: ak135. Research School of Earth Sciences, the Australian National University, Canberra) and then reviewed by the ISC seismologists. The ISC still produces the hypocentre solutions based on Jeffreys-Bullen travel time tables (agency code ISCJB), yet these solutions are no longer reviewed.

The ISC is planning to re-compute the entire ISC dataset using AK135 once new location procedures are designed, tested, discussed and approved by the ISC Governing Council. Until that time the automatic ISCJB locations will continue to be produced alongside the AK135 solutions to observe the long-time continuity of the ISC Bulletin.

Addendum III

From data month January 2009 the ISC hypocentres are computed using the new ISC location algorithm and all reported IASPEI seismic phases, for which ak135 predictions are available. This algorithm is described in: Bondár, I. and D.A. Storchak (2011), Improved location procedures at the International Seismological Centre, Geophys. J. Int., 186, 1220-1244, doi:10.1111/j.1365-246X.2011.05107.x

The alternative locations based on JB-tables are still produced with the original location algorithm for consistency with the past data. It is still the plan that by the middle of calendar year 2014 all ISC locations (1960-2008) are going to be re-computed with the new locatin algorithm and ak135 as part of the ISC Bulletin Re-Build project, sponsored by the US NSF and several agencies from Japan, China and India.

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2020 SEP

Table with columns for station name, elevation, wind speed, direction, and other meteorological data. Includes stations like SPN Mys Shipunski, DALK Dalny, PET Petropavlovsk, etc.

Table with columns for station name, elevation, wind speed, direction, and other meteorological data. Includes stations like YSS comp=N,400nm,5.4s, YSS comp=E,300nm,3.2s, etc.

Table with columns for station name, elevation, wind speed, direction, and other meteorological data. Includes stations like K17K comp=Z,159nm,1.1s, K17K comp=Z,159nm,18.0s, etc.

D08A	Wollman Farm,	47.80	66	P	P	00 59 53.9	-0.9
D08A	comp=Z,24nm,1.2s			Iamb	Iamb	01 00 08.6	
BUCK	Buck Mountain	47.89	72	P	P	00 59 54.1	-1.6
H04A	Detroit Lake	47.93	71	P	Iamb	00 59 54.5	-1.4
H04A	comp=Z,57nm,1.4s			Iamb	Iamb	01 00 20.2	
G05A	Wamic	47.95	69	P	P	00 59 54.7	-1.4
G05A	comp=Z,31nm,1.0s			Iamb	Iamb	01 00 04.8	
HAWA	Hanford	47.98	67	P	P	01 00 55.2	-1.0
HAWA	comp=Z,35nm,1.4s			Iamb	Iamb	01 00 07.1	
I03D	Drain, OR	48.08	72	P	P	00 59 56.0	-0.9
I03D	comp=Z,36nm,1.3s			Iamb	Iamb	01 00 12.4	
E08A	Dider Farm, EI	48.14	67	P	P	00 59 56.5	-0.9
E08A	comp=Z,27nm,1.2s			Iamb	Iamb	01 00 07.4	
F07A	Phinny Hill Vi	48.16	68	P	P	00 59 56.8	-0.8
F07A	comp=Z,65nm,1.5s			Iamb	Iamb	01 00 08.7	
G06A	Carlson Farm,	48.29	69	P	P	00 59 57.3	-1.4
G06A	comp=Z,58nm,1.9s			Iamb	Iamb	01 00 34.1	
SUMG	Summit	48.36	7	P	Pmax	00 59 57.8	-1.5
SUMG	comp=Z,51nm,1.1s			Pmax	Pmax		
SUMG	Summit	48.36	7	P	Iamb	00 59 57.8	-1.5
SUMG	comp=Z,50nm,1.1s			Iamb	Iamb	01 00 34.0	
GYA	Guiyang	48.40	251	P	P	01 00 00.8	+1.0
GYA	Jetlan, Norway	48.53	340	P	P	01 00 05.9	+2.7
GYA	Kautokaino	48.53	342	S	SS	01 07 05.6	+5.1
GYA	Wood Farm, Sta	48.56	66	P	Pmax	01 10 20.5	-9.3
GYA	comp=Z,130nm,0.9s			pmax	pmax		
GYA	comp=Z,990nm,5.0s			L	L		
GYA	comp=Z,4um,16.2s			L	L		
GYA	comp=Z,4um,12.0s			L	L		
GYA	comp=Z,6um,13.3s			L	L		
I04A	Tendick Farm,	48.47	72	P	P	00 59 58.8	-1.3
I04A	comp=Z,25nm,1.1s			Iamb	Iamb	01 00 14.3	
LDM	Libby Dam	48.48	62	P	P	00 59 58.5	-1.6
YPT	Yellepit	48.51	67	P	P	00 59 59.1	-1.2
YPT	comp=Z,38nm,1.3s			Iamb	Iamb	01 00 10.9	
TDK	Taldyogorhan	48.51	291	eP	P	01 00 01.3	+0.9
TDK	comp=Z,12nm,0.9s			eS	LR		
TDK				LR	LR	01 07 01.0	-0.5
JETT	comp=Z,4um,12.7s			S	S	01 20 49.8	
KT1K	Jetlan, Norway	48.53	342	eP	P	01 00 00.2	+0.1
E09A	Kautokaino	48.53	340	eP	P	01 00 00.1	+0.1
E09A	Wood Farm, Sta	48.56	66	P	P	00 59 59.9	-0.8
E09A	comp=Z,52nm,1.3s			Iamb	Iamb	01 00 11.3	
WIFE	Three Sisters-	48.57	71	P	P	00 59 59.7	-1.3
WIFE	comp=Z,24nm,1.0s			Iamb	Iamb	01 00 12.7	
I05D	Terrebonne, OR	48.60	70	P	P	00 59 59.7	-1.4
I05D	comp=Z,69nm,1.8s			Iamb	Iamb	01 00 37.2	
TRO	Tromso	48.69	343	eP	P	01 00 02.0	+0.6
LNOR	Linton Mounta	48.96	67	P	P	01 00 03.0	-0.9
ARTI	Arti	48.97	314	P	P	01 00 03.4	-0.2
ARTI	comp=Z,58nm,1.1s,baz=54,slow=4,1,SNR=54			LR	LR	01 22 59.8	
ARTI	Arti	48.97	314	eP	P	01 00 04.1	+0.5
ARTI	comp=Z,58nm,1.1s			eP	Pmax		
ARTI	Arti	48.97	314	P	P	01 00 03.2	-0.5
BBOR	Butler Butte	49.00	73	P	P	01 00 02.9	-1.5
J04A	Umpqua Nationa	49.02	72	P	P	01 00 02.9	-1.6
G05A	Pilot Rock	49.06	68	P	P	01 00 02.2	-2.5
L02F	Cave Junction	49.12	74	P	P	01 00 03.8	-1.3
L02F	comp=Z,4um,14.3s			Iamb	Iamb	01 00 16.5	
KSXB	Camp Six Broad	49.19	74	P	P	01 00 04.8	-0.9
KSXB	comp=Z,39nm,1.4s			Iamb	Iamb	01 00 36.5	
KSXB	comp=Z,73nm,1.4s			IAMS_20	IAMS_20	01 17 28.0	
PINE	Pine Mountain	49.20	70	P	P	01 00 05.3	-0.5
PINE	comp=Z,45nm,1.0s			Iamb	Iamb	01 00 17.8	
PDGK	Podgornoye	49.21	289	P	P	01 00 05.4	-0.4
SHLS	Shalkode	49.35	289	eP	P	01 00 06.1	-0.8
F10A	Beach Ranch, E	49.39	66	P	P	01 00 06.7	-0.5
F10A	comp=Z,32nm,1.1s			Iamb	Iamb	01 00 17.9	
KRMB	Red Mountain	49.40	75	P	P	01 00 05.2	-2.1
KRMB	comp=Z,4um,22.0s			IAMS_20	IAMS_20	01 17 20.6	
JTMT	Jette	49.48	62	P	P	01 00 07.9	0.0
KPKS	Kokpek	49.50	289	eP	P	01 00 09.0	+1.0
UZB	Uzynbulak	49.57	289	eP	Pmax	01 00 08.7	0.0
UZB	comp=Z,25nm,1.3s			pmax	pmax		
UZB	Uzynbulak	49.57	289	iP	P	01 00 09.6	+0.9
K04D	Chloquin, OR	49.66	72	P	P	01 00 08.0	-1.3
L04D	Klamath Falls	49.68	73	P	P	01 00 09.4	-0.1
L04D	comp=Z,55nm,1.0s			Iamb	Iamb	01 00 21.3	
YBH	Yreka Blue Hor	49.84	74	LR	LR	01 18 37.3	
YBH	comp=Z,5um,21.4s,baz=33,slow=33			LR	LR		
YBH	Yreka Blue Hor	49.84	74	P	Pmax	01 00 09.7	-1.0
YBH	comp=Z,24nm,1.3s			pmax	pmax		
YBH	Yreka Blue Hor	49.84	74	P	P	01 00 09.7	-1.0
JCC	Jacoby Creek,	49.86	75	P	P	01 01 16.9	
JCC	comp=Z,3um,18.0s			IAMS_20	IAMS_20		
KHMM	Horse Mountain	49.97	75	P	P	01 00 10.5	-1.2
KHMM	comp=Z,54nm,1.1s			Iamb	Iamb	01 00 24.1	
KHMM	comp=Z,4um,18.0s			IAMS_20	IAMS_20	01 21 30.7	
K05A	Summer Lake	50.01	71	P	P	01 00 10.9	-1.1
M02C	Callahan	50.02	74	P	P	01 00 10.4	-1.6
M02C	comp=Z,5um,22.0s			IAMS_20	IAMS_20	01 18 08.2	
MSF	Maassella	50.10	336	P	P	01 00 12.6	+0.4
MSF	comp=Z,49nm,2.1s			P	P	01 00 12.6	+0.4
BMO	Blue Mountains	50.18	67	P	P	01 00 12.8	-0.4
BMO	comp=Z,21nm,1.1s			pmax	pmax		
BMO	Blue Mountains	50.18	67	P	P	01 00 12.8	-0.4
BMO	comp=Z,46nm,1.1s			IAMS_20	IAMS_20	01 20 40.3	
M50	Missoula	50.31	63	P	P	01 00 13.4	-0.7
M50	comp=Z,6um,21.0s			IAMS_20	IAMS_20	01 24 24.8	
KUU	Kurty	50.33	291	eP	LR	01 00 15.2	+1.0
KUU	comp=Z,2um,12.1s			LR	LR	01 21 54.5	
PRZ	Przheval'sk	50.37	289	P	Pmax	01 00 14.8	0.0
PRZ	comp=Z,69nm,1.2s			pmax	pmax		
PRZ	Przheval'sk	50.37	289	P	P	01 00 14.8	0.0
PRZ	comp=Z,69nm,1.2s			Iamb	Iamb	01 00 18.3	
KHBM	Hayfork Bally	50.39	75	IAMS_20	IAMS_20	01 17 49.8	
KHBM	comp=Z,4um,22.0s			IAMS_20	IAMS_20		
KMRM	Mali Ridge	50.47	76	P	P	01 00 14.2	-1.3
KMRM	comp=Z,56nm,1.3s			Iamb	Iamb	01 00 27.3	
M03C	McCloud	50.48	74	P	P	01 00 15.0	-0.4
M03C	comp=Z,40nm,1.3s			Iamb	Iamb	01 00 37.2	
KIRV	Kirov	50.49	320	P	P	01 00 15.4	+0.2
KIRV	comp=Z,21nm,0.7s,baz=1.6,slow=1.7,SNR=17			LR	LR	01 25 19.6	
KIRV	comp=Z,8um,18.3s,baz=36,slow=40			LR	LR		
KIRV	comp=Z,21nm,0.7s			P	P	01 00 15.8	+0.6

MDOK	Medeo	50.53	290	eP	P	01 00 16.6	+0.7
MDOK	comp=Z,1um,12.0s			eS	LR	01 07 29.3	-0.8
MDOK				LR	LR	01 22 02.9	
AAA	Alma-Ata	50.56	290	eP	P	01 00 17.0	+0.9
AAA	comp=Z,37nm,1.0s			LR	LR	01 22 02.9	
AAA	comp=Z,6um,15.5s			LR	LR		
BTLS	Baital	50.58	294	eP	Pmax	01 00 17.1	+1.0
BTLS	comp=Z,5.0nm,0.7s			Pmax	Pmax		
BTLS	Baital	50.58	294	eP	P	01 00 17.1	+1.0
BTLS	comp=Z,5.0nm,0.7s			eS	S	01 07 30.0	-0.4
PLID	Pearl Lake	50.63	66	P	Iamb	01 00 16.2	-0.5
PLID	comp=Z,45nm,1.4s			Iamb	Iamb	01 00 27.4	
PLID	comp=Z,5um,20.0s			IAMS_20	IAMS_20	01 24 35.2	
TNSS	Tian-Shan	50.67	290	eP	P	01 00 17.7	+0.4
J08A	Circle Bar Ran	50.72	69	P	P	01 00 16.8	-0.6
STEI	Steigen	50.81	343	eP	P	01 00 17.4	-0.1
PZH	Panzhihua	50.83	256	P	S	01 00 19.1	+0.8
PZH	comp=Z,70nm,1.2s			Pmax	Pmax	01 07 35.6	+1.2
PZH	comp=Z,3um,15.2s			L	L		
PZH	comp=Z,2um,13.1s			L	L		
PZH	comp=Z,3um,15.5s			L	L		
LOF	Lofoten	50.87	344	eP	P	01 00 17.8	-0.1
MOD	Modoc Plateau	50.91	72	P	P	01 00 18.6	-0.2
MOD	comp=Z,4um,20.0s			IAMS_20	IAMS_20	01 21 38.7	
WUS	Wushi	50.93	287	P	P	01 00 19.8	+0.8
WUS	comp=Z,895nm,comp=Z,55nm,1.5s			comp=Z,55nm,1.5s	comp=Z,55nm,1.5s		
KCPM	Cahto Peak	50.94	76	P	P	01 00 16.8	-2.2
KCPM	comp=Z,55nm,1.3s			Iamb	Iamb	01 00 18.7	
KCPM	comp=Z,55nm,1.3s			IAMS_20	IAMS_20	01 22 22.4	
LYMT	Lyon Mountain	50.96	62	P	P	01 00 19.4	+0.2
O02D	Mt. Diablo Mer	50.97	75	P	P	01 00 18.6	-0.6
O02D	comp=Z,4um,22.0s			IAMS_20	IAMS_20	01 18 20.2	
HATC	Hat Creek Radi	51.15	73	P	P	01 00 20.0	-0.6
HATC	comp=Z,68nm,1.3s			Iamb	Iamb	01 00 35.1	
HATC	comp=Z,5um,21.0s			IAMS_20	IAMS_20	01 18 57.0	
KDJ	Kajisay	51.24	289	P	Pmax	01 00 21.1	-0.2
KDJ	comp=Z,43nm,1.2s			Pmax	Pmax		
KDJ	Kajisay	51.24	289	P	Iamb	01 00 21.1	-0.2
KDJ	comp=Z,43nm,1.2s			Iamb	Iamb	01 00 21.1	-0.2
FAUS	Fauske	51.31	343	eP	P	01 00 21.4	+0.2
EGMT	Eagleton	51.33	59	P	P	01 00 21.5	-0.2
EGMT	comp=Z,30nm,0.9s			Iamb	Iamb	01 00 29.5	
WVOR	Wild Horse Val	51.33	70	P	Pmax	01 00 21.6	-0.3
WVOR	comp=Z,25nm,0.9s			Pmax	Pmax		
WVOR	Wild Horse Val	51.33	70	P	P	01 00 21.6	-0.3
WVOR	comp=Z,634nm,comp=Z,31nm,0.9s			P	P	01 00 23.1	+1.2
O03E	Paynes Creek	51.38	74	P	P	01 00 20.7	-1.5
O03E	comp=Z,47nm,1.1s			Iamb	Iamb	01 00 33.6	
TKM2	Tokmak 2	51.42	291	P	P	01 00 22.7	+0.1
TKM2	SNR=18			P	P		
KM12	Kunming	51.44	254	iP	sP	01 00 24.2	+1.2
KM12	comp=Z,72nm,1.2s			sP	sP	01 00 29.5	+3.0
KM12	comp=Z,72nm,1.2s			SS	SS	01 07 43.7	+0.6
KM12	comp=Z,72nm,1.2s			SS	SS	01 11 14.9	-3.7
KM12	comp=Z,460nm,5.4s			pmax	pmax		
KM12	comp=Z,4um,13.6s			L	L		
KM12	comp=Z,4um,14.3s			L	L		
KM12	comp=Z,4um,14.1s			L	L		
OUL	Oulu	51.47	337	P	P	01 00 21.9	-0.6
OUL	comp=Z,31nm,1.0s			P	P	01 00 21.9	-0.6
SGDS	Sogindy	51.49	292	iP	P	01 00 23.9	+0.8
BUT	Butte	51.55	63	P	P	01 00 23.1	-0.5
BOOM	Boomskeye usch	51.57	290	P	Pmax		

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NVAR	comp=Z,12nm,0.9s,baz=303,slow=7.1,SNR=34	LR	LR	01 21 32.9
NVAR	comp=Z,4um,21.8s,baz=338,slow=33			
NVAR	comp=Z,12nm,0.9s	54.55	73 P	01 00 45.7 -0.1
LHV	Little Hutton	54.59	73 P	01 00 46.3 +0.6
LHV			Iamb	01 01 01.9
BBG	comp=Z,49nm,1.1s	54.60	77 P	01 00 45.4 -0.7
BBG	Big Mountain B	54.62	73 P	01 00 45.1 -1.2
NV11	Mina Array Sit		Iamb	01 00 57.9
FI1	comp=Z,27nm,1.1s	54.65	334 P	01 00 45.5 -0.4
FINES	FINES Array S	54.65	334 P	01 00 45.6 -0.4
FINES	FINES Array B			
FINES	comp=Z,20nm,0.7s,baz=24,slow=5.0,SNR=46		LR	01 28 20.1
FINES	comp=Z,2um,18.0s,baz=26,slow=41	54.65	334 P	01 00 45.2 -0.7
FINES	FINES Array B		pmax	
FINES	comp=Z,20nm,0.7s		pmax	
FINES	comp=Z,20nm,0.7s	54.65	334 P	01 00 45.3 -0.7
HVU	Hansel Valley	54.66	66 P	01 00 46.2 -0.4
HVU			pmax	
HVU	comp=Z,19nm,1.0s	54.66	66 P	01 00 46.2 -0.4
IUG	Iuzhny	54.68	294 eP	01 00 47.1 +0.5
IUG			pmax	
IUG	comp=Z,89nm,1.3s	54.68	294 eP	01 00 47.6 +1.0
IUG	Iuzhny			
AHID	comp=Z,37nm,1.1s	54.70	64 P	01 00 45.9 -1.0
AHID	Auburn Hatcher		IAMS_20	01 25 38.9
AHID			IAMS_20	
AHID	comp=Z,4um,20.0s	54.70	64 P	01 00 47.8 +1.0
AHID	Auburn Hatcher			
CHM	comp=Z,17nm,1.7s	54.75	295 eP	01 00 48.0 +1.0
CHM	Chimkent			
CHM	comp=Z,17nm,0.9s		LR	01 24 35.3
CHM				
MDPB	comp=Z,3um,14.4s	54.78	74 P	01 00 46.9 -0.6
MDPB	Devils Postpil		Iamb	01 00 59.5
MDPB				
Q09A	comp=Z,48nm,1.3s	54.79	72 P	01 00 46.4 -1.1
H3LI	Fort Hunter Li	54.94	77 P	01 00 47.3 -1.1
H3LI			IAMS_20	01 26 26.2
PMPB	comp=Z,3um,18.0s	55.01	77 P	01 00 46.8 -2.3
BGU	Monarch Peak	55.20	67 P	01 00 49.7 -0.8
TEZP	Big Grassy Mout	55.25	265 eP	01 00 48.0 -3.2
PKD	Bear Valley Ra	55.35	77 P	01 00 50.9 -0.5
PKD			Iamb	01 01 02.9
TPH	comp=Z,38nm,1.2s	55.36	72 P	01 00 51.0 -0.7
TPH	Toponah		Iamb	01 01 03.7
TPH			Iamb	
HWUT	comp=Z,44nm,1.0s	55.37	66 P	01 00 51.5 -0.2
HWUT	Hardware Ranch		Iamb	01 01 07.3
HWUT			Iamb	
HWUT	comp=Z,33nm,1.1s	55.37	66 P	01 00 53.2 +1.5
HWUT	Hardware Ranch			
HWUT	comp=Z,731nmcomp=Z,29nm,1.4s	55.42	63 P	01 00 50.8 -1.3
BW06	Boulder Array		Iamb	01 01 03.2
BW06			Iamb	
BW06	comp=Z,32nm,1.3s		IAMS_20	01 27 31.0
BW06			IAMS_20	
PD31	comp=Z,5um,18.0s	55.42	63 P	01 00 51.4 -0.7
PDAR	Pinedale Array	55.42	63 P	01 00 52.4 +0.3
PDAR			LR	01 27 42.4
PDAR	comp=Z,9.0nm,0.9s,baz=330,slow=2.5,SNR=48		LR	01 27 42.4
PDAR				
PDAR	comp=Z,3um,18.4s,baz=332,slow=40	55.42	63 P	01 00 51.2 -0.9
ULM	Pinedale Array	55.45	49 P	01 00 51.7 -0.2
ULM	Lac du Bonnet			
ULM	comp=Z,18nm,1.0s,baz=321,slow=4.3,SNR=10		LR	01 24 58.5
ULM				
ULM	comp=Z,3um,18.2s,baz=322,slow=36	55.45	49 P	01 00 51.4 -0.5
ULM	Lac du Bonnet		Iamb	01 00 55.1
DSP	comp=Z,50nm,1.3s	55.53	74 P	01 00 53.2 +0.5
DSP	Deep Springs		Iamb	01 01 05.0
TIN	comp=Z,33nm,1.1s	55.65	74 P	01 00 51.6 -2.1
TIN	Tinemaha, Big		pmax	
TIN			pmax	
TIN	comp=Z,73nm,1.1s	55.65	74 P	01 00 51.6 -2.1
TIN	Tinemaha, Big			
MDND	comp=Z,5um,20.0s	55.85	53 P	01 00 53.8 -1.0
MDND	Madcock		IAMS_20	01 25 19.5
MDND			IAMS_20	
DUG	comp=Z,5um,20.0s	55.87	68 P	01 00 53.8 -1.5
DUG	Dugway, Tootle		pmax	
DUG			pmax	
DUG	comp=Z,47nm,1.3s	55.87	68 P	01 00 53.8 -1.5
DUG	Dugway, Tootle		Iamb	01 01 06.9
DUG			Iamb	
DUG	comp=Z,47nm,1.3s		IAMS_20	01 26 56.9
DUG			IAMS_20	
DUG	comp=Z,4um,19.0s	55.87	68 P	01 00 56.2 +0.9
DUG	Dugway, Tootle			
DUG	comp=Z,771nmcomp=Z,29nm,1.3s	55.89	291 P	01 00 54.8 -0.8
DRK	Karamyk		pmax	
DRK			pmax	
DRK	comp=Z,47nm,1.2s	55.89	291 P	01 00 54.8 -0.8
DRK	Karamyk		Iamb	01 00 58.6
DRK			Iamb	
BTK	comp=Z,47nm,1.2s	55.92	292 P	01 00 54.9 -0.6
BTK	Batken		pmax	
BTK			pmax	
BTK	comp=Z,235nm,1.7s	55.92	292 P	01 00 54.9 -0.6
BTK	Batken			
BTU	comp=Z,65nm,1.4s	55.99	67 P	01 00 55.4 -0.8
BTU	Camp Tracy			
BELG	Belogornoye	56.03	317 P	01 00 55.2 -0.8
BELG				
BELG	comp=Z,178nm,1.0s,baz=133,slow=1.2,SNR=40		LR	01 25 30.0
BELG			LR	
BELG	comp=Z,3um,21.6s,baz=40,slow=37	56.03	317 P	01 00 56.1 +0.1
BELG	Belogornoye		pmax	
BELG			pmax	
GRAC	comp=Z,31nm,1.0s	56.13	73 P	01 00 57.2 +0.2
GRAC	Grapevine Rang		Iamb	01 01 13.0
GRAC			Iamb	
VES	comp=Z,65nm,1.4s	56.17	76 P	01 00 56.4 -0.8
VES	Vestal, Richgr		Iamb	01 01 12.0
IMP	comp=Z,66nm,1.3s	56.18	262 eP	01 00 55.6 -2.0
IMP	Imphal		Iamb	01 00 57.9
CWC	comp=Z,18nm,1.2s	56.20	74 P	01 00 56.8 -0.9
CWC	Cottonwood Cre		IAMS_20	01 23 42.7
CWC			IAMS_20	
E28A	comp=Z,3um,21.0s	56.39	55 P	01 00 59.5 +0.7
NLU	Huff	56.41	67 P	01 00 59.8 +0.6
NLU	North Lily Min		Iamb	01 01 02.6
ARB	comp=Z,26nm,1.0s	56.46	333 P	01 00 59.2 +0.3
ARB	Arbavere			
MOS	comp=Z,200nm,0.9s	56.56	325 eP	01 00 59.9 +0.2
MOS	Moscow		eS	01 08 53.1 +2.0
MOS			pmax	
MOS	comp=Z,66nm,1.4s		pmax	
MOS	comp=N,51nm,1.0s		pmax	
MPU	Maple Canyon	56.58	67 P	01 01 00.2 -0.2
MPU			Iamb	01 01 09.2
BSUT	comp=Z,37nm,1.3s	56.59	66 P	01 01 01.0 +0.4
BSUT	Blindstream Ca		Iamb	01 01 12.5
BSUT			Iamb	
ISA	comp=Z,66nm,1.3s	56.62	75 P	01 01 00.0 -0.5
ISA	Isabella, Lake		pmax	
ISA			pmax	
ISA	comp=Z,13nm,1.1s	56.62	75 P	01 01 00.0 -0.5
ISA	Isabella, Lake			
WCT	comp=Z,66nm,1.3s	56.66	73 P	01 01 00.3 -0.5
WCT	Wildcat Mount			
PSUT	comp=Z,66nm,1.3s	56.66	70 P	01 01 00.3 -0.7
PSUT	Pine Spring		Iamb	01 01 16.4
TPNV	comp=Z,25nm,0.9s	56.72	73 P	01 01 00.8 -0.6
TPNV	Topopah Spring		pmax	
TPNV			pmax	
TPNV	comp=Z,28nm,1.0s	56.72	73 P	01 01 00.8 -0.6
TPNV	Topopah Spring		Iamb	01 01 13.1
TPNV			Iamb	
TPNV	comp=Z,28nm,0.9s		IAMS_20	01 22 28.4
TPNV			IAMS_20	
EPLO	comp=Z,3um,22.0s	56.75	48 P	01 01 00.3 -0.9
EPLO	Experimental L			

FURC	Furnace Creek,	56.79	73 P	01 01 02.2 +0.6
FURC			Iamb	01 01 17.4
FURC	comp=Z,48nm,1.3s		IAMS_20	01 24 23.3
FURC			IAMS_20	
MPMC	Manual Prospe	56.80	74 P	01 01 01.1 -0.9
MPMC			IAMS_20	01 24 11.5
RSSD	comp=Z,3um,21.0s	56.88	59 P	01 01 02.2 -0.3
RSSD	Black Hills		pmax	
RSSD	comp=Z,46nm,1.3s		MLR	01 01 02.2 -0.3
RSSD			MLR	
RSSD	comp=Z,4um,20.0s	56.88	59 P	01 01 02.2 -0.3
RSSD	Black Hills		Iamb	01 01 13.4
RSSD			Iamb	
RSSD	comp=Z,46nm,1.2s	56.88	59 IAMS_20	01 25 16.6
RSSD	Black Hills		IAMS_20	
RSSD	comp=Z,4um,20.0s	56.88	59 P	01 01 03.3 +0.9
RSSD	Black Hills			
K22A	comp=Z,37nm,1.4s	56.91	61 P	01 01 02.4 -0.2
CLC	Casper	56.94	74 P	01 01 02.8 0.0
CLC	China Lake		pmax	
PRN	China Lake	56.94	74 P	01 01 02.8 0.0
PRN	Pahroc Range	56.95	71 P	01 01 03.4 +0.3
PRN			Iamb	01 01 15.4
MOL	comp=Z,41nm,1.0s	56.97	345 eP	01 01 02.7 +0.1
AGMN	Molde	57.02	50 P	01 01 02.7 -0.4
AGMN	Agassiz Nation		IAMS_20	01 29 24.4
AGMN			IAMS_20	
AGMN	comp=Z,4um,18.0s	57.02	50 P	01 01 03.6 +0.5
AGMN	Agassiz Nation			
GWY	comp=Z,32nm,1.2s	57.11	73 P	01 01 03.9 -0.2
GWY	Greenwater Val		Iamb	01 01 19.6
RDMU	comp=Z,51nm,1.6s	57.12	65 P	01 01 04.3 0.0
RDMU	Red Mountain		Iamb	01 01 09.3
VSU	comp=Z,25nm,0.9s	57.15	332 eP	01 01 03.1 -0.7
VSU	Vasula		pmax	
VSU	comp=Z,48nm,1.0s	57.15	332 P	01 01 03.3 -0.6
VSU	Vasula			
LRMC	comp=Z,64nm,1.0s	57.16	75 P	01 01 03.9 -0.6
LRMC	Laurel Mtn Rad			
QSM	comp=Z,25nm,1.0s	57.18	74 P	01 01 04.0 -0.5
QSM	Queen of Sheba		Iamb	01 01 16.8
DOMB	comp=Z,25nm,1.0s	57.24	344 eP	01 01 04.2 -0.5
DOMB	Dombas			
CCCA	comp=Z,47nm,1.3s	57.28	69 P	01 01 04.5 -1.0
CCCA	Chr Cany lake		Iamb	01 01 20.1
TCRU	comp=Z,55nm,1.3s	57.28	69 P	01 01 04.5 -1.0
TCRU	Three Creeks R		Iamb	01 01 20.9
ALCI	comp=Z,55nm,1.3s	57.34	283 eP	01 01 02.8 -3.2
ALCI	Alchi Leh		Iamb	01 01 07.8
ALCI			Iamb	
TMUT	comp=Z,15nm,0.4s	57.34	67 P	01 01 04.7 -1.3
TMUT	Trail Mountain		Iamb	01 01 17.6
EVN	comp=Z,36nm,1.1s	57.35	271 P	01 01 05.3 -1.2
EVN	Everest		Iamb	01 01 11.1
EVN	comp=Z,34nm,1.0s	57.35	271 P	01 01 07.0 +0.5
EVN	Everest			
EVN	comp=Z,457nmcomp=Z,332nm,1.2s	57.35	76 P	01 01 05.0 -0.8
EVN	Trope Hills			
TPO	comp=Z,26nm,0.8s,baz=25,slow=1.3,SNR=17	57.41	325 P	01 01 05.1 -0.6
OBN	Obninsk		LR	01 28 07.9
OBN			LR	
OBN	comp=Z,26nm,0.8s,baz=25,slow=38	57.41	325 eP	01 01 03.6 -2.1
OBN	Obninsk			

BC3		IAMS_20	IAMS_20	01 26 26.8					
SALN	Salton City	59.75 75	P	P	01 01 22.2 -0.2				
NIL	Nilore	59.77 286	P	P	01 01 22.7 +0.2				
NIL	Nilore	59.77 286	P	P	01 01 22.7 +0.2				
NIL	comp=Z,79nm,0.8s		pmx	pmx					
NIL	comp=Z,4.4m,22.0s		MLR	MLR					
NIL	Nilore	59.77 286	P	P	01 01 22.0 -0.6				
NIL	Nilore	59.77 286	IAMS_20	IAMS_20	01 28 47.9				
NIL	Nilore	59.77 286	P	P	01 01 22.9 +0.3				
SMLR	Stroomstad	59.80 341	P	P	01 01 22.2 -0.1				
STRA	Simla	59.80 281	eP	P	01 01 20.3 -2.5				
BAR	Barrett	59.88 76	P	P	01 01 21.8 -1.6				
K30B	Basset	59.97 57	P	P	01 01 23.3 -0.6				
BHK	Bhakra	59.98 282	eP	IAMB	01 01 19.5 -4.6				
BHK			IAMB	IAMB	01 01 25.3				
E38A	The Farm, Brul	60.09 49	P	P	01 01 22.9 -1.7				
E38A			IAMS_20	IAMS_20	01 27 29.9				
BLVC	Blythe	60.11 74	P	P	01 01 24.9 +0.1				
BLVC			IAMB	IAMB	01 01 36.6				
BL5S	Blasio	60.15 344	eP	P	01 01 25.0 +0.1				
CBX	Cerro Bola	60.18 76	P	P	01 01 24.1 -1.4				
WUJAZ	Wupatki	60.26 70	IAMB	IAMB	01 01 26.1 0.0				
WUJAZ			IAMB	IAMB	01 01 38.6				
WUJAZ	comp=Z,36nm,1.1s		IAMS_20	IAMS_20	01 26 14.0				
YUH	Yutha Desert	60.29 75	P	P	01 01 26.6 +0.5				
MVCO	Mesa Verde	60.30 67	P	P	01 01 27.0 +0.6				
MVCO			IAMB	IAMB	01 01 40.8				
MVCO	Mesa Verde	60.30 67	P	P	01 01 27.7 +1.3				
OGNE	Ogallala	60.30 59	P	P	01 01 26.1 -0.1				
OGNE			IAMB	IAMB	01 01 34.6				
MNK	Minsk	60.39 330	d/P	P	01 01 27.0 +0.5				
ECSD	EROS Data Cent	60.40 54	P	P	01 01 26.0 -0.7				
ECSD			IAMB	IAMB	01 01 30.4				
ECSD	EROS Data Cent	60.40 54	IAMS_20	IAMS_20	01 29 16.8				
ECSD	EROS Data Cent	60.40 54	P	P	01 01 27.1 +0.3				
PABE	Paberze	60.48 332	P	P	01 01 26.5 -0.6				
PABE			IAMS_20	IAMS_20	01 28 19.4				
PABE	Paberze	60.48 332	P	P	01 01 27.0 0.0				
S22A	4UR Ranch, Cre	60.66 65	P	P	01 01 28.5 -0.5				
S22A			IAMB	IAMB	01 01 44.8				
S22A	comp=Z,26nm,1.2s		IAMS_20	IAMS_20	01 31 01.7				
TJOU	Tjoern	60.67 341	i/P	P	01 01 29.0 +0.7				
Y14A	Wickenburg	60.72 72	eP	P	01 01 29.0 +0.7				
GAYA	Gaya	60.73 270	eP	IAMB	01 01 28.6 -2.6				
GAYA			IAMB	IAMB	01 01 30.8				
SPMN	Marine on St.	60.74 50	P	P	01 01 28.3 -0.7				
SPMN			IAMB	IAMB	01 02 09.3				
SPMN	comp=Z,33nm,1.4s		IAMS_20	IAMS_20	01 28 24.9				
ESJX	Sierra Juarez	60.79 76	P	P	01 01 28.6 -1.2				
ESJX			IAMB	IAMB	01 01 41.3				
SCHQ	Schefferville	60.90 28	P	P	01 01 29.1 -0.9				
SCHQ	comp=Z,8.7nm,0.8s,baz=293,slow=4.7,SNR=6.5		LR	LR	01 30 41.8				
HOMB	Homborsund	60.95 343	i/P	P	01 01 31.4 +1.1				
SNART	Snartemo	61.09 343	i/P	P	01 01 31.0 -0.1				
X16A	Lo Mia Camp, P	61.10 71	P	P	01 01 31.5 -0.4				
KBL	Kabul	61.14 290	P	P	01 01 30.7 -1.5				
KBL			S	S	01 09 51.8 +0.1				
KBL	Kabul	61.14 290	P	P	01 01 30.4 -1.8				
KBL	Kabul	61.14 290	P	P	01 01 31.4 -0.8				
KBL	Kabul	61.14 290	P	P	01 01 31.4 -0.8				
ONAU	Onsala	61.22 340	i/P	P	01 01 31.7 -0.4				
N13CA	Mohawk Valley,	61.27 74	P	P	01 01 32.4 -0.4				
SDCO	Great Sand Dun	61.28 64	IAMB	IAMB	01 01 32.9 -0.3				
SDCO			IAMS_20	IAMS_20	01 28 29.2				
MANU	Manus Island	61.35 193	P	P	01 01 31.6 -1.8				
VTX	Valle De La Tr	61.37 76	P	P	01 01 32.7 -0.8				
VTX			IAMB	IAMB	01 02 15.8				
W18A	Petrified Fore	61.38 69	P	P	01 01 33.1 -0.6				
W18A			IAMB	IAMB	01 01 37.3				
ASOR	Ausora	61.39 279	eP	IAMB	01 01 31.1 -2.5				
ASOR			IAMB	IAMB	01 01 39.9				
FABU	Falkenberg	61.46 340	i/P	P	01 01 32.6 -1.0				
I37A	Lemond, Waseca	61.49 51	P	P	01 01 33.3 -0.8				
BLEU	Blekinge	61.53 338	i/P	P	01 01 33.4 -0.7				
KSCCO	Keyes Redlock'	61.59 61	eP	P	01 01 34.9 -0.2				
BGNE	Belgrade	61.64 56	P	P	01 01 35.2 0.0				
G40A	Rib Lake	61.73 49	P	P	01 01 34.8 -1.0				
NDI	New Delhi	61.74 279	eP	P	01 01 33.5 -2.5				
X18A	Snowflake	61.74 70	P	P	01 01 36.1 -0.1				
DEL	Delary	61.75 339	i/P	P	01 01 35.3 -0.3				
NPLP	NPLP New Delhi	61.80 279	eP	IAMB	01 01 34.4 -2.4				
NPLP			IAMB	IAMB	01 01 36.7				
LDR	Lodi Road	61.82 279	eP	P	01 01 34.0 -2.5				
LDR			IAMB	IAMB	01 01 34.4				
MYLDM	Lahad Datu	61.89 227	P	P	01 01 36.2 -0.9				
MYLDM			IAMB	IAMB	01 02 51.5				
MYLDM	comp=Z,27nm,1.2s		P	P	01 01 39.0 +1.9				
L34A	Lahad Datu	61.94 55	P	P	01 01 35.7 -1.6				
L34A			IAMB	IAMB	01 01 39.3				
GOET	G?7trrup	62.02 342	i/P	P	01 01 38.0 +0.5				
GOET			IAMB	IAMB	01 01 43.2				
SUW	Suwalki	62.02 332	eP	L	01 01 35.5 -2.0				
SUW			P	P	01 29 08.3				
SUW	Suwalki	62.02 332	P	MLR	01 01 35.4 -2.2				
SUW			MLR	MLR					
SUW	comp=Z,5.0m,20.0s		P	P	01 01 35.4 -2.2				
SUW	Maple Grove Fa	62.12 47	IAMS_20	IAMS_20	01 29 49.4				
T25A	Trinidad	62.28 64	P	P	01 01 39.9 +0.1				
T25A			IAMB	IAMB	01 01 48.1				
T25A	comp=Z,44nm,1.4s		IAMS_20	IAMS_20	01 28 06.8				
BAKI	Biak	62.48 206	P	P	01 01 43.9 +2.9				
KUDL	Kundali	62.55 279	IAMB	IAMB	01 01 42.4				
MUD	Monsted U'gmd	62.59 342	i/P	P	01 01 42.0 +0.7				
MUD			IAMB	IAMB	01 01 43.3				
LUNU	Lund	62.62 339	i/P	P	01 01 41.3 -0.2				
MWPI	Manokwari, Pap	62.72 208	P	P	01 01 44.7 +2.1				
HW4A	Norwalk	62.72 50	IAMB	IAMB	01 01 40.0 +1.9				
HW4A			IAMB	IAMB	01 01 44.2				
BSD	Bornholm Skovb	62.82 338	i/P	P	01 01 43.9 +1.0				
BSD			IAMB	IAMB	01 01 49.9				
TNTI	Ternate	62.94 216	P	P	01 01 42.6 -1.5				
TNTI			P	P	01 01 44.4 +0.3				
TNTI	comp=Z,28nm,0.8s								

E46A	Sault Ste Mari	63.02 44	IAMS_20	IAMS_20	01 31 39.3				
RABL	Rabaul	63.02 188	P	P	01 01 45.2 +0.6				
CBKS	Cedar Bluff	63.06 59	pmx	pmx	01 01 44.2 -0.6				
CBKS	comp=Z,40nm,0.9s		MLR	MLR					
CBKS	comp=Z,6.2m,20.0s		MLR	MLR					
CBKS	Cedar Bluff	63.06 59	P	P	01 01 44.2 -0.6				
TASM	TASM	63.09 67	P	P	01 01 44.4 -0.9				
TASM	ASL Pad, Albuq	63.09 67	IAMB	IAMB	01 01 45.8 +0.6				
TASM			IAMB	IAMB	01 01 48.4				
TASM	ASL Pad, Albuq	63.09 67	IAMS_20	IAMS_20	01 31 33.2				
TASM	ASL Pad, Albuq	63.09 67	IAMS_20	IAMS_20	01 31 33.2				
TASM	ASL Pad, Albuq	63.09 67	IAMS_20	IAMS_20	01 31 33.2				
TASM	ASL Pad, Albuq	63.09 67	IAMS_20	IAMS_20	01 31 33.2				
ANMO	Albuquerque	63.09 67	LR	LR	01 31 35.1				
ANMO	Albuquerque	63.09 67	i/P	pmx	01 01 46.2 +0.9				
ANMO	comp=Z,16nm,0.9s		pmx	pmx					
ANMO	Albuquerque	63.09 67	P	P	01 01 45.2 -0.1				
ANMO	Albuquerque	63.09 67	IAMS_20	IAMS_20	01 31 33.2				
ANMO	Albuquerque	63.09 67	P	P	01 01 46.5 +1.2				
ALQ	Albuquerque	63.10 67	IAMS_20	IAMS_20	01 31 33.3				
ALQ	Albuquerque	63.10 67	IAMB	IAMB	01 01 45.0 -0.2				
ALQ	comp=Z,17nm,1.0s		IAMS_20	IAMS_20	01 31 32.2				
ALQ	Albuquerque	63.10 67	P	P	01 01 45.5 +0.2				
ALQ	comp=Z,17nm,1.0s		IAMS_20	IAMS_20	01 31 32.2				
TUC	Tucson	63.13 72	P	pmx	01 01 45.2 -0.1				
TUC	comp=Z,17nm,1.3s		pmx	pmx					
TUC	comp=Z,3.0m,18.0s		MLR	MLR					
TUC	Tucson	63.13 72	P	P	01 01 45.2 -0.1				
TUC	Tucson	63.13 72	IAMS_20	IAMS_20	01 31 25.0				
TUC	comp=Z,3.0m,18.0s		P	P	01 01 46.9 +1.5				
KRVT	Keravat (A5076	63.15 188	LR	LR	01 25 21.8				
H43A	Windswept, Lux	63.34 47	P	P	01 01 45.4 -1.1				
H43A			IAMS_20	IAMS_20	01 31 07.8				
SWI	Sorong	63.37 211	P	P	01 01 48.0 +1.1				
I42A	Draeger Farm,	63.39 49	P	P	01 01 46.0 -0.8				
I42A			IAMS_20	IAMS_20	01 28 33.0				
AK03	Malin Array Si	63.40 327	P	P	01 01 46.2 -0.6				
AK04	Malin Array Si	63.42 327	P	P	01 01 46.4 -0.5				
AKAS	Malin Array Be	63.42 327	P	P	01 01 46.5 -0.5				
AKAS	comp=Z,12nm,0.6s,baz=354,slow=32		LR	LR	01 34 15.0				
AKAS	comp=Z,2.0m,18.5s,baz=24,slow=41								
AKAS	Malin Array Be	63.42 327	i/P	pmx	01 01 45.4 -1.5				
AKAS	comp=Z,25nm,0.8s		pmx	pmx					
AKAS	Malin Array Be	63.42 327	IAMB	IAMB	01 03 31.8				
AKAS	comp=Z,19nm,1.1s		IAMB	IAMB	01 03 31.8				
AKBB	Malin Array Si	63.42 327	d/P	pmx	01 01 47.5 +0.6				
AKBB			pmx	pmx					
AKBB	Malin Array Si	63.42 327	P	P	01 01 46.1 -0.8				
KIEV	Kiev	63.44 327	P	P					

1d 0h									
MNTX	Cornudas Mount	66.26	68	P	P	01 02 07.1	+1.3		
OK048	Pawnee Station	66.28	59	P	P	01 02 06.0	+0.2		
SOC	Sochi	66.31	316	eP	P	01 02 05.8	0.0		
SOC				ePPP	PPP	01 06 04.2			
SOC				eS	SS	01 10 52.8	-2.4		
SOC				eSS	SSS	01 15 11.0	+0.6		
SOC				eSSS	SSS	01 18 10.0			
SOC	comp=Z,15nm,0.8s				pmax				
SOC	comp=Z,3um,16.0s				MLR				
GANJ	Ganja	66.32	10	P	P	01 02 04.5	-1.5		
OJC	Ojcow	66.34	333	eP	P	01 02 06.5	+0.6		
OJC				eL	L	01 34 38.2			
OJC	comp=Z,5um,17.5s								
OJC	Ojcow	66.34	333	P	P	01 02 05.8	-0.2		
OJC	Ojcow	66.34	333	P	P	01 02 05.8	-0.2		
OJC	Ojcow	66.34	333	P	P	01 02 05.7	-0.2		
OJC	Ojcow	66.34	333	P	P	01 02 06.8	+0.9		
OJC	Ojcow	66.34	333	P	P	01 02 06.8	+0.9		
GDL2	Guadalupe Moun	66.34	67	P	P	01 02 05.7	-0.7		
APSI	Ampana	66.38	221	P	P	01 02 07.2	+0.6		
TRQ	Mont Tremblant	66.46	37	P	P	01 02 05.5	-1.3		
HTMS	Hat Mesa	66.46	66	P	P	01 02 06.6	-0.6		
ASSE	Asse, Remlinge	66.47	339	eP	P	01 02 07.4	+0.8		
ASSE	Asse, Remlinge	66.47	339	P	P	01 02 07.4	+0.8		
ASSE	Asse, Remlinge	66.47	339	P	P	01 02 07.5	+0.9		
HPK	Haverah Park	66.51	348	eP	P	01 02 06.8	-0.1		
HPK				IAMB	IAMB	01 02 11.2			
KRAI	Karang Ratu	66.51	214	P	P	01 02 08.9	+1.5		
CLNB	Carlsbad	66.52	66	P	P	01 02 06.7	-0.8		
LMQ	La Malbaie	66.55	34	P	P	01 02 05.6	-1.8		
LMQ				IAMB	IAMB	01 02 09.4			
KSP	Ksiaz	66.56	335	eP	L	01 02 07.3	0.0		
KSP				eL	L	01 30 24.9			
KSP	Ksiaz	66.56	335	eP	P	01 02 07.0	-0.3		
KSP	Ksiaz	66.56	335	P	P	01 02 07.6	-0.1		
OK029	Liberty Lake	66.57	59	P	IAMB	01 02 14.8			
OK029				IAMB	IAMB	01 02 14.8			
QUOK	Quay	66.59	59	P	IAMB	01 02 06.5	-1.2		
QUOK				IAMB	IAMB	01 02 12.6			
OK052	Battle Ridge R	66.70	59	P	P	01 02 07.2	-1.3		
OK052				IAMB	IAMB	01 02 15.6			
TPB28		66.71	67	P	IAMB	01 02 07.6	-1.1		
TPB28				IAMB	IAMB	01 02 21.0			
TPB11	China Draw	66.72	67	P	P	01 02 08.1	-0.7		
TPB11				IAMB	IAMB	01 02 19.7			
K50A	Casco	66.72	45	P	IAMB	01 02 07.1	-1.4		
K50A				IAMB	IAMB	01 02 15.0			
K50A	comp=Z,42nm,1.3s				IAMS_20	01 33 52.3			
STHS	Stebnicka Huta	66.73	331	eP	pmax	01 02 08.8	+0.3		
STHS				pmax	pmax				
STHS	comp=Z,33nm,0.8s								
STHS	Stebnicka Huta	66.73	331	eP	P	01 02 08.8	+0.3		
P43A	Skaggs, Pawnee	66.74	51	P	IAMB	01 02 07.1	-1.6		
P43A				IAMB	IAMB	01 02 09.7			
R40A	Maddies Statio	66.74	54	P	IAMB	01 02 07.0	-1.7		
R40A				IAMB	IAMB	01 02 15.8			
AAM	Ann Arbor	66.75	46	P	P	01 02 08.2	-0.5		
AAM				pmax	pmax				
AAM	comp=Z,32nm,1.1s				MLR				
AAM	Ann Arbor	66.75	46	P	IAMB	01 02 08.2	-0.5		
AAM				IAMB	IAMB	01 02 16.4			
AAM	comp=Z,32nm,1.1s				IAMS_20	01 33 59.0			
DKNS	Dickens	66.75	63	P	P	01 02 08.6	-0.4		
CLZ	Clausthal	66.80	339	eP	P	01 02 09.8	+1.0		
CLZ	Clausthal	66.80	339	eP	P	01 02 09.6	+0.8		
CLZ	Clausthal	66.80	339	P	P	01 02 09.6	+0.8		
S39A	Bolivar	66.80	55	P	P	01 02 07.7	-1.4		
S39A				IAMB	IAMB	01 02 10.0			
CLL	Colim	66.80	338	P	pmax	01 02 08.3	-0.6		
CLL				pmax	pmax				
CLL	comp=Z,31nm,1.0s				MLR				
CLL	Colim	66.80	338	P	IAMB	01 02 08.3	-0.6		
CLL				IAMB	IAMB	01 02 10.7			
CLL	comp=Z,31nm,1.0s				IAMS_20	01 34 04.6			
CLL	Colim	66.80	338	eP	P	01 02 09.0	+0.1		
CLL	Colim	66.80	338	P	P	01 02 08.4	-0.5		
CLL	Colim	66.80	338	P	P	01 02 08.9	0.0		
CLL	Colim	66.80	338	P	P	01 02 08.9	0.0		
CLL	Colim	66.80	338	P	P	01 02 08.4	-0.5		
CLL	comp=Z,38nm,1.0s			ePPP	PPP	01 06 17.0			
CLL				eS	S	01 11 01.0	0.0		
CLL	comp=N,200nm,9.7s								
CLL	comp=E,200nm,5.6s			eS	SS	01 15 24.0	+6.3		
CLL				eSSS	SSS	01 18 30.0			
CLL				LQ	LQ	01 21 00.0			
CLL				LR	LR	01 23 00.0			
CLL				AMS	AMS	01 31 00.0			
CLL	comp=Z,3um,22.0s				AMS	01 33 00.0			
CLL	comp=N,3um,18.4s				AMS	01 33 00.0			
CLL	comp=E,4um,17.0s				AMS	01 33 00.0			
IBBN	Ibbenburg	66.81	341	eP	P	01 02 09.5	+0.6		
IBBN	Ibbenburg	66.81	341	P	P	01 02 09.3	+0.4		
OSTC	Ostas	66.84	335	eP	MLR	01 02 09.9	+0.7		
OSTC				MLR	MLR				
OSTC	Ostas	66.84	335	eP	P	01 02 09.9	+0.7		
OSTC	Ostas	66.84	335	eP	AMS	01 36 10.0			
CHVC	Chvalec	66.85	335	eP	MLR	01 02 09.8	+0.6		
CHVC				MLR	MLR				
CHVC	Chvalec	66.85	335	eP	AMS	01 02 09.8	+0.6		
CHVC				AMS	AMS	01 36 10.0			
WMOK	Wichita Mounta	66.85	61	P	pmax	01 02 09.0	-0.5		
WMOK				pmax	pmax				
WMOK	Wichita Mounta	66.85	61	P	P	01 02 08.9	-0.5		
WMOK	Wichita Mounta	66.85	61	P	P	01 02 10.1	+0.6		
SBUM	Sibu	66.87	232	P	P	01 02 10.2	+0.4		
SBUM	Sibu	66.87	232	P	P	01 02 11.0	+1.3		
SBUM	Sibu	66.87	232	P	P	01 02 11.4	+1.7		
SBUM	Sibu	66.87	232	P	P	01 02 11.4	+1.7		
128A	Castleberry Fa	66.89	65	P	IAMB	01 02 09.2	-0.6		
128A				IAMB	IAMB	01 02 20.5			
WIMM	Wimmelburg	66.89	339	P	P	01 02 09.5	+0.1		
ILTH	Belurang, Co L	66.90	351	P	P	01 02 11.7	+2.3		
okcsw	OKLAHOMA CITY	66.90	60	P	P	01 02 09.5	-0.3		
KOLS	Kolonickie sedl	66.91	331	eP	pmax	01 02 10.3	+0.6		
KOLS				pmax	pmax				

2020 SEP									
KOLS	Kolonickie sedl	66.91	331	eP	P	01 02 10.3	+0.6		
AAI	Ambon	66.92	214	P	P	01 02 10.8	+0.8		
UPC	Ujice	66.93	335	eP	MLR	01 02 10.5	+0.8		
UPC				MLR	MLR				
UPC	Ujice	66.93	335	eP	P	01 02 10.5	+0.8		
UPC				AMS	AMS	01 36 20.0			
UPC	Ujice	66.93	335	eP	P	01 02 10.8	+1.0		
UPC	Ujice	66.93	335	eP	P	01 02 11.3	+1.3		
NIE	Niedzica	66.96	332	eL	L	01 34 56.2			
NIE				L	L				
NIE	Niedzica	66.96	332	P	P	01 02 09.6	-0.4		
DEOK	Depew	66.96	59	P	P	01 02 09.4	-0.8		
LKRN	Lenkeran, Azer	66.96	307	P	P	01 02 08.6	-1.5		
POST	Post	66.96	64	P	P	01 02 09.4	-1.0		
PCI	PCI	66.97	223	P	P	01 02 11.3	+1.0		
DPC	Dobruska-Polom	67.01	335	eP	pmax	01 02 11.3	+1.0		
DPC				pmax	pmax				
DPC	comp=Z,8.0nm,0.8s				MLR				
DPC	Dobruska-Polom	67.01	335	eP	P	01 02 11.3	+1.0		
DPC	Dobruska-Polom	67.01	335	eP	P	01 02 11.3	+1.0		
BRG	Berggiesshubel	67.02	337	eP	P	01 02 10.6	+0.4		
BRG	Berggiesshubel	67.02	337	eP	P	01 02 10.5	+0.2		
BRG	Berggiesshubel	67.02	337	eP	P	01 02 10.7	+0.4		
BRG	Berggiesshubel	67.02	337	eP	Amp	01 02 12.4			
BRG	Berggiesshubel	67.02	337	S	S	01 11 12.0	+8.3		
BRG	Berggiesshubel	67.02	337	S	S	01 01 11.4	+0.4		
FNO	FNO	67.05	60	IAMB	IAMB	01 02 12.8			
STEB	Steborice	67.08							

457A J57A	Williamstown	68.49	40	P	P	01 02 18.7	-0.9
comp=Z,20nm,1.1s							
544A				IAMS_20	IAMS_20	01 03 59.0	
544A	Carbondale	68.50	52	P	P	01 02 18.5	-1.3
comp=Z,19nm,0.7s							
P48A F48A	Milroy	68.53	49	P	P	01 02 19.0	-0.9
comp=Z,2um,19.0s							
NCB	Newcomb	68.57	38	P	P	01 02 19.8	-0.4
IWEX	Carrickbyrne	68.58	351	P	P	01 02 21.3	+1.2
MCH1	Michaelchurch	68.59	348	eP	P	01 02 19.9	-0.3
comp=Z,8.2nm,0.8s							
G62A G62A	West of Eustis	68.60	35	P	P	01 02 19.3	-1.0
comp=Z,62nm,1.8s							
ALLY	Allegny Colle	68.61	44	P	P	01 02 19.2	-1.2
GRA3	Grabenberg Arr	68.61	338	P	P	01 02 21.5	+1.2
comp=Z,729nmcomp=Z,27nm,1.4s							
PMG	Port Moresby	68.64	192	LR	LR	01 29 36.6	
comp=Z,2um,21.3s,baz=17,slo=34							
PMG	Port Moresby	68.64	192	P	P	01 02 20.8	0.0
comp=Z,48nm,1.1s							
PMG	Port Moresby	68.64	192	P	P	01 02 20.8	0.0
MODS	Modra-Piesok	68.65	334	eP	P	01 02 22.0	+1.4
comp=Z,90nm,1.2s							
MODS	Modra-Piesok	68.65	334	eP	P	01 02 22.0	+1.4
MODS	Modra-Piesok	68.65	334	eP	P	01 02 22.0	+1.6
comp=Z,2umcomp=Z,69nm,1.7s							
F64A F64A	Sherman	68.66	33	P	P	01 02 19.8	-0.8
comp=Z,30nm,1.3s							
PLPT	Palo Pinto	68.67	62	P	P	01 02 20.1	-0.9
GRA1	Grabenberg Arr	68.69	338	I	I	01 02 20.7	-0.2
comp=Z,33nm,1.0s							
GRA1				IAMS_20	IAMS_20	01 35 23.6	
GRA1	Grabenberg Arr	68.69	338	P	P	01 02 21.8	+1.0
comp=Z,888nmcomp=Z,38nm,1.2s							
GRF	Grabenberg Arr	68.69	338	P	P	01 02 20.7	-0.2
comp=Z,33nm,1.0s							
GRF				MLR	MLR		
GRF	Grabenberg Arr	68.69	338	eP	P	01 02 21.9	+1.0
comp=Z,94nm,1.7s,baz=18,slo=6.3							
GRF				sP	sP	01 02 25.9	+1.5
GRF				L	L	01 35 23.2	
GRFO	Grabenberg Arr	68.69	338	P	P	01 02 22.0	+1.2
GRFO	Grabenberg Arr	68.69	338	IAMS_20	IAMS_20	01 35 32.6	
comp=Z,2um,20.0s							
GRA2	Grabenberg Arr	68.70	338	P	P	01 02 21.7	+0.8
comp=Z,866nmcomp=Z,46nm,1.8s							
Z35A	Perchaven, San	68.72	61	P	P	01 02 21.2	-0.1
MONM	Monmouth	68.73	348	eP	P	01 02 20.6	-0.3
comp=Z,15nm,0.7s							
MEM	Membach	68.74	342	dP	P	01 02 21.2	+0.1
comp=Z,36nm,0.0s							
MEM	Membach	68.74	342	P	P	01 02 21.4	+0.4
comp=Z,64nmcomp=Z,70nm,0.9s							
KHC	Kasperske Hory	68.75	336	eP	P	01 02 21.8	+0.5
KHC				pmx	pmx		
KHC				MLR	MLR		
KHC	Kasperske Hory	68.75	336	P	P	01 02 21.8	+0.5
KHC				AMS	AMS	01 37 20.0	
KHC	Kasperske Hory	68.75	336	P	P	01 02 21.0	-0.3
comp=Z,20nm,1.0s							
KHC				IAMS_20	IAMS_20	01 33 48.2	
KHC	Kasperske Hory	68.75	336	P	P	01 02 20.8	-0.5
comp=Z,23nm,2.1s							
DRGR				P	P	01 02 22.1	+0.6
PBMO	Poplar Bluff	68.78	329	P	P	01 02 21.0	-0.7
PBMO				I	I	01 02 23.7	
ACSO	Alum Creek Sta	68.80	46	P	P	01 02 20.0	-1.7
ACSO				I	I	01 02 28.8	
UCC	Uccle	68.81	343	P	P	01 02 20.9	-0.6
comp=Z,41nm,1.6s							
UCC	Uccle	68.81	343	P	P	01 02 20.9	-0.6
comp=Z,2.4nm,2.0s							
FCAR	Ozark Folk Cen	68.83	55	P	P	01 02 20.8	-1.1
GRB4	Grabenberg Arr	68.84	338	P	P	01 02 22.5	+0.7
comp=Z,859nmcomp=Z,51nm,1.5s							
FW06	Azle	68.88	61	P	P	01 02 21.8	-0.5
comp=Z,24nm,0.9s							
PAOC	Oil Creek Stat	68.89	43	P	P	01 02 21.2	-1.0
PAOC				I	I	01 02 29.1	
CKRC	Cesky Krumlov	68.89	336	eP	MLR	01 02 22.7	+0.6
CKRC	Cesky Krumlov	68.89	336	eP	AMS	01 02 22.7	+0.6
CKRC	Cesky Krumlov	68.89	336	eP	AMS	01 37 10.0	
GRB1	Grabenberg Arr	68.89	338	P	P	01 02 23.0	+0.9
comp=Z,859nmcomp=Z,47nm,1.4s							
GRB3	Grabenberg Arr	68.91	338	P	P	01 02 23.1	+0.9
comp=Z,866nmcomp=Z,46nm,1.8s							
K57A	Scipio Center	68.92	41	P	P	01 02 20.9	-1.5
K57A				I	I	01 02 55.1	
K57A				IAMS_20	IAMS_20	01 37 58.3	
USIN	University of	68.92	51	P	P	01 02 21.7	-0.7
PKME	Peaks-Kenny Pk	68.93	34	P	P	01 02 21.2	-1.1
J59A	Plesco	68.93	39	P	P	01 02 21.3	-1.1
comp=Z,28nm,1.2s							
J59A				IAMS_20	IAMS_20	01 34 24.7	
SRO	Srobarova	68.94	333	eP	pmx	01 02 24.1	+1.8
SRO	Srobarova	68.94	333	eP	P	01 02 24.1	+1.8
OZNA	Ozona	68.94	65	P	P	01 02 21.7	-1.1
OZNA				I	I	01 03 10.4	
MCVT	Middlebury Col	68.98	38	P	P	01 02 22.3	-0.4
H62A	Milan	68.99	36	P	P	01 02 21.6	-1.2
H62A				I	I	01 02 32.3	
H62A				IAMS_20	IAMS_20	01 34 43.3	
GE2C	GERESS Array S	69.00	336	P	P	01 02 22.1	-0.8
GE2C				I	I	01 02 25.2	
GE2C	GERESS Array S	69.00	336	eP	P	01 02 23.6	+0.7
baz=18,slo=6.3							
GE2C	GERESS Array S	69.00	336	P	P	01 02 23.4	+0.6
comp=Z,507nmcomp=Z,28nm,1.1s							
GERES	GERESS Array B	69.00	336	P	P	01 02 23.2	+0.4
comp=Z,10.0nm,0.8s,baz=24,slo=3.6,SNR=50							
GERES	GERESS Array B	69.00	336	P	P	01 02 22.2	-0.6
GERES	GERESS Array B	69.01	338	P	P	01 02 22.0	-0.8
comp=Z,660nmcomp=Z,35nm,1.9s							
BCLA	Clavier	69.03	342	dP	P	01 02 23.2	+0.3
TX31	Lajitas Arr. Si	69.04	68	P	P	01 02 22.8	-0.6
TX31				I	I	01 02 34.8	
TXAR	Lajitas Array	69.05	68	P	P	01 02 24.2	+0.8
comp=Z,8.6nm,0.9s,baz=307,slo=3.5,SNR=98							

TXAR				LR	LR	01 34 04.6	
comp=Z,3um,18.6s,baz=328,slo=37							
TXAR	Lajitas Array	69.05	68	P	P	01 02 22.6	-0.9
TXAR	Lajitas Array	69.05	68	P	P	01 02 22.6	-0.9
LBNH	Lisbon	69.06	37	P	P	01 02 22.4	-0.8
comp=Z,22nm,1.0s							
LBNH				MLR	MLR		
LBNH	Lisbon	69.06	37	P	P	01 02 22.4	-0.8
comp=Z,3um,18.0s							
LBNH				I	I	01 02 25.3	
BUD	Budapest	69.07	332	P	P	01 02 23.6	+0.4
BUD	Budapest	69.07	332	P	P	01 02 23.8	+0.6
comp=Z,540nmcomp=Z,31nm,1.3s							
MLR	Muntele Rosu	69.08	327	P	P	01 02 24.3	+0.9
comp=Z,18nm,0.8s,baz=19,slo=6.1,SNR=9.8							
MLR				LR	LR	01 36 42.4	
MLR	Muntele Rosu	69.08	327	P	P	01 02 22.6	-0.9
comp=Z,26nm,0.9s							
MLR				MLR	MLR		
MLR	Muntele Rosu	69.08	327	P	P	01 02 22.6	-0.9
comp=Z,4um,19.0s							
MLR				I	I	01 02 27.1	
MLR	Muntele Rosu	69.08	327	P	P	01 02 23.3	-0.2
comp=Z,507nmcomp=Z,35nm,1.4s							
MLR	Muntele Rosu	69.08	327	P	P	01 02 25.4	+1.9
comp=Z,55nm,1.2s,SNR=11							
L56A	Greenwood	69.09	42	P	P	01 02 23.3	-1.2
L56A				I	I	01 02 34.5	
L56A				IAMS_20	IAMS_20	01 35 03.8	
N53A	Lisbon	69.09	45	P	P	01 02 23.1	-0.4
N53A				IAMS_20	IAMS_20	01 35 25.9	
LCAR	Lake Charles	69.09	55	P	P	01 02 22.6	-0.9
GRB5	Grabenberg Arr	69.16	338	P	P	01 02 24.8	+1.0
comp=Z,493nmcomp=Z,24nm,1.1s							
PARMO	Parma	69.18	53	P	P	01 02 23.1	-0.9
WINA	Alland / Wiene	69.18	334	iP	P	01 02 24.8	+0.9
GR4C	Grabenberg Arr	69.21	338	P	P	01 02 24.6	+0.5
comp=Z,21nm,1.5s							
BMRD	Maredous	69.23	343	dP	P	01 02 23.9	-0.2
comp=Z,10nm,1.3s							
PAMR	Moraine State	69.24	44	P	P	01 02 23.7	-0.8
PAMR				I	I	01 02 34.9	
WCI	Wyandotte Cave	69.25	50	P	P	01 02 22.9	-1.6
WCI				pmx	pmx		
WCI				MLR	MLR		
WCI	Wyandotte Cave	69.25	50	P	P	01 02 22.9	-1.6
WCI				I	I	01 02 25.8	
WCI	Wyandotte Cave	69.25	50	P	P	01 02 23.9	-0.5
WCI				P	P	01 02 23.2	-1.4
WCI				P	P	01 02 35.5	+0.5
WCI				I	I	01 02 35.5	+0.5
WHAR	Woolly Hollow	69.27	56	P	P	01 02 20.9	-3.7
SAND	Sanderson	69.27	56	P	P	01 02 20.9	-3.7
SAND				IAMS_20	IAMS_20	01 35 52.2	
TIRR	Tirgusor	69.29	324	P	P	01 02 25.2	+0.6
TIRR				IAMS_20	IAMS_20	01 35 52.2	
GRC1	Grabenberg Arr	69.30	338	P	P	01 02 25.2	+0.6
comp=Z,521nmcomp=Z,19nm,1.7s							
RCHB	Rochefort	69.30	342	P	P	01 02 24.6	0.0
O52A	Adamsville	69.33	46	P	P	01 02 22.2	-2.8
O52A				I	I	01 02 31.2	
O52A				IAMS_20	IAMS_20	01 33 19.2	
STKI	Sintang	69.33	232	P	P	01 02 26.2	+1.0
MIAR	Mount Ida	69.33	57	P	P	01 02 23.8	-1.3
MIAR				pmx	pmx		
MIAR				MLR	MLR		
MIAR	Mount Ida	69.34	57	P	P	01 02 23.8	-1.3
MIAR				I	I	01 02 35.5	
MIAR	Mount Ida	69.34	57	P	P	01 02 25.4	+0.3
comp=Z,50nm,1.4s							

1d 0h

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like MCWV, N58A, BFO, WSP, etc.

2020 SEP

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like PAL, FETA, WSP, etc.

10

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like PLD, RPSI, PLNA, etc.

az=89.0
ISC 01:01:22:20.9-0.5, 137.11N-0.07-120.70E:0.08, h150km, n43,
c201/44, mb4.1/19, Mindoro

Error ellipse: s-maj=12.2km s-min=3.7km az=156.0
ISC 01:01:25:26.9-1.4, 54.07N-0.07-164.16W:0.03, h20km, 5km,
n78, c124/76, mb4.0/6, Unimak Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the first earthquake.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the second earthquake.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the third earthquake.

IDC 01:01:12:36.8-1.9, 5.37S:130.99E, h0km, mb3.9/1,
mbtmp3.6/4, ML3.2/3, MS4.2/2, Error ellipse:
s-maj=51.1km s-min=19.3km az=84.0, Banda Sea

Error ellipse:
s-maj=51.1km s-min=19.3km az=84.0, Banda Sea

Error ellipse:
s-maj=51.1km s-min=19.3km az=84.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the fourth earthquake.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the fourth earthquake.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the fourth earthquake.

TEH 01:20:36.4, 34.633N-46.11E, h10km, 27km, ML2.9,
Presumed earthquake

TEH 01:20:36.4, 34.633N-46.11E, h10km, 27km, ML2.9,
Presumed earthquake

TEH 01:20:36.4, 34.633N-46.11E, h10km, 27km, ML2.9,
Presumed earthquake

ISC 01:20:38.2, 1.2, 34.66N:0.05:46.19E:0.04, h10km, n9,
c1508/12, Western Irian

ISC 01:20:38.2, 1.2, 34.66N:0.05:46.19E:0.04, h10km, n9,
c1508/12, Western Irian

ISC 01:20:38.2, 1.2, 34.66N:0.05:46.19E:0.04, h10km, n9,
c1508/12, Western Irian

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the fifth earthquake.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the fifth earthquake.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the fifth earthquake.

IDC 01:25:26.2, 2.3, 54.46N:164.13W, h0km, mb3.5/3,
mbtmp3.5/6, ML3.3/3, Error ellipse: s-maj=41.0km
s-min=31.1km az=130.0

IDC 01:25:26.2, 2.3, 54.46N:164.13W, h0km, mb3.5/3,
mbtmp3.5/6, ML3.3/3, Error ellipse: s-maj=41.0km
s-min=31.1km az=130.0

IDC 01:25:26.2, 2.3, 54.46N:164.13W, h0km, mb3.5/3,
mbtmp3.5/6, ML3.3/3, Error ellipse: s-maj=41.0km
s-min=31.1km az=130.0

NEIC 01:25:27.5-1.8, 54.07N:0.08-164.20W:0.06, h22km, 6km,
mb4.2/11, ML3.8/14, ML3.7(AEIC), Error ellipse:
s-maj=11.5km s-min=3.8km az=161.0

NEIC 01:25:27.5-1.8, 54.07N:0.08-164.20W:0.06, h22km, 6km,
mb4.2/11, ML3.8/14, ML3.7(AEIC), Error ellipse:
s-maj=11.5km s-min=3.8km az=161.0

NEIC 01:25:27.5-1.8, 54.07N:0.08-164.20W:0.06, h22km, 6km,
mb4.2/11, ML3.8/14, ML3.7(AEIC), Error ellipse:
s-maj=11.5km s-min=3.8km az=161.0

AEIC 01:25:27.1-2.2, 54.09N:0.08-164.18W:0.07, h19km, 5km,
s-maj=11.5km s-min=3.8km az=161.0

AEIC 01:25:27.1-2.2, 54.09N:0.08-164.18W:0.07, h19km, 5km,
s-maj=11.5km s-min=3.8km az=161.0

AEIC 01:25:27.1-2.2, 54.09N:0.08-164.18W:0.07, h19km, 5km,
s-maj=11.5km s-min=3.8km az=161.0

IDC 01:47:21.1-1.3, 61.86N:151.82W, h109km, 15km,
mb3.7/17, mbtmp4.1/21, Error ellipse: s-maj=22.3km
s-min=9.5km az=113.0

NEIC 01:47:22.6-0.6, 61.93N:0.04-151.94W:0.07,
h118km, 4km, mb4.3/7, ML3.6/21, ML3.4(AEIC), Error
ellipse: s-maj=5.2km s-min=5.0km az=146.0

AEIC 01:47:23.8-0.9, 61.93N:0.03-151.96W:0.07,
h113km, 3km, Error ellipse: s-maj=5.1km s-min=4.9km
az=142.0

ISC 01:47:22.7-0.6, 61.91N:0.03-151.97W:0.03,
h121km, 5km, n277, c069/278, mb4.1/19, Southern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the sixth earthquake.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the sixth earthquake.

AU22	Augustine Moun	2.64 196	Pn	01 48 04.2	0.0
AGU	Augustine-Summ	2.66 196	Pn	01 48 04.5	-0.1
M17K	Holita River	2.66 261	Pn	01 48 04.4	-0.1
M17K	comp=N,115nm,0.9s		IAML	01 48 52.9	
M17K	comp=N,112nm,0.8s		IAML	01 49 00.5	
AUJK	Augustine Juerg	2.67 196	Pn	01 48 04.8	+0.2
J19K	Portman	2.68 323	Pn	01 48 04.1	-0.6
J19K	comp=N,97nm,0.9s		IAML	01 48 37.2	
J19K	comp=N,100nm,0.9s		IAML	01 48 37.2	
AUI	Augustine Island	2.68 196	Pn	01 48 04.9	+0.1
J18K	Innoke River	2.69 308	Pn	01 48 04.5	-0.4
J18K	comp=N,85nm,1.0s		IAML	01 48 36.0	
N17D	Nushagak Hills	2.88 244	Pn	01 48 07.4	+0.1
KLU	Port Fidalgo	2.89 111	Pn	01 48 05.8	-1.6
KLU	Klutina	2.91 96	Pn	01 48 07.2	-0.6
KLU	comp=E,306nm,0.7s		IAML	01 48 42.1	
P23K	Montage Islan	2.94 129	Pn	01 48 06.9	-1.2
L17K	Donlin	2.99 277	Pn	01 48 08.5	-0.2
NEA2	Nenana	3.00 25	Pn	01 48 08.0	-0.8
HIN	Hinchinbrook I	3.05 117	Pn	01 48 08.4	-1.2
HIN	comp=E,273nm,0.5s		IAML	01 48 47.2	
HIN	comp=N,306nm,0.6s		IAML	01 48 48.5	
K17K	Iditarod	3.07 288	Pn	01 48 09.6	-0.2
DIV	Divide	3.07 102	Pn	01 48 09.0	-0.9
DIV	comp=E,277nm,0.7s		IAML	01 48 46.7	
Q19K	Cape Douglas,	3.10 196	Pn	01 48 10.3	-0.1
Q19K	comp=N,285nm,1.0s		IAML	01 49 07.8	
Q19K	comp=E,301nm,1.1s		IAML	01 49 07.9	
I20K	Naagheadene	3.11 340	Pn	01 48 09.6	-0.7
I20K	comp=N,265nm,0.7s		IAML	01 48 52.9	
WRH	Wood River Hill	3.11 33	Pn	01 48 09.9	-0.5
MLY	Manley	3.18 9	Pn	01 48 10.8	-0.5
MLY	comp=N,71nm,0.7s		IAML	01 48 51.2	
HARP	HAARP	3.23 78	Pn	01 48 12.2	+0.3
I21K	Tanana	3.28 360	Pn	01 48 12.1	-0.4
I21K	comp=E,79nm,1.0s		IAML	01 48 49.7	
I21K	comp=N,121nm,1.0s		IAML	01 48 51.5	
O17K	Koligan Bri	3.30 232	Pn	01 48 13.0	+0.1
EYAK	Cordova Ski Ar	3.30 112	P	01 48 12.8	0.0
EYAK	Cordova Ski Ar	3.30 112	S	01 48 51.9	+0.3
EYAK	Cordova Ski Ar	3.30 112	S	01 48 11.8	-1.1
EYAK	comp=E,115nm,0.8s		IAML	01 48 53.7	
EYAK	comp=N,169nm,0.5s		IAML	01 48 53.9	
CCB	Clear Creek Bu	3.33 33	Pn	01 48 12.2	-0.9
HDA	Harding Lake	3.39 40	Pn	01 48 13.3	-0.6
HDA	comp=E,133nm,0.4s		IAML	01 48 55.7	
K24K	Donnelly Dome	3.41 53	Pn	01 48 14.7	+0.4
I23K	Minto, Yukon-K	3.45 19	Pn	01 48 14.7	+0.4
I23K	comp=N,56nm,1.0s		IAML	01 49 26.3	
M16K	Timber Creek	3.47 258	Pn	01 48 15.2	+0.1
MDM	Murphy Dome	3.49 27	Pn	01 48 14.8	-0.5
COLA	College	3.50 30	Pn	01 48 14.7	-0.8
COLA	College	3.50 30	IAML	01 49 21.2	
COLA	comp=N,167nm,0.5s		IAML	01 49 26.4	
P17K	Kvichak River	3.51 221	Pn	01 48 16.4	+0.8
N25K	Chitina, Valde	3.52 92	Pn	01 48 15.7	-0.1
PS08	TAPS Pump Str8	3.52 39	Pn	01 48 15.2	-0.6
L16K	Owhat River	3.57 270	Pn	01 48 16.4	+0.1
N16K	Nishiki Lake	3.59 249	Pn	01 48 16.9	+0.2
J17K	VADM Dome	3.60 298	Pn	01 48 16.3	-0.6
Q18K	Gatena City Sc	3.61 324	Pn	01 48 17.2	+0.3
Q18K	Katmai Hardscr	3.61 206	Pn	01 48 17.2	+0.2
BMRM	Bremner River	3.66 102	Pn	01 48 17.0	-0.7
BMRM	comp=N,209nm,0.5s		IAML	01 49 01.5	
BMRM	comp=E,162nm,0.6s		IAML	01 49 15.5	
KAHG	Katmai Hook Gl	3.66 202	Pn	01 48 17.9	+0.2
IL31	Elison Array	3.67 36	Pn	01 48 16.7	-1.0
ILAR	Elison Array	3.67 36	P	01 48 17.0	-0.7
ILAR	comp=E,39nm,0.3s,baz=222,slow=14,SNR=176		S	01 48 58.2	-2.2
KARR	Katmai Rainbow	3.69 203	Pn	01 48 18.4	+0.4
RIDG	Independent Ri	3.75 58	Pn	01 48 19.3	+0.5
RIDG	comp=N,199nm,0.8s		IAML	01 49 10.2	
H21K	Melozitna Rive	3.78 355	Pn	01 48 18.7	-0.5
H21K	comp=E,67nm,1.2s		IAML	01 49 02.9	
H21K	comp=N,73nm,0.6s		IAML	01 48 18.8	-0.4
PS07	TAPS Pump Str7	3.79 24	Pn	01 48 19.4	-0.4
O16K	Kokwok River B	3.80 235	Pn	01 48 19.2	-0.3
POKR	Poker Plat Res	3.81 30	Pn	01 48 19.8	+0.1
KAWH	Katmai	3.81 203	Pn	01 48 19.8	+0.1
H20K	Anotleneega Me	3.82 341	Pn	01 48 19.5	-0.2
RAGM	Ragged Mountai	3.85 110	Pn	01 48 19.4	-0.8
GLB	Gilghina Butte	3.92 93	Pn	01 48 20.5	-0.5
GLB	comp=N,125nm,0.6s		IAML	01 49 08.6	
GLB	comp=E,109nm,0.7s		IAML	01 49 11.4	
KAKN	Katmai Knife C	3.94 204	Pn	01 48 21.6	+0.2
MENT	Mentasta	3.97 71	Pn	01 48 21.7	-0.1
H22K	Ishlantina Cre	4.01 3	Pn	01 48 20.0	-0.2
H22K	comp=E,75nm,1.2s		IAML	01 49 07.3	
H22K	comp=N,34nm,0.9s		IAML	01 49 08.3	
J25K	Salcha River,	4.03 45	Pn	01 48 22.1	-0.5
J25K	comp=E,103nm,0.7s		IAML	01 49 15.4	
J25K	comp=N,109nm,0.4s		IAML	01 49 15.8	
H23K	Yukon River	4.07 14	Pn	01 48 22.9	-0.2
H23K	Yukon River	4.07 14	IAML	01 49 12.8	
ACHA	Angle Creek Re	4.08 206	Pn	01 48 23.4	+0.2
ML3S	Mazekik Lanli	4.11 204	Pn	01 48 23.2	+0.5
ANCK	Angle Creek	4.12 207	Pn	01 48 24.4	+0.5
Q17K	Contact Creek	4.15 210	Pn	01 48 24.8	+0.5
KDAK	Kodiak Island	4.15 185	P	01 48 22.8	-1.3
KDAK	comp=E,21nm,0.3s,baz=51,slow=4.2,SNR=59		S	01 49 08.5	-3.3
KDAK	comp=E,32nm,0.4s,baz=36,slow=5.2,SNR=9.4		S	01 49 23.1	-1.1
KDAK	comp=E,59nm,0.6s		IAML	01 49 11.5	
KDAK	comp=N,90nm,0.6s		IAML	01 49 18.4	
IM05	Indian Mountai	4.15 350	Pn	01 48 24.0	-0.1
IMAR	Log Cabin Wind	4.16 71	Pn	01 48 23.9	-0.3
L26K	Indian Mountai	4.16 370	Pn	01 48 23.7	-0.6
IM01	Indian Mountai	4.17 350	Pn	01 48 24.3	-0.1
SCRK	Sand Creek	4.19 57	Pn	01 48 24.4	-0.5
SCRK	comp=N,90nm,0.6s		IAML	01 49 12.9	
SCRK	comp=E,77nm,0.6s		IAML	01 49 12.9	
J16K	Anvik River	4.22 293	Pn	01 48 25.0	-0.1
J16K	Anvik River	4.22 293	IAML	01 49 11.5	
M26K	Nabesna, AK	4.24 79	Pn	01 48 25.0	-0.4
M26K	comp=N,117nm,0.6s		IAML	01 49 32.4	
M26K	comp=N,117nm,0.6s		IAML	01 49 32.6	
BERG	Berg Lab	4.29 107	Pn	01 48 25.1	-0.8
MCARA	McCarthy VSAT	4.30 93	Pn	01 48 25.9	-0.2

N15K	Kwethluk River	4.32 250	Pn	01 48 26.7	+0.3
N15K	comp=E,37nm,1.1s		IAML	01 49 52.0	
N15K	comp=N,31nm,1.0s		IAML	01 49 59.0	
H18K	Honhosra River	4.33 321	Pn	01 48 26.6	+0.1
H24K	Noodor Dome	4.34 23	Pn	01 48 26.3	-0.4
M15K	Kasigluk River	4.38 258	Pn	01 48 27.4	+0.2
CRQM	Cirque	4.41 101	Pn	01 48 28.0	+0.3
CRQM	comp=E,130nm,0.6s		IAML	01 49 19.1	
I17K	Unalakleet	4.46 300	Pn	01 48 28.3	+0.1
K15K	Wolf Creek Mou	4.51 279	Pn	01 48 29.0	+0.1
L15K	Ungalak Mounta	4.53 271	Pn	01 48 29.3	+0.2
TOL	Tana Glacier	4.55 101	Pn	01 48 29.9	+0.2
PTPK	Patty Peak	4.60 95	Pn	01 48 30.1	0.0
PRP	Porcupine Dome	4.62 36	Pn	01 48 30.5	0.0
PRP	comp=N,39nm,0.5s		IAML	01 49 24.4	
PRP	comp=N,39nm,0.5s		IAML	01 49 25.1	
G21K	Allakaket	4.67 352	Pn	01 48 30.9	-0.2
G21K	comp=N,40nm,0.9s		IAML	01 49 22.6	
G21K	comp=N,40nm,0.9s		IAML	01 49 25.6	
H17K	Granite Mounta	4.69 314	Pn	01 48 31.7	+0.5
BALM	Baldy	4.70 97	Pn	01 48 31.0	-0.6
KIAG	Kiagna River	4.72 98	Pn	01 48 31.2	-0.8
O15K	Ungalikthiuk R	4.75 238	Pn	01 48 32.0	-0.2
O15K	comp=E,23nm,1.2s		IAML	01 50 02.0	
OHAK	Old Harbor	4.75 189	P	01 48 30.6	-1.6
OHAK	Old Harbor	4.75 189	S	01 48 23.9	-3.9
OHAK	Old Harbor	4.75 189	S	01 48 30.4	-1.8
OHAK	comp=E,22nm,1.0s		IAML	01 49 25.1	
OHAK	comp=N,35nm,1.0s		IAML	01 49 30.7	
M27K	Edge Creek, AK	4.76 80	Pn	01 48 32.9	+0.5
M27K	comp=E,47nm,0.7s		IAML	01 49 27.9	
M27K	comp=N,44nm,1.2s		IAML	01 49 54.1	
G19K	Purcell Mounta	4.81 334	Pn	01 48 32.2	-0.7
G19K	comp=E,25nm,0.8s		IAML	01 49 28.0	
R17L	Mt. Peulik Vol	4.83 209	Pn	01 48 34.2	+0.9
BC01	Beaver Creek A	4.84 72	Pn	01 48 33.2	-0.2
L27K	Beaver Creek	4.84 72	Pn	01 48 33.2	-0.4
L27K	comp=E,26nm,0.7s		IAML	01 49 59.5	
L27K	comp=N,20nm,0.9s		IAML	01 49 59.5	
BCAR	Beaver Creek B	4.86 72	Pn	01 48 33.3	-0.4
G23K	Banza Creek	4.89 9	Pn	01 48 33.7	-0.4
G23K	comp=E,19nm,1.1s		IAML	01 49 43.3	
M14K	Bethel	4.95 261	Pn	01 48 35.4	+0.6
M14K	comp=E,18nm,1.2s		IAML	01 49 21.2	
G18K	Tagagawik	4.97 326	Pn	01 48 34.9	-0.2
K27K	Chicken	4.99 60	Pn	01 48 35.1	-0.2
K27K	Chicken	4.99 60	IAML	01 49 36.1	
K27K	comp=N,32nm,0.9s		IAML	01 49 49.0	
BARN	Barnard Glacier	5.01 95	Pn	01 48 36.0	+0.1
BARN	comp=N,51nm,0.5s		IAML	01 49 35.1	
BARN	comp=N,51nm,0.5s		IAML	01 49 36.1	
GRNC	Granite Creek	5.06 99	Pn	01 48 36.3	-0.2
GRNC	comp=E,52nm,0.4s		IAML	01 49 35.4	
H25L	Birch Creek	5.14 29	Pn	01 48 37.6	+0.3
N14K	Kuskokwak Cree	5.14 252	Pn	01 48 37.8	+0.4
N14K	Kuskokwak Cree	5.14 252	IAML	01 50 31.4	
N14K	comp=N,25nm,1.1s		IAML	01 50 52.8	
L14K	Kuka Creek	5.14 268	Pn	01 48 37.8	+0.4
L14K	comp=N,20nm,1.0s		IAML	01 50 38.5	
L14K	comp=N,20nm,1.1s		IAML	01 50 48.8	
G24K	Hadweenzic Riv	5.19 20	Pn	01 48 37.6	-0.4
G24K	comp=N,21nm,0.9s		IAML	01 50 37.6	-0.4
YAH	Yahite	5.19 103	Pn	01 48 38.0	-0.3
YUK2	White River	5.27 86	Pn	01 48 39.2	0.0
H16K	Elim	5.38 305	Pn	01 48 40.9	+0.3
LOGN	Logan Glacier	5.39 97	Pn	01 48 40.6	-0.2
LOGN	Logan Glacier	5.39 97	IAML	01 49 41.9	
LOGN	comp=N,55nm,0.7s		IAML	01 49 44.1	
F20K	Avareat Lake	5.41 344	Pn	01 48 41.0	+0.1
F20K	Avareat Lake	5.41 344	IAML	01 49 57.2	
YUK3	Moose Creek	5.45 86	Pn	01 48 41.8	0.0
J14K	Nanvaranak Lak	5.47 284	Pn	01 48 42.0	+0.3
SII	Sitkinak Islan	5.49 193	P	01 48 41.9	-0.2
G25K	Beaman Lake	5.50 25	Pn	01 48 42.0	-0.1
F19K	Shalerruckik Mo	5.54 336	Pn	01 48 42.2	-0.6
F22K	John River	5.62 359	Pn	01 48 44.6	+0.8
O28M	Mount Upton	5.78 96	Pn	01 48 47.0	+0.7
F24K	Squaw Lake	5.89 15	Pn	01 48 47.1	-0.5
F24K	Whitstone Riv	5.90 47	Pn	01 48 47.2	-0.4
PCA	Pinnacle	5.98 103	Pn	01 48 48.7	0.0
E19K	Redstone River	6.01 340	Pn	01 48 49.2	+0.2
F17K	Baldwin Pennin	6.09 322	Pn	01 48 50.8	+0.7
DAWY	Dawson	6.12 64	Pn	01 48 50.5	-0.1
G					

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like RAYN Ar Rayn, VRH Novokhopovsk, and many others.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BOSA Boshof, YKA Yellowknife Arr, WRA Warrunganga Arr, and many others.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MS6.6, SJA 01 04:09:27.5, MOS 01 04:09:27.1, and many others.

CO02	comp-Z,275um,1.1s	IAML		04 11 17.7	PLCA Paso Flores	12.72 178	eP	Pn	04 12 28.3	-0.3	GGPG Guaguapichinc	28.55 344	P	P	04 15 29.3	+5.1	
CO02	Combarbal		Pn	04 10 17.1	-1.1	PLCA Paso Flores	12.72 178	Pn	04 12 27.7	-0.9	ALFO1 Guarapari-ES	28.65 82	P	P	04 15 22.9	-1.5	
CO02	Combarbal		Pn	04 10 17.4	-0.8	PLCA Paso Flores	12.72 178	Pn	04 12 28.9	+0.3	ALFO1 Guarapari-ES	28.65 82	eP	P	04 15 20.2	-4.2	
CO02	Combarbal		Pn	04 10 17.1	-1.1	PLCA Paso Flores	12.72 178	eP	04 12 30.7	+2.0	PULU PuluLaha	28.70 345	P	P	04 15 28.2	+2.7	
PB14	IPOC Station P		S	04 11 02.1	-0.5	PLCA Paso Flores	12.72 178	eP	04 12 21.0	-7.7	IMBA Imbabura, San	28.83 345	P	P	04 15 30.4	+3.3	
PB14	IPOC Station P		S	04 11 01.2	-0.5	PLCA Paso Flores	12.72 178	eP	04 12 34.9	+0.7	OTAV Otavalo	28.92 345	P	P	04 15 29.9	+2.6	
PB14	IPOC Station P		S	04 11 02.2	-1.0	LPA La Plata	13.24 125c	eP	04 13 14.3	-4.7	OTAV comp-Z,448nm,2.1s						
PB14	IPOC Station P		S	04 11 20.7		LPA La Plata		PP	04 14 59.9	-3.4	OTAV Otavalo	28.92 345	P	P	04 15 28.7	+1.4	
PB14	IPOC Station P		S	04 10 19.7	-1.6	LPA La Plata		SS	04 16 11.5	+1.4	OTAV comp-Z,150umcomp-Z,171umcomp-Z,442nm,2.1s						
ACLCL	CERRO LA CRUZ		eP	04 10 32.2	+3.4	SJMY San Joaquin	13.82 81	eP	04 12 36.6	-7.0	OTAV Otavalo	28.92 345	P	P	04 15 28.5	+1.2	
ACLCL			Sn	04 11 19.5	+4.4	MJRT Miraflores	13.83 86	eP	04 12 36.9	-7.0	OTAV Otavalo	28.92 345	P	P	04 15 28.3	+0.9	
ACLCL			eS	04 11 19.5	+4.4	COMI Forte Coimbra	14.63 60	eP	04 12 49.1	-5.7	OTAV Otavalo	28.92 345	P	P	04 15 30.3	+3.0	
ACLCL			IAML	04 11 34.6		BQVN Bodoquena, MS	15.14 63	eP	04 12 56.0	-5.6	OTAV Otavalo	28.92 345	eP	P	04 15 27.1	-0.3	
CO04	Los Peladeros		eP	04 10 29.3	-0.6	SDN San Ignacio	15.16 40	eP	04 12 56.4	-5.6	CUSE Cuicocha Este	28.98 345	P	P	04 15 29.9	+2.1	
RTLL	Cerro Villicum		eP	04 10 32.5	+2.5	comp-Z,1.2nm,0.3s,baz=239,slow=13,SNR=21.4			04 15 45.8	-3.8	SJMB Sao Joao De Ma	28.98 78	eP	P	04 15 25.2	-2.2	
RTLL			IAML	04 11 59.2		comp-Z,0.4nm,0.3s,baz=239,slow=19,SNR=1.4					SJMB Sao Joao De Ma	28.98 78	eP	P	04 15 22.2	-5.1	
RTLS	Leonicito		eP	04 10 34.2	+3.1	SIV LL02 Futaleuf	15.18 182	AML	04 13 00.9	-1.1	SDBA SAO DESIDERIO	29.03 63	eP	P	04 15 23.5	-2.6	
ZON	Zonda		eP	04 10 33.9	+2.7	LL02 Futaleuf	15.18 182	eP	04 13 04.7	-2.3	PACTI Pacto, Paraso	29.03 344	P	P	04 15 23.7	-4.1	
ZON			IAML	04 11 58.8		GO07 Milladeo Hill,	15.23 187	eP	04 13 02.6	0.0	OTAV comp-Z,190umcomp-Z,219umcomp-Z,271nm,1.8s						
ZON	Zonda		Pn	04 10 33.3	+2.1	GO07 Milladeo Hill,	15.23 187	eP	04 13 02.6	0.0	ARCA Araçuaí, MG	29.12 74	eP	P	04 15 23.5	-5.1	
ZON	Zonda		Pn	04 10 33.2	+2.1	GO07 Milladeo Hill,	15.23 187	eP	04 13 02.6	0.0	BSFB Barra de Sao F	29.22 78	eP	P	04 15 27.3	-2.2	
SJA	San Juan		eP	04 10 14.7	+3.0	GO07 Milladeo Hill,	15.23 187	eP	04 13 02.6	0.0	BSFB Barra de Sao F	29.22 78	eP	P	04 15 25.3	-4.2	
SJA			IAML	04 12 14.3		comp-Z,1.19um,19.9s			04 13 02.5	-0.1	TULM Tulcin-Chalpat	29.24 346	P	P	04 15 35.5	+5.3	
CFA	Coronel Fontan		4.42 145	Pn	04 10 36.4	+1.6	CPBS Cacapava Do Su	15.68 103	P	04 13 04.3	-4.3	TULM Tulcin-Chalpat	29.24 346	P	P	04 15 35.5	+5.3
CFA			comp-Z,2.49nm,0.3s,baz=320,slow=14,SNR=580						04 13 04.3	-4.3	CPBS Cacapava Do Su	15.68 103	P	P	04 15 35.5	+5.3	
CFA			comp-Z,532nm,0.3s,baz=328,slow=15,SNR=5.8						04 13 28.5	+1.0	AQDB Aquidauana	15.96 65	eP	Pn	04 13 11.9	-0.4	
CFA			comp-Z,636nm,0.3s,baz=266,slow=19,SNR=5.8						04 13 08.4	-4.0	AQDB Aquidauana	15.96 65	eP	Pn	04 13 08.4	-4.0	
CFA			comp-Z,744um,18.7s,baz=327,slow=45						04 13 16.9	-3.3	PTLB Pontes e Lacer	16.74 34	eP	Pn	04 13 16.9	-3.3	
CFA			comp-Z,697nm,0.4s						04 13 18.2	-4.1	PTLB Pontes e Lacer	16.74 34	eP	Pn	04 13 18.2	-4.1	
CFA	Coronel Fontan		4.42 145	eP	04 10 37.1	+2.4	NNA Nana	16.78 340	Pn	04 13 25.0	0.0	MACC Macarena, Meta	30.07 355	P	P	04 15 37.0	0.0
CFA	Choya		4.76 97	eP	04 10 32.7	+3.2	NNA Nana	16.78 340	Pn	04 13 25.0	0.0	GARC Garzon, Huila	30.29 351	P	P	04 15 38.8	-0.4
VA03	San Esteban		4.79 174	eP	04 10 40.1	+0.2	NNA Nana	16.78 340	Pn	04 13 25.0	0.0	BBAC Barbosa, Cauca	30.40 348	P	P	04 15 41.1	+0.9
VA03	San Esteban		4.79 174	eP	04 10 39.8	-0.1	NNA Nana	16.78 340	Pn	04 13 25.0	0.0	ATM1 UHE Belo Monte	30.50 40	eP	P	04 15 38.9	-1.9
VA01	Torpederas		5.03 185	P	04 10 40.7	-2.5	NNA Nana	16.78 340	Pn	04 13 25.0	0.0	POPC Popayan, Colom	30.81 349	P	P	04 15 44.4	+0.6
VA01	Torpederas		5.03 185	P	04 10 41.1	-2.1	NNA Nana	16.78 340	Pn	04 13 25.0	0.0	BM01 UHE Belo Monte	30.87 40	eP	P	04 15 42.2	-1.9
PEL	Peledue		5.16 175	eP	04 10 33.9	+1.0	NNA Nana	16.78 340	Pn	04 13 25.0	0.0	PAL2 UHE Estreito -	30.93 51	P	P	04 15 42.7	-1.9
PEL			IVMS_BB IVMS_BB	04 12 26.2		AYSN Puerto Aysn	17.40 184	eP	04 13 28.5	-1.8	GUAO1 Guaratinga, BA	31.07 75	P	P	04 15 43.7	-2.2	
PEL				04 10 44.3	-0.6	AYSN Puerto Aysn	17.40 184	eP	04 13 28.5	-1.8	GUAO1 Guaratinga, BA	31.07 75	P	P	04 15 41.9	-4.0	
PEL				04 10 45.5	+0.6	AYSN Puerto Aysn	17.40 184	eP	04 13 28.5	-1.8	PRAC Prado	31.72 357	P	P	04 15 51.9	+0.3	
PEL				04 10 44.4	-0.6	PTGB Pitanga	17.43 84	P	04 13 28.5	-1.8	PRAC Prado	31.72 357	P	P	04 15 53.6	+2.0	
PEL				04 10 45.5	+0.6	PTGB Pitanga	17.43 84	eP	04 13 28.5	-1.8	CMC01 Camacan, BA	31.89 73	P	P	04 15 51.2	-1.7	
PEL				04 10 58.8	-1.1	TRCB Terra Rica	17.53 77	Pn	04 13 28.5	-1.8	CMC01 Camacan, BA	31.89 73	P	P	04 15 47.6	-5.4	
PEL				04 10 42.8	-2.6	TRCB Terra Rica	17.53 77	Pn	04 13 28.5	-1.8	BOAV Boa Vista	31.90 20	P	P	04 15 52.5	+0.6	
PEL				04 10 43.5	-2.0	TRCB Terra Rica	17.53 77	Pn	04 13 28.5	-1.8	BOAV Boa Vista	31.90 20	P	P	04 15 51.8	-1.3	
PEL				04 10 44.3	-1.4	TRCB Terra Rica	17.53 77	Pn	04 13 28.5	-1.8	BOAV Boa Vista	31.90 20	P	P	04 15 51.0	-2.1	
PEL				04 10 47.2	-1.0	TRCB Terra Rica	17.53 77	Pn	04 13 28.5	-1.8	BOAV Boa Vista	31.90 20	P	P	04 15 53.9	+1.7	
PEL				04 10 48.6	-0.3	TRCB Terra Rica	17.53 77	Pn	04 13 28.5	-1.8	BOAV Boa Vista	31.90 20	P	P	04 15 56.0	+1.8	
PEL				04 10 46.8	-2.5	TRCB Terra Rica	17.53 77	Pn	04 13 28.5	-1.8	BOAV Boa Vista	31.90 20	P	P	04 15 54.3	-1.2	
PEL				04 10 47.2	-1.9	TRCB Terra Rica	17.53 77	Pn	04 13 28.5	-1.8	BOAV Boa Vista	31.90 20	P	P	04 15 50.8	-4.7	
PEL				04 12 09.0	+0.2	TRCB Terra Rica	17.53 77	Pn	04 13 28.5	-1.8	BOAV Boa Vista	31.90 20	P	P	04 16 00.1	+1.7	
PEL				04 10 52.2	-0.4	TRCB Terra Rica	17.53 77	Pn	04 13 28.5	-1.8	BOAV Boa Vista	31.90 20	P	P	04 15 58.6	-0.4	
PEL				04 11 00.9	-1.4	TRCB Terra Rica	17.53 77	Pn	04 13 28.5	-1.8	BOAV Boa Vista	31.90 20	P	P	04 16 03.4	+2.1	
PEL				04 12 37.3	+1.2	TRCB Terra Rica	17.53 77	Pn	04 13 28.5	-1.8	BOAV Boa Vista	31.90 20	P	P	04 16 19.1	+1.2	
PEL				04 11 03.4	-3.3	TRCB Terra Rica	17.53 77	Pn	04 13 28.5	-1.8	BOAV Boa Vista	31.90 20	P	P	04 16 28.4		
PEL				04 13 42.4		TRCB Terra Rica	17.53 77	Pn	04 13 28.5	-1.8	BOAV Boa Vista	31.90 20	P	P	04 16 05.4	-0.2	
PEL				04 11 03.5	-3.3	TRCB Terra Rica	17.53 77	Pn	04 13 28.5	-1.8	BOAV Boa Vista	31.90 20	P	P	04 16 06.6	-2.3	
PEL				04 11 03.5	-3.3	TRCB Terra Rica	17.53 77	Pn	04 13 28.5	-1.8	BOAV Boa Vista	31.90 20	P	P	04 16 05.1	-3.2	
PEL				04 12 52.6	+7.0	TRCB Terra Rica	17.53 77	Pn	04 13 28.5	-1.8	BOAV Boa Vista	31.90 20	P	P	04 16 09.1	-0.6	
PEL				04 11 05.8	-1.6	TRCB Terra Rica	17.53 77	Pn	04 13 28.5	-1.8	BOAV Boa Vista	31.90 20	P	P	04 16 11.4	+1.7	
PEL				04 10 07.2	-3.4	TRCB Terra Rica	17.53 77	Pn	04 13 28.5	-1.8	BOAV Boa Vista	31.90 20	P	P	04 16 11.7	+0.2	
PEL				04 11 06.8	-3.8	TRCB Terra Rica	17.53 77	Pn	04 13 28.5	-1.8	BOAV Boa Vista	31.90 20	P	P	04 16 13.2	-2.4	
PEL				04 11 12.4	-3.9	TRCB Terra Rica	17.53 77	Pn	04 13 28.5	-1.8	BOAV Boa Vista	31.90 20	P	P	04 16 22.6	+1.5	
PEL				04 11 07.2		TRCB Terra Rica	17.53 77	Pn	04 13 28.5	-1.8	BOAV Boa Vista	31.90 20	P	P	04 16 26.3	+1.8	
PEL				04 11 12.8	-3.5	TRCB Terra Rica	17.53 77	Pn	04 13 28.5	-1.8	BOAV Boa Vista	31.90 20	P	P	04 16 27.1	+0.3	
PEL				04 11 23.6	-1.1	TRCB Terra Rica	17.53 77	Pn	04 13 28.5	-1.8	BOAV Boa Vista	31.90 20	P	P	04 16 31.2	+2.0	
PEL				04 11 21.9	-2.8	TRCB Terra Rica	17.53 77	Pn	04 13 28.5	-1.8	BOAV Boa Vista	31.90 20	P	P	04 16 30.2	-2.0	
PEL				04 14 24.0		TRCB Terra Rica	17.53 77	Pn	04 13 28.5	-1.8	BOAV Boa Vista	31.90 20	P	P	04 16 29.5	+0.6	
PEL				04 11 24.0	-4.4	TRCB Terra Rica	17.53 77	Pn	04 13 28.5	-1.8	BOAV Boa Vista	31.90 20	P	P	04 16 31.5	+0.5	
PEL				04 14 33.5		TRCB Terra Rica	17.53 77	Pn	04 13 28.5	-1.8	BOAV Boa Vista	31.90 20	P	P	04 16 32.5	+0.4	

SJS3 Mercedes San J	39.71 340	eP	P	04 17 03.6 +3.3
BELE Belen	39.79 340	eP	P	04 17 03.2 +2.4
HDC Heredia	39.79 340	↑P	P	04 17 02.7 +1.8
HDC Heredia	39.79 340	eP	P	04 17 02.7 +1.8
HDC Heredia	39.79 340	eP	P	04 17 04.0 +3.1
TRB2 Turruabares	39.81 339	P	P	04 17 03.6 +2.7
TC51 Tacares	39.88 340	P	P	04 17 04.6 +3.0
TC51 Tacares	39.88 340	eP	P	04 17 04.3 +2.6
VBV1 V. Barva	39.89 340	eP	P	04 17 03.8 +1.7
PILE Guapiles	39.90 340	eP	P	04 17 04.6 +3.0
VPS5 V. Poas	40.00 340	eP	P	04 17 05.0 +2.1
ZARE Zarco	40.05 340	eP	P	04 17 06.5 +3.4
VPL1 V. Platanar	40.11 340	eP	P	04 17 06.0 +2.4
ARTO Ro Cuarto	40.14 340	eP	P	04 17 05.5 +1.7
VPL2 V. Platanar	40.16 340	eP	P	04 17 06.5 +2.5
NBPV Pedro Velho	40.19 65	P	P	04 17 03.0 +1.2
NBPV Pedro Velho	40.19 65	eP	P	04 16 59.2 -5.0
CMARA Lajas Hojanca	40.22 338	eP	P	04 17 05.9 +1.5
SMAI San Martin Ant	40.24 178	P	P	04 17 03.1 -0.8
MTEVE Monteverde	40.31 339	eP	P	04 17 07.6 +2.3
JUNT Juntas	40.32 339	eP	P	04 17 08.5 +3.4
JTS Las Juntas de	40.32 339	eP	P	04 17 06.3 +1.1
JTS Las Juntas de	40.32 339	eP	P	04 17 07.7 +2.5
JTS comp=Z.799nm,1.9s			pmax	pmax
JTS comp=Z.51um,19.0s			MLR	MLR
JTS Las Juntas de	40.32 339	↑P	P	04 17 06.8 +1.6
JTS Las Juntas de	40.32 339	eP	P	04 17 06.8 +1.6
JTS Las Juntas de	40.32 339	eP	P	04 17 07.6 +2.4
JTS Las Juntas de	40.32 339	eP	P	04 17 07.7 +2.5
CASO Castillo	40.33 339	eP	P	04 17 08.3 +2.5
JUD3 Juan Diaz 3	40.40 338	eP	P	04 17 07.8 +1.9
VACR Volcan Arenal	40.41 339	eP	P	04 17 08.3 +2.4
ARE1 Arenal 1	40.41 339	eP	P	04 17 07.6 +1.7
VAREZ V. Arenal	40.41 339	eP	P	04 17 08.3 +2.3
CEDE Laguna Cedeo	40.43 339	eP	P	04 17 08.7 +1.7
TABAC Tabacon	40.46 339	eP	P	04 17 08.4 +2.0
TILA Tilaran	40.50 339	eP	P	04 17 08.4 +1.7
CNAS Canas	40.50 339	eP	P	04 17 10.4 +3.8
COVE Coepe Vega, Sa	40.56 340	eP	P	04 17 09.5 +2.4
COTE Lago Coite	40.57 340	eP	P	04 17 09.8 +2.2
QUMB Quebradon, Cot	40.62 339	eP	P	04 17 08.2 +2.4
TIEP Tierras Morena	40.62 339	eP	P	04 17 09.6 +1.9
TENO El Achiotle	40.72 339	eP	P	04 17 10.4 +1.9
CUI Cuiplapa	40.74 339	eP	P	04 17 10.6 +2.0
HORNH Hornillos	40.79 339	eP	P	04 17 13.1 +3.9
ALIBA Liberia Airpor	40.80 339	eP	P	04 17 11.4 +2.4
MESS Mesas	40.83 339	eP	P	04 17 10.7 +1.4
CLARA Aguas Claras	40.86 339	eP	P	04 17 11.4 +1.8
CANAL Canalete	40.87 339	eP	P	04 17 11.6 +1.9
VMAR Armenia, Volca	40.87 339	eP	P	04 17 11.6 +1.9
GPSZ Hotel Rincon d	40.89 338	eP	P	04 17 12.3 +2.4
UPAL Upala	40.91 339	eP	P	04 17 12.2 +2.2
UPAL Upala	40.91 339	eP	P	04 17 11.6 +1.5
VRLE La Escondida,	40.92 338	eP	P	04 17 12.2 +1.9
LAPRC Finca la Perla	40.93 338	eP	P	04 17 11.9 +1.7
GRGG Grenville	40.94 14	P	P	04 17 09.2 -1.0
GRGR comp=Z.136um,21.0s			IAMs_20	IAMs_20
GRGR Grenville	40.94 14	P	P	04 17 09.2 -1.0
GRGR Grenville	40.94 14	P	P	04 17 09.7 -0.5
VORI VORI	40.95 338	eP	P	04 17 11.6 +1.0
LCHIL Los Chiles	40.95 339	eP	P	04 17 14.2 +3.8
LCRUZ La Cruz	41.28 338	eP	P	04 17 14.9 +1.8
CARN Rivas	41.35 338	eP	P	04 17 19.0 +5.4
CARN Rivas	41.35 338	eP	P	04 17 14.9 +1.2
BLUN Bluefields	41.59 341	eP	P	04 17 18.3 +2.7
OMER Al SSO del Vol	42.01 338	eP	P	04 17 12.5 +3.3
NADN Granada	42.04 338	eP	P	04 17 22.0 +2.7
NANN Nandasno	42.04 338	eP	P	04 17 23.1 +3.8
NANN Nandasno	42.25 338	eP	P	04 17 23.7 +2.7
PRVC Isla de Provid	42.29 345	eP	P	04 17 22.7 +1.4
PRVC Isla de Provid	42.29 345	eP	P	04 17 21.8 +0.5
BGGH Gun Hill	42.41 17	P	P	04 17 24.3 +2.0
BGGH Gun Hill	42.41 17	P	P	04 17 25.9 +3.6
BGGH Gun Hill	42.41 17	P	P	04 17 25.7 +3.4
WILN Americas 2	42.47 338	eP	P	04 17 25.4 +2.6
MGAN Managua	42.49 338	eP	P	04 17 23.0 +0.1
MGAN Managua	42.49 338	eP	P	04 17 23.0 +0.1
MGAN comp=Z.15um,comp=Z.451nm,2.1s				
MGAN comp=Z.136um,21.0s			sP	sP
TISAN Laguna Tiscapa	42.49 338	eP	P	04 17 23.7 +3.9
BOAB BOACO BROADBA	42.58 339	eP	P	04 17 21.9 +1.8
BOAB BOACO BROADBA	42.58 339	eP	P	04 17 37.5
BOAB comp=Z.2um,1.7s			IAMB	IAMB
BOAB BOACO BROADBA	42.58 339	↑P	P	04 17 23.6 -0.1
BOAB BOACO BROADBA	42.58 339	eP	P	04 17 24.3 +0.6
BOAB BOACO BROADBA	42.58 339	eP	P	04 17 24.5 +0.9
CNGN Cerro Negro	42.97 337	P	P	04 17 27.6 +0.7
H05S1 Guadalupe/Mar	43.54 15	P	P	04 17 29.6 -0.2
MPOM Morne Pois Mar	43.35 15	P	P	04 17 29.0 -0.9
MPOM comp=Z.999nm,0.9s			IAMB	IAMB
MPOM comp=Z.999nm,20.0s			IAMs_20	IAMs_20
MPOM Morne Pois Mar	43.35 15	P	P	04 36 57.6
MPOM comp=Z.99um,20.0s			IAMs_20	IAMs_20
MPOM Morne Pois Mar	43.35 15	P	P	04 17 26.7 -3.2
BIM Bigot	43.37 14	P	P	04 17 29.5 -0.6
BIM comp=Z.935nm,0.8s			IAMB	IAMB
BIM comp=Z.96um,21.0s			IAMs_20	IAMs_20
BIM Bigot	43.37 14	P	P	04 17 26.3 -3.8
BLN Bilvi Airport	43.43 343	P	P	04 17 34.6 +4.0
SIUN Universidad Ur	43.50 341	P	P	04 17 31.8 +0.7
PDFM Morne la Roset	43.56 14	IAMs_20	IAMs_20	04 36 34.5
CXM Morne La Croix	43.64 14	P	P	04 17 31.4 -1.0
CXM comp=Z.512nm,0.8s			IAMB	IAMB
ILAM Ilet Lapin Mar	43.67 15	P	P	04 17 32.2 -0.2
ILAM comp=Z.686nm,1.0s			IAMB	IAMB
ILAM comp=Z.119um,22.0s			IAMs_20	IAMs_20
ILAM Ilet Lapin Mar	43.67 15	P	P	04 17 29.9 -2.5
SVN Savane Anotole	43.67 14	P	P	04 17 31.8 -0.7
SVN comp=Z.604nm,0.7s			IAMB	IAMB
SVN comp=Z.90um,20.0s			IAMs_20	IAMs_20
SVN Savane Anotole	43.67 14	P	P	04 17 29.9 -2.6
CSGN Cosiguina Volc	43.71 337	P	P	04 17 37.3 +4.4
RCFN Al S de San Ju	43.77 351	P	P	04 17 35.1 -1.7
RCVN Varillal	43.81 339	P	P	04 17 35.3 +1.5
OCOH Estacion meteo	43.95 338	P	P	04 17 35.9 +1.1
CNCH Conchagua	44.08 336	P	P	04 17 37.6 +1.7
LCND La Caada	44.13 336	P	P	04 17 37.9 +1.7
RANC El Rancho	44.39 336	P	P	04 17 33.3 -5.1
ALJU Alcalde de J	44.40 335	P	P	04 17 40.0 +2.3
PACA Pacayal	44.44 336	P	P	04 17 41.1 +2.3
TDBA Terre de Bas,	44.55 13	P	P	04 17 39.5 0.0
TDBA Terre de Bas,	44.55 13	P	P	04 17 38.3 -1.2
TGUH Tegucigalpa,Un	44.61 337	P	P	04 17 38.8 -1.4
TGUH Tegucigalpa,Un	44.61 337	↑P	P	04 17 40.0 -0.2
TGUH Tegucigalpa,Un	44.61 337	P	P	04 17 41.4 +1.1
TGUH Tegucigalpa,Un	44.61 337	P	P	04 17 41.3 +1.1
TECO Alcaidia de Te	44.67 335	P	P	04 17 43.0 +2.5
MAGL Barre de l'ile	44.72 14	IAMs_20	IAMs_20	04 39 08.8
CBE Ff, Capester	44.77 13	P	P	04 17 40.7 -0.6
CBE comp=Z.102um,20.0s			IAMs_20	IAMs_20
CBE Ff, Capester	44.77 13	P	P	04 17 41.7 +0.4
CBE Ff, Capester	44.77 13	P	P	04 17 40.3 -1.0
COEG Centro de Oper	44.78 335	P	P	04 17 43.8 +2.3
LALI Alcaidia de L	44.83 335	P	P	04 17 43.8 +2.3
PAVA Las Pavas	44.89 335	P	P	04 17 44.3 +2.0
LOMA Loma Larga	44.91 335	P	P	04 17 44.8 +2.2
GDHS Morne Mazaueu,	44.93 13	P	P	04 17 41.5 -1.1

GDHS comp=Z.104um,20.0s			IAMs_20	IAMs_20	04 38 02.9
GDHS Morne Mazaueu,	44.93 13	P	P	04 17 39.2 -3.4	
JAYA comp=Z.93um,comp=Z.7um,comp=Z.244nm,1.2s					
PMON Piamonte	45.02 334	P	P	04 17 46.0 +2.4	
P3NO Presa 5 de nov	45.07 336	P	P	04 17 45.8 +2.1	
GDSD La Disraide Is	45.12 14	P	P	04 17 41.9 -2.2	
GDSD comp=Z.7um,20.0s			IAMs_20	IAMs_20	04 37 40.3
GDSD La Disraide Is	45.12 14	P	P	04 17 39.6 -4.4	
H05N1 Guadalupe/Mar	45.12 14	P	P	04 17 43.1 -1.0	
CEDA Andres	45.14 335	P	P	04 17 46.5 +2.2	
ABD La Joyeuse, An	45.19 13	IAMs_20	IAMs_20	04 38 09.2	
CEVE Cerro Verde	45.25 334	P	P	04 17 47.8 +2.3	
NUBC Universidad Ca	45.36 335	P	P	04 17 51.0 +4.9	
FAME Alcaidia de Sa	45.42 334	P	P	04 17 48.7 +2.4	
MTO3 Montecristo	45.67 335	P	P	04 17 50.9 +4.5	
SARH Santa Rosa de	45.80 336	P	P	04 17 52.6 +3.1	
ESQJ Esquiapas	45.81 335	P	P	04 17 52.1 +2.3	
MLPR Malpais Cotta	45.83 352	iP	P	04 17 51.4 +1.8	
CRPR Cabo Rojo, PR	45.89 5	P	P	04 17 49.3 -0.8	
SEUS St. Eustatius	45.90 11	P	P	04 17 49.5 -0.7	
SEUS St. Eustatius	45.90 11	P	P	04 17 49.9 -0.4	
OBIOP Obispo Ponce	45.97 6	IAMB	IAMB	04 17 54.3	
SABA Saba	45.99 11	IAMB	IAMB	04 17 55.7	
SABA comp=Z.491nm,0.8s					
SABA Saba	45.99 11	P	P	04 17 51.3 +0.3	
SABA Saba	45.99 11	P	P	04 17 47.9 -3.0	
PDPR Patillas Dam,	46.01 7	IAMB	IAMB	04 17 53.2	
CELP Cerrillos	46.01 6	P	P	04 17 49.7 -1.3	
HOJ Hope	46.04 353	iP	P	04 17 53.2 -1.9	
HOC Malvern	46.08 351	iP	P	04 17 56.1 -0.3	
SJG San Juan	46.09 7	LR	LR	04 17 53.0 +1.3	
SJG comp=Z.99um,19.3s,slow=6.1				04 39 11.8	
SJG San Juan	46.09 7	P	P	04 17 49.1 -2.5	
SJG comp=Z.465nm,0.8s			pmax	pmax	
SJG San Juan	46.09 7	P	P	04 17 49.1 -2.5	
SJG comp=Z.47um,19.0s			MLR	MLR	
SJG San Juan	46.09 7	P	P	04 17 49.1 -2.5	
SJG comp=Z.465nm,0.8s			IAMB	IAMB	
SJG San Juan	46.09 7	P	P	04 17 50.4 -1.2	
SJG San Juan	46.09 7	P	P	04 17 50.1 -1.5	
PRSN Puerto Rico Se	46.10 5	IAMB	IAMB	04 17 56.0	
GWJ Greenwhich	46.11 353	iP	P	04 17 51.8 -0.2	
GWJ Greenwhich	46.11 353	iP	P	04 17 52.8 -4.2	
BANI BANI	46.11 1	P	P	04 17 51.5 -0.5	
STH Stony Hill	46.12 353	iP	P	04 17 52.6 +0.6	
STH Stony Hill	46.12 353	eP	P	04 17 52.7 -4.3	
STH Stony Hill	46.12 353	eP	P	04 17 47.8 -4.2	
SDD Santo Domingo	46.19 2	P	P	04 17 52.9 +0.5	
LGNH Logne	46.25 358	P	P	04 17 54.1 +1.2	
AOPR Arecibo Obsrv	46.26 6	IAMB	IAMB	04 17 51.5 -1.6	
ECPR Experimental S	46.27 6	P	P	04 17 50.6 -2.6	
ECPR comp=Z.410nm,0.9s			IAMB	IAMB	
ANWB Willy Bob	46.29 12	IAMB	IAMB	04 17 53.9	
ANWB comp=Z.463nm,0.8s			IAMs_20	IAMs_20	
ANWB Willy Bob	46.29 12	P	P	04 38 41.4	
ANWB Willy Bob	46.29 12	P	P	04 17 51.1 -2.2	
ANWB Willy Bob	46.29 12	P	P	04 17 48.7 -4.5	
AGPR Aguadilla, PR	46.35 5	IAMB	IAMB	04 18 59.8	
CVJ Celpe	46.35 352	iP	P	04 17 54.3 +0.4	
SMRT St. Maarten	46.44 11	P	P	04 17 52.7 -1.7	
SMRT comp=Z.72um,18.0s			IAMs_20	IAMs_20	
SMRT St. Maarten	46.44 11	P	P	04 17 50.6 -3.8	
APG El Apazote	46.65 334	LR	LR	04 33 40.2	
APG comp=Z.5um,20.2s,baz=64,slow=31					
SDDR Presa de Saban	46.69 360	IAMB	IAMB	04 39 56.3	
SDDR comp=Z.89um,19.0s					
SDDR Presa de Saban	46.69 360	↑P	P	04 17 55.6 -0.9	
SDDR Presa de Saban	46.69 360	iP	P	04 17 56.6 +0.1	
SDDR Presa de Saban	46.69 360	P	P	04 17 56.8 +0.3	
SDDR Presa de Saban	46.69 360	eP	P	04 17 54.3 -2.2	
SDDR Presa de Saban	46.69 360	eP	P	04 17 56.8 +0.3	
RCAL Retalhuleu	46.71 332	P	P	04 17 59.5 +2.9	
STO Santiago de lo	47.14 1	P	P	04 18 01.0 +1.1	
HUEH Huehuetenango	47.34 333	P	P	04 18 03.8 +1.9	
GTBY Guantnamo Bay	47.39 355	IAMB	IAMB	04 18 04.3 -0.6	
GTBY comp=Z.611nm,1.0s					
GTBY Guantnamo Bay	47.39 3				

KESW	comp=Z,25um,comp=Z,2um,comp=Z,37nm,1.4s,comp=Z,2um	Keswick, Cumb	100.80	33	eP	Pdif	04 23 15.5	+0.3
KESW	comp=Z,24um,comp=Z,2um,comp=Z,30nm,1.0s	W Keswick, Cumb	100.80	33	P	Pdif	04 23 17.6	+1.8
ORIF	comp=Z,193nm,1.0s	Oris-en-Rattie	100.82	45	P	Pdif	04 23 17.5	+1.2
ORIF	comp=Z,28um,comp=Z,2um,comp=Z,193nm,1.0s	Oris-en-Rattie	100.82	45	P	Pdif	04 23 17.5	+1.2
CALF	comp=Z,27um,comp=Z,3um,comp=Z,245nm,1.0s,comp=Z,3um	Calern	100.92	46	P	Pdif	04 23 19.5	+2.6
TAU	comp=Z,32um,22.0s	Tasmani Univ	101.06	20	IAMS_20	IAMS_20	04 58 01.4	
EAB	comp=Z,775um,20.0s	Aberfoyle	101.10	32	eP	Pdif	04 23 17.4	+0.3
ESK	comp=Z,24um,comp=Z,2um,comp=Z,29nm,1.0s	Eskdalemuir	101.15	33	P	Pdif	04 23 19.4	+2.1
ESK	comp=Z,24um,comp=Z,2um,comp=Z,29nm,1.0s	Eskdalemuir	101.15	33	P	Pdif	04 23 19.5	+2.1
KPL	comp=Z,24um,19.1s	Plockton	101.16	30	eP	Pdif	04 23 16.8	-0.5
EKA	comp=Z,2.1nm,0.8s,baz=218,slow=3.8,SNR=16	Eskdalemuir Ar	101.18	33	P	Pdif	04 23 16.8	-0.8
EKA	comp=Z,2.9nm,0.8s,baz=239,slow=4.5,SNR=25	Eskdalemuir	101.25	46	P	Pdif	04 27 25.7	-1.3
ISO	comp=Z,2.2nm,0.7s,baz=54,slow=4.2,SNR=4.7	Isola	101.21	46	P	Pdif	04 23 20.5	+2.5
P33M	comp=Z,27um,22.0s	Teslin, Yukon	101.23	333	IAMS_20	IAMS_20	05 05 09.2	
MON	comp=Z,25um,comp=Z,2um,comp=Z,163nm,1.1s,comp=Z,3um	Monaco	101.24	46	P	Pdif	04 23 21.5	+3.5
ESCA	comp=Z,3um,comp=Z,197nm,1.1s,comp=Z,3um	L'Escadre	101.25	46	P	Pdif	04 23 20.7	+2.5
S31K	comp=Z,29um,22.0s	Pelican	101.31	330	IAMS_20	IAMS_20	05 05 00.5	
INVG	comp=Z,74um,19.8s	Invergelde, C	101.37	31	eP	Pdif	04 23 18.7	+0.4
EDMD	comp=Z,47um,22.1s	Edmundbyers	101.49	34	eP	Pdif	04 23 18.6	-0.2
EDMD	comp=Z,23um,comp=Z,2um,comp=Z,62nm,1.6s	Edmundbyers	101.69	36	eP	Pdif	04 23 20.1	+1.1
WACR	comp=Z,25um,20.7s	West Acre	101.83	44	P	Pdif	04 23 22.8	+2.1
GIMEL	comp=Z,27um,comp=Z,2um,comp=Z,41nm,2.2s	St. Georges /	102.17	38	dP	Pdif	04 23 21.1	-0.9
BOST	comp=Z,49nm,1.0s	Ostende	102.52	39	dP	Pdif	04 23 25.2	+1.7
BSKO	comp=Z,27nm,1.1s	Dourbes	102.54	40	dP	Pdif	04 23 23.5	-1.1
UCC	comp=Z,29um,22.0s	Uccle	102.74	39	dP	Pdif	04 23 24.2	-0.4
UCC	comp=Z,2um,comp=Z,234nm,comp=Z,8.5nm,0.9s,comp=Z,234nm	Uccle	102.74	39	P	Pdif	04 23 26.0	+1.5
SUMG	comp=Z,25um,21.0s	Summit	102.77	10	IAMS_20	IAMS_20	05 09 36.7	
BOURR	comp=Z,23um,comp=Z,2um,comp=Z,44nm,1.7s,comp=Z,2um	Bourrignon	102.81	43	P	Pdif	04 23 26.9	+1.8
P29M	comp=Z,21um,20.0s	Windy Craggy	102.91	331	IAMS_20	IAMS_20	05 08 12.6	
RCHB	comp=Z,14nm,1.4s	Rochefort	102.93	40	dP	Pdif	04 23 25.0	-0.4
RCHB	comp=Z,12s,comp=Z,32um,comp=Z,2um	Rochefort	102.93	40	P	Pdif	04 23 25.3	-0.1
M31H	comp=Z,25um,19.0s	Drury Creek, Y	103.03	335	IAMS_20	IAMS_20	05 15 33.9	
BCLA	comp=Z,12nm,1.0s	Clavier	103.09	40	dP	Pdif	04 23 24.2	-1.9
ECH	comp=Z,21um,comp=Z,2um,comp=Z,32nm,2.3s,comp=Z,2um	Echer	103.15	42	P	Pdif	04 23 26.6	+0.1
N31M	comp=Z,31um,21.0s	Braeburn, Yuko	103.16	334	IAMS_20	IAMS_20	05 08 13.3	
WLF	comp=Z,84nm,2.1s	Walferdange	103.23	41	dP	Pdif	04 23 25.8	-0.9
WLF	comp=Z,39nm,1.1s	Walferdange	103.23	41	eP	Pdif	04 23 29.2	+2.5
WLF	comp=Z,21um,20.0s	Walferdange	103.23	41	eP	Pdif	04 23 27.4	+0.7
BNALP	comp=Z,25um,comp=Z,2um,comp=Z,53nm,1.1s,comp=Z,2um	Bannalp	103.34	47	P	Pdif	04 23 29.6	+2.3
VLC	comp=Z,25um,comp=Z,2um,comp=Z,42nm,1.0s,comp=Z,2um	Willacolemand	103.34	47	P	Pdif	04 23 30.6	+3.2
MEM	comp=Z,21um,0.9s	Membach	103.58	40	dP	Pdif	04 23 28.9	+0.6
MEM	comp=Z,11um,comp=Z,1um,comp=Z,34nm,0.9s,comp=Z,1um	Membach	103.58	40	P	Pdif	04 23 30.0	+1.7
BOPT	comp=Z,20um,comp=Z,2um,comp=Z,26nm,1.3s,comp=Z,2um	Opiter	103.60	39	dP	Pdif	04 23 26.8	-1.6
HGN	comp=Z,21um,20.0s	Heimangroevre	103.61	40	P	Pdif	04 23 29.9	+1.5
O29M	comp=Z,21um,20.0s	Mount Kennedy	103.63	332	IAMS_20	IAMS_20	05 05 15.6	
BTNL	comp=Z,12nm,1.0s	Ternell	103.64	40	dP	Pdif	04 23 29.7	+1.1
TUE	comp=Z,8um,comp=Z,307nm,1.9s	Stuetz	103.69	45	P	Pdif	04 23 29.0	-0.2
TUE	comp=Z,26um,comp=Z,2um,comp=Z,77nm,1.9s,comp=Z,2um	Stuetz	103.69	45	P	Pdif	04 23 29.8	+0.6
SFO	comp=Z,2um,comp=Z,2um,comp=Z,40nm,1.9s,comp=Z,2um	Schleithelm	103.74	43	P	Pdif	04 23 31.1	+2.0
BLE	comp=Z,27um,19.0s	Black Forest	103.90	43	eP	Pdif	05 13 40.4	
BFO	comp=Z,27um,19.0s	Black Forest	103.90	43	eP	Pdif	04 23 31.8	+1.9
BFO	comp=Z,27um,19.0s	Black Forest	103.90	43	eP	Pdif	04 27 46.0	-1.6
DAVOX	comp=Z,47nm,0.9s,baz=294,slow=1.8,SNR=34	Davos/Dischmat	104.16	44	Pdif	Pdif	04 23 31.5	+0.3
DAVOX	comp=Z,9.2nm,0.8s,baz=201,slow=6.2,SNR=3.6	Davos/Dischmat	104.22	15	IAMS_20	IAMS_20	05 06 34.2	
PCA	comp=Z,21um,22.0s	Pinnacle	104.23	331	IAMS_20	IAMS_20	05 07 24.5	
TULEG	comp=Z,18um,18.0s	Thule	104.29	1	IAMS_20	IAMS_20	05 18 45.2	
FUORN	comp=Z,25um,comp=Z,2um,comp=Z,75nm,1.2s,comp=Z,2um	Ofenpass-Fuorn	104.33	45	P	Pdif	04 23 32.8	+0.7
DAVA	comp=Z,52nm,1.1s,SNR=16	Damels	104.38	44	P	Pdif	04 23 32.6	+0.4
DAVA	comp=Z,68nm,3.8s	Damels	104.38	44	P	Pdif	04 27 48.6	+0.1
DAVA	comp=Z,30um,comp=Z,2um,comp=Z,76nm,1.3s	Damels	104.38	44	P	Pdif	04 23 34.4	+2.2
O28M	comp=Z,25um,22.0s	Mount Upton	104.56	332	IAMS_20	IAMS_20	05 07 10.1	
STU	comp=Z,25um,19.0s	Stuttgart	104.61	42	IAMS_20	IAMS_20	05 13 58.2	
STU	comp=Z,25um,19.0s	Stuttgart	104.61	42	eP	Pdif	04 23 35.2	+2.2
STU	comp=Z,25um,19.0s	Stuttgart	104.61	42	eP	Pdif	04 27 50.7	+2.0
STU	comp=Z,19um,comp=Z,1um,comp=Z,32nm,1.1s,comp=Z,1um	Stuttgart	104.61	42	P	Pdif	04 23 35.3	+2.4
WTSB	comp=Z,25um,19.0s	Winterswijk	104.64	39	P	Pdif	04 23 34.8	+1.8
BUG	comp=Z,25um,19.0s	Bochum-Univer	104.67	39	eP	Pdif	04 23 35.2	+2.1
BUG	comp=Z,25um,19.0s	Bochum-Univer	104.67	39	eP	Pdif	04 23 35.0	+1.9
UBR	comp=Z,20um,comp=Z,2um,comp=Z,58nm,1.2s	Ueberruh	104.69	44	eP	Pdif	04 23 36.0	+2.6
UBR	comp=Z,20um,comp=Z,2um,comp=Z,58nm,1.2s	Ueberruh	104.69	44	P	Pdif	04 23 34.2	+0.8
FETA	comp=Z,50nm,1.1s,SNR=24	Feichten	104.79	44	P	Pdif	04 23 33.7	-0.3
FETA	comp=Z,54nm,3.2s	Feichten	104.79	44	eP	Pdif	04 27 49.0	-0.2

FETA	comp=Z,11nm,1.3s	FETA	104.92	332	IAMS_20	IAMS_20	05 07 07.9	
LOGN	comp=Z,27um,22.0s	Logan Glacier	104.97	334	IAMS_20	IAMS_20	05 09 43.2	
L29M	comp=Z,23um,20.0s	L29M	105.01	44	P	Pdif	04 23 34.7	-0.1
RETA	comp=Z,41nm,1.0s,SNR=16	Reutte	105.01	44	P	Pdif	04 27 49.7	+0.1
RETA	comp=Z,776nm,2.6s	Reutte	105.01	44	eP	Pdif	04 24 21.4	+7.3
RETA	comp=Z,8um,13.9s	Reutte	105.11	336	IAMS_20	IAMS_20	05 07 26.8	
RETA	comp=Z,5.1nm,1.0s	Reutte	105.11	336	IAMS_20	IAMS_20	05 07 26.8	
J30M	comp=Z,23um,22.0s	Hart River	105.11	336	IAMS_20	IAMS_20	05 11 29.6	
K29M	comp=Z,19um,18.0s	Barlow Dome	105.14	335	IAMS_20	IAMS_20	05 11 29.6	
MOTM	comp=Z,60nm,1.2s,SNR=21	Moosalm	105.16	44	P	Pdif	04 23 35.2	-0.4
MOTA	comp=Z,648nm,2.6s	Moosalm	105.16	44	eP	Pdif	04 27 49.2	-0.7
MOTA	comp=Z,3um,10.1s	Moosalm	105.17	44	P	Pdif	04 34 16.9	+1.9
SQTA	comp=Z,38nm,0.9s,SNR=28	Sankt Quirin	105.17	44	P	Pdif	04 23 35.2	-0.4
SQTA	comp=Z,678nm,4.7s	Sankt Quirin	105.17	44	eP	Pdif	04 27 49.3	-0.6
SQTA	comp=Z,5um,10.5s	Sankt Quirin	105.17	44	P	Pdif	04 34 16.5	+1.6
SQTA	comp=Z,12nm,1.3s	Sankt Quirin	105.19	331	IAMS_20	IAMS_20	05 07 34.0	
GRNC	comp=Z,23um,20.0s	Granite Creek	105.19	331	IAMS_20	IAMS_20	05 00 13.3	
ONTNC	comp=Z,23um,22.0s	Ouen Toro	105.21	234	IAMS_20	IAMS_20	05 00 13.3	
KASTN	comp=Z,241,slow=7.7	Kahler Auen	105.21	40	eP	Pdif	04 23 37.6	+2.0
KASTN	comp=Z,241,slow=7.7	Kahler Auen	105.21	40	eP	Pdif	04 27 55.9	-1.3
BARN	comp=Z,23um,22.0s	Barnard Glacier	105.32	332	IAMS_20	IAMS_20	05 10 30.4	
IBBN	comp=Z,247,slow=4.6	Ibden	105.32	39	eP	Pdif	04 23 38.3	+2.4
IBBN	comp=Z,241,slow=7.7	Ibden	105.32	39	eP	Pdif	04 27 59.4	+1.5
WATA	comp=Z,48nm,1.0s,SNR=15	Walderalm	105.44	44	P	Pdif	04 23 36.6	-0.3
WATA	comp=Z,601nm,2.6s	Walderalm	105.44	44	eP	Pdif	04 27 49.9	-0.5
WATA	comp=Z,196nm,2.8s	Walderalm	105.44	44	eP	Pdif	04 34 18.0	+1.7
WATA	comp=Z,8.6nm,1.1s	Walderalm	105.45	45	P	Pdif	04 39 20.4	+3.9
WTTA	comp=Z,77nm,1.0s,SNR=20	Wattenberg	105.45	45	P	Pdif	04 23 35.9	-1.1
WTTA	comp=Z,496nm,2.4s	Wattenberg	105.45	45	eP	Pdif	04 27 50.0	-0.6
WTTA	comp=Z,253nm,3.4s	Wattenberg	105.45	45	eP	Pdif	04 34 16.2	-0.1
WTTA	comp=Z,8.6nm,1.1s	Wattenberg	105.45	45	eP	Pdif	04 39 20.6	-0.1
I30M	comp=Z,29um,18.0s	Mount Dempster	105.49	337	IAMS_20	IAMS_20	05 09 49.8	
FUR	comp=Z,241,slow=7.7	Furstenfeldbru	105.61	44	eP	Pdif	04 27 58.3	-1.9
TGL	comp=Z,23um,20.0s	Tana Glacier	105.67	331	IAMS_20	IAMS_20	05 09 37.5	
KMBO	comp=Z,226,slow=4.6	Kilima Mbogo	105.69	100	S	SKSac	04 34 21.2	+2.0
J29N	comp=Z,31um,19.0s	Klonkide Camp	105.73	335	IAMS_20	IAMS_20	05 11 27.1	
KIBK	comp=Z,24um,22.0s	Kibizi	105.78	101	P	Pdif	04 23 40.4	+1.3
ABTA	comp=Z,45nm,1.1s,SNR=12	Abfalterbachs	105.79	45	P	Pdif	04 23 38.2	-0.1
ABTA	comp=Z,536nm,3.9s	Abfalterbachs	105.79	45	eP	Pdif	04 27 51.5	+0.5
ABTA	comp=Z,2um,8.6s	Abfalterbachs	105.80	331	IAMS_20	IAMS_20	04 34 24.2	+6.5
CRQM	comp=Z,31um,22.0s	Cirque	105.80	331	IAMS_20	IAMS_20	05 06 51.4	
BERG	comp=Z,20um,20.0s	Berg Lake	105.87					

Table with columns for flight codes (e.g., MMAI, SPIA, TNA), destinations (e.g., Saint Paul Isl, Tin City), times (e.g., 117.87, 117.89), and status (e.g., PKKPbc, PKKPbc, PKIKP).

Table with columns for flight codes (e.g., KIV, KIV, KIV), destinations (e.g., Kislovodsk, Kislovodsk), times (e.g., 125.54, 125.54), and status (e.g., P, P, P).

Table with columns for flight codes (e.g., TIXI, SEY, JLN), destinations (e.g., Tiksi, Seymchan, Sverdlovsk), times (e.g., 134.91, 135.10), and status (e.g., IAMS_20, IAMS_20).

TNCH		PP	PP	04 34 45.1 +2.0
TNCH		SKKS	SS	04 41 29.1
TNCH		SS	SS	04 55 42.2 -2.0
TNCH	comp=Z,13µm,6.3s	L	L	
TNCH	comp=Z,6µm,19.6s	L	L	
TNCH	comp=Z,9µm,18.1s	L	L	
TNCH	comp=Z,23µm,20.4s	L	L	
NJ2	Nanjing	170.41 297	ePKP pPKP sPKP	04 29 37.1 +1.3 04 29 41.2 0.0 04 31 00.1 +0.4 04 55 47.2 +3.0
NJ2		PKP	PKP	04 29 35.6 -0.5
NJ2		pPKP	pPKP	04 30 57.2 -2.3
NJ2		PKP	PKP	04 34 43.3 +0.4
NJ2		SS	SS	04 55 43.1 -4.8
NJ2	comp=Z,13µm,10.9s	L	L	
NJ2	comp=Z,44µm,17.9s	L	L	
NJ2	comp=Z,31µm,20.0s	L	L	
NJ2	comp=Z,44µm,19.1s	L	L	
OZH2	Quanzhou	170.74 253	PKP pPKP sPKP	04 29 35.6 -0.5 04 30 57.2 -2.3 04 34 43.3 +0.4 04 55 43.1 -4.8
OZH2		PKP	PKP	04 29 35.6 -0.5
OZH2		pPKP	pPKP	04 30 57.2 -2.3
OZH2		PKP	PKP	04 34 43.3 +0.4
OZH2		SS	SS	04 55 43.1 -4.8
OZH2	comp=Z,22µm,19.9s	L	L	
OZH2	comp=Z,21µm,20.3s	L	L	
OZH2	comp=Z,37µm,21.3s	L	L	
LZH	Lanzhou	170.89 26	PKP pPKP sPKP	04 29 36.6 +0.5 04 30 55.1 +0.6 04 34 43.1 -1.3 04 36 37.3 -1.8 04 41 33.1 +1.7 04 55 46.0 -1.1
LZH		PKP	PKP	04 29 36.6 +0.5
LZH		pPKP	pPKP	04 30 55.1 +0.6
LZH		PKP	PKP	04 34 43.1 -1.3
LZH		SKS	SKS	04 36 37.3 -1.8
LZH		SKS	SKS	04 41 33.1 +1.7
LZH		SS	SS	04 55 46.0 -1.1
LZH	comp=Z,8µm,6.4s	L	L	
LZH	comp=Z,12µm,21.8s	L	L	
LZH	comp=Z,23µm,21.6s	L	L	
LZH	comp=Z,39µm,22.3s	L	L	
LZDM	Lanzhou Array	170.94 27	PKP pPKP sPKP	04 29 36.8 +0.4 04 30 54.4 -0.6
LZDM		PKP	PKP	04 29 36.8 +0.4
LZDM		pPKP	pPKP	04 30 54.4 -0.6
LZDM		PKP	PKP	04 30 54.4 -0.6
LZDM		SS	SS	04 55 52.4 +5.0
LZDM	comp=Z,27µm,0.8s,baz=252,slow=0.8,SNR=14	L	L	
QIZ	Qiongzong	171.03 186	PKP pPKP sPKP	04 29 36.8 +0.3 04 30 54.6 -0.6 04 31 44.9 +0.4 04 55 52.4 +5.0
QIZ		PKP	PKP	04 29 36.8 +0.3
QIZ		pPKP	pPKP	04 30 54.6 -0.6
QIZ		PKP	PKP	04 31 44.9 +0.4
QIZ		SS	SS	04 55 52.4 +5.0
QIZ	comp=Z,12µm,14.2s	L	L	
QIZ	comp=Z,15µm,21.6s	L	L	
QIZ	comp=Z,13µm,21.4s	L	L	
QIZ	comp=Z,29µm,21.8s	L	L	
SLVN	Son La	172.00 145	P	04 29 38.2 +1.2
HKPS	Hong Kong Po S	172.55 221	PKP	04 29 39.6 +2.5
LYN	LuoYang	172.75 335	PKP	04 29 36.2 -0.6
LYN		pPKP	pPKP	04 29 42.1 -0.1
LYN		PKP	PKP	04 31 03.2 +0.6
LYN	comp=Z,19µm,14.1s	L	L	
LYN	comp=Z,43µm,19.6s	L	L	
LYN	comp=Z,17µm,21.2s	L	L	
LYN	comp=Z,54µm,20.2s	L	L	
PZH	PanZhiHua	173.52 102	PKP pPKP sPKP	04 29 38.9 +1.3 04 31 07.6 +0.9 04 34 57.0 -2.0 04 41 48.1 04 56 15.5 -0.2
PZH		PKP	PKP	04 29 38.9 +1.3
PZH		pPKP	pPKP	04 31 07.6 +0.9
PZH		PKP	PKP	04 34 57.0 -2.0
PZH		SKS	SKS	04 41 48.1
PZH		SS	SS	04 56 15.5 -0.2
PZH	comp=Z,12µm,8.6s	L	L	
PZH	comp=Z,15µm,24.1s	L	L	
PZH	comp=Z,16µm,21.9s	L	L	
PZH	comp=Z,28µm,24.5s	L	L	
KMI2	Kunming	173.87 116	PKP pPKP sPKP	04 29 36.4 -1.4 04 29 43.3 +0.1 04 30 40.0 +2.4 04 31 10.2 +2.3 04 35 07.6 +8.0 04 41 51.2 04 56 23.2 +6.2
KMI2		PKP	PKP	04 29 36.4 -1.4
KMI2		pPKP	pPKP	04 29 43.3 +0.1
KMI2		PKP	PKP	04 30 40.0 +2.4
KMI2		PKP	PKP	04 31 10.2 +2.3
KMI2		SKS	SKS	04 35 07.6 +8.0
KMI2		SS	SS	04 41 51.2
KMI2		SS	SS	04 56 23.2 +6.2
KMI2	comp=Z,16µm,22.7s	L	L	
GZH2		L	L	
GZH2	comp=Z,12µm,21.2s	L	L	
GZH2	comp=Z,40µm,22.1s	L	L	
XAN	Xi'an	173.97 359	PKP pPKP sPKP	04 29 37.7 +0.3 04 31 08.5 +0.5 04 34 58.0 -1.0 04 41 49.2 04 56 16.9 +0.8
XAN		PKP	PKP	04 29 37.7 +0.3
XAN		pPKP	pPKP	04 31 08.5 +0.5
XAN		PKP	PKP	04 34 58.0 -1.0
XAN		SKS	SKS	04 41 49.2
XAN		SS	SS	04 56 16.9 +0.8
XAN	comp=Z,22µm,21.6s	L	L	
XAN	comp=Z,15µm,23.5s	L	L	
XAN	comp=Z,52µm,23.9s	L	L	
WHN	Wuhan	174.54 299	PKP pPKP sPKP	04 29 35.6 -2.0 04 31 10.4 -0.5 04 35 06.9 +3.5
WHN		PKP	PKP	04 29 35.6 -2.0
WHN		pPKP	pPKP	04 31 10.4 -0.5
WHN		PKP	PKP	04 35 06.9 +3.5
WHN	comp=Z,77µm,21.2s	L	L	
WHN	comp=Z,25µm,19.8s	L	L	
WHN	comp=Z,132µm,21.9s	L	L	
CD2	Chengdu	174.71 55	PKP pPKP sPKP	04 29 36.0 -1.7 04 29 44.3 -0.6 04 31 12.4 +0.7 04 35 03.3 -0.8 04 41 49.0
CD2		PKP	PKP	04 29 36.0 -1.7
CD2		pPKP	pPKP	04 29 44.3 -0.6
CD2		PKP	PKP	04 31 12.4 +0.7
CD2		SKS	SKS	04 35 03.3 -0.8
CD2		SS	SS	04 41 49.0
CD2	comp=Z,42µm,26.9s	L	L	
CD2	comp=Z,27µm,25.5s	L	L	
CD2	comp=Z,37µm,23.5s	L	L	
CNSH	ChangSha	176.37 274	PKP pPKP sPKP	04 29 36.8 -1.3 04 35 17.4 +4.8
CNSH		PKP	PKP	04 29 36.8 -1.3
CNSH		pPKP	pPKP	04 35 17.4 +4.8
CNSH	comp=Z,6µm,11.0s	L	L	
CNSH	comp=Z,7µm,26.1s	L	L	
CNSH	comp=Z,13µm,22.6s	L	L	
CNSH	comp=Z,16µm,23.0s	L	L	
GULI	GuiLin	176.98 208	PKP	04 29 38.6 +0.2
GULI		PKP	PKP	04 29 38.6 +0.2
GULI	comp=Z,14µm,20.7s	L	L	
GULI	comp=Z,8µm,18.1s	L	L	
GULI	comp=Z,28µm,21.1s	L	L	
GYA	Guiyang	177.54 128	PKP pPKP sPKP	04 29 40.3 +1.7 04 31 25.4 +1.0 04 35 18.9 +1.4
GYA		PKP	PKP	04 29 40.3 +1.7
GYA		pPKP	pPKP	04 31 25.4 +1.0
GYA		PKP	PKP	04 35 18.9 +1.4
GYA	comp=Z,9µm,21.6s	L	L	
GYA	comp=Z,22µm,20.3s	L	L	
GYA	comp=Z,24µm,21.3s	L	L	

mbmp4.3/5, Error ellipse: s-maj=52.2km s-min=32.8km az=61.0

NEIC 01 04:20:46.4±1.4, 27.95S:0.03:71.15W, 0.06, h23km, 5km, mb5.1/7, ML4.3(GUC), Error ellipse: s-maj=7.9km s-min=4.7km az=82.0

GUC 01 04:20:47.4±0.9, 27.99S:71.00W, h20km, 11km, ML4.3

ISC 01 04:20:45.6±1.1, 27.92S:0.03:71.24W, 0.05, h23km, 7km, n60, ±120/73, mb4.8/6.2, Near coast of northern Chile

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
AC04	Llanos de Chal	0.32 152f	Op	04 20 53.4 +0.5	Pb
AC04			Sb	04 20 57.6 0.0	Pb
AC04			IAML	04 20 58.5	
AC04	comp=E,51µm,0.1s				
AC04	Llanos de Chal	0.32 152	Pg	04 20 53.3 +0.5	Pb
GO03	Copiapo	0.95 70	Sg	04 21 07.3 -0.4	Sb
GO03			IAML	04 21 22.8	
GO03	comp=Z,5µm,0.7s				
GO03	Copiapo	0.95 70	eP	04 21 03.3 -0.3	Pn
GO03			eS	04 21 14.9 -1.6	Sn
GO03			IAML	04 21 17.8	
GO03	comp=E,14µm,0.4s				
GO03	Copiapo	0.95 70	Sn	04 21 03.5 -0.1	Pn
AC06	Mina Casimiro	0.97 55	eP	04 21 15.3 +1.2	Sb
AC06			eS	04 21 06.5 -0.0	Pn
AC06			IAML	04 21 15.5 -0.6	
AC06	comp=N,22µm,0.7s				
AC06	Mina Casimiro	0.97 55	Pn	04 21 04.0 +0.2	Pn
LC0	Las Campanas	1.19 156	eP	04 21 07.3 -0.7	Pb
LC0			IAML	04 21 14.3	
LC0	comp=N,23µm,0.3s				
LC0	Las Campanas	1.19 156	eP	04 21 07.0 -0.6	Pb
LC0			/S	04 21 17.1 -1.0	Pb
LC05	El Transito	1.25 137	eP	04 21 08.8 +0.2	Pn
AC05	El Transito	1.25 137	eS	04 21 08.4 -0.1	Sb
AC05			eS	04 21 23.0 -1.3	Sb
AC05			IAML	04 21 26.8	
AC05	comp=E,8µm,0.6s				
AC05	El Transito	1.25 137	Pb	04 21 07.6 -1.0	Pb
AC01	Pan de Azucar	1.86 18	eP	04 21 16.6 +0.6	Pn
AC01			eS	04 21 41.6 0.0	Sb
AC01			IAML	04 21 46.2	
AC01	comp=Z,1µm,0.9s				
AC01	Pan de Azucar	1.86 18f	eP	04 21 16.5 +0.4	Pn
AC01			IAML	04 21 49.3	
AC01	comp=E,4µm,0.5s				
AC01	Pan de Azucar	1.86 18	Pn	04 21 16.9 +0.8	Pn
AC02	Maricunga	2.17 61	eP	04 21 23.7 -0.7	Pb
AC02			IAML	04 22 01.7	
AC02	comp=Z,2µm,0.4s				
AC02	Maricunga	2.17 61	eP	04 21 23.9 -0.6	Pb
AC02			IAML	04 21 54.2	
AC02	comp=N,9µm,0.3s				
AC02	Maricunga	2.17 61	Pb	04 21 22.8 -1.6	Pb
GO04	Tololo Observa	2.28 170	eP	04 21 23.7 +1.7	Pn
GO04			IAML	04 22 12.5	
GO04	comp=N,6µm,0.7s				
GO04	Tololo Observa	2.28 170	Pn	04 21 22.2 +0.1	Pn
CO01	Juntas del Tor	2.28 154	eP	04 21 24.2 -2.1	Pn
CO01			IAML	04 21 56.1	
CO01	comp=N,2µm,0.2s				
CO01	Juntas del Tor	2.28 154	Pn	04 21 21.7 -0.4	Pn
AR0D	Rodeo	2.72 146	eP	04 21 33.5 -1.1	Sb
AR0D			Sb	04 22 08.4 +1.5	Sb
CO06	Fray Jorge	2.76 187	eP	04 21 29.0 +0.5	Pn
CO06	Fray Jorge	2.76 187	Pn	04 21 27.8 -0.7	Pn
VCA	Vinchina	2.80 108	eP	04 21 35.1 +0.1	Pb
VCA			IAML	04 22 17.1	
CO03	El Pedregal	2.95 171	Pn	04 21 30.9 -0.2	Pn
TINO	Tinogasta	3.25 93	eP	04 21 38.8 -4.0	Pb
TINO			IAML	04 22 43.4	
TINO	comp=Z,923nm,1.5s				
BI02	IPOC Station P	3.37 13	Pn	04 21 36.6 -0.4	Pn
ACLC	CERRO LA CRUZ	4.06 113	eP	04 21 49.9 +3.4	Sb
ACLC			eS	04 22 44.7 -0.4	Sb
ACLC			IAML	04 22 57.6	
CO04	Los Paladeros	4.12 177	Pn	04 21 47.3 0.0	Pn
CYA	Choya	4.83 97	eP	04 22 00.7 +3.7	Sb
CYA			eS	04 22 55.0 +2.7	Sb
CYA			IAML	04 23 01.9	
CO04	comp=Z,333nm,0.9s				
CO04	Los Paladeros	4.12 177	Pn	04 21 47.3 0.0	Pn
CYA	Choya	4.83 97	eP	04 22 00.7 +3.7	Sb
CYA			eS	04 22 55.0 +2.7	Sb
CYA			IAML	04 23 01.9	
CO04	comp=Z,337nm,2.3s				
PB05	IPOC Station P	5.13 11	eP	04 22 00.4 -0.8	Pn
PB05			eS	04 22 59.0 0.0	Sn
PB05			IAML	04 24 01.5	
PB06	IPOC Station P	5.41 17	eP	04 22 05.2 +0.2	Pn
PB06			eS	04 22 15.9 -1.7	Sb
PB06			IAML	04 24 11.3	
AF01	San Pedro de A	5.67 30	Pn	04 22 10.5 +1.8	Pn
BI02	San Fabín de	8.72 180	Pn	04 22 49.6 -0.8	Pn
LP4Z	La Paz	11.93 15	Pn	04 22 44.0 -0.5	Pn
EFI	East Falkland	25.71 161	P	04 26 14.2 +0.2	P
JTS	Las Juntas de	40.24 339	P	04 28 21.4 +0.6	P
SNA	Sanae	56.98 159	P	04 30 28.5 -0.4	P
SNA	comp=Z,4.1nm,0.9s,baz=287,slow=9.2,SNR=2.4				
SNA	Sanae	56.98 159	P	04 30 28.6 -0.4	P
SNA			Iamb	04 30 30.3	
SNA	comp=Z,50nm,1.8s				
EF04	Eagle Ford 04	62.23 334	Iamb	04 31 06.5 +0.9	P
EF04			Iamb	04	

Table with columns: TINO, comp-Z, value, unit, Pn, S, A, I, M, L, R, and other identifiers. Includes entries like CO02 Combarbal, CO02 Combarbal, CO02 Combarbal, etc.

Table with columns: LPAZ, comp-Z, value, unit, Pn, S, A, I, M, L, R, and other identifiers. Includes entries like LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, etc.

Table with columns: JANB, value, unit, Pn, S, A, I, M, L, R, and other identifiers. Includes entries like JANB Guarapari-ES, JANB Sao Joao De Ma, JANB Otavalo, etc.

KIEV	Kiev	117.50	45	PKIKP	PKPdf	04 48 46.0	-0.9
KIEV	Kiev	117.50	45	PKIKP	PKPdf	04 48 46.0	-0.9
AKASG	Malin Array Be	117.51	45	PKP	PKPdf	04 48 45.6	-1.3
comp=Z,3.6nm,0.6s,baz=269,slow=2.8,SNR=24							
AKASG						04 49 54.8	-4.7
comp=Z,3.3nm,1.1s,baz=256,slow=2.8,SNR=24							
AKASG						04 59 09.4	-1.0
comp=Z,0.2nm,0.3s,baz=73,slow=3.2,SNR=4.0							
AKASG	Malin Array Be	117.51	45	PKP	PKPdf	04 48 46.4	-0.5
AKBS	Malin Array B	117.51	45	PKIKP	PKPdf	04 48 46.5	-1.2
FINES	FINES Array B	117.61	33	PKP	PKPdf	04 48 45.5	-1.2
comp=Z,1.7nm,0.6s,baz=163,slow=2.0,SNR=4.5							
FINES						04 49 55.8	-0.4
comp=Z,6.7nm,0.3s,baz=265,slow=1.1,SNR=5.1							
FINES	Mount Meron Ar	117.70	65	PKP	PKPdf	04 48 46.5	-0.3
MMAI	Mount Meron Ar	117.70	65	PKP	PKPdf	04 48 47.9	-0.1
comp=Z,1.8nm,0.3s,baz=162,slow=6.8,SNR=2.4							
BR131	Keskin Array S	118.12	58	P	PKIKP	04 48 50.0	+1.3
SNR=1							
BR131	Keskin Array S	118.12	58	P	PKIKP	04 48 48.0	-0.7
BRTR	Keskin Array B	118.12	58	PKP	PKPdf	04 48 48.3	-0.4
comp=Z,1.6nm,0.6s,baz=201,slow=3.1,SNR=10.0							
BRTR						04 49 58.6	-5.7
comp=Z,4.6nm,1.0s,baz=207,slow=5.8,SNR=3.5							
BRTR						04 59 08.4	+0.3
comp=Z,0.4nm,0.5s,baz=78,slow=8.1,SNR=2.2							
BRTR	Keskin Array B	118.12	58	PKIKP	PKPdf	04 48 47.8	-0.9
BRTR	Keskin Array B	118.12	58	PKP	PKPdf	04 48 48.3	-0.4
BRTR	Keskin Array B	118.12	58	PKP	PKPdf	04 48 47.9	-0.5
ARCES	ARCCESS Array B	118.28	23	PKP	PKPdf	04 48 46.0	-1.9
comp=Z,2.6nm,0.8s,baz=338,slow=1.3,SNR=3.6							
ARCES						04 59 06.4	-0.7
comp=Z,4.4nm,0.8s,baz=106,slow=3.9,SNR=8.3							
ARCES	ARCCESS Array B	118.28	23	PKIKP	PKPdf	04 48 46.0	-1.9
ARCES	ARCCESS Array B	118.28	23	PKP	PKPdf	04 48 47.6	-0.3
NWAO	Narrogin (SRO)	118.84	188	P	PKP	04 48 48.8	-1.5
APA	Apatity	121.13	26	i PKIKP	PKPdf	04 48 52.6	-0.8
APA						04 50 22.5	-0.8
APA						04 50 46.2	-0.8
APA						05 00 15.9	-0.2
comp=Z,7.0nm,1.1s							
OBN	Obninsk	122.49	40	dePKIKP	PKPdf	04 48 55.5	-0.8
OBN						04 53 06.0	-0.6
OBN						05 07 39.1	+2.6
comp=Z,7.0nm,1.4s							
OBN							
comp=Z,1.2nm,19.0s							
MTSU	Mount Surprise	122.69	221	P	PKIKP	04 48 59.0	-0.8
MORW	Morwa	122.79	187	P	PKIKP	04 49 00.3	+2.2
MOS	Moscow	123.12	40	i PKIKP	PKPdf	04 48 58.3	+0.5
MOS						04 50 38.4	-0.6
AS09	Allice Springs	123.16	208	P	PKP	04 48 58.2	-0.6
AS17	Allice Springs	123.17	208	P	PKP	04 48 58.2	-0.7
ASAR	Allice Springs	123.20	208	PKHKP	PKPPr	04 48 58.6	-0.7
comp=Z,5.2nm,0.8s,baz=138,slow=1.8,SNR=7.1							
ASAR						04 48 58.0	-1.0
comp=Z,1.9nm,1.0s,baz=143,slow=2.2,SNR=3.0							
ASAR						04 58 48.0	-1.0
comp=Z,1.6nm,0.7s,baz=335,slow=3.3,SNR=16							
ASAR						05 02 36.4	+1.5
comp=Z,0.7nm,0.7s,baz=340,slow=4.5,SNR=1.7							
ASAR	Allice Springs	123.20	208	PKIKP	PKPdf	04 48 57.2	-1.7
ASAR	Allice Springs	123.20	208	PKP	PKPdf	04 48 57.2	-1.7
AS15	Allice Springs	123.23	208	P	PKP	04 48 58.7	-0.3
QIS	Mount Isa	123.28	215	P	PKP	04 48 59.1	-0.0
RAYN	Ar Rayn	123.31	79	P	PKP	04 48 58.2	-0.8
RAYN	Ar Rayn	123.31	79	PKIKP	PKPdf	04 48 58.0	-1.0
ADZR	Andozero	123.33	30	ePKIKP	PKPdf	04 48 57.1	-0.6
ADZR							
comp=Z,2.5nm,0.6s							
VS LR	Veslyoloye	123.56	55	i PKIKP	PKIKP	04 48 59.7	+0.6
LPSR	Galich ya Gora	123.74	44	ePKIKP	PKPdf	04 48 57.5	-1.3
LPSR							
comp=Z,10.0nm,1.0s							
VSR	Storozhevo	123.81	45	ePKIKP	PKPdf	04 48 56.2	-2.8
VSR							
comp=Z,10.0nm,1.1s							
VORR	Voronezh	123.86	45	ePKIKP	PKPdf	04 48 56.6	-2.5
VORR							
comp=Z,10.0nm,0.9s							
VORD	Vordogorie	123.87	46	ePKIKP	PKPdf	04 48 57.5	-1.6
VORD							
comp=Z,10.0nm,1.0s							
WRKA	Warakurna	124.01	201	P	PKP	04 49 00.0	0.0
KLMM	Klimovskoe	124.08	34	ePKIKP	PKPdf	04 48 57.8	-1.4
KLMM							
comp=Z,8.9nm,1.4s							
VRH	Vnokhopyorsk	125.61	45	ePKIKP	PKPdf	04 48 59.1	-3.0
VRH							
comp=Z,10.0nm,1.0s							
SHA1	Shidzhatmaz	125.49	55	i PKIKP	PKP	04 49 03.0	+0.2
KIV	Kislovodsk	125.53	54	ePKIKP	PKPdf	04 49 02.8	+0.1
KIV							
comp=Z,1.7nm,1.1s							
KBZ	Khabaz	125.66	55	PKP	PKPdf	04 49 02.5	-0.3
comp=Z,7.7nm,0.9s,baz=296,slow=1.2,SNR=12							
KBZ	Khabaz	125.66	55	i PKIKP	PKP	04 49 02.9	+0.1
PYA1	Pyatigorsk	125.84	54	i PKIKP	PKP	04 49 04.4	+0.8
NCK	Nalchik	126.15	45	i PKIKP	PKP	04 49 04.3	+0.1
WRA	Warramunga Arr	126.14	210	PKIKP	PKP	04 49 04.2	-0.8
comp=Z,2.5nm,0.7s,baz=161,slow=1.7,SNR=7.5							
WRA	Warramunga Arr	126.31	210	PKIKP	PKP	04 49 02.5	-2.4
WRA	Warramunga Arr	126.31	210	PKP	PKPdf	04 49 02.5	-2.4
WRAB	Tennant Creek	126.31	210	PKIKP	PKP	04 49 03.2	-1.7
WRAB	Tennant Creek	126.31	210	PKP	PKPdf	04 49 03.2	-1.7
H1S2	WAKE ISLAND Hy	126.45	273	T		07 08 17.1	
comp=Z,112,slow=75,SNR=485							
H1S1	WAKE ISLAND Hy	126.46	273	T		07 08 08.3	
comp=Z,112,slow=75,SNR=485							
H1S3	WAKE ISLAND Hy	126.47	273	T		07 08 07.7	
comp=Z,112,slow=75,SNR=485							
H1N3	WAKE ISLAND Hy	126.71	275	T		07 08 30.0	
comp=Z,113,slow=75,SNR=91							
H1N1	WAKE ISLAND Hy	126.73	275	T		07 08 32.6	
comp=Z,113,slow=75,SNR=91							
H1N2	WAKE ISLAND Hy	126.73	275	T		07 08 26.3	
comp=Z,113,slow=75,SNR=125							
BILL	Bilibino	127.78	336	ePKIKP	PKP	04 49 05.5	-0.7
ABTO	Aybut	128.00	89	P	PKP	04 49 07.8	-0.4
WHFO	Wadi Hawf	128.63	89	P	PKP	04 49 08.5	-0.9
MAK	Makhachkala	128.94	56	i PKIKP	PKP	04 49 08.2	-4.0
MAK						04 49 06.4	-0.4
MAK						04 54 05.4	-0.5
MAK						05 01 17.9	-7.8
comp=Z,3.05nm,1.5s							
BELG	Belogomoye	129.06	44	i PKIKP	PKP	04 49 09.4	+0.4
KIRV	Kirov	129.32	36	i PKIKP	PKP	04 49 10.0	0.0
DWTO	Dmto	129.60	90	P	PKP	04 49 09.1	-2.0
MBWA	Marble Bar	129.97	193	P	PKP	04 49 10.8	-1.1
MBWA	Marble Bar	129.97	193	P	PKP	04 49 10.2	-1.7
MBWA	Marble Bar	129.97	193	P	PKP	04 49 10.7	-1.1
FITZ	Fitzroy Crossi	131.34	201	P	PKP	04 49 15.3	-0.2
UMZA	Um Al Zommoil	131.49	84	P	PKP	04 49 14.6	0.0
ALNE	Al Ain	132.41	82	P	PKIKP	04 49 17.6	+0.2
SNR=0.0							
KNRA	Kunurrra	132.46	206	P	PKIKP	04 49 17.6	-0.1
ASHO	Ashtiyahj	132.85	81	P	PKP	04 49 15.9	-1.3
ARQ	Araqi	132.87	83	P	PKP	04 49 16.0	-1.1
HATD	Hatta, Dubai	132.95	81	P	PKIKP	04 49 18.5	0.0
SNR=9							
UOSS	Uossh	133.05	81	P	PKP	04 49 16.4	-1.1
SOHO	Soho	133.11	82	P	PKP	04 49 16.4	-1.1
SHME	Shamm	133.29	80	P	PKP	04 49 18.5	+0.6
BSY	Bisy	133.29	84	P	PKP	04 49 18.1	+0.1
BANOW	Banah	133.39	80	P	PKP	04 49 17.7	-0.5
MHTO	MHTO	133.41	87	P	PKP	04 49 16.8	-1.4
HOQ	Hogain	133.63	83	P	PKP	04 49 17.5	-1.2
MNTN	Mannton Dam	133.99	211	P	PKP	04 49 20.0	+0.4
SMDO	Samad	134.13	84	P	PKP	04 49 19.0	-0.7
SNR=8							
ARTI	Arti	134.54	37	i PKIKP	PKIKP	04 49 20.2	-0.5
ARTI						04 51 49.3	-0.3
ARTI	Arti	134.54	37	P	PKP	04 49 19.1	-0.2
WSAR	Wadi Sarin	134.70	84	P	PKP	04 49 19.9	-0.7
WBK	Wadi Bahi Khal	134.81	85	P	PKP	04 49 20.4	-0.5
TIXI	Tiksi	134.94	35	PKP	PKPdf	04 49 19.6	-0.1
comp=Z,1.1nm,0.8s,baz=142,slow=2.2,SNR=2.4							
JLN	Jalan Bahi Buh	135.06	86	P	PKP	04 49 20.6	-0.7
SEY	Seymchan	135.18	333	PKP	PKPdf	04 49 20.1	-0.2
comp=Z,1.6nm,0.7s,baz=130,slow=4.3,SNR=27							

SEY	Seymchan	135.18	333	i PKIKP	PKIKP	04 49 21.7	-0.1
AKTO	Aktubynsk	135.75	45	PKIKP	PKP	04 49 21.4	-0.3
PEABO	Petrovoplovsk-	136.40	319	i PKIKP	PKIKP	04 49 24.5	-0.1
PETK	Petrovoplovsk-	136.40	319	PKHKP	PKPPr	04 49 15.5	
comp=Z,2.1nm,0.6s,baz=55,slow=5.6,SNR=3.6							
PETK						04 49 22.9	0.0
comp=Z,2.6nm,0.8s,baz=108,slow=4.8,SNR=7.0							
PETK	Petrovoplovsk-	136.40	319	PKIKP	PKP	04 49 23.3	-0.6
PETK	Petrovoplovsk-	136.40	319	PKP	PKPdf	04 49 23.3	-0.6
NRIK	Norilsk	136.85	11	PKP	PKP	04 49 23.5	+0.3
comp=Z,9.5nm,0.5s,baz=242,slow=0.5,SNR=2.6							
NRIK	Norilsk	136.85	11	i PKIKP	PKP	04 49 24.2	+1.0
GENI	Genyem	137.18	230	PKP	PKIKP	04 49 28.1	+0.7
AB21	Akbulak array	137.20	47	i PKHKP	PKPPr	04 49 14.8	
MA31	Maklad	137.53	330	PKP	PKP	04 49 24.7	0.0
comp=Z,1.3nm,0.8s,baz=143,slow=1.3,SNR=4.1							
SOEI	Soe	139.57	204	PKP	PKP	04 49 31.1	+1.0
SOEI	Soe	139.57	204	PKP	PKIKP	04 49 38.3	+5.9
BKAI	Biak	140.91	226	PKP	PKIKP	04 49 39.1	+4.1
EFDI	Ende, Flores	141.38	201	PKP	PKP	04 49 29.9	-3.4
LBFI	Labuan Bajo	142.18	198	PKP	PKP	04 49 36.3	+1.7
BVAR	Borovoye Arr	142.25	38	PKHKP	PKPPr	04 49 29.0	
comp=Z,4.7nm,0.6s,baz=290,slow=3.1,SNR=16							
BVAR						04 53 11.8	+0.5
comp=Z,7.9nm,0.9s,baz=304,slow=3.4,SNR=4.3							
TWSI	Taliwog, Sumb	142.62	193	PKP	PKP	04 49 34.8	-0.6
YAK	Yakutsk	143.33	344	PKP	PKP	04 49 32.5	+0.2
comp=Z,4.4nm,0.5s,baz=35,slow=2.2,SNR=9.7							
YAK	Yakutsk	143.33	344	ePKIKP	PKP	04 49 32.3	+0.1
YAK						04 49 32.3	+0.1
YAK						04 52 43.8	-0.6
YAK						04 56 07.6	-0.3
YAK						05 11 21.6	-3.0
comp=N,8.0nm,1.2s							
YAK							
comp=Z,4.6nm,1.0s							
YAK							
comp=E,13nm,2.2s							
YAK							
comp=Z,1.1nm,4.7s							
YAK							
comp=N,6.54nm,5.3s							
YAK							
comp=E,3um,16.0s							
YAK	Yakutsk	143.33	344				

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AC02 Maricunga, G62A West of Eustis, and SJA 01 04:53:29.8...

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AC04 Llanos de Chal, AC06 Mina Casimiro, and SJA 01 05:00:20.6...

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VAGH Vaagaholmen, RAUS Rausandaksta, and IDC 01 05:04:20.5...

IDC 01 05:06:38.9,0.8,34.14N,-25.77E,h0km,mb3,9/1, mbmp3,9/18,ML3.67, Error ellipse: s-maj=16.8km s-min=9.2km,az=21.0
NEIC 01 05:06:39.1,1.1,34.03N,0.07,25.73E,0.07,h10km,1km, mb4,0.25, Error ellipse: s-maj=12.3km s-min=9.9km az=172.0
ISK 01 05:06:41.3,34.12N,-25.78E,h88km,ML3.7/8
THE 01 05:06:44.9,34.1N,-26.1E,h59km,16km,MS3,4/10, ML3.4/10
ATH 01 05:06:44.4,34.26N,-25.77E,h20km,3km,ML3.5/10, Latitude uncertainty: 4 km Longitude uncertainty: 2 km
ISC 01 05:06:40.8,1.1,34.01N,0.05,25.83E,0.03,h22km,4km, n132,r192/149,mb4/0/18,Crete

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like ZKR Zakros, NPS Neapolis, SIVA Sivas, ANOY Anoyia, GVD Gavidhos, KARP Karpathos, IMMV Iera Moni Meta, KNDR Palaiochora Ch, THERA Ancient Thera, ANKY Antikythira Is, ARG Arkhangelos, MHLO Agia Marina, M DAT Datica, BODT Bodrum, TURN Turunc, VLI Veliai, DALY Dalyan (Mula), MLBS Milias, YER Yerkesik, AKAS Kamas, ELL Elmalı, DION Dionisos Attik, ITM Ithomi, MANT Manisa, CSS Mathiatis, LIT Litokhoron, CY603 RAF Akrotiri, CY604 RAF Akrotiri, KEK Kerkira, KZIT Kziot, MMAI Mount Meron Ar, BR131 Keskin Array S, BRTR Keskin Array B, BRTH Keskin Array B, MSBI Mazda, PRNI Paran, HRFI Mount Harif, EIL Elat, EIL Elat, TIP Timpagrande, CEL Celeste, GSN Bunyan, ASF Jabal al Asfar, ASF Jabal al Asfar.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like WDD Wied Dalam, RAE Raffo Rosso, VAF Valguarnera, VAE Castruccio, SGRG San Giovanni R, NRCA Norcia, FDMO Fiumidomonte, BURBO Buoversa Ar. S, MURB Monte Urbino, VSL Villasalto, KBZ Khabaz, KIEV Kiev, AKASG Malin Array Be, AKASG Malin Array Si, AKASG Malin Array Si, MORC Moravsky Berou, FUORN Ofenpass-Fuorn, GECZ Geres Array B, GERES Geres Array B, GERES Geres Array B, KHCH Kasperke Hory, MAHO Mahon, SENIN Lac Senin/Sane, CLC Colib, ESDC Seneca Array, ESDC Seneca Array, FINS Finess Array B, FIA1 Finess Array S, NOA NORSTAR Array B, EKA Eskdalemuir Ar, AB31 Akbulak array, AB31 Akbulak array, ABKAR Akbulak array, TORD Torodi Ar. Bea, TORD Torodi Ar. Bea, ARTI Arti, ARCES ARCESS Array B, ARCES ARCESS Array B, BOOM Boomoskoy usch, KDJ Kajisay, KURBB Kurchatov Arra, KURK Kurchatov, MKAR Makani Array, ZAAO Zalesovo Array, ZAAO Zalesovo Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, NRIK Noril'sk, SUMG Summit, SONM Songoing Array, SONM Songoing Array, SONM Songoing Array, BOSO Boshof, BOSO Schefferville, YAKAR Chiang Mai Arr, YAKAR Yaktusk, TAP 01 05:07:21.4,24.62N,122.57E,h15km,ML3.2,C, JMA 01 05:07:22.0,1.25 N,-122.6E,0.4,h20km,1km, MV2.3/11,NW OFF ISHIGAKIJIMA IS, ISC 01 05:07:21.8,0.9,24.62N,0.02,122.57E,0.02,h17km,7km, n77,r056/151,1C-1D,Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like LATG Datong, LATG Datong Townshi, Mucha, Fush Village, Wulai, Ninganchiao, NHDH Xindian Distri, Kuosheng, Chiawan, Taipei, YMO1, YMO1, YMO8, YMO8, Xiulin Townshi, Zhuzihu, Iriomote-Funau, Yeheng, Chenhua, Datong, Datong, Pengchaiyu, Sanguang, Nan Shan, Tongmen, Shoufeng, Hateruma jima, Fushou, Guanxi Townshi, Hehuan Shan, Shilin, Wufeng Townshi, Tachien, Tachi, Kuroshima, Fenglin Townshi, Emei, Renai, Ishigaki jima, WUSB Renai, WUSB Taichung City, Ruisui, Guoxing, Beigang Elemen, YULB Yuli, Sun Moon Lake, Suanglung, Yuli, Yuchi, Xinyi Township, Fuli, Fuli, Alishan, Tsauling, Donghe, Longtian, Tauyuan, Llanos de Chal, Copiapo, Mina Casimiro, Las Campanas, El Transito, Pan de Azucar, Pan de Azucar, Maricunga, Tololo Observa, Tololo Observa, Juntas del Tor, VCA Vinchina, VCA, VCA, Cuesta del Viejo, El Pedregal.

1d 5h

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Table with columns: AC05, El Transito, 1.28 138, i P, Pb, 05 26 44.5, 0.0, SNDB, Serra Nova Dou, 24.29 54, e P, P, 05 31 36.8, -2.3, etc.

Table with columns: SNDB, Serra Nova Dou, 24.29 54, e P, P, 05 31 36.8, -2.3, PMNB, Patos De Minas, 24.60 73, e P, P, 05 31 39.5, -0.6, etc.

Table with columns: T42A, comp=2.5,5nm,1.0s, 05 31 36.8, -2.3, WCI, Wyandotte Cave, 67.26 347, P, Iamb, P, 05 37 13.8, -0.2, etc.

LBTB	Lobatse	84.27	115	P	P	05 38 51.4	-0.4
TIO	Tiouine	84.52	51	P	P	05 38 54.8	+1.9
PINE	Pine Mountain	84.61	326	Iamb	Iamb	05 38 56.1	
HAWA	Hanford	85.88	329	Iamb	Iamb	05 39 01.6	
H04A	Detroit Lake	85.88	326	P	P	05 39 00.4	+1.2
CASY	Casey	86.12	181	Iamb	Iamb	05 39 01.2	+1.0
ESDC	Sonsec Array	91.85	45	P	P	05 39 28.2	+0.6
ASAR	Alice Springs	123.29	208	PKP	PKPdf	05 45 16.6	-0.5
H1S12	WAKE ISLAND Hy26.32	273	T	T	08 04 33.0		
H1S11	WAKE ISLAND Hy26.33	273	T	T	08 04 32.0		
H1S13	WAKE ISLAND Hy26.34	273	T	T	08 04 34.3		
WRK	Warramunga Arr	126.39	210	PKP	PKPdf	05 45 23.0	-0.1
KK31	Karatay Array	145.70	54	PKP	PKPab	05 45 58.7	0.0
KURK	Kurchatov	147.77	37	PKP	PKPab	05 46 03.1	+0.8
KURBs	Kurchatov Arr	147.77	37	PKP	PKPbc	05 46 03.1	+0.9
ZAAO	Zalesovo Array	148.60	27	PKP	PKPdf	05 46 02.8	+0.3
ZALV	Zalesovo Beam	148.60	27	PKP	PKPdf	05 46 02.8	+0.1
ZALV	Zalesovo Beam	148.60	27	PKP	PKPbc	05 46 06.7	+0.5
KSH2	Kashi	150.91	59	PKP	PKPbc	05 46 11.7	-0.2
KSH2	Kashi	150.91	59	PKP	PKPab	05 46 17.8	+0.4
MKAR	Makanchi Array	151.96	41	PKP	PKPbc	05 46 14.8	0.0
HHC	Hu-ho-hao-te	166.87	31	PKP	PKPdf	05 46 23.4	-2.0
NJ2	Nanjing	170.30	298	pmx	pmx	05 46 28.4	+0.7
NJ2	Nanjing	170.30	298	pmx	pmx		

SJA 01 05:29:34.2,0.7,27.91S;-71.68W,h9km,ML5.4,MW5.4
 IDC 01 05:29:36.1,0.4,27.98S;-71.15W,h0km,mb5.0/15,
 mbmp4,9.17,ML4.5/2,MS5.1/5,Error ellipse:
 s-maj=21.3km s-min=12.3km az=80.0
 MOS 01 05:29:37.6,1.1,27.90S;-71.16W,h15km,mb5.5/27,Error
 ellipse: s-maj=14.1km s-min=6.1km az=103.6
 VAO 01 05:29:38.6,0.3,27.97S;-71.21W,h16km,mb5.3,
 Presumed earthquake
 GFZ 01 05:29:38.8,0.1,28.2S;7.1W,1h10km,M5.5/48,
 mb5.5/48
 NEIC 01 05:29:38.8,27.97S;-71.34W,h15km
 NEIC 01 05:29:39.4,1.0,27.98S;-71.28W,0.06,h19km,3km,
 mb5.3/15,MW5.2/57,MW5.4/12,MW5.4(GC),Error
 ellipse: s-maj=7.8km s-min=2.0km az=93.0,Moment
 Tensor Solution. Moment tensor: Scale 10¹⁶Nm;
 Mrr:3.56; Mtt:1.05; Mtt:-4.61; Mrr:2.48; Mtt:0.80; Mrr:-5.29;
 Fault plane solution: Mo:2.3000x10¹⁶ Np:1.34,29.000°;
 δ25.06000°,λ140.140000°. Np2:φs:161.39000°,δ74.25000°;
 λ70.26000°. Principal axes: T 7.2386,Plg166.000°;
 Azm46.000°; N -0.0083,Plg19.000°,Azm67.000°;
 P -7.2303,Plg27.000°; Azm267.000°
 GUC 01 05:29:39.0,0.9,28.06S;-71.36W,h2km,ML5.2
 ISC 01 05:29:37.1,1.1,28.01S;-71.43W,0.03,h10km,6km,
 m739,-1844/595,mb5.3/299,260-11D,Near coast of
 central Chile

Code	Station Name	A°	AZ°	Phase	ID	Time Res	ISC
AC04	Llanos de Chal	0.37	122	eP	Pb	05 29 46.2	+0.4
AC04	Llanos de Chal	0.37	122	eP	Pb	05 29 46.0	+0.2
AC04	Llanos de Chal	0.37	122	eP	Sg	05 29 46.8	+1.3
AC04	Llanos de Chal	0.37	122	eP	Sg	05 29 51.1	
AC04	Llanos de Chal	0.37	122	eP	Pb	05 29 46.0	+0.2
AC04	Llanos de Chal	0.37	122	eP	Sg	05 29 58.8	+1.3
AC04	Llanos de Chal	0.37	122	eP	Pb	05 29 46.2	+0.4
GO03	Copiapo	1.14	69	eP	Pn	05 29 58.8	-0.2
GO03	Copiapo	1.14	69	eP	Pn	05 30 20.4	
GO03	Copiapo	1.14	69	eP	Pn	05 29 58.6	-0.5
GO03	Copiapo	1.14	69	eP	Sb	05 30 13.1	-0.7
GO03	Copiapo	1.14	69	eP	Sb	05 30 17.9	
GO03	Copiapo	1.14	69	eP	Pn	05 29 58.7	-0.5
GO03	Copiapo	1.14	69	eP	Pn	05 29 58.8	-0.4
AC06	Mina Casimiro	1.16	56	eP	Sb	05 29 58.7	-0.1
AC06	Mina Casimiro	1.16	56	eP	Sb	05 30 14.9	+0.1
AC06	Mina Casimiro	1.16	56	eP	Sb	05 30 19.7	
AC06	Mina Casimiro	1.16	56	eP	Pn	05 29 58.6	-0.7
LCO	Las Campanas	1.19	147	eP	Pb	05 30 00.3	+0.4
LCO	Las Campanas	1.19	147	eP	Pb	05 30 02.3	+0.4
LCO	Las Campanas	1.19	147	eP	Pn	05 29 59.9	-0.4
LCO	Las Campanas	1.19	147	eP	Sb	05 29 58.9	-1.2
LCO	Las Campanas	1.19	147	eP	Sb	05 30 13.9	-1.6
LCO	Las Campanas	1.19	147	eP	Sb	05 30 20.2	
LCO	Las Campanas	1.19	147	eP	Pn	05 29 59.6	-0.4
AC05	El Transito	1.31	129	eP	Pn	05 30 01.8	+0.2
AC05	El Transito	1.31	129	eP	Pn	05 30 17.8	-1.1
AC05	El Transito	1.31	129	eP	Sb	05 30 01.4	-0.2
AC05	El Transito	1.31	129	eP	Sb	05 30 17.0	-1.9
AC05	El Transito	1.31	129	eP	Sb	05 30 21.6	
AC05	El Transito	1.31	129	eP	Pn	05 30 01.6	0.0
AC05	El Transito	1.31	129	eP	Pn	05 30 01.9	+0.2
AC01	Pan de Azucar	2.00	22	eP	Pn	05 30 10.8	-0.1
AC01	Pan de Azucar	2.00	22	eP	Sg	05 30 41.0	-0.3
AC01	Pan de Azucar	2.00	22	eP	Sb	05 30 10.6	-0.2
AC01	Pan de Azucar	2.00	22	eP	Sb	05 30 38.7	+0.3
AC01	Pan de Azucar	2.00	22	eP	Sb	05 30 46.4	
AC01	Pan de Azucar	2.00	22	eP	Pn	05 30 10.8	-0.1
AC01	Pan de Azucar	2.00	22	eP	Pn	05 30 10.8	-0.1
GO04	Tololo Observa	2.23	166	eP	Sb	05 30 15.7	+1.4
GO04	Tololo Observa	2.23	166	eP	Sb	05 30 47.0	+1.7
GO04	Tololo Observa	2.23	166	eP	Sb	05 30 55.3	
GO04	Tololo Observa	2.23	166	eP	Pn	05 30 15.1	+0.8
GO04	Tololo Observa	2.23	166	eP	Sn	05 30 42.8	+0.8
GO04	Tololo Observa	2.23	166	eP	Pb	05 30 15.4	+1.2
GO04	Tololo Observa	2.23	166	eP	Pb	05 30 16.3	+1.3
CO01	Juntas del Tor	2.29	149	eP	Sb	05 30 17.3	-1.3
CO01	Juntas del Tor	2.29	149	eP	Sb	05 30 46.7	-0.3
CO01	Juntas del Tor	2.29	149	eP	Sb	05 30 50.6	
CO01	Juntas del Tor	2.29	149	eP	Pn	05 30 16.4	+1.3
CO01	Juntas del Tor	2.29	149	eP	Sn	05 30 44.5	+1.1
CO01	Juntas del Tor	2.29	149	eP	Sb	05 30 48.7	
CO01	Juntas del Tor	2.29	149	eP	Pn	05 30 15.9	+0.8
CO01	Juntas del Tor	2.29	149	eP	Pb	05 30 17.1	+1.0
AC02	Maricunga	2.36	61	eP	Sn	05 30 18.6	+2.3
AC02	Maricunga	2.36	61	eP	Sb	05 30 44.5	-1.0
AC02	Maricunga	2.36	61	eP	Sb	05 30 46.0	-3.3
AC02	Maricunga	2.36	61	eP	Sb	05 30 51.2	
AC02	Maricunga	2.36	61	eP	Sb	05 30 51.7	
AC02	Maricunga	2.36	61	eP	Pn	05 30 18.1	+1.9
AC02	Maricunga	2.36	61	eP	Sb	05 30 48.6	-0.6
AC02	Maricunga	2.36	61	eP	Sb	05 30 53.0	
AC02	Maricunga	2.36	61	eP	Pn	05 30 15.6	-0.7
AC02	Maricunga	2.36	61	eP	Pn	05 30 18.6	+2.3
CO06	Fray Jorge	2.66	184	eP	Pn	05 30 19.4	-0.6
CO06	Fray Jorge	2.66	184	eP	Pn	05 30 21.0	+1.0
AROD	Rodeo	2.75	142	eP	Pb	05 30 25.1	-1.4

AROD	El Pedregal	2.90	167	eS	Pn	05 31 03.0	+2.5
CO03	El Pedregal	2.90	167	eP	Pn	05 30 24.6	+1.3
CO03	El Pedregal	2.90	167	eP	Pn	05 30 25.5	-3.3
CO03	El Pedregal	2.90	167	eP	Sb	05 31 04.0	-0.3
CO03	El Pedregal	2.90	167	eP	Sb	05 31 12.4	
CO03	El Pedregal	2.90	167	eP	Sn	05 30 24.2	+0.9
CO03	El Pedregal	2.90	167	eP	Sn	05 30 59.0	+0.7
CO03	El Pedregal	2.90	167	eP	Sb	05 31 13.8	
CO03	El Pedregal	2.90	167	eP	Pn	05 30 24.1	+0.8
CO03	El Pedregal	2.90	167	eP	Pb	05 30 26.4	-2.4
VCA	Vinchina	2.94	105	eP	Sb	05 30 25.5	+1.6
VCA	Vinchina	2.94	105	eP	Sb	05 31 06.5	+0.9
VCA	Vinchina	2.94	105	eP	Sb	05 31 19.0	
VCA	Vinchina	2.94	105	eP	Pb	05 30 28.5	-1.1
ACDV	Cuesta del Vie	2.96	137	eP	Pb	05 30 28.6	-1.4
ACDV	Cuesta del Vie	2.96	137	eP	Sb	05 31 07.0	+0.8
ACDV	Cuesta del Vie	2.96	137	eP	Sb	05 31 13.0	
CO02	Combarbal	3.21	173	eP	Pn	05 30 28.3	+0.6
CO02	Combarbal	3.21	173	eP	Sb	05 31 12.6	-0.8
CO02	Combarbal	3.21	173	eP	Sb	05 31 22.0	
CO02	Combarbal	3.21	173	eP	Pn	05 30 28.0	+0.4
CO02	Combarbal	3.21	173	eP	Pn	05 30 28.1	+0.4
CO02	Combarbal	3.21	173	eP	Pb	05 30 32.3	-1.9
ACCO	Cerro Coronel	3.30	142	eP	Sb	05 30 33.4	-2.6
ACCO	Cerro Coronel	3.30	142	eP	Sb	05 31 14.0	-2.2
ACCO	Cerro Coronel	3.30	142	eP	Sb	05 31 24.8	
TINO	Tinogasta	3.42	92	eP	Pn	05 30 33.5	+3.0
TINO	Tinogasta	3.42	92	eP	Sg	05 31 25.6	-1.3
TINO	Tinogasta	3.42	92	eP	Sg	05 31 25.9	
PB14	IPOC Station P	3.49	16	eP	Pn	05 30 25.5	-6.2
PB14	IPOC Station P	3.49	16	eP	Pb	05 30 31.3	-7.9
PB14	IPOC Station P	3.49	16	eP	Sn	05 31 12.9	-0.3
PB14	IPOC Station P	3.49	16	eP	Sb	05 31 25.5	+3.8
PB14	IPOC Station P	3.49	16	eP	Sb	05 31 32.2	
PB14	IPOC Station P	3.49	16	eP	Pn	05 30 30.6	-1.1
PB14	IPOC Station P	3.49	16	eP	Pn	05 30 30.8	-0.9
PB14	IPOC Station P	3.49	16	eP	Pn	05 30 30.8	-0.9
CO04	Los Peladeros	4.04	174	eP	Pn	05 30 40.5	+1.2
CO04	Los Peladeros	4.04	174	eP	Pn	05 30 44.1	+4.4
CO04	Los Peladeros	4.04	174	eP	Pn	05 30 44.2	+3.1
ACLC	CERRO LA CRUZ	4.18	111	eP	Sb	05 31 37.2	-4.3
ACLC	CERRO LA CRUZ	4.18	111	eP	Sb	05 31 43.4	
ACLC	CERRO LA CRUZ	4.18	111	eP	Sb	05 30 44.5	+3.4
RTLL	Cerro Villucun	4.19	143	eP	Sb	05 31 38.7	-3.0
RTLL	Cerro Villucun	4.19	143	eP	Sb	05 31 51.1	
RTLL	Cerro Villucun	4.19	143	eP	Sb	05 31 51.1	
RTLS	Leoncito	4.21	154	eP	Sb	05 30 46.0	+4.5
RTLS	Leoncito	4.21	154	eP	Sb	05 31 35.0	+4.1
ZON	Zonda	4.26	146	eP	Sb	05 30 45.8	+3.7
ZON	Zonda	4.26	146	eP	Sb	05 31 37.5	+5.6
ZON	Zonda	4.26	146	eP	Sb	05 32 00.6	
ZON	Zonda	4.26	146	eP	Pn	05 30 42.4	+0.3
ZON	Zonda	4.26	146	eP	Pn	05 30 42.4	+0.3
SJA	San Juan	4.31	145	eS	Sb	05 31 41.0	-3.9
SJA	San Juan	4.31	145	eS	Sb	05 32 08.2	
CFA	Coronel Fuent	4.54	143	eP	Pn	05 30 49.0	+3.2
CFA	Coronel Fuent	4.54	143	eP	Sn	05 31 41.1	+2.5
CFA	Coronel Fuent	4.54	143	eP	Sn	05 31 41.1	+2.5
CFA	Coronel Fuent	4.54	143	eP	Sb	05 31 49.1	
VA03	San Esteban	4.80	171	eP	Pn	05 30 50.8	+1.3
CYA	Choya	4.90	96	eP	Pn	05 30 54.0	+2.0
VA01	Torpederos	5.00	182	eP	Pn	05 30 52.0	-0.2
PEL	Peledhue	5.16	173	eP	Pn	05 30 55.3	+0.9
PEL	Peledhue	5.16	173	eP	Pn	05 30 55.3	+0.9
PEL	Peledhue	5.16	173	e			

MLPR	Maguero Isian	45.90	6	P	P	05 37 59.5	-0.4
CRPR	Cabo Rojo, PR	45.93	6	P	P	05 37 59.8	-0.3
CELP	Cerrillos	46.05	6	P	P	05 38 00.1	-0.9
PDPR	Patillas Dam, comp=Z,44m,0.8s	46.05	7	I	I	05 38 00.9	
SJG	San Juan	46.13	7	P	P	05 38 00.9	-0.8
SJG	San Juan	46.13	7	P	P	05 38 00.9	-0.8
SJG	San Juan	46.13	7	P	P	05 38 00.6	-1.1
SJG	San Juan	46.13	7	P	P	05 38 00.3	-0.8
BANI	BANI	46.14	1	P	P	05 38 02.3	+0.4
PRSN	Puerto Rico Se	46.14	6	P	P	05 38 01.2	-0.6
AOPR	Arecibo Observ	46.30	6	P	P	05 38 02.8	-0.3
ECPR	Experimental S	46.31	7	P	P	05 38 02.3	-0.8
MTDJ	Mount Denham	46.34	352	P	P	05 38 03.0	-0.5
PETF	Flores	48.09	336	I	I	05 38 19.5	
TEIG	Tejich	50.64	339	P	P	05 38 36.9	+0.5
CAIB	Caibarien	50.80	350	P	P	05 38 38.5	+0.9
SOR	Soroa	51.72	346	P	P	05 38 45.2	+0.6
SOR	Soroa	51.72	346	P	P	05 38 45.2	+0.6
BELA	Belgrano 2	52.68	171	I	I	05 38 53.0	
VNA3	Neumayer Olymp	54.74	160	I	I	05 39 06.4	+0.2
VNA3	Neumayer Olymp	54.74	160	P	P	05 39 06.3	0.0
VNA1	Neumayer-Stat	55.01	159	I	I	05 39 08.8	+0.6
VNA2	Neumayer-Watz	55.36	159	I	I	05 39 11.0	+0.2
VNA2	Neumayer-Watz	55.36	159	P	P	05 39 11.0	+0.2
SNA4	Sanae	56.96	159	I	I	05 39 22.3	+0.1
SNA4	Sanae	56.96	159	P	P	05 39 22.3	+0.1
SNA4	Sanae	56.96	159	P	P	05 39 22.5	+0.2
SNA4	Sanae	56.96	159	P	P	05 39 22.5	+0.2
TROLL	Troll, Antarti	58.67	160	I	I	05 39 34.6	+0.2
ZAIG	Zacatecas	58.75	326	P	P	05 39 36.4	+0.7
ZAIG	Zacatecas	58.75	326	P	P	05 39 39.0	+3.4
553A	Crawfordville	59.19	347	P	P	05 39 39.4	+1.2
RGRS	Roger Stewart	61.15	352	P	P	05 39 52.5	+0.9
154A	Montrose	61.30	349	P	P	05 39 52.8	+0.2
250A	Grady	61.30	346	I	I	05 39 53.0	+0.4
NHSC	New Hope	61.34	352	P	P	05 39 53.6	+0.8
NVL	Nizarevskaya	61.63	158	P	P	05 39 50.1	-4.4
152A	Waverly Hill	61.65	347	I	I	05 39 56.2	
833A	Chaparral WMA, comp=Z,23m,0.9s	62.09	332	I	I	05 40 01.4	
GOGA	Godfrey	62.14	349	P	P	05 39 58.4	+0.1
GOGA	Godfrey	62.14	349	I	I	05 39 59.0	
GOGA	Godfrey	62.14	349	P	P	05 39 58.6	+0.3
HKT	Hockley	62.17	336	I	I	05 40 00.4	+1.9
HKT	Hockley	62.17	336	P	P	05 39 59.3	+0.8
HKT	Hockley	62.17	336	P	P	05 40 00.6	+2.1
QSPA	South Pole Qui	62.21	180	P	P	05 39 59.3	+0.6
QSPA	South Pole Qui	62.21	180	P	P	05 39 59.6	+0.5
Y57A	Sumter	62.27	352	I	I	05 40 00.9	
LRAL	Lakeview Retre	62.48	345	I	I	05 40 00.8	+0.2
146A	Jenkinsville	62.65	351	I	I	05 40 03.3	
Y52A	Liburn	62.69	348	P	P	05 40 02.2	+0.2
Z47A	Carrollton	62.89	344	I	I	05 40 04.8	
BIRD	Birdtown, Kers	62.90	352	P	P	05 40 03.8	+0.5
HND0	Hondo	63.11	333	I	I	05 40 19.1	
Y49A	Blount Mountain	63.15	346	I	I	05 40 06.3	
PAULI	Pauline	63.26	350	I	I	05 40 07.4	
BG3	Lake Jocassee	63.60	349	P	P	05 40 08.3	+0.4
FPAL	Fort Paine	63.64	347	I	I	05 40 08.4	+0.1
W52A	Murphy	63.86	349	I	I	05 40 11.4	
V58A	Windy Hill, Pi	63.87	353	I	I	05 40 10.9	
JCT	Junction City	64.16	333	P	P	05 40 13.7	+1.9
JCT	Junction City	64.16	333	I	I	05 40 14.7	
V55A	Taylorville	64.18	351	I	I	05 40 13.6	
Z41A	Richland Creek	64.22	340	I	I	05 40 14.5	
V53A	Saluda	64.24	350	I	I	05 40 13.8	
CPCT	Cooper Cave	64.31	348	P	P	05 40 13.2	+0.6
TKL	Tuckaleechee C	64.39	349	P	P	05 40 13.3	+0.2
TKL	Tuckaleechee C	64.39	349	P	P	05 40 13.3	+0.2
CCAR	Cane Creek	64.53	341	I	I	05 40 15.7	+1.6
BRDY	Brady	64.53	344	I	I	05 40 16.5	
U56A	King	64.56	352	I	I	05 40 15.8	
TXAR	Lajitas Array	64.82	329	P	P	05 40 17.8	+1.5
TXAR	Lajitas Array	64.82	329	P	P	05 40 18.2	+1.9
TX31	Lajitas Ar. Si	64.83	329	P	P	05 40 17.9	+1.6
T59A	Double "B" Far	64.89	355	I	I	05 40 16.4	+0.1
T59A	Double "B" Far	64.89	355	I	I	05 40 18.0	
T59A	Double "B" Far	64.89	355	P	P	05 40 49.9	+0.4
Z38A	Mt. Pleasant	64.90	338	I	I	05 40 19.5	
FW13	Cleburne	64.92	336	I	I	05 40 18.7	
V48A	Smith Brothers	65.05	346	I	I	05 40 18.5	
OZNA	Ozona	65.09	332	I	I	05 40 20.8	
ELIB	Princess Elisa	65.11	160	dP	P	05 40 17.7	0.0

TZTN	Tazewell	65.21	349	I	I	05 40 19.9	
TZTN	Tazewell	65.21	349	P	P	05 40 18.9	+0.3
CLTN	Cats of Leba	65.28	347	I	I	05 40 20.6	
BLA	Blacksburg	65.42	352	I	I	05 40 21.3	
U49A	Red Boiling Sp	65.58	347	I	I	05 40 21.8	
WVT	Waverly	65.64	345	P	P	05 40 21.8	+0.5
WVT	Waverly	65.64	345	P	P	05 40 21.8	+0.5
WVT	Waverly	65.64	345	P	P	05 40 21.7	+0.4
MIAR	Mount Ida	65.65	340	P	P	05 40 22.6	+1.2
MIAR	Mount Ida	65.65	340	P	P	05 40 22.7	+1.2
MIAR	Mount Ida	65.65	340	P	P	05 40 22.8	+1.4
MIAR	Mount Ida	65.65	340	P	P	05 40 22.8	+1.4
ALPN	Alpine	65.70	330	I	I	05 40 32.5	
SS7A	Dark Hollow, R	65.80	353	I	I	05 40 23.8	
SGCY	Stang City, M	65.95	333	I	I	05 40 26.9	
WHAR	Woolly Hollow	65.97	341	I	I	05 40 24.5	+1.1
WHAR	Woolly Hollow	65.97	341	I	I	05 40 24.5	+1.1
ABTX	Abilene, Hawle	65.99	334	I	I	05 40 43.0	
TPB05	Hovey Rd	66.03	330	I	I	05 40 27.2	
TMB01	Midkiff	66.14	332	I	I	05 40 27.6	
TPB01	Permian Basin	66.25	330	I	I	05 40 28.8	
229A	Bryant Ranch,	66.28	332	I	I	05 40 29.4	
SS1A	Beattyville	66.29	349	I	I	05 40 26.8	
LCAR	Lake Charles	66.39	343	P	P	05 40 26.3	+0.2
R55A	Marlinton	66.44	353	I	I	05 40 28.2	
FCAR	Ozark Folk Cen	66.48	342	P	P	05 40 27.5	+0.8
FCAR	Ozark Folk Cen	66.48	342	P	P	05 40 28.7	
WTF5	White Falls	66.57	336	I	I	05 40 29.9	
T45A	Paduch	66.67	345	P	P	05 40 28.7	+0.8
APMT	Aspermont	66.80	334	I	I	05 40 31.1	
TPB10	Perman Basin	66.80	330	I	I	05 40 47.9	
SN07	Snyder 07	66.89	333	I	I	05 40 31.8	
X34A	Smith Ranch, M	67.09	337	I	I	05 40 33.2	
Q56A	Snyder Ridge,	67.09	353	I	I	05 40 32.6	
128A	Castleberry Fa	67.13	332	I	I	05 40 32.2	+1.2
TPB28	Perman Basin	67.19	330	I	I	05 40 46.8	
R49A	Shelbyville	67.19	348	I	I	05 40 31.7	
Q54A	Coxs Mills	67.22	352	I	I	05 40 32.0	
W35A	Tecumseh	67.26	338	I	I	05 40 45.1	
T42A	Van Buren	67.28	343	I	I	05 40 32.3	+0.5
T42A	Van Buren	67.28	343	I	I	05 40 33.4	
WCI	Wyandotte Cave	67.34	347	P	P	05 40 32.2	+0.1
WCI	Wyandotte Cave	67.34	347	P	P	05 40 32.2	+0.1
WCI	Wyandotte Cave	67.34	347	P	P	05 40 32.4	+0.2
USIN	University of	67.37	346	P	P	05 40 32.8	+0.5
HHAR	Hobbs	67.37	340	I	I	05 40 34.0	
Q52A	Bidwell	67.39	351	I	I	05 40 33.2	
DKNS	Dickens	67.41	334	I	I	05 40 35.8	
P57A	Homestead Farm	67.42	354	P	P	05 40 34.0	+1.4
FNO	Franklin	67.53	337	I	I	05 40 43.0	
WMOK	Wichita Mounta	67.55	336	P	P	05 40 34.0	+0.4
WMOK	Wichita Mounta	67.55	336	P	P	05 40 34.0	+0.4
WMOK	Wichita Mounta	67.55	336	P	P	05 40 34.0	+0.4
RLO	Rose Lookout	67.59	339	P	P	05 40 34.6	+0.8
RLO	Rose Lookout	67.59	339	P	P	05 40 35.5	
TUL3	Leonard	67.60	339	P	P	05 40 34.6	+0.8
MNTX	Cornudas Mount	67.61	329	P	P	05 40 35.0	+1.1
MNTX	Cornudas Mount	67.61	329	P	P	05 40 35.1	+1.1
Q51A	Peelbl	67.61	350	I	I	05 40 35.1	
U38A	Gravette	67.65	340	I	I	05 40 35.6	
DEOK	Depeve	67.76	338	I	I	05 40 36.3	
MCWV	Mont Chateau	67.77	353	I	I	05 40 36.3	
P53A	Whipple	67.78	352	I	I	05 40 35.9	
MVL	Millersville	67.81	356	I	I	05 40 36.1	+1.1
MVL	Millersville	67.81	356	I	I	05 40 37.1	
FVM	French Village	68.02	344	P	P	05 40 37.2	+0.8
FVM	French Village	68.02	344	P	P	05 40 37.2	+0.8
PAG5	Corning	68.03	351	I	I	05 40 37.1	
P52A	Pennsylvania G	68.06	356	I	I	05 40 38.4	
OLIL	Olney	68.20	346	I	I	05 40 38.1	
CCM	Cathedral Cave	68.29	343	P	P	05 40 39.0	+0.9
CCM	Cathedral Cave	68.29	343	P	P	05 40 39.0	+0.9
CCM	Cathedral Cave	68.29	343	P	P	05 40 39.3	+1.2
BLO	Bloomington	68.30	347	I	I	05 40 38.6	
P48A	Milroy	68.38	348	I	I	05 40 38.9	
MSMX	Muleshoe	68.42	332	I	I	05 40 41.6	
SMWD	Samnorwood	68.42	335	I	I	05 40 41.6	
O52A	Adamsville	68.46	351	I	I	05 40 39.9	
OK051	E0350 and S346	68.48	338	P	P	05 40 39.6	+0.3
Q44A	Meyer Farm, Va	68.56	345	I	I	05 40 41.0	
N58A	Sunbury	68.67	356	I	I	05 40 41.4	+1.0
N58A	Sunbury	68.67	356	I	I	05 40 42.4	
ACSO	Alum Creek Sta	68.73	351	P	P	05 40 41.2	+0.4
T35A	Sooner Cattle	68.75	339	I	I	05 40 54.9	
AMTX	Amarillo	68.78	334	I	I	05 40 50.7	
ODNJ	Ogdensburg	68.80	357	I	I	05 40 43.2	

BLOK	Blackwell	68.84	338	I	I	05 40 44.0	
CROK	Carrier	68.86	337	I	I	05 40 55.5	
O49A	Covington	68.90	349	I	I	05 40 42.0	+0.1
O49A	Covington	68.90	349	I	I	05 40 43.1	
PAMR	Moraine State	69.07	353	I	I	05 40 44.3	
O48B	Farland	69.11	349	I	I	05 40 43.6	
M57A	Sunshine Farm,	69.20	355	I	I	05	

1d 6h

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like NNA, VAO, BELA, SNA, QSPA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like CO02, CO03, CO04, CO05, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like SNA, TROLL, QSPA, etc.

Station coordinates and parameters for SJA 01 06:28:16.8, 0.6, 27.725:71.64W, h13km, 3m, ML4.9, MW4.5

Station coordinates and parameters for IDC 01 06:28:19.6, 0.5, 27.915:71.00W, h0km, mb4.4/12, mbtmp4.4/14, ML4.7/2, Error ellipse: s-maj=17.6km

Station coordinates and parameters for NEIC 01 06:28:23.0, 0.9, 27.905:0.03:71.13W, 0.06, h21km, 4km, mb4.8/127, Mwr4.7(GUC), Error ellipse: s-maj=8.2km

Station coordinates and parameters for GUC 01 06:28:23.0, 0.9, 28.015:71.07W, h2km, 3m, ML4.5

Station coordinates and parameters for VAO 01 06:28:22.6, 0.3, 27.885:0.02:71.21W, 0.04, h12km, 2km, n260, s145/266, mb4.7/69, 10C-2D, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like AC04, AC05, AC06, AC07, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like LPAZ, CPUP, ANCO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like GDL2, MINTX, OK052, etc.

1d 7h

Table with columns: CROK Carrier, Frequency, Mode, and Time. Rows include stations like 049A Covington, N53A Lisboa, SBA Scott Base, etc.

2020 SEP

Table with columns: PFO, PFO Pinoy Flats O, D62A Allapat, E46A Sault Ste Mari, etc. Includes various station identifiers and frequencies.

Table with columns: PLID, M03C McClo, LBTB Lobatse, etc. Includes station identifiers, frequencies, and various data points.

Table with columns: AC01, AC01, Pan de Azucar, 1.99, 19f, eP, Pn, 07 31 52.9 -0.9, 07 32 33.8, etc.

Table with columns: PESCX, UABX, SGL, SGL, La Rumorosa, 1.16, 341, eP, Pn, 07 31 58.0 +1.5, etc.

Table with columns: LDUT, OWD, OWD, Renai, 1.05, 299, iP, Sg, 07 43 54.9 -1.6, etc.

TRN 01 07:33:26, 15:36N-60:44W, h21km, MD3.7, East of

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC, etc.

Table with columns: DNR, PND, PMD, PMD, comp=E, 110nm, 0.9s, IAML, 07 42 46.2 +0.8, etc.

Table with columns: VOY, YONAGUNI JIMA, YONAGUNI JIMA, YONAGUNI JIMA, 1.26, 37, P, Sg, 07 43 47.1 -0.9, etc.

NEIC 01 07:41:34.4, 2.4, 31.45N, 0:03.115, 65W, 0:03, h21km, 8km,

PAS 01 07:41:35.7, 1.3, 31.49N, 0:05.115, 67W, 0:02, h16km, 7km,

ECX 01 07:41:36.0, 0.5, 31.52N, 1:15.62W, h6km, 2km, MD3.4,

ISC 01 07:41:35.0, 0.9, 31.51N, 0:02.115, 63W, 0:02, h15km, 7km,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC, etc.

JMA 01 07:43:25.8, 0.1, 23.5N, 0:7.122, 11E, 0.6, h39km, MV3.5/15,

TAP 01 07:43:26.2, 23.49N, 122:12E, h39km, ML4.2, D

ISC 01 07:43:23.6, 0.1, 23.45N, 0:02.122, 18E, 0.02, h18km, 8km,

n162, e1979/304, 1-13D, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC, etc.

Table with columns: Station Name, Frequency, Mode, Class, Power, and other technical details. Includes stations like MASBT Mashbuluo, WFSB Wu-fen Shan, SXH1 Grass Mountain, etc.

Table with columns: Station Name, Frequency, Mode, Class, Power, and other technical details. Includes stations like SANI Sanana, TNTI Ternate, BAKI Biak, etc.

Table with columns: Station Name, Frequency, Mode, Class, Power, and other technical details. Includes stations like GTA2 Gaotai, EVN Everest, HILR Hailar Array, etc.

SJA 01 07:45:09.3+1.3, 27°28'05.7168W, h20km, ML3.3, MW3.5, Near coast of northern Chile

Table with columns: Code, Station Name, Frequency, Mode, Class, Power, and other technical details. Includes stations like AC02 Maricunga, AROD Rodeo, ACCO Cerro Coronel, etc.

Table with columns: Station Name, Frequency, Mode, Class, Power, and other technical details. Includes stations like AS01 Alice Springs, AS31 Alice Springs, ASAR Alice Springs, etc.

Table with columns: Station Name, Frequency, Mode, Class, Power, and other technical details. Includes stations like AAA Alma-Ata, BOOM Boomsokye, KURK Kurchatov, etc.

IDC 01 07:49:10.8±0.5, 3°30'S:131.03E, h0km, mb4.5/19, mbmp4.5/22, ML4.1/3, MS4.2/3, Error ellipse: s-maj=21.6km s-min=11.4km az=87.0

Table with columns: Code, Station Name, Frequency, Mode, Class, Power, and other technical details. Includes stations like FAKI Fak Fak, BNDI Bandanaira, SWI Sorong, etc.

Table with columns: Station Name, Frequency, Mode, Class, Power, and other technical details. Includes stations like CMAR Chiang Mai Arr, CHTO Chiang Mai, KMI2 Kunming, etc.

Table with columns: Station Name, Frequency, Mode, Class, Power, and other technical details. Includes stations like MAW Mawson, MAW Mawson, MAW Mawson, etc.

1d 10h

Table with columns for station name, frequency, power, and other technical details. Includes stations like PLCA Paso Flores, ANCO Parque Anchore, and various regional stations.

2020 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like ROSC El Rosal, ROSC El Rosal, ROSC El Rosal, and various regional stations.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like SOR Soroa, BELA Belgrano 2, VNA3 Neumayer Olymp, and various regional stations.

MIAR	comp=Z,76nm,1.4s	65.50	340	P	P	10 42 35.5	+1.3
PLPT	Mount Ida comp=Z,34nm,1.5s	65.52	335	Iamb	Iamb	10 42 48.7	
ALPN	Palo Pinto comp=Z,29nm,0.7s	65.57	330	Iamb	Iamb	10 42 49.7	
S57A	Dark Hollow, R comp=Z,62nm,1.6s	65.65	353	Iamb	Iamb	10 42 49.0	
SGVC	Sterling City comp=Z,24nm,0.8s	65.82	332	Iamb	Iamb	10 42 51.4	
WHAR	Woody Hollow comp=Z,24nm,0.8s	65.82	341	P	P	10 42 36.6	+0.4
ABTX	Abilene, Hawle comp=Z,60nm,1.1s	65.86	334	Iamb	Iamb	10 42 51.2	
TPB05	Hovey Rd comp=Z,27nm,0.9s	65.89	330	Iamb	Iamb	10 42 55.2	
MNHN	Monahans comp=Z,25nm,0.7s	66.01	331	Iamb	Iamb	10 42 49.5	
S51A	Beattyville comp=Z,31nm,1.0s	66.14	349	Iamb	Iamb	10 42 51.4	
R55A	Martinton comp=Z,30nm,1.0s	66.29	353	Iamb	Iamb	10 43 03.2	
FCAR	Ozark Folk Cen FCAR	66.34	342	P	P	10 42 39.6	0.0
WTF5	Witchita Falls comp=Z,64nm,1.4s	66.43	336	Iamb	Iamb	10 42 54.6	
PECS	Pecos comp=Z,70nm,1.6s	66.52	330	Iamb	Iamb	10 42 55.6	
VHRN	Van Horn comp=Z,56nm,1.5s	66.53	329	Iamb	Iamb	10 42 55.9	
T45A	Paducah	66.53	345	P	P	10 42 41.5	+0.7
SN07	Snyder 07 comp=Z,23nm,0.7s	66.76	333	Iamb	Iamb	10 42 56.7	
Q56A	Snyder Ridge comp=Z,47nm,1.2s	66.94	353	Iamb	Iamb	10 42 57.8	
X34A	Smith Ranch, M comp=Z,42nm,0.9s	66.95	337	Iamb	Iamb	10 42 58.0	
R49A	Shelbyville comp=Z,19.0s	67.05	348	IAMS_20	IAMS_20	11 15 32.0	
Q54A	Coxs Mills comp=Z,21nm,0.8s	67.07	352	Iamb	Iamb	10 42 57.1	
WCI	Wyandotte Cave comp=Z,46nm,0.9s	67.19	347	P	P	10 42 44.5	-0.5
WCI	Wyandotte Cave comp=Z,50nm,1.0s	67.19	347	P	P	10 42 44.5	-0.5
WCI	Wyandotte Cave comp=Z,46nm,0.8s	67.19	347	P	P	10 42 45.2	+0.2
HHAR	Hobbs comp=Z,40nm,1.0s	67.22	340	Iamb	Iamb	10 42 59.3	
Q52A	Bidwell comp=Z,59nm,1.4s	67.24	351	Iamb	Iamb	10 42 58.4	
P61A	Hammond comp=Z,69nm,2.0s	67.25	357	IAMS_20	IAMS_20	11 15 44.4	
P57A	Homestead Farm comp=Z,47nm,0.9s	67.27	354	Iamb	Iamb	10 43 00.6	
DKNS	Dickens comp=Z,21nm,0.7s	67.28	334	Iamb	Iamb	10 42 48.5	
WMOK	Wichita Mounta comp=Z,31nm,1.2s	67.42	336	Iamb	Iamb	10 42 47.3	+0.8
WMOK	Wichita Mounta comp=Z,31nm,1.2s	67.42	336	Iamb	Iamb	10 43 28.6	
WMOK	Wichita Mounta comp=Z,31nm,1.2s	67.42	336	P	P	10 42 47.2	+0.8
R45	Rose Lookout comp=Z,52nm,1.1s	67.45	339	Iamb	Iamb	10 43 00.7	
Q51A	Peebles comp=Z,32nm,0.9s	67.46	350	Iamb	Iamb	10 42 59.8	
MNTX	Cornudas Mount comp=Z,1.1um,18.0s	67.48	329	IAMS_20	IAMS_20	11 08 35.7	
MNTX	Cornudas Mount comp=Z,24nm,0.9s	67.48	329	P	P	10 42 48.0	+1.0
U38A	Gravette comp=Z,28nm,1.0s	67.50	340	Iamb	Iamb	10 43 00.9	
P53A	Whipple comp=Z,32nm,0.9s	67.64	352	Iamb	Iamb	10 43 01.1	
P51A	Williamsport comp=Z,31nm,1.0s	67.86	350	Iamb	Iamb	10 43 02.1	
PAGS	Pennsylvania G comp=Z,45nm,0.8s	67.91	356	Iamb	Iamb	10 43 03.6	
OLIL	Olney comp=Z,33nm,0.9s	68.05	346	Iamb	Iamb	10 43 03.4	
EPT	El Paso comp=Z,2.1um,18.0s	68.06	328	IAMS_20	IAMS_20	11 09 02.1	
CCM	Cathedral Cave comp=Z,44nm,0.8s	68.14	343	P	P	10 42 51.0	0.0
CCM	Cathedral Cave comp=Z,60nm,2.2s	68.14	343	P	P	10 42 51.0	0.0
CCM	Cathedral Cave comp=Z,60nm,1.1s	68.14	343	P	P	10 42 52.1	+1.2
P48A	Milroy comp=Z,32nm,1.1s	68.23	348	Iamb	Iamb	10 43 04.1	
P48A	comp=Z,833nm,19.0s			IAMS_20	IAMS_20	11 16 17.3	
BRNJ	Basking Ridge comp=Z,26nm,0.8s	68.25	357	Iamb	Iamb	10 42 54.2	
SMWD	Samnorwood comp=Z,45nm,1.0s	68.28	335	Iamb	Iamb	10 43 06.3	
M5TX	Muleshoe comp=Z,44nm,0.9s	68.31	332	Iamb	Iamb	10 43 06.5	
O52A	Adamsville comp=Z,29nm,0.8s	68.31	351	Iamb	Iamb	10 43 05.0	
S39A	Bolivar comp=Z,54nm,1.0s	68.36	341	Iamb	Iamb	10 43 06.4	
N62A	Caumsett State comp=Z,869nm,20.0s	68.46	358	IAMS_20	IAMS_20	11 16 43.4	
N58A	Sunbury comp=Z,29nm,0.9s	68.52	356	Iamb	Iamb	10 43 07.6	
PAL	Palisades comp=Z,97nm,2.0s	68.55	358	IAMS_20	IAMS_20	11 13 57.7	
T35A	Sooner Cattle comp=Z,63nm,1.4s	68.61	339	Iamb	Iamb	10 43 08.2	
AMTX	Amarillo comp=Z,24nm,0.8s	68.64	334	Iamb	Iamb	10 43 09.0	
BLOK	Blackwell comp=Z,35nm,0.8s	68.70	338	Iamb	Iamb	10 42 57.4	
P46A	Rosedale comp=Z,43nm,0.9s	68.72	347	Iamb	Iamb	10 43 07.3	
P46A	comp=Z,1.1um,18.0s			IAMS_20	IAMS_20	11 18 47.3	
O49A	Covington comp=Z,40nm,1.0s	68.75	349	Iamb	Iamb	10 43 07.7	
O49A	comp=Z,917nm,20.0s			IAMS_20	IAMS_20	11 15 17.1	
O48B	Ferland comp=Z,44nm,1.0s	68.95	349	Iamb	Iamb	10 43 08.9	
M57A	Sunshine Farm, comp=Z,26nm,1.0s	69.04	355	Iamb	Iamb	10 43 22.8	
KSPA	Keystone Colle comp=Z,26nm,1.0s	69.18	357	Iamb	Iamb	10 43 11.6	
SBA	Scott Base comp=Z,2.1um,20.0s	69.18	191	P	P	10 42 55.4	-1.7
SBA	Scott Base comp=Z,2.1um,20.0s	69.18	191	IAMS_20	IAMS_20	11 18 02.9	
SBA	Scott Base comp=Z,2.1um,20.0s	69.18	191	P	P	10 43 00.4	+3.3
KAN01	Argonia South comp=Z,42nm,1.1s	69.23	338	Iamb	Iamb	10 43 12.3	
KAN08	Anthony NE Sta comp=Z,45nm,1.0s	69.37	338	Iamb	Iamb	10 43 13.2	
L64A	Middletown comp=Z,54nm,1.0s	69.44	0	Iamb	Iamb	10 43 13.8	
N49A	Columbus Grove comp=Z,100nm,20.0s	69.44	350	IAMS_20	IAMS_20	11 14 16.4	
N47A	Urbana comp=Z,49nm,1.0s	69.66	349	Iamb	Iamb	10 43 13.1	
N47A	comp=Z,821nm,18.0s			IAMS_20	IAMS_20	11 14 15.1	
L59A	Walton comp=Z,304nm,20.0s	69.77	357	IAMS_20	IAMS_20	11 14 42.1	
BINY	Binghamton comp=Z,33nm,1.1s	69.83	356	Iamb	Iamb	10 43 16.4	
BINY	Binghamton comp=Z,33nm,1.1s	69.83	356	P	P	10 43 03.8	+2.4
BCV	Boston College comp=Z,1.1um,22.0s	69.84	0	IAMS_20	IAMS_20	11 06 58.9	
WES	Weston comp=Z,44nm,1.0s	69.89	0	Iamb	Iamb	10 43 16.6	
HRV	Adam Dzewiowski comp=Z,69nm,0.9s	70.01	360	P	P	10 43 01.0	-1.5
HRV	comp=Z,80nm,2.2s			MLR	MLR		

HRV	Adam Dzewiowski comp=Z,97nm,1.0s	70.01	360	P	P	10 43 01.0	-1.5
HRV	Adam Dzewiowski comp=Z,97nm,1.0s	70.01	360	P	P	10 43 04.4	+1.9
K62A	Royalston comp=Z,49nm,1.1s	70.17	359	Iamb	Iamb	10 43 18.1	
P38A	Dawn comp=Z,54nm,1.2s	70.22	342	Iamb	Iamb	10 43 17.6	
TRY	Troy comp=Z,947nm,19.0s	70.27	358	IAMS_20	IAMS_20	11 18 14.1	
RTBA	Rita Blanca comp=Z,90nm,1.9s	70.42	334	Iamb	Iamb	10 43 20.2	
TUC	Tucson comp=Z,2.1um,19.0s	70.58	325	P	P	10 43 09.6	+3.3
TUC	Tucson comp=Z,2.1um,19.0s	70.58	325	P	P	10 43 09.6	+3.3
ABQ	Albuquerque comp=Z,2.1um,19.0s	70.69	330	IAMS_20	IAMS_20	11 10 33.8	
ALQ	Albuquerque comp=Z,61nm,1.8s	70.69	330	Iamb	Iamb	10 43 22.6	
ALQ	Albuquerque comp=Z,62nm,1.8s	70.69	330	Iamb	Iamb	10 43 22.6	
ALQ	Albuquerque comp=Z,2.1um,18.0s	70.69	330	IAMS_20	IAMS_20	11 11 00.7	
ANMO	Albuquerque comp=Z,149.3nm,19.0s	70.69	330	LR	LR	11 10 54.7	
ANMO	Albuquerque comp=Z,34nm,2.5s	70.69	330	P	P	10 43 07.5	+0.4
ANMO	Albuquerque comp=Z,2.1um,19.0s	70.69	330	IAMS_20	IAMS_20	11 10 34.8	
ANMO	Albuquerque comp=Z,18nm,1.9s	70.69	330	P	P	10 43 10.2	+3.1
TASM	ASL Pad, Albuq comp=Z,19.0s	70.69	330	IAMS_20	IAMS_20	11 10 35.4	
TASM	ASL Pad, Albuq comp=Z,2.1um,19.0s	70.69	330	IAMS_20	IAMS_20	11 10 35.4	
TASM	ASL Pad, Albuq comp=Z,2.1um,19.0s	70.69	330	IAMS_20	IAMS_20	11 10 35.4	
TASM	ASL Pad, Albuq comp=Z,2.1um,19.0s	70.69	330	IAMS_20	IAMS_20	11 10 33.8	
R32A	Long Quarter, comp=Z,62nm,1.2s	70.70	338	Iamb	Iamb	10 43 21.4	
J61A	Chester comp=Z,56nm,1.0s	70.86	359	Iamb	Iamb	10 43 22.5	
J59A	Piesco comp=Z,41nm,1.1s	71.02	358	Iamb	Iamb	10 43 22.9	
J59A	comp=Z,1.1um,18.0s			IAMS_20	IAMS_20	11 18 21.2	
J57A	Williamstown comp=Z,34nm,0.9s	71.04	356	Iamb	Iamb	10 43 22.6	
HNH	Hanover comp=Z,45nm,1.0s	71.21	359	Iamb	Iamb	10 43 24.7	
L44A	Lake County Fo comp=Z,820nm,20.0s	71.33	347	IAMS_20	IAMS_20	11 17 59.3	
SYO	Syowa Base comp=Z,1.1um,18.0s	71.39	159	P	P	10 43 11.0	+0.3
CBKS	Cedar Bluff comp=Z,2.7nm,0.8s	71.40	337	Iamb	Iamb	10 43 13.9	
MCVT	Middlebury Col comp=Z,1.12um,1.8s	71.47	359	Iamb	Iamb	10 43 14.9	
L42A	comp=Z,34nm,1.0s	71.52	346	Iamb	Iamb	10 43 25.9	
L42A	comp=Z,741nm,18.0s			IAMS_20	IAMS_20	11 20 07.5	
T25A	Triad comp=Z,831nm,18.0s	71.69	333	IAMS_20	IAMS_20	11 12 53.2	
CFNY	Clifton-Fine, comp=Z,32nm,0.9s	71.75	357	Iamb	Iamb	10 43 26.9	
LBHN	Lisbon comp=Z,37nm,0.9s	71.75	360	Iamb	Iamb	10 43 28.3	
PPT	Papeete comp=Z,3.1um,18.1s	71.76	259	LR	LR	11 07 27.5	
K43A	Burlington comp=Z,36nm,19.0s	71.92	347	IAMS_20	IAMS_20	11 18 26.9	
LONY	Lake Ozonia comp=Z,43nm,1.0s	72.18	358	Iamb	Iamb	10 43 29.8	
LONEY	comp=Z,1.1um,18.0s			IAMS_20	IAMS_20	11 19 13.8	
FLY	Fletcher comp=Z,47nm,1.0s	72.24	359	Iamb	Iamb	10 43 30.9	
EMMW	East Machias comp=Z,42nm,0.9s	72.30	3	P	P	10 43 14.8	-1.5
EMMW	Halifax comp=Z,43nm,0.9s	72.50	6	P	P	10 43 16.6	-0.8
HAL	Halifax comp=Z,43nm,0.9s	72.50	6	P	P	10 43 16.6	-0.8
HAL	Halifax comp=Z,43nm,0.9s	72.50	6	P	P	10 43 32.3	
JFWS	Jewell Farm comp=Z,38nm,0.8s	72.52	346	Iamb	Iamb	10 43 31.4	
WBO	Williamsburg comp=Z,55nm,0.9s	72.59	357	Iamb	Iamb	10 43 32.0	
SADO	Sadova comp=Z,630nm,19.1s	72.61	354	LR	LR	11 18 30.9	
SADO	Sadova comp=Z,2.2nm,0.9s	72.61	354	Iamb	Iamb	10 43 31.7	
G62A	West of Eustis comp=Z,62nm,0.9s	72.73	1	Iamb	Iamb	10 43 34.1	
GGN	Saint George comp=Z,34nm,0.9s	72.74	3	Iamb	Iamb	10 43 33.9	
DBIC	Dimboko comp=Z,57nm,0.7s	72.78	73	P	P	10 43 19.9	+0.1
DBIC	Dimboko comp=Z,57nm,0.7s	72.78	73	P	P	10 43 19.9	+0.1
DBIC	Dimboko comp=Z,57nm,0.7s	72.78	73	P	P	10 43 20.2	+0.3
G65A	Prince comp=Z,102nm,0.8s	72.79	3	Iamb	Iamb	10 43 34.2	
PKME	Peaks-Kenny Pk comp=Z,38nm,0.9s	72.79	2	Iamb	Iamb	10 43 33.6	
I42A	Draeger Farm, comp=Z,94nm,0.8s	73.17	347	Iamb	Iamb	10 43 35.1	
I42A	comp=Z,993nm,21.0s			IAMS_20	IAMS_20	11 18 54.2	
S22A	4UR Ranch, Cr comp=Z,1.1um,20.0s	73.21	331	IAMS_20	IAMS_20	11 12 26.5	
F64A	Sherman comp=Z,47nm,0.9s	73.42	2	Iamb	Iamb	10 43 37.9	
WU4Z	Wupatki comp=Z,1.1um,19.0s	73.44	327	IAMS_20	IAMS_20	11 11 25.6	
MVCO	Mesa Verde comp=Z,2.1um,19.0s	73.49	330	IAMS_20	IAMS_20	11 11 36.5	
MVCO	Mesa Verde comp=Z,2.1um,19.0s	73.49	330	P	P	10 43 26.8	+2.9
H43A	Windswept, Lux comp=Z,47nm,0.8s	73.51	348	Iamb	Iamb	10 43 37.0	
I40A	Norwalk comp=Z,1.1um,20.0s	73.53	346	IAMS_20	IAMS_20	11 19 45.7	
LMN							

1d 10h

2020 SEP

Table with columns: Name, Comp, Time, Status, and other details. Includes entries like TORO Torodi Ar. Bea, ORV Croville, BOZ Bozeman (W), etc.

Table with columns: Name, Comp, Time, Status, and other details. Includes entries like MOE Monteror, NLWA Neitko Kokou, SFS San Fernando, etc.

Table with columns: Name, Comp, Time, Status, and other details. Includes entries like H27K Steamboat Moun, RIDG Independent Ri, F28M Old Cow, etc.

SOC	comp=Z,15nm,0.6s	123.47	54	eP	Pdf	10 47 13.0	-7.5	YSS	comp=Z,539nm,20.0s				WMQ	comp=Z,470nm,18.9s		L	L	
SOC						10 50 48.1		SALM	Salem	147.28	113	eP	PKPdf	10 51 31.8	-1.2			
SOC						10 52 31.3		TNTI	Ternate	147.60	217	eP	PKPbc	10 51 37.1	+0.8			
SOC	comp=Z,9.0nm,0.6s							KURK	Kurchatov	147.83	37	eP	PKPbc	10 51 37.7	+0.8			
VRSL	Vesolyovye	123.67	55	i/	PKIKP	10 50 48.4	-0.3	KURB	Kurchatov Arra	147.84	37	eP	PKPbc	10 51 33.9	+1.0			
LPSR	Galich ya Gora	123.79	43	e/	PKIKP	10 50 48.4	-0.2	ARSL	Arslanbob	148.00	56	eP	PKPbc	10 51 35.4	-1.4			
LPSR								ARSB	Arslanbob	148.00	56	eP	PKPbc	10 51 35.4	-1.4			
VSR	comp=Z,10.0nm,1.0s	123.87	45	e/	PKIKP	10 50 47.8	-1.0	ARSI	Arslanbob	148.00	56	eP	PKPbc	10 51 35.4	-1.4			
VSR	Storozhevoye	123.87	45	e/	PKIKP	10 50 47.8	-1.0	MSI	Mamula	148.15	169	eP	PKPbc	10 51 42.2	+1.6			
VORR	Voronetz	123.92	45	e/	PKIKP	10 50 49.4	+0.3	LWU1	Luwuk	148.19	208	eP	PKPbc	10 51 34.7	0.0			
VORR								LWU2	Luwuk	148.19	208	eP	PKPbc	10 51 37.3	-0.6			
VORD	comp=Z,10.0nm,0.7s	123.93	45	e/	PKIKP	10 50 47.5	-1.4	LWU3	Luwuk	148.19	208	eP	PKPbc	10 51 39.8	+0.2			
VORD	Divnogoye	123.93	45	e/	PKIKP	10 50 47.5	-1.4	EKS2	Erkin-Say	148.23	53	eP	PKPbc	10 51 35.8	-1.6			
KLMP	Klimovskoe	124.07	33	e/	PKIKP	10 50 48.5	-0.4	BBK1	Banjik Baru	148.28	192	eP	PKPbc	10 51 41.4	+0.4			
KLMP								JKA	Kanjikawa-asahi	148.31	310	eP	PKPbc	10 51 38.5	-0.4			
VRH	comp=Z,31nm,1.4s	125.47	45	e/	PKIKP	10 50 52.8	+0.6	ASAJ	Asahikawa	148.31	310	eP	PKPbc	10 51 38.5	-0.4			
VRH	Novokhoporyos	125.47	45	e/	PKIKP	10 50 52.8	+0.6	USP	Ospenovka	148.56	52	eP	PKPbc	10 51 35.6	+1.2			
NEUR	Neytrino	125.58	55	i/	PKIKP	10 50 54.1	+1.1	SGDS	Sogdiny	148.59	51	eP	PKPbc	10 51 34.9	+0.4			
KIV	Kislovodsk	125.65	54	e/	PKIKP	10 50 55.6	+2.6	UDPR	Udaipur	148.62	88	eP	PKPbc	10 51 33.9	-1.2			
KIV						10 52 46.9		ZAAO	Zalesovo Array	148.64	27	eP	PKPbc	10 51 35.0	+0.9			
KIV	comp=Z,10.0nm,1.0s					11 02 49.2	+2.8	ZALV	Zalesovo Beam	148.64	27	eP	PKPbc	10 51 35.8	+1.7			
KIV								ZALV	Zalesovo Beam	148.64	27	eP	PKPbc	10 51 34.7	+0.6			
KIV	comp=Z,378nm,23.0s	125.65	54	e/	IAMS_20	11 46 57.1		ZALV	Zalesovo Beam	148.64	27	eP	PKPbc	10 51 34.7	+0.6			
KIV	Kislovodsk	125.65	54	e/	IAMS_20	11 46 57.1		AAK	Ala-Archa	148.75	53	eP	PKPbc	10 51 37.4	-1.3			
KBZ	Khabaz	125.77	55	e/	PKIKP	10 50 54.0	+1.0	AAK	Ala-Archa	148.75	53	eP	PKPbc	10 51 37.4	-1.3			
KBZ								CHMS	Chumysay	148.82	52	eP	PKPbc	10 51 40.2	+0.2			
KBZ	Khabaz	125.77	55	e/	PKIKP	10 50 55.0	+1.9	UCH	Uchter	148.88	54	eP	PKPbc	10 51 37.2	+1.7			
GOF	Goitivy	126.01	53	e/	PKIKP	10 50 51.5		BKNR	Bikaner	148.89	81	eP	PKPbc	10 51 34.1	-1.2			
H1S2	WAKE ISLAND Hy26.18 273 T					13 10 03.1		GRNR	Gornyy	148.89	325	i/	PKPbc	10 51 39.8	-1.0			
H1S1	WAKE ISLAND Hy26.17 273 T					13 10 04.0		KBL	Karagaybulak	149.06	53	eP	PKIKP	10 51 41.8	+1.0			
H1S3	WAKE ISLAND Hy26.18 273 T					13 10 02.5		NBK	Nilore	149.21	70	eP	PKPbc	10 51 40.5	+0.5			
H1S3	WAKE ISLAND Hy26.18 273 T					13 10 02.5		NIL	Nilore	149.21	70	eP	PKPbc	10 51 40.5	+0.5			
WRA	Warramunga Arr	126.34	211	e/	PKIKP	10 50 54.5	-0.1	TKM2	Tokmak 2	149.43	52	eP	PKPbc	10 51 38.0	+1.9			
WRAB	Tennant Creek	126.34	211	e/	PKIKP	10 50 54.8	+0.2	MNI	Manado	149.47	213	eP	PKPbc	10 51 52.1	+6.2			
WRAB	Tennant Creek	126.34	211	e/	PKIKP	10 50 54.8	+0.2	GTOI	Gorontalo	149.60	210	eP	PKPbc	10 51 42.0	+0.5			
WRAB								PKKI	Palangkaraya	149.63	191	eP	PKPbc	10 51 54.8	+8.4			
H1N3	WAKE ISLAND Hy26.42 275 T					13 10 29.0		SRGN	SRI GANGA NAGA	149.63	191	eP	PKPbc	10 51 32.4	-4.0			
H1N1	WAKE ISLAND Hy26.43 275 T					13 10 30.4		AJL	Ajmer	149.82	85	eP	PKPbc	10 51 35.8	-1.3			
H1N2	WAKE ISLAND Hy26.43 275 T					13 10 29.3		ULHL	Uljaloh	150.10	53	eP	PKPbc	10 51 44.0	+1.0			
GNI	Garni	126.72	59	i/	PKIKP	10 50 54.1	-0.8	NRN	Naryn	150.17	54	eP	PKHKK	10 51 39.3				
GNI	Garni	126.72	59	i/	PKIKP	10 50 54.1	-0.8	NRN	Naryn	150.17	54	eP	PKHKK	10 51 39.3	+1.9			
BILL	Bilibino	127.49	336	e/	PKIKP	10 50 56.1	+0.3	AAA	Alma-Ata	150.25	51	eP	PKHKK	10 51 37.4	+0.3			
BILL	Bilibino	127.49	336	e/	PKIKP	10 50 56.1	+0.3	TNS	Tian-Shan	150.33	51	eP	PKPbc	10 51 37.6	-0.1			
BELG	Belogoroye	129.11	44	e/	PKIKP	10 50 59.4	0.0	TNS	Tian-Shan	150.33	51	eP	PKPbc	10 51 37.6	-0.1			
AKT	Akhty	129.12	58	i/	PKIKP	10 50 53.9	-5.4	MDOK	Medeo	150.35	51	eP	PKIKP	10 51 37.6	+0.1			
AKT						11 03 12.7	-3.1	MDOK	Medeo	150.35	51	eP	PKIKP	10 51 37.6	+0.1			
KIRV	comp=Z,24nm,1.4s	129.32	36	i/	PKIKP	10 51 00.2	+0.5	KSH2	Kashi	150.42	59	eP	PKPbc	10 51 39.6	+2.0			
MBWA	Marble Bar	130.09	194	e/	PKIKP	10 51 02.9	+0.4	KSH2										
KNRA	Kununurra	132.51	207	e/	PKIKP	10 51 05.8	-0.6	KSH2										
ARTI	Arti	134.56	37	e/	PKIKP	10 51 10.7	+0.3	KSH2										
ARTI						10 53 40.2		KSH2										
ARTI								KSH2										
TIXI	Tiksi	134.74	351	i/	PKIKP	10 51 09.8	-0.5	KSH2										
SEY	Seymchan	134.88	333	i/	PKIKP	10 51 11.2	+0.4	KSH2										
PET	Petrovavsk	135.53	319	i/	PKIKP	12 02 59.9		SJNI	Srinagar	150.48	69	eP	PKPbc	10 51 34.0	-3.9			
PEA0K	Petrovavsk	136.06	319	i/	PKIKP	10 51 10.2	-1.7	HYB	Hyderabad	150.49	104	eP	PKIKP	10 51 42.9	-0.7			
PETK	Petrovavsk	136.06	319	i/	PKIKP	10 51 04.1		HYB	Hyderabad	150.49	104	eP	PKIKP	10 51 42.9	-0.7			
PETK								HYB	Hyderabad	150.49	104	eP	PKIKP	10 51 42.9	-0.7			
PETK								HYB	Hyderabad	150.49	104	eP	PKIKP	10 51 42.9	-0.7			
NRIK	Noril'sk	136.71	11	e/	PKIKP	10 51 13.5	+0.9	TDK	Taldyqorghan	150.54	46	eP	PKIKP	10 51 37.8	+0.4			
NRIK								TDK	Taldyqorghan	150.54	46	eP	PKIKP	10 51 37.8	+0.4			
GENI	Gennyen	137.10	200	e/	PKIKP	10 51 17.4	+0.5	JMU	Jammu	150.54	72	eP	PKIKP	10 51 36.9	-1.0			
MA2	Magadan	137.22	330	i/	PKIKP	10 51 15.7	0.0	ZEA	Zeya	150.71	337	e/	PKIKP	10 51 54.3	0.0			
BAKI	Biak	140.84	227	e/	PKIKP	10 51 30.0	+5.5	ZEA										
EDFI	Ende, Flores	141.46	201	e/	PKIKP	10 51 17.3	-5.8	ZEA										
BORK	Borovoye	142.22	381	e/	PKIKP	10 51 18.1	-5.5	ZEA										
BORK	Borovoye	142.22	381	e/	PKIKP	10 51 20.4	-2.7	ZEA										
LBF1	Labuhan Bajo	142.25	198	e/	PKIKP	10 51 22.8	-1.6	ZEA										
BVAR	Borovoye Array	142.26	38	e/	PKIKP	10 51 19.5		ZEA										
YAK	Yakutsk	143.06	344	e/	PKIKP	10 51 21.8	+0.7	ZEA										
YAK						10 51 25.2		ZEA										
YAK						10 54 32.0		ZEA										
YAK						11 13 10.6	-2.4	ZEA										
YAK	comp=Z,40nm,1.1s							ZEA										
YAK	comp=N,4.0nm,1.4s							ZEA										
YAK	comp=E,5.0nm,1.3s							ZEA										
YAK	comp=Z,180nm,3.0s							ZEA										
YAK	comp=N,58nm,3.2s							ZEA										
YAK	comp=E,186nm,0.6s	143.06	344	e/	PKIKP	10 51 22.7	+1.6	ZEA		</								

mb4.5/12, confirmed
ISC 01 10:53:11.6, 0.4, 62.27S, 0.06:58.00W, 0.09, h10km, m69,
c167/60, mb4.5/22, 5C, South Shetland Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Base Esperanza, Palmer Station, PMSA, etc.

Fault plane solution: Ms9.6100x10^16 NP1:
s=270.33000; 851.97000; -4.96000...
NEIC 01 10:56:19.6, 2.1, 62.41S, 58.21W, h10km
GCMT 01 10:56:22.0, 2.2, 62.33S, 0.01:58.09W, 0.13, h18km, 1km,
MW5.2/127, Moment Tensor Solution: s34, c42;

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Base Esperanza, Palmer Station, PMSA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PEL, ELIB, VA03, PSAL, LCO, etc.

NEIC 01 10:56:19.1, 1.7, 62.40S, 0.04:58.21W, 0.08, h10km, 2km,
s=mb5.3/55, Mw5.3/12, Error ellipse: s-maj=6.8km
s-min=5.9km az=321.0

NEIC 01 10:56:19.4, 6.2, 51S, 57.56W, h18km, Moment Tensor
Solution. Duration: 2s1. Moment tensor: Scale 10^16Nm;
Mrr-1.35; Mss0.80; Mss0.55; Mtr-0.78; Mtr-0.79; Mtr-5.72;

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PEL, ELIB, VA03, PSAL, LCO, etc.

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Table with columns: L16K RND, Ohwat River, 3.96 303, Pn, 11 29 45.0 -0.2, etc. Includes various station names like Kayak Island, Bremer River, Liditaro, Denali Highway, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes station names like Llanos de Chal, Mina Casimiro, Copiapo, Pan de Azucar, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes station names like TROLL Trol, Antarti, QSPA South Pole Qui, TX31 Lajitas Ar. Si, etc.

IDC 01 11:29:01.1±0.8,27.79S;71.61W,h0km,mb4.0/5, mbmp3.9/10,ML3.7/5, Error ellipse: s-maj=24.7km s-min=15.1km az=88.0 SJA 01 11:29:01.0±0.7,27.91S;71.64W,h10km,3km,ML4.3, MW4.0 NEIC 01 11:29:04.1±1.3,27.99S;0.02±71.42W,0.06,h20km,4km, mb4.4/5,ML3.9(GUC), Error ellipse: s-maj=7.8km s-min=3.4km az=91.0 GUC 01 11:29:04.3±0.7,28.02S;71.34W,h23km,4km,ML4.0

IDC 01 11:29:00.8±1.6,27.95S;0.03±71.59W,0.05,h2km,gkm, n8±4/19,mb4.3/5,2C-6D,Near coast of northern Chile Code Station Name Δ° AZ° Phase ID Time Res ISC

IDC 01 11:29:06.2,41.92N,22.77E,h23km,ML2.3 BEO 01 11:29:07.3±0.8,41.79N,22.72E,h21km,gkm,ML2.4/9 SOF 01 11:29:08.6,41.89N,0.01±22.89E,0.02,h12km,2km, MD2.5/6 ISC 01 11:29:07.3±1.0,41.81N,0.03±22.78E,0.04,h10km,gkm, n18±0.96/30,Northwestern Balkan Peninsula Code Station Name Δ° AZ° Phase ID Time Res ISC

IDC 01 11:30:51.8±1.2,27.64S;70.97W,h0km,mb4.0/4, mbmp4.0/6,ML4.0/2, Error ellipse: s-maj=36.2km s-min=18.6km az=63.0 NEIC 01 11:30:55.7±0.9,27.89S;0.03±71.11W,0.07,h35km,6km, mb4.6/3, Error ellipse: s-maj=8.9km s-min=3.6km az=84.0 ISC 01 11:30:54.9±0.6,27.82S;0.05±71.20W,0.07,h35km,n32, n2800/29,mb4.6/5,Az: Near coast of northern Chile Code Station Name Δ° AZ° Phase ID Time Res ISC

Table with columns: ID, Name, RA, Dec, Type, and other parameters. Includes entries like H1N3 WAKE ISLAND, H1N1 WAKE ISLAND, H1N2 WAKE ISLAND, etc.

ICD 01 11:52:49.1±0.5, 3°14N-95°85E, h0km, mb4.6/31, mblmp4.6/32, ML4.9/1, MS4.1/4, Er ellip: s-maj=16.9km, s-min=11.6km, az=71.0, BUJ 01 11:52:50.7, 3°12N-95°80E, h24km, mb5.2/10, mb4.9/50, MS4.7/14, MS7.4/4/15, NEIC 01 11:52:50.7±1.0, 3°04N-0°06:95:73E±0.07, h9km,4km, mb4.9/50, Error ellipse: s-maj=13.7km s-min=3.0km az=48.0, DJA 01 11:52:51.8±0.9, 3°N±2.9°6E±1, h11km,7km, M5.1/30, mb5.6/11, mb5.3/17, MLV5.1/30, Mw4.8/14, Mw(mb)5.1/11, GFZ 01 11:52:53.9±0.2, 3°10N-3°9'6E±1, h26km, M5.2/44, mb4.9/44, confirmed

ISC 01 11:52:53.7±0.7, 3°13N-0°04:95:88E±0.05, h31km,4km, m275, s1921/261, mb4.8/102, MS4.3/9,4D, Off west coast of Northern Sumatera

Main table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their recorded events.

Main table with columns: Name, RA, Dec, Type, and other parameters. Lists various seismic events and stations like KAPI Kappang, GYA Gulyang, H0S22 Diego Garcia H, etc.

Main table with columns: Name, RA, Dec, Type, and other parameters. Lists various seismic events and stations like AAK Ala-Archa, AAK Ala-Archa, EKS2 Erkin-Say, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like MDOK Medeo, KOTS Kotyrbulak, ARXS Arhary, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like MKAR Makanchi Array, AB31 Akbulak array, KURBB Kurchatov Arra, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like AC04 Llanos de Chal, AC06 Mina Casimiro, AC03 Copiapo, etc.

SJA 01 13:51:22.7 0.7 27.80S:71.77W, h7km, ML4.5, MW4.3
IDC 01 13:51:25.6 0.7 27.77S:71.39W, h0km, mb4.2/7,
mbtm4.0/12, ML4.0/5, MS3.6/15, Error ellipse:
s-maj=19.0km s-min=14.4km az=91.0
NEIC 01 13:51:26.0 1.2 27.82S:0.04:71.59W, h0.06, h10km, 1km,
mb4.5/7, MW4.3/28, ML3.9(GUC), Error ellipse:
s-maj=8.9km s-min=6.2km az=248.0, Moment Tensor
Solution. Moment tensor: Scale 10^19Nm; M1:1.77;
M2:0.73; M3:2.50; M4:0.78; M5:0.76; M6:-1.90; Fault
plane solution: M3: 12000x10^15 NP1: 166.80000°,
δ69.08000°, λ62.72000°. NP2: 42.09000°, δ33.88000°,
λ140.16000°. Principal axes: T: 2.9467, P: 0.70000°,
Az=40.0000°, N: 0.3222, P: 175.0000°, Az=177.0000°;
P: 3.2690, Az=120.000°. Az=27.0000°
NEIC 01 13:51:25.8 27.82S:71.60W, h10km
GUC 01 13:51:27.5 0.8 27.93S:71.38W, h27km, 3km, ML3.9
ISC 01 13:51:25.2 1.4 27.90S:0.02:71.50W, h0.04, h6km, 8km,
n107, t:189/122, mb4.5/9, MS3.7/12, 4C-1D, Near coast of
northern Chile

Table with columns: Code, Station Name, Azimuth, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MBWA, NWA0, CASY, QSPA, UGMA, PETK, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CO02, ACCO, TINOG, CO04, AACL, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like UMZA, WBK, JMDO, etc.

SJA 01 14:23:10.4±0.7, 27.785±0.1, h7km, 4km, ML4.1, MW3.7

OPC Station P 5.09 13 eP Pn 14 24 29.4 ±0.5

SJA 01 15:19:33.1±0.8, 21.415±0.7, h32km, 3km, ML3.4, MW3.6

IDC 01 14:23:13.1±1.1, 27.795±0.1, h0km, mb4.2/4, mbtmp4.0/6, ML3.7/2, MS3.0/2, Error ellipse: s-maj=36.4km

OPC Station P 5.09 13 eP Pn 14 24 28.1 ±1.8

GUC 01 15:19:35.7±0.8, 21.425±0.7, h37km, 3km, ML3.6, MW3.6

NEIC 01 14:23:13.9±1.1, 27.855±0.05, 71.5W±0.1, h17km, 10km, Mw3.9/29, ML3.8(GUC), Error ellipse: s-maj=18.1km

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±0.1

ISC 01 15:19:34.7±5.7, 21.415±0.03, h73km, 0.06, h37km, 6km, n27, ±295/51, 4C-4D, Near coast of northern Chile

OPC Station P 5.09 13 eP Pn 14 24 31.2 ±1.7

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 0.60 81 eP Pn 15 19 45.8 ±1.2

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 0.60 81 eP Pn 15 19 45.8 ±1.2

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 0.60 81 eP Pn 15 19 45.8 ±1.2

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 0.60 81 eP Pn 15 19 45.8 ±1.2

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 0.60 81 eP Pn 15 19 45.8 ±1.2

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 0.60 81 eP Pn 15 19 45.8 ±1.2

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 0.60 81 eP Pn 15 19 45.8 ±1.2

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 0.60 81 eP Pn 15 19 45.8 ±1.2

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 0.60 81 eP Pn 15 19 45.8 ±1.2

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 0.60 81 eP Pn 15 19 45.8 ±1.2

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 0.60 81 eP Pn 15 19 45.8 ±1.2

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 0.60 81 eP Pn 15 19 45.8 ±1.2

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 0.60 81 eP Pn 15 19 45.8 ±1.2

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 0.60 81 eP Pn 15 19 45.8 ±1.2

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 0.60 81 eP Pn 15 19 45.8 ±1.2

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 0.60 81 eP Pn 15 19 45.8 ±1.2

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 0.60 81 eP Pn 15 19 45.8 ±1.2

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 0.60 81 eP Pn 15 19 45.8 ±1.2

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 0.60 81 eP Pn 15 19 45.8 ±1.2

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 0.60 81 eP Pn 15 19 45.8 ±1.2

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 0.60 81 eP Pn 15 19 45.8 ±1.2

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 0.60 81 eP Pn 15 19 45.8 ±1.2

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 0.60 81 eP Pn 15 19 45.8 ±1.2

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 0.60 81 eP Pn 15 19 45.8 ±1.2

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 0.60 81 eP Pn 15 19 45.8 ±1.2

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 0.60 81 eP Pn 15 19 45.8 ±1.2

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 0.60 81 eP Pn 15 19 45.8 ±1.2

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 5.09 13 eP Pn 14 24 31.1 ±1.9

OPC Station P 0.60 81 eP Pn 15 19 45.8 ±1.2

STEL		eS	Sg	15 35 27.6 +1.0
LOF	Lofoten	Pb	Pn	15 35 13.1 +0.3
LOF		Sb	Pn	15 35 33.0 +0.8
LOF	Lofoten	eP	Pn	15 35 12.8 0.0
LOF		eS	Pn	15 35 32.9 +0.8
LOF		IAML		15 35 35.3
LOF	comp=Z,232nm,0.6s			
LOF	Lofoten	eP	Pn	15 35 12.8 0.0
LOF		eS	Pn	15 35 32.9 +0.8
LOF		IAML		15 35 35.3
JETT	Jettan, Norway	Pb	Pn	15 35 14.8 +0.5
JETT		Sb	Pn	15 35 36.6 +1.7
JETT	Jettan, Norway	Pb	Pn	15 35 14.8 +0.5
JETT		Sb	Pn	15 35 36.6 +1.7
JETT		IAML		15 35 38.1
JETT	comp=Z,106nm,0.4s			
JETT	Jettan, Norway	eP	Pn	15 35 14.8 +0.5
JETT		eS	Pn	15 35 36.6 +1.7
JETT		IAML		15 35 38.1
NIKU	Nikkaluokta	P	Pn	15 35 16.9 +1.1
NIKU		S	Pn	15 35 39.9 +1.6
NIKU	Nikkaluokta	P	Pn	15 35 16.9 +1.1
NIKU		S	Pn	15 35 39.9 +1.6
NIKU	Nikkaluokta	eP	Pn	15 35 16.9 +1.1
NIKU		eS	Pn	15 35 39.9 +1.6
FAUS	Fauske	Pb	Pn	15 35 19.7 +1.6
FAUS		Sb	Pn	15 35 46.5 +2.8
FAUS	Fauske	eP	Pn	15 35 19.6 +1.5
FAUS		eS	Pn	15 35 41.8 +0.2
FAUS		IAML		15 35 49.0
FAUS	comp=Z,52nm,0.4s			
FAUS	Fauske	eP	Pn	15 35 19.6 +1.5
FAUS		eS	Pn	15 35 41.8 +0.2
FAUS		IAML		15 35 49.0
RATU	Laukkuluspa	P	Pn	15 35 19.5 +1.4
RATU		P	Pn	15 35 19.5 +1.4
RATU	Laukkuluspa	P	Pn	15 35 19.5 +1.4
RATU		P	Pn	15 35 19.5 +1.4
KUA	Kurraavaara	P	Pn	15 35 20.8 +1.2
KUA		P	Pn	15 35 20.8 +1.2
KUA	Kurraavaara	P	Pn	15 35 20.8 +1.2
KUA		P	Pn	15 35 20.8 +1.2
SALU	Saltoluokta	P	Pn	15 35 21.9 +1.7
SALU		eP	Pn	15 35 21.8 +1.6
SALU		eS	Pn	15 35 45.4 -0.1
SALU		P	Pn	15 35 49.6
SALU	Saltoluokta	P	Pn	15 35 21.9 +1.7
SALU		P	Pn	15 35 21.9 +1.7
GILDE	Gildeskaal	eP	Pn	15 35 27.2 +1.5
GILDE		eS	Pn	15 36 00.4 +1.8
GILDE		IAML		15 36 04.5
LANU	Lannavaara	P	Pn	15 35 26.9 +1.0
LANU		P	Pn	15 35 26.7 +0.8
LANU	Lannavaara	P	Pn	15 35 26.9 +1.0
LANU		P	Pn	15 35 26.6 +0.6
KTK1	Kautokeino	eP	Pn	15 35 28.7 +0.9
KTK1		eS	Pn	15 36 09.2
KTK1		IAML		15 36 09.2
KTK1	comp=Z,28nm,0.4s			
KTK1	Kautokeino	eP	Pn	15 35 28.5 +0.7
VAGH	Vaagaholmen	eP	Pn	15 35 30.7 +0.7
VAGH		eS	Pn	15 36 18.0 +0.3
VAGH		IAML		15 36 18.0
VAGH	comp=Z,13nm,0.5s			
VAGH	Vaagaholmen	eP	Pn	15 35 30.2 +0.3
VAGH		IAML		15 36 18.0
MASU	Masugnsbyn	P	Pn	15 35 32.2 +1.5
MASU		P	Pn	15 35 32.2 +1.5
MASU	Masugnsbyn	P	Pn	15 35 32.2 +1.5
MASU		P	Pn	15 35 32.2 +1.5
HEF	Hetta	Pn	Pn	15 35 32.5 +0.9
HEF		Pn	Pn	15 35 32.5 +0.9
HEF	Hetta	eP	Pn	15 35 32.4 +0.7
HEF		eS	Pn	15 35 33.9 +1.5
RAUS	Rausandaksla	eP	Pn	15 35 33.9 +1.5
RAUS		eS	Pn	15 35 33.9 +1.5
HAMF	Hammerfest	eP	Pn	15 35 34.1 0.0
MOR8	Moi Rana	Pn	Pn	15 35 35.2 -0.3
MOR8		eS	Pn	15 36 08.3 -4.3
MOR8		IAML		15 36 28.4
MOR8	comp=Z,14nm,0.5s			
MOR8	Moi Rana	eP	Pn	15 35 35.1 -0.3
MOR8		eS	Pn	15 36 08.3 -4.3
MOR8		IAML		15 36 28.4
STOK	Stokkvaagen	Pn	Pn	15 35 36.5 +1.0
LEIR	Leirfjorden	Pn	Pn	15 35 39.6 +1.4
LEIR		Pn	Pn	15 35 39.9 +0.7
LEIR	Leirfjorden	Pn	Pn	15 35 39.9 +0.7
LEIR		Pn	Pn	15 35 39.9 +0.7
ARAO	ARCESS Array S	Pn	Pn	15 35 39.3 +0.6
ARAO		IAML		15 36 35.8
ARAO	comp=Z,11nm,0.6s			
ARAO	ARCESS Array S	eP	Pn	15 35 39.3 +0.6
ARAO		IAML		15 36 35.8
ARCES	ARCESS Array B	Pn	Pn	15 35 38.8 +0.1
ARCES		Lg	Lg	15 36 26.7
ARCES	comp=Z,2.0nm,0.3s,baz=265,slow=29,SNR=8.6			
ARCES	comp=Z,2.5nm,0.3s			
AMCS	AML	AML	AML	
ERTU	Ertsaerv	P	Pn	15 35 41.6 +1.1
ERTU		P	Pn	15 35 41.6 +1.1
ERTU	Ertsaerv	eP	Pn	15 35 41.6 +1.1
ERTU		eS	Pn	15 35 41.6 +1.1
KLF	Kolar	Pn	Pn	15 35 41.0 +0.6
KEV	Kevo	Pn	Pn	15 35 46.1 +0.1
KEV		Pn	Pn	15 35 46.1 +0.1
KEV	Kevo	eP	Pn	15 35 46.1 +0.1
KEV		eS	Pn	15 35 46.1 +0.1
LILU	Lilltraesk	P	Pn	15 35 51.3 +1.5
LILU		P	Pn	15 35 51.3 +1.5
LILU	Lilltraesk	P	Pn	15 35 51.3 +1.5
LILU		P	Pn	15 35 51.3 +1.5
VADS	Vadso	Pn	Pn	15 35 58.2 +0.6
VADS		Pn	Pn	15 35 57.6 0.0
VADS	Vadso	eP	Pn	15 35 57.6 0.0
VADS		eS	Pn	15 36 03.2 +2.3
NAMS	Namsos	eP	Pn	15 36 03.2 +2.3
NAMS		eS	Pn	15 36 03.2 +2.3
APA0	Apattity Array	Pn	Pn	15 36 20.1 -0.7
APA0		eP	Pn	15 36 20.1 -0.7
APA0	Apattity Array	eP	Pn	15 36 20.1 -0.7
APA0		eS	Pn	15 36 47.1 -1.6
NOA	NORESS Array S	AML	AML	
NRA0	NORESS Array S	Pn	Pn	15 36 54.1 +1.8
NRA0		Pn	Pn	15 36 54.1 +1.8
NRA0	NORESS Array S	Pn	Pn	15 36 54.1 +1.8
NRA0		Pn	Pn	15 36 54.1 +1.8
FIA0	FINESS Array S	Pn	Pn	15 36 53.5 +0.3
FIA0		Pn	Pn	15 36 53.5 +0.3
FIA0	FINESS Array S	Pn	Pn	15 36 53.5 +0.3
FIA0		Pn	Pn	15 36 51.9 -1.3
FINES	comp=Z,0.5nm,0.3s,baz=336,slow=14,SNR=17			
FINES	FINESS Array B	Pn	Pn	15 38 25.0 -7.3
FINES		Lg	Lg	15 39 09.5
FINES	comp=Z,0.2nm,0.3s,baz=336,slow=20,SNR=1.5			
FINES	comp=Z,0.2nm,0.3s,baz=341,slow=25,SNR=2.5			
FINES	comp=Z,0.9nm,0.3s			
FINES	AML	AML	AML	
SPA0	Spitsbergen Ar	Pn	Pn	15 36 58.8 +0.9
SPA0		Pn	Pn	15 36 58.8 +0.9
SPA0	Spitsbergen Ar	Pn	Pn	15 36 58.8 +0.9
SPA0		Pn	Pn	15 36 57.7 -0.3
HFS	Hagfors	Pn	Pn	15 36 58.8 -1.5
HFS		Sn	Sn	15 38 31.8 -1.0
HFS	comp=Z,0.3nm,0.3s,baz=6.8,slow=14,SNR=6.9			
HFS	comp=Z,0.2nm,0.3s,baz=5.7,slow=16,SNR=1.3			
HFS	Lg	Lg	Lg	15 39 22.3
HFS	comp=Z,0.3nm,0.3s,baz=4.4,slow=21,SNR=1.8			
HFS	comp=Z,2.5nm,0.7s			
HFS	AML	AML	AML	
HFS	Hagfors	Pn	Pn	15 36 58.7 +0.4
HFS		Pn	Pn	15 36 58.7 +0.4

HFS	Hagfors	9.11 188 eP	Pn	15 36 58.7 +0.4
AKASG	Malin Array Be	19.52 155 P	Pn	15 39 11.7 -2.6
	comp=Z,0.4nm,0.3s,baz=345,slow=11,SNR=2.6			
AKASG		AML	AML	
GERES	GERESS Array B	20.40 185 P	Pn	15 39 21.5 -2.5
	comp=Z,0.3nm,0.5s,baz=7.6,slow=8.2,SNR=1.2			
	comp=Z,0.3nm,0.5s			
<p> <i>IDC 01 15:50:19.6:1.4,53:48N:108:20E,h0km,mb3.4/3,mbmp3.4/9,ML3.2/5, Error ellipse: s-maj=16.7km s-min=13.5km az=169.0</i> <i>MOS 01 15:50:19.2:1.1,53:55N:108:21E,h9km,mb3.6/1, Error ellipse: s-maj=15.2km s-min=9.6km az=59.2</i> <i>BYKL 01 15:50:20.5:0.1,53:56N:108:14E,h8km,2km</i> <i>ISC 01 15:50:19.2:1.1,53:56N:108:20E,h2km,8km,n51,0:182/116,mb3.4/3,6C-3D,Lake Baykal region</i> </p>				
Code	Station Name	Δ° AZ°	Phase ID	Time Res
Code	Station Name	Δ° AZ°	Phase ID	Time Res
OGRR	Ongureny	0.39 283	IPG	Pg
OGRR		e	Pg	15 50 27.6 +0.9
OGRR		Pmax	Sg	15 50 32.4 +0.6
OGRR	1μm,0.2s			
OGRR		Smax		
OGRR	1μm,0.1s			
OGRR	Ongureny	0.39 283	IPG	Pg
OGRR		e	Pg	15 50 27.6 +0.9
OGRR		Pmax	Pmax	15 50 32.4
OGRR	comp=Z,1μm,0.5s			
OGRR		Smax	Smax	
OGRR	comp=E,4μm,0.2s			
MXMB	Maximikha	0.42 134	IPG	Pb
MXMB		eSg	Pb	15 50 29.4 -0.1
MXMB		eSb	Pb	15 50 35.7 -0.6
MXMB		eS	Pb	15 50 40.7 +0.9
MXMB		eS	Pb	15 50 31.3 -0.7
GORB	Goryachinsk	0.57 177	IPG	Pb
GORB		eSg	Pb	15 50 38.9 -1.7
GORB		eS	Pb	15 50 35.1 +0.5
GORB		eS	Pb	15 50 45.6 +0.7
KELR	Kotokel	0.80 187	eP	Pg
KELR		eSg	Pg	15 50 49.9 -0.3
KELR		eS	Pg	15 50 40.7 -0.4
KELR	Suvo	1.06 84	eP	Pn
KELR		eSg	Pn	15 50 55.7 -0.7
KELR		Pmax		
SYVR	comp=E,99nm,0.3s			
SYVR		Smax		
SYVR	comp=E,708nm,0.4s			
SYVR	Suvo	1.06 84	eP	Pn
SYVR		e	Pn	15 50 40.7 -0.4
SYVR		Pmax	Pmax	15 50 55.7
SYVR	comp=Z,107nm,0.3s			
SYVR		Smax	Smax	
SYVR	comp=E,744nm,0.4s			
ZRHB	Zarechye	1.20 214	IPG	Pg
ZRHB		eSg	Pg	15 50 41.0 -1.1
ZRHB		eS	Pg	15 50 57.0 -0.6
ZRHB		eSb	Pg	15 50 58.9 -1.0
ZRHB		Pmax		
ZRHB	comp=E,251nm,0.4s			
ZRHB		max		
ZRHB	comp=E,2μm,0.5s			
TRG	Tyrgan	1.39 236	eP	Pn
TRG		eSg	Pn	15 50 45.1 -0.6
TRG		Pmax	Sb	15 51 02.3 -1.8
TRG	comp=E,169nm,0.2s			
TRG		Smax		
TRG	comp=E,1μm,0.2s			
TRG	Tyrgan	1.39 236	IPG	Pn
TRG		e	Pn	15 50 44.3 -1.4
TRG		Pmax	Pmax	15 51 02.8
TRG	comp=Z,206nm,0.2s			
TRG		Smax	Smax	
UUBD	Ulan-Yde	1.73 192	ePn	Pb
UUBD		eP	Pb	15 50 50.7 -1.0
UUBD		eP	Pb	15 50 51.4 -0.9
UUBD		eSg	Pb	15 51 13.9 -0.7
UUBD		Pmax		
UUBD	comp=N,155nm,0.4s			
UUBD		Smax		
FFNB	Fofonovo	1.76 211	ePn	Pn
FFNB		eP	Pn	15 50 50.7 0.0
FFNB		eP	Pn	15 50 51.8 -0.4
FFNB		eSg	Pn	15 51 13.8 -0.9
FFNB		eS	Pn	15 51 19.0
FFNB		eS	Pn	15 50 52.2 -0.5
KAB	Kabansk	1.79 213	eP	Pb
KAB		eSg	Pb	15 50 57.1
KAB		eS	Pb	15 51 15.8 -0.8
KAB		e	Pb	15 51 17.3
KAB	comp=N,183nm,0.5s			
KAB		max		
KAB	comp=N,990nm,0.7s			
KAB	Kabansk	1.79 213	ePn	Pb
KAB		e	Pb	15 50 52.6 -0.1
KAB		Pmax	Pmax	15 51 15.9
KAB	comp=Z,179nm,0.3s			
KAB		Smax	Smax	
STDB	Stepnoy Dvart	1.79 220	IPn	Pb
STDB		eP	Pb	15 50 51.8 -1.0
STDB		eP	Pb	15 50 52.5 -1.0
STDB		eSg	Pb	15 51 15.7 -1.1
STDB		eSg	Pb	15 50 55.7 +0.5
HRMR	Khuramsha	2.08 203	IPn	Pn
HRMR		eP	Pn	15 50 57.7 -0.1
HRMR		eS	Pn	15 51 21.7 -0.1
HRMR		eSg	Pn	15 51 25.0 -1.1
HRMR		Pmax		
HRMR	comp=E,175nm,0.2s			
HRMR		Smax		
YLYR	Ulyunkhan	2.17 51	IPn	Pb
YLYR		eP	Pb	15 50 58.0 -1.3
YLYR		eP	Pb	15 51 00.2 -0.5
YLYR		eS	Pb	15 51 25.9 -0.7
YLYR		eSg	Pb	15 51 29.5 +0.8
YLYR		Pmax		
YLYR	comp=E,50nm,0.3s			

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mina Casimiro, Las Campanas, El Transito, etc.

Table with columns: BGT, YLYR, NIZB, LSTR, IRK, KMO, KYO, YAOB, CIT, UKT, ZAK, KPC, MOY, MOY, ORL, NLYR, BOD, SONM, SONM, SONM, SONM, HILR, ZALV, ZALV. Includes stations like Ulyunkhan, Nizh Angarsk, Listvyanka, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Keravat, Rabaul, Port Moresby, Warramunga, etc.

MOS 01 16:30:03.8:1.2,53:52N:108:28E, h0km, mb3.7/1, Error ellipse: s-maj=18.2km s-min=10.6km az=69.5

BYKL 01 16:30:04.5:0.1,53:56N:108:13E, h10km,2km IDC 01 16:30:05.0:2.5,53:37N:108:40E, h0km, mbmtop3.2/3, ML3.1/3, Error ellipse: s-maj=23.7km s-min=20.5km az=70.0

ISC 01 16:30:04.3:1.0,53:55N:108:11E, h2km,8km, n40, c2511/97,5C-1D, Lake Baykal region

IDC 01 16:38:48.2:0.7,31:57N:93:39E, h0km, mb3.8/14, mbtm3.7/18, ML3.6/3, MS2.4/4, Error ellipse: s-maj=32.4km s-min=13.4km az=57.0

NEIC 01 16:38:50.6:1.0,31:68N:09:93.4E:0:1, h10km,1km, mb4.4/21, Error ellipse: s-maj=17.1km s-min=15.0km az=85.0

NDI 01 16:38:51.1:1.3,31:75N:93:42E, h10km, ML4.3, MW4.2, mb4.4(NEIC), Presumed earthquake

ISC 01 16:38:50.1:0.5,31:65N:05:93.37E:0:09, h10km, n52, c1518/55, mb3.9/20, MS3.5/3, Xizang

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ongureny, Goryachinsk, Kotokel, Suvo, Tyrgan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Lhasa, ZIRO, Tawang, etc.

IDC 01 16:36:09.9:1.1,6:67S:153:56E, h0km, mb3.8/10, mbtm3.8/12, ML2.0/1, MS3.0/1, Error ellipse: s-maj=23.5km s-min=15.8km az=114.0

NEIC 01 16:36:12.5:1.2,6:56S:0:04:153.4E:0:1, h10km,1km, mb4.2/12, Error ellipse: s-maj=19.3km s-min=5.9km az=84.0

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KURK, ZAAO, ZALV, BVAR, etc.

UPP 01 17:00:49.6:0.1, 6.7:05N:20:93E, h0km, ML2.0, Suspected explosion

ICD 01 17:00:51.3: 1.8, 67:17N:21:29E, h0km, mbtmp:2.8/3, ML2.0/3, Error ellipse: s-maj=25.6km s-min=11.5km

ISC 01 17:00:49.4:0.9, 67.05N:0104:20:90E:0.03, h0km, n23, c=150/27, Sweden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MASU, ERTU, PAJU, etc.

BEO 01 17:12:31.6:0.7, 43:65N:25:64E, h1km, 9km, ML3.4/8, S0F 01 17:12:32.7, 43:66N:01:25:76E, h13km, 1km, MD3.5/12

CFUSG 01 17:12:33.4, 43:60N:25:80E, h10km, Mb2.2/1, MD2.7/1, MSH2.7/3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZIMR, SZH, RAZG, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CIGN, CIGN, SULR, etc.

SJA 01 17:13:17.9:0.7, 27:81S:71:76W, h14km, ML5.2, MW5.0

ICD 01 17:13:20.6:0.4, 27:81S:71:16W, h0km, mb4.7/20, mbtmp:4.6/26, ML4.2/6, MS4.2/39, Error ellipse: s-maj=1.9km s-min=0.7km

BUI 01 17:13:20.3:28:13S:71:41W, h10km, mB5.1/2, Ms5.2/1, Ms7.5/2/3

VAO 01 17:13:21.9:0.3, 27:80S:71:27W, h10km, mb5.0, Presumed earthquake

GFZ 01 17:13:21.9:0.2, 28:52S:71:27W, h10km, M5.0/25, mb5.2/29, mB5.2/29

NEIC 01 17:13:21.4:27:88S:71:51W, h12km, GFZ 01 17:13:22.2, 27:83S:71:41W, h35km, Mw5.0/38, Moment Tensor Solution.

GFZ 01 17:13:22.2, 27:83S:71:41W, h35km, Mw5.0/38, Moment Tensor Solution. Moment tensor: Scale 10^16 Nm; Mn:2.75; M0:0.53; M1:0.27; M2:1.05; M3:0.94; M4:0.233; Principal axes: T 4.0303, P1:61.3950, Azm:42.8516; N 0.1087, P2:1.8463, Azm:180.1731; P -4.1390, P1:71.5322, Azm:277.4494; GUC 01 17:13:22.0:0.8, 27:86S:71:34W, h31km, 3km, ML4.8

NEIC 01 17:13:22.2, 18:27N:00:05E, h139km, 0.06, h16km, 9km, mb5.2/270, Mw4.8/42, Mw5.0/10, Mw4.9(GUC). Error ellipse: s-maj=7.4km s-min=0.9km

az=90.0, Moment Tensor Solution. Moment tensor: Scale 10^16 Nm; Mn:1.65; M0:0.27; M1:0.92; M2:0.69; M3:0.15; M4:0.14; Fault plane solution: Mb:2.25000x10^16 NP1: 0.24, 40.0000, 83.200000, 126.050000. NP2: 0.163, 51.0000, 84.030000, 169.230000. Principal axes: T 2.2369, P1:65.0000, Azm:38.0000; N 0.0219, P1:9.0000, Azm:173.0000; P -2.2588, P1:71.0000, Azm:269.0000

GCMT 01 17:13:22.0:0.3, 27:84S:02:71:61W, 0.02, h29km, 1km, Mw5.196, Moment Tensor Solution. s54:064, s96:1219; DMS: 0. Moment tensor: Scale 10^16 Nm; Mn:4.08; M1:0.02; M2:11; M3:0.45; M4:1.1; M5:0.78; M6:0.02; M7:0.39; M8:0.2; M9:0.3; M10:0.2; Best double couple: Ms:7.28000x10^16 NP1:0.7, 0.0000, 82.300000, 104.000000. NP2: 0.172, 0.0000, 86.700000, 84.000000. Principal axes: T 5.7780, P1:67.0000, Azm:72.0000; N -0.0950, P1:5.0000, Azm:174.0000; P -5.6770, P1:22.0000, Azm:267.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular

moment-rate function

ISC 01 17:13:21.2:0.7, 27:78S:0102:71:41W:0.03, h11km, 3km, n505, c180/42, mb5.2/165, MS4.4/39, 13C-SD, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AC04, AC04, AC04, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like G003, G003, G003, etc.

URZ	Urewera	15.14 189	P	P	17 28 39.5	-3.4	MLZ	Mavora Lakes	24.11 201	P	P	17 30 04.2	-1.0	AS01	Alice Springs	42.27 260	P	P	17 32 38.1	+1.1
URZ	Urewera	15.14 189	P	S	17 31 14.6	-5.6	MLZ	Mavora Lakes	24.11 201	P	P	17 30 04.9	-0.4	AS09	Alice Springs	42.28 260	P	P	17 32 38.4	-0.2
URZ	Urewera	15.14 189	P	P	17 28 42.5	-0.4	TUZ	Tauapeka	24.17 198	P	P	17 30 05.5	-0.2	AS04	Alice Springs	42.29 260	P	P	17 32 38.4	-0.3
URZ	Urewera	15.14 189	P	P	17 28 39.3	-3.6	GC1S	Gold Coast 1 S	24.50 253	P	P	17 30 10.1	+1.2	AS15	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
URZ	Urewera	15.14 189	P	P	17 28 41.9	-1.1	DCZ	Deep Cove	24.53 202	P	P	17 30 08.4	-0.5	AS31	Alice Springs	42.31 260	P	P	17 32 38.7	-0.2
NGRZ	Ngongotaha	15.15 192	P	P	17 28 43.6	+0.5	DCZ	Deep Cove	24.53 202	P	P	17 30 08.2	-0.7	AS31	Alice Springs	42.31 260	P	P	17 32 38.4	-0.4
MWZ	Matawai	15.15 198	P	P	17 28 44.8	+0.9	WHZ	Wether Hill Rd	24.63 201	P	P	17 30 08.8	-1.0	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
TARZ	Tongariwa	15.22 191	P	P	17 28 45.3	+0.4	WHZ	Wether Hill Rd	24.63 201	P	P	17 30 09.1	-0.7	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
TKGZ	Tararua	15.22 187	P	P	17 28 45.3	+0.4	AUBSH	Aurora	24.91 256	S	S	17 30 13.3	+0.7	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
RRRZ	Repulse	15.23 191	P	P	17 28 45.3	+0.4	AUBSH	Aurora	24.91 256	S	S	17 30 13.3	+0.7	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
HRGZ	Haruru	15.33 188	P	P	17 28 45.3	+0.4	APZ	Araro	25.45 200	P	P	17 30 16.6	-0.5	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
RRRZ	Repulse	15.33 191	P	P	17 28 45.3	+0.4	TWH	Tongariwa	25.85 255	P	P	17 30 17.4	+0.5	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
RAGZ	Rangiorua	15.33 188	P	P	17 28 45.3	+0.4	AUTO	Autopops	25.85 255	P	P	17 30 21.5	+0.8	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
HRGZ	Haruru	15.33 188	P	P	17 28 45.3	+0.4	ARMA	Armidale	26.41 248	P	P	17 30 26.8	+0.8	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
MUHZ	Murupara	15.50 193	P	P	17 28 45.3	+0.4	ARMA	Armidale	26.41 248	P	P	17 30 26.8	+0.8	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
RIGZ	Rimu	15.50 187	P	P	17 28 45.3	+0.4	ARMA	Armidale	26.41 248	P	P	17 30 26.8	+0.8	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
TLZ	Tolles Road	15.50 194	P	P	17 28 45.3	+0.4	ARMA	Armidale	26.41 248	P	P	17 30 26.8	+0.8	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
RTZ	Ruatanihua	15.51 189	P	P	17 28 45.3	+0.4	ARMA	Armidale	26.41 248	P	P	17 30 26.8	+0.8	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
RTZ	Ruatanihua	15.51 189	P	P	17 28 45.3	+0.4	ARMA	Armidale	26.41 248	P	P	17 30 26.8	+0.8	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
KUTZ	Kaahu Road	15.60 193	P	P	17 28 48.6	+1.0	ARMA	Armidale	26.41 248	P	P	17 30 26.8	+0.8	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
PRGZ	Paritutu	15.70 187	P	P	17 28 49.4	+0.7	EIDS	Eidsvold	26.59 260	P	P	17 30 27.7	+0.4	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
WHTZ	Whakaora	15.74 192	P	P	17 28 49.4	+0.7	EIDS	Eidsvold	26.59 260	P	P	17 30 27.7	+0.4	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
MTHZ	Maungataniwha	15.77 190	P	P	17 28 46.3	-3.1	EIDS	Eidsvold	26.59 260	P	P	17 30 27.7	+0.4	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
RAHZ	Arahi	15.79 189	P	P	17 28 46.7	-2.9	EIDS	Eidsvold	26.59 260	P	P	17 30 27.7	+0.4	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
MRHZ	Matea Rd	15.82 191	P	P	17 28 47.5	-2.4	EIDS	Eidsvold	26.59 260	P	P	17 30 27.7	+0.4	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
KNZ	Kokoihi	15.97 193	P	P	17 28 47.5	-2.4	EIDS	Eidsvold	26.59 260	P	P	17 30 27.7	+0.4	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
WATZ	Wairara	15.82 193	P	P	17 28 50.1	+0.1	EIDS	Eidsvold	26.59 260	P	P	17 30 27.7	+0.4	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
HIZ	Hauti	15.84 196	P	P	17 28 51.6	+1.5	EIDS	Eidsvold	26.59 260	P	P	17 30 27.7	+0.4	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
HIZ	Hauti	15.84 196	P	P	17 28 51.6	+1.5	EIDS	Eidsvold	26.59 260	P	P	17 30 27.7	+0.4	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
MHZ	Mahia Peninsula	15.84 196	P	P	17 28 51.6	+1.5	EIDS	Eidsvold	26.59 260	P	P	17 30 27.7	+0.4	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
RAHZ	Rangitukia	15.92 187	P	P	17 28 49.2	-1.7	AUPHS	Peel High Scho	27.14 247	P	P	17 30 33.2	+1.0	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
RAHZ	Rangitukia	15.92 187	P	P	17 28 49.2	-1.7	AUPHS	Peel High Scho	27.14 247	P	P	17 30 33.2	+1.0	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
NMHZ	Naumai	16.01 190	P	P	17 28 51.1	-1.7	MCGCD	Mangrove Creek	27.38 242	P	P	17 30 34.9	+0.6	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
RITZ	Rihia Road	16.06 192	P	P	17 28 51.1	-1.7	MCGCD	Mangrove Creek	27.38 242	P	P	17 30 34.9	+0.6	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
KATZ	Kakarama	16.09 193	P	P	17 28 53.3	-0.8	MCGCD	Mangrove Creek	27.38 242	P	P	17 30 34.9	+0.6	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
BKZ	Black Stump Fm	16.13 190	P	P	17 28 53.3	-0.8	MCGCD	Mangrove Creek	27.38 242	P	P	17 30 34.9	+0.6	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
BKZ	Black Stump Fm	16.13 190	P	P	17 28 53.3	-0.8	MCGCD	Mangrove Creek	27.38 242	P	P	17 30 34.9	+0.6	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
ARHZ	Arapohia	16.16 191	P	P	17 28 53.3	-0.8	MCGCD	Mangrove Creek	27.38 242	P	P	17 30 34.9	+0.6	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
TMVZ	Te Maari	16.22 193	P	P	17 28 53.3	-0.8	MCGCD	Mangrove Creek	27.38 242	P	P	17 30 34.9	+0.6	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
TWVZ	Taurewa	16.24 193	P	P	17 28 53.3	-0.8	MCGCD	Mangrove Creek	27.38 242	P	P	17 30 34.9	+0.6	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
ETVZ	East Tongariro	16.24 193	P	P	17 28 53.3	-0.8	MCGCD	Mangrove Creek	27.38 242	P	P	17 30 34.9	+0.6	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
WTVZ	West Tongariro	16.25 193	P	P	17 28 53.3	-0.8	MCGCD	Mangrove Creek	27.38 242	P	P	17 30 34.9	+0.6	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
WTVZ	Wairarapa	16.30 193	P	P	17 28 53.3	-0.8	MCGCD	Mangrove Creek	27.38 242	P	P	17 30 34.9	+0.6	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
NGVZ	Ngauruhoe	16.30 193	P	P	17 28 53.3	-0.8	MCGCD	Mangrove Creek	27.38 242	P	P	17 30 34.9	+0.6	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
SNVZ	South Ngauruhoe	16.30 193	P	P	17 28 53.3	-0.8	MCGCD	Mangrove Creek	27.38 242	P	P	17 30 34.9	+0.6	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
COVZ	Chateau Observ	16.34 193	P	P	17 28 54.0	-1.1	MCGCD	Mangrove Creek	27.38 242	P	P	17 30 34.9	+0.6	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
MCHZ	McNeill Hill	16.37 190	P	P	17 28 54.0	-1.1	MCGCD	Mangrove Creek	27.38 242	P	P	17 30 34.9	+0.6	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
TUVZ	Tukino	16.38 193	P	P	17 28 54.0	-1.1	MCGCD	Mangrove Creek	27.38 242	P	P	17 30 34.9	+0.6	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
FWVZ	Far West T-bar	16.39 190	P	P	17 28 54.0	-1.1	MCGCD	Mangrove Creek	27.38 242	P	P	17 30 34.9	+0.6	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
KWVZ	Kaweka Forest	16.39 190	P	P	17 28 54.0	-1.1	MCGCD	Mangrove Creek	27.38 242	P	P	17 30 34.9	+0.6	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
MAVZ	Matarangi	16.40 193	P	P	17 28 54.0	-1.1	MCGCD	Mangrove Creek	27.38 242	P	P	17 30 34.9	+0.6	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
WHVZ	Whangaehu Hut	16.41 193	P	P	17 28 54.0	-1.1	MCGCD	Mangrove Creek	27.38 242	P	P	17 30 34.9	+0.6	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
VRZ	Veru Road	16.44 195	P	P	17 28 54.0	-1.1	MCGCD	Mangrove Creek	27.38 242	P	P	17 30 34.9	+0.6	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
WHVZ	Whangaehu Hut	16.44 193	P	P	17 28 54.0	-1.1	MCGCD	Mangrove Creek	27.38 242	P	P	17 30 34.9	+0.6	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
PKVZ	Pokaka	16.47 193	P	P	17 28 54.0	-1.1	MCGCD	Mangrove Creek	27.38 242	P	P	17 30 34.9	+0.6	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
MOVZ	Moawhango	16.50 192	P	P	17 28 54.0	-1.1	MCGCD	Mangrove Creek	27.38 242	P	P	17 30 34.9	+0.6	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
BHVZ	Black Hill Sta	16.52 191	P	P	17 28 54.0	-1.1	MCGCD	Mangrove Creek	27.38 242	P	P	17 30 34.9	+0.6	ASAR	Alice Springs	42.31 260	P	P	17 32 38.8	-0.1
CKVZ	Cape Kidnapper	16.52 188	P	P	17 28 54.0	-1.1														

1d 17h

2020 SEP

Table with columns: Call Sign, Name, Comp, Az, El, P, R, S, SNR, etc. Includes entries like GIRL Giralda, CASY Casey, DBNI Kabupaten Domp, etc.

Table with columns: Call Sign, Name, Comp, Az, El, P, R, S, SNR, etc. Includes entries like ISA Isabella, O02D Mt. Diablo Mer, BORO Bok Ofris Spring, etc.

Table with columns: Call Sign, Name, Comp, Az, El, P, R, S, SNR, etc. Includes entries like L19K White Mountain, PGC Sidney, PKCU Pink Ofris Spring, etc.

comp=Z,1.6nm,1.2s
AKASG Malin Array Be 84.26 337 P
comp=Z,0.3nm,0.4s,baz=149,slow=3.9,SNR=1.7

IDC 01 18:49:19.3+1.0,16.20N:120.41E,h0km,mb3.5/8,
mbtmp3.5/8,Error ellipse: s-maj=4.7km s-min=17.1km
az=66.0

MAN 01 18:49:23.0,16.16N:119.49E,h1km,MS4.6

ISC 01 18:49:22.4+0.8,16.16N:119.56E,0.008,h10km,n15,
c34620,mb3.6/8,Luzon

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Rows include SIPP, PCPS, TG, LQP, PACPP, GQP, CMAR, KSRS, SONM, WRA, ASAR, MKAR, ZALV, KURBB, BVAR, etc.

SJA 01 18:58:34.6+0.9,27.67S:71.59W,h18km,4km,ML3.7,
MW3.9

IDC 01 18:58:34.9+1.3,27.46S:71.35W,h0km,mb3.8/3,
mbtmp3.7/6,ML3.3/3,MS3.3/4,Error ellipse: s-maj=40.7km
s-min=15.8km az=82.0

GUC 01 18:58:38.4+0.8,27.68S:71.40W,h29km,4km,ML3.4

ISC 01 18:58:34.4+1.6,27.59S:0.03:71.52W,0.06,h7km,9km,
n37,c218/55,Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Rows include AC04, AC06, GO03, LCO, AC01, AC02, AC05, RTLL, RTLS, ZON, AVFE, AUSP, CYA, PEL, ARCO, AHML, AAGR, ACAN, DFRA, CBRH, CASM, CAEH, CTEI, CSGS, CMHJ, MAHO, ETOS, ETOS, ETOS, EIBI, EIBI, EIBI, EIBI, EIVV, EMOS, EMOS, EMOS.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Rows include BDFB, SNA, GSPA, VNDA, TORO, KURBB, ZALV, MKAL.

SJA 01 19:20:26.0,1.0,27.81S:71.68W,h46km,ML3.5,MW3.3

GUC 01 19:20:28.2+0.8,27.95S:71.26W,h24km,4km,ML3.5

ISC 01 19:20:25.7+1.6,27.86S:0.04:71.54W,0.008,h10km,n28,
c221/39,Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Rows include AC04, AC06, GO03, LCO, AC05, AC01, AC02, GO04, CO01, AROD, VCA, AC04, AC06, GO03, TINO, AACL, RTLL, RTLS, ZON, AVFE, AUSP, CYA, PEL, ARCO, AHML, AAGR, ACAN, CRAAG, MDD, ISC, Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC.

IDC 01 19:23:58.4+7.1,18.97S:176.40W,h0km,mb3.9/2,
mbtmp3.9/2,Error ellipse: s-maj=300.0km
s-min=112.7km az=153.0,Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Rows include WRA, ASAR, AKASG.

BUT 01 20:02:10.5,1.6,44.47N:0.02:115.21W,0.02,h7km,5km,
Error ellipse: s-maj=2.6km s-min=2.0km az=199.0,
NEIC 01 20:02:10.0+0.7,44.48N:0.02:115.20W,0.03,h13km,gkm,
ML3.2/14,ML3.7/28(BUT),Error ellipse: s-maj=3.2km
s-min=2.3km az=99.0,Western Idaho

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Rows include PLID, MFID, BMO, ICI, MCMT, DLMT, F10A, VCMT, BPMT, BUT, MISO, LNOR, J08A, J08A, J08A, QLMT, E02Z, G08A, G08A, YHB, YHL, E09A, E09A, YMR, YPT, YPT, YHH, FXWY, YFT, YFT, YFT, LYMT, YHM, HVU, WVOR, YNR, YNR, JMTT, SNOW, SNOW, E08A, E08A, E08A, AHID, AHID, HAWA, F07A, F07A, F07A, D08A, D08A, ELK, YNE, SPUT, SPUT, E07A, E07A, BGO, HWUT, G06A, G06A, C09A, LDM, NEW, MXC, MXC, PINE, PINE, PINE.

1d 20h

Table with columns: EPH, comp, N, 18nm, 1.4s, IAML, Pn, 20 03 13.1 -0.8, etc.

IDC 01 20:11:55.4+1.0, 27.84S:71.23W, h0km, mb4.1/4, mbmp3.0/8, ML4.0/4, MS2.8/4, Error ellipse: s-maj=28.2km s-min=15.1km az=82.0

SJA 01 20:11:55.0+1.0, 27.87S:71.40W, h15km, 3km, ML4.1, MW3.9

GUC 01 20:11:59.3+0.6, 27.97S:71.22W, h38km, 2km, ML4.0

ISC 01 20:11:55.5+1.9, 27.94S:0103.7127W, h4km, 12km, n52, r187/66, mb4.2/3, 4C-3D, Near coast of northern Chile

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

2020 SEP

Table with columns: CPUP, LR, 20 20 07.7, comp=Z, 74nm, 18.6s, baz=258, slow=40, etc.

IDC 01 20:19:26.9-1.1, 5.60N:127.55E, h0km, mb3.7/8, mbmp3.7/9, ML4.4/1, MS2.9/1, Error ellipse: s-maj=52.7km s-min=15.7km az=56.0

MAN 01 20:19:31.0, 5.00N:126.96E, h33km, MS3.9

ISC 01 20:19:35.4+2.3, 5.2N-0.1, 126.8E-0.1, h52km, 20km, n18, r151/25, mb3.8/8, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

IDC 01 20:28:24.3+1.2, 47.64N:25.18E, h0km, mb3.5/1, mbmp3.2/5, ML2.7/4, Error ellipse: s-maj=15.8km s-min=11.0km az=11.0

SIGU 01 20:28:26.8+0.2, 47.1N:1.2'E, h5km, mb2.4/9, MD2.8/16

BUC 01 20:28:26.8+0.2, 47.57N:25.25E, h2km, 1km, ml2.8/36, Error ellipse: s-maj=2.0km s-min=1.4km az=3.0

ISC 01 20:28:27.0+0.9, 47.57N:02.2526E, h0.02, h7km, 6gkm, n63, r106/93, 23C-34D, Romania

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

Main table with columns: BMR, AML, AML, 20 20 07.7, comp=Z, 0.6nm, 0.3s, etc.

IDC 01 20:29:50.8-5.2, 5.55S:152.45E, h46km, 42km, mb3.1/2, mbmp3.3/2, Error ellipse: s-maj=75.9km s-min=23.8km az=96.0, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, ISC, Time, Res. Includes stations like KCOCA Canakkale, GPNR Gulpinar-Canak, EZNE Ezine-Canakkal, etc.

NEIC 01 20:54:54.1 ± 1.5, 18.1S: 0.1x1.77:8W:0.1, h570km, 5km, mb4.4/39, Error ellipse: s-maj=15.5km s-min=15.3km az=46.0

ISC 01 20:54:55.0 ± 0.4, 18.07S: 0.08:177.92W:0.07, h570km, n99, c09415.0, mb4.2/29, 3C-4D, Ffj Islands region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, ISC, Time, Res. Includes stations like FUTA Fatogata, MSVF Nonsavu, MSVF Nonsavu, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, ISC, Time, Res. Includes stations like FAKI FIZ, FITZ FIZ, MBWA Marble Bar, etc.

NAO 01 21:02:31.0 ± 0.9, 71.89N: 2.02W, h10km, ML3.3 BER 01 21:02:31.2 ± 0.9, 71.85N: 2.37W, h10km, Mw4.1, ML3.3(NAO), Confirmed Earthquake

Table with columns: Code, Station Name, A°, AZ°, Phase ID, ISC, Time, Res. Includes stations like JMJC Jan Mayen, DBG Daneborg, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, ISC, Time, Res. Includes stations like STEI, TRO Tromso, VAGH Vaagholmen, etc.

DJA 01 21:05:28.9 ± 0.8, 8.7S: 3.123E, h238km, 10km, M3.9/21, mb4.9/2, mb3.9/5, MLV3.9/21, Mw(m)4.2, NEIC 01 21:05:29.2 ± 1.7, 7.90S: 0.10:123.03E: 0.09, h239km, 8km, mb4.3/8, Error ellipse: s-maj=15.6km s-min=10.7km az=214.0

ISC 01 21:05:29.0 ± 0.6, 7.95S: 0.05:122.97E: 0.05, h250km, n61, c150/61, mb3.6/5, Flores Sea

Table with columns: Code, Station Name, A°, AZ°, Phase ID, ISC, Time, Res. Includes stations like MMRI Maumere, MMRI Maumere, MMRI Maumere, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, ISC. Includes stations like Alice Springs, Mount Isa, Morawa, Ballidu, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, ISC. Includes stations like Sanyi, EIOS3, Liyutan, Renai, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, ISC. Includes stations like Taimali, Houxiangcun, Dungi, etc.

TAP 01 21:06:08.3, 24.72N, 121.59E, h64km, ML3.8, B

ISC 01 21:06:08.3, 24.72N, 121.59E, 0.03, h66km, 2.4km, n162.0, s104/314, 1.2C-23D, Taiwan

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, ISC. Lists numerous stations across various regions.

Main station list table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, ISC. Continues the list of stations.

SJA 01 21:09:14.4, 0.2, 27.86S, 71.63W, h19km, 8km, ML6.5, MW6.5

PTWC 01 21:09:14.2, 27.90S, 71.70W, h10km, Mw6.2/15

IDC 01 21:09:15.9, 0.3, 27.97S, 71.25W, h0km, mb5.5/16, mbtmp5.4/20, ML6.0, MS6.3/48, Error ellipse: s-maj=12.2km s-min=9.2km az=72.0

GUC 01 21:09:15.1, 0.8, 27.98S, 71.55W, h24km, 4km, ML6.1

ISC-P 01 21:09:17.2, 27.92S, 71.37W, h36km, Mwppsm6.8, Moment Tensor Solution. s34 Moment tensor: Scale 10^19Nm; Mn:0.55; 13; M0:0.02; 17; M2:0.55; 18; M3:0.01; 08; M4:0.43; 18; M5:0.09; 09; Fault plane solution: M1: 260000x10^18, NP1: 19.00000, 326.30000, 1.81.00000; NP2: 1.76.00000, 364.00000, 1.94.40000; NEIC 01 21:09:17.9, 1.8, 27.92S, 0.03, 71.37W, 0.05, h16km, 1km, mb6.0/320, Ms: 2.0/6.55, Mw6.3/126, Mw6.5/19, Mw6.3(GUC) Error ellipse: s-maj=7.5km s-min=5.6km az=266.0, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mn:2.18; M0:0.96; M2:3.15; M3:1.29; M4:0.10; M5:1.99; Fault plane solution: M1: 367000x10^18, NP1: 29.30000, 333.41000, 1.137.45000; NP2: 156.76000, 368.14000, 1.64.08000; Principal axes: T 3.4817, P1659.0000, Azm167.0000; N 0.3511, P1926.0000; Azm167.0000; P -3.8328, P1919.0000; Azm266.0000

VAO 01 21:09:17.3, 0.2, 27.86S, 71.17W, h10km, mb5.8, Presumed earthquake

IPGP 01 21:09:17.0, 27.93S, 71.39W, h24km, Mw6.5, Fault plane solution: NP1: 19.00000, 325.00000, 1.16.00000; NP2: 1.71.00000, 368.00000, 1.79.00000

MOS 01 21:09:18.0, 1.2, 28.00S, 71.28W, h18km, mb6.0/28, MS6.3/31, Error ellipse: s-maj=11.0km s-min=6.1km az=100.4

BUJ 01 21:09:18.2, 28.00S, 71.33W, h10km, mb6.5/45, MS6.7/87, Azm167.6/783

CATAC 01 21:09:19.3, 0.8, 28.2S, 71.1W, h6km, 4km, M6.5/7, mb6.1/7, mb6.5/7, MLV7.1/7, Mw(MB)6.3/7, Mw(Mw)6.2/7, Mw6.2/7, Error ellipse: s-maj=18.4km s-min=3.7km az=89.1, confirmed

OSUNB 01 21:09:19.6, 0.2, 27.83S, 71.22W, h14km, Mw6.4/42, Error ellipse: s-maj=3.2km s-min=3.4km az=0.0

GFZ 01 21:09:20.7, 27.91S, 71.32W, h27km, Mw6.4/89, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mn:3.01; M0:0.46; M2:3.47; M3:0.05; M4:0.06; M5:3.82; Fault plane solution: M1: 50512x10^18, NP1: 17.00000, 370.12500, 1.84.22000; NP2: 1.10.13400; 320.66551, 1.105.56559; Principal axes: T 4.8401, P1664.4226, Azm74.0620; N 0.4074, P165.4341, Azm175.5258; P -5.2475, P124.9113, Azm268.0580; GFZ 01 21:09:20.7, 0.2, 28.2S, 71.1W, h22km, 1km, M6.2/94, mb6.5/82, mb5.8/94, Mw(MB)6.3/82, Mw(Mw)6.2/84, Mw6.2/84 Error ellipse: s-maj=6.5km s-min=3.7km az=76.2, confirmed

GCMT 01 21:09:25.9, 0.2, 28.03S, 71.46W, h24km, MW6.4/177, Moment Tensor Solution. s175.c418, s177.c733; Duration: 4#0 Moment tensor: Scale 10^19Nm; Mn:3.05; 02; M0:0.40; 01; M2:3.70; 02; M3:1.02; 03; M4:0.18; 01; M5:3.97; 04; Best double couple: M5: 40100x10^18, NP1: 17.00000, 322.00000, 1.16.00000; NP2: 169.00000, 370.00000, 1.80.00000; Principal axes: T 5.2990, P1663.0000, Azm63.0000; N 0.2030, P1610.0000, Azm173.0000; P -5.5040, P1625.0000, Azm267.0000; nst1 refers to body waves, cutoff=40s, nst2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

NEIC 01 21:09:33.6, 27.83S, 71.76W, h24km, Moment Tensor Solution. Duration: 9#5 Moment tensor: Scale 10^19Nm; Mn:3.66; M0:0.05; M2:3.71; M3:0.86; M4:0.89; M5:5.79; Fault plane solution: M1: 697000x10^18, NP1: 12.20000, 374.170000, 1.79.00000; NP2: 1.12.14000; NP3: 1.12.14000; Principal axes: T 7.0353, P160.0000, Azm71.0000; N -0.1282, P1610.0000, Azm178.0000; P -6.9071, P1628.0000, Azm273.0000

ISC 01 21:09:18.5, 0.4, 27.95S, 0.02, 71.35W, 0.03, h16km, 2km, h16km; PP-P, n1713, s2171446, mb5.9/315, MS6.2/228, 102C-60D, Near coast of northern China

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, ISC. Lists stations for the SJA, PTWC, IDC, GUC, etc. events.

AC05	EI Transito	1.90	133	P	Pn	21 09 41.4	-0.8
AC01	Pan de Azucar	1.91	21	eP	Pn	21 09 49.2	-1.2
AC01	Pan de Azucar	1.91	21	fl	Pn	21 09 49.1	-1.4
AC01				eS	Sb	21 10 16.8	+0.2
AC01	Pan de Azucar	1.91	21	Pn	Pn	21 09 49.0	-1.4
AC01	Pan de Azucar	1.91	21	Pn	Pn	21 09 49.2	-1.2
AC01	Pan de Azucar	1.91	21	S	Sg	21 10 18.5	-1.4
AC02	Pan de Azucar	1.91	21	P	Pn	21 09 49.2	-1.2
AC02	Maricunga	2.26	61	eP	Pb	21 09 57.5	-1.8
AC02				eS	Sg	21 10 30.8	-0.5
AC02				IAML		21 10 33.1	
AC02	comp=Z,107um,0.9s						
AC02	Maricunga	2.26	61	eP	Pn	21 09 57.2	+1.5
AC02				eS	Sg	21 10 30.1	-1.2
AC02				IAML		21 10 37.0	
AC02	comp=N,141um,0.7s						
AC02	Maricunga	2.26	61	P	Pb	21 09 57.4	-1.8
AC02				eS	Sg	21 09 55.8	+0.1
AC02				eS	Sg	21 10 35.5	+3.9
AC02				IAML		21 10 40.5	
AC02	comp=Z,336um,1.1s						
AC02	Tololo Observa	2.27	168	eP	Pn	21 09 54.9	-0.7
AC02	Tololo Observa	2.27	168	P	Pn	21 09 55.5	-0.1
AC02	Tololo Observa	2.27	168	fl	Pn	21 09 55.3	+0.3
AC02	Tololo Observa	2.27	168	P	Pn	21 09 55.5	0.0
AC02	Tololo Observa	2.27	168	eP	Pn	21 09 49.2	+0.8
AC02	Juntas del Tor	2.30	152	eP	Pn	21 10 23.4	-0.8
AC02				eS	Sn	21 10 32.6	
AC02				IAML			
AC02	comp=Z,211um,1.7s						
AC02	Juntas del Tor	2.30	152	iP	Pn	21 09 56.4	+0.3
AC02				eP	Pn	21 10 27.7	-0.5
AC02				IAML		21 10 33.2	
AC02	comp=N,269um,1.0s						
AC02	Juntas del Tor	2.30	152	P	Pn	21 09 56.8	+0.7
AC02	Fray Jorge	2.73	185	eP	Pn	21 09 59.1	-2.6
AC02				IAML		21 10 47.6	
AC02	comp=E,57um,1.1s						
AC02	Fray Jorge	2.73	185	Pn	Pn	21 09 59.2	-2.6
AC02	Rodeo	2.76	144	eP	Pb	21 10 05.1	-2.5
AC02	Vinchina	2.88	107	eP	Sg	21 10 08.7	-1.0
AC02				eS	Sg	21 10 51.4	+0.4
AC02				IAML		21 11 05.0	
AC02	comp=Z,89um,1.2s						
AC02	Vinchina	2.88	107	eP	Pb	21 11 07.8	-1.8
AC02	El Pedregal	2.94	169	eP	Pb	21 10 04.8	-5.8
AC02				eP	Pb	21 10 55.0	
AC02				IAML			
AC02	comp=Z,165um,0.9s						
AC02	El Pedregal	2.94	169	iP	Pn	21 10 04.0	-0.7
AC02				IAML		21 10 55.7	
AC02	comp=E,127um,0.8s						
AC02	El Pedregal	2.94	169	P	Pn	21 10 06.7	+2.0
AC02				S	Sb	21 10 46.8	+0.4
AC02	Cuesta del Vie	2.95	139	eP	Pb	21 10 09.4	-1.5
AC02				eS	Sb	21 10 46.9	+0.1
AC02				IAML		21 10 58.2	
AC02	comp=Z,85um,1.7s						
AC02	Combarbal	3.26	175	eP	Pn	21 10 08.0	-1.2
AC02				IAML		21 11 04.8	
AC02	comp=Z,276um,0.9s						
AC02	Combarbal	3.26	175	eP	Pn	21 10 07.5	-1.6
AC02	Combarbal	3.26	175	P	Pn	21 10 07.8	-1.4
AC02	Combarbal	3.26	175	fl	Pn	21 10 07.7	-1.4
AC02	Cerro Coronel	3.30	145	eP	Pb	21 10 13.6	-3.3
AC02				eS	Sb	21 10 58.4	+1.4
AC02				IAML		21 11 10.5	
AC02	comp=Z,81um,0.7s						
AC02	Tinogasta	3.34	93	eP	Pn	21 10 12.8	+2.5
AC02	IPOC Station P	3.41	15	Pn	Pn	21 10 09.0	-2.4
AC02	IPOC Station P	3.41	15	Pn	Pn	21 10 09.4	-2.0
AC02				eS	Sb	21 10 59.9	-0.3
AC02				eS	Sb	21 10 59.1	-2.4
AC02	IPOC Station P	3.41	15	Pn	Pn	21 10 09.2	-2.4
AC02	IPOC Station P	3.41	15	Pn	Pn	21 10 09.2	-2.4
AC02	Los Peladeros	4.10	176	eP	Pn	21 10 19.7	-1.1
AC02	CERRO LA CRUZ	4.13	112	eP	Pn	21 10 23.9	+2.8
AC02				eS	Sb	21 11 18.4	-2.4
AC02				eS	Sb	21 10 24.9	+2.9
AC02	Cerro Villicun	4.20	144	eP	Pn	21 10 25.9	+3.3
AC02				eS	Sb	21 10 25.9	+3.3
AC02	Leonicito	4.23	156	eP	Pn	21 10 25.7	+2.7
AC02				eS	Sb	21 11 21.4	-2.4
AC02	Zonda	4.27	148	eP	Pn	21 10 25.7	+2.7
AC02				eS	Sb	21 11 21.4	-3.3
AC02	Zonda	4.27	148	P	Pn	21 10 25.0	+2.0
AC02	Zonda	4.27	148	P	Pn	21 10 25.0	+2.2
AC02	Zonda	4.27	148	fl	Pn	21 10 25.1	+2.2
AC02	Coronel Fontan	4.54	144	fl	Pn	21 10 28.2	+1.6
AC02				S	Sn	21 11 21.6	+2.4
AC02				IAML			
AC02	comp=Z,360nm,0.3s,baz=306,slow=14,SNR=4.9						
AC02	comp=Z,341nm,0.3s						
AC02	Coronel Fontan	4.54	144	eP	Pn	21 10 29.0	+2.4
AC02				eS	Sb	21 11 23.5	+0.5
AC02	San Esteban	4.85	172	eP	Pn	21 10 31.5	+0.5
AC02				eS	Sb	21 11 36.9	-4.5
AC02	San Esteban	4.85	172	eP	Pn	21 10 30.8	-0.2
AC02	Torpederas	5.07	183	eP	Pn	21 10 36.4	-7.4
AC02				eS	Sn	21 11 39.4	+7.4
AC02	Torpederas	5.07	183	eP	Pn	21 10 30.6	-3.2
AC02	Torpederas	5.07	183	P	Pn	21 10 30.9	-2.9
AC02	Torpederas	5.07	183	P	Pn	21 10 32.8	-1.0
AC02				IAML			
AC02	comp=Z,271um,comp=Z,106um,comp=Z,4um,0.6s,comp=Z,106um						
AC02	IPOC Station P	5.17	121	eP	Pn	21 10 32.2	-3.3
AC02	IPOC Station P	5.17	121	P	Pn	21 10 32.0	-3.0
AC02	IPOC Station P	5.17	121	P	Pn	21 10 32.4	-3.0
AC02				IAML			
AC02	comp=Z,3um,0.8s,comp=Z,24um,comp=Z,177um,comp=Z,34um						
AC02	Peidheue	5.21	174	P	Pn	21 10 34.9	-0.9
AC02	Peidheue	5.21	174	P	Pn	21 10 35.0	-0.9
AC02	Peidheue	5.21	174	fl	Pn	21 10 35.0	-0.2
AC02	Peidheue	5.21	174	fl	Pn	21 10 37.8	+1.9
AC02				S	Sn	21 11 41.4	+5.6
AC02				S	Sn	21 10 36.7	+0.8
AC02	comp=Z,9um,1.2s,comp=Z,133um,comp=Z,145um,comp=Z,133um						
AC02	Curacav	5.30	178	Pn	Pn	21 10 36.0	-1.1
AC02	Rencal	5.46	175	Pn	Pn	21 10 37.1	-0.1
AC02	IPOC Station P	5.46	18	Pn	Pn	21 10 36.6	-2.8
AC02	IPOC Station P	5.46	18	P	Pn	21 10 36.5	-2.9
AC02	IPOC Station P	5.46	18	P	Pn	21 10 39.3	0.0
AC02	IPOC Station P	5.46	18	P	Pn	21 10 36.9	-2.5
AC02				IAML			
AC02	comp=Z,50um,comp=Z,216um,comp=Z,5um						
AC02	Horco Molle	5.47	79	Pn	Pn	21 10 36.9	-2.5
AC02	CCHEN	5.51	173	Pn	Pn	21 10 40.0	0.0
AC02	Universidad Ad	5.58	173	Pn	Pn	21 10 40.8	-0.2
AC02	San Pedro de A	5.74	31	eP	Pn	21 10 44.8	+1.5
AC02	San Pedro de A	5.74	31	Pn	Pn	21 10 43.3	0.0
AC02	Talagante	5.82	177	Pn	Pn	21 10 42.4	-1.9
AC02	IPOC Station P	6.05	14	Pn	Pn	21 10 44.4	-3.1
AC02				IAML			
AC02	comp=Z,1um,0.8s,comp=Z,26um,comp=Z,165um						
AC02	San Lorenzo	6.15	60	eP	Pn	21 10 51.4	+2.6
AC02	IPOC Station P	6.41	18	Pn	Pn	21 10 51.8	-0.7
AC02	IPOC Station P	6.41	18	P	Sb	21 12 33.2	+6.8
AC02				S	Sb	21 10 53.1	-3.7
AC02	IPOC Station P	6.73	12	P	Pn	21 10 54.0	-2.8
AC02	IPOC Station P	6.73	12	P	Pn	21 12 44.1	+8.7
AC02				S	Sb	21 10 57.7	-0.2
AC02	Tanti	6.78	122	eP	Pn	21 10 57.0	-0.2
AC02	Sierra Bellavi	6.84	176	fl	Pn	21 10 57.0	-1.3
AC02	Sierra Bellavi	6.84	176	fl	Pn	21 10 56.8	-1.5
AC02	Diego Aracena	7.42	8	P	Pn	21 11 02.6	-3.6
AC02	IPOC Station P	8.02	15	Pn	Pn	21 11 12.4	-2.4
AC02	Pisagua	8.38	8	Pn	Pn	21 11 14.5	-5.1
AC02	Pisagua	8.38	8	Pn	Pn	21 11 15.6	-3.9
AC02	Juan Fernandez	8.51	228	Pn	Pn	21 11 17.1	-3.7
AC02				S	Sn	21 12 50.2	-6.2
AC02				T	T	21 19 59.0	
AC02	comp=Z,48,slow=74,SNR=3125						
AC02	Juan Fernandez	8.52	228	Pn	Pn	21 11 17.5	-3.5
AC02				S	Sn	21 12 50.5	-6.2
AC02				T	T	21 19 57.2	
AC02	comp=Z,239,slow=20						
AC02	Juan Fernandez	8.53	228	S	Sn	21 13 02.0	+5.1
AC02				S	Sn	21 11 16.5	-5.5
AC02	Juan Ferrndez	8.58	227	Pn	Pn	21 11 16.2	-5.9
AC02	San Fabian de	8.69	180	Pn	Pn	21 11 21.0	-2.7
AC02	Juan Fernandez	8.75	226	Pn	Pn	21 11 19.5	-4.7

H03S3					S	21 12 54.0	-8.3
H03S1	baz=116,slow=25				Pn	21 11 19.5	-4.8
H03S1	Juan Fernandez	8.77	226	Pn	Pn	21 12 54.8	-7.7
H03S1				S	Sn	21 11 20.0	-4.4
H03S2	baz=116,slow=25				Pn	21 12 54.0	-4.4
H03S2	Juan Fernandez	8.77	226	Pn	Pn	21 12 54.0	-4.4
H03S2				S	Sn	21 12 54.1	-8.6
H03S3	baz=116,slow=25				S	21 11 31.7	-4.0
H03S3	Chacalluta	9.57	6	Pn	Pn	21 11 33.0	-5.2
H03S3	IPOC Station P	9.71	10	Pn	Pn	21 11 47.5	-0.7
H03S3	Visiviri	10.45	10	Pn	Pn	21 12 03.5	-0.7
H03S3	Curarrehue	11.61	180	Pn	Pn	21 12 01.3	-1.9
H03S3	Curarrehue	11.61	180	Pn	Pn	21 12 08.5	-0.7
H03S3	La Paz	11.98	15	Pn	Pn	21 14 15.3	-7.6
H03S3				S	Sn	21 15 26.1	
H03S3	comp=Z,0.4nm,0.3s,baz=174,slow=21,SNR=1.0				Lg	21 17 19.0	
H03S3	comp=Z,0.6nm,0.3s,baz=165,slow=20,SNR=3.7				Lg	21 17 19.0	
H03S3	comp=Z,191um,18.9s,baz=190,slow=40				LR	21 12 11.2	+2.0
H03S3	comp=Z,33nm,0.4s				AML	21 12 06.3	-2.9
H03S3	La Paz	11.98	15	P	Pn	21 12 08.1	-1.1
H03S3	La Paz	11.98	15	P	Pn	21 12 07.3	-1.8
H03S3	La Paz	11.98	15	fl	Pn	21 12 07.4	-1.8

JSA	Saint Aubin	98.36	38	eP	PdIff	IAMS_20	IAMS_20	21 22 55.9	+0.6
JSA								22 02 43.5	
WRAK	Wrangell Isian	98.58	331	IAMS_20	IAMS_20			22 04 47.4	
WRAK	Wrangell Isian	98.58	331	IAMS_20	IAMS_20			22 04 47.4	
U33K	White Pass	98.73	330	IAMS_20	IAMS_20			22 15 50.4	
KEST	Kesra	98.89	54	LR	LR			22 09 02.4	
MSVF	Nonsavu	98.95	245	LR	LR			21 56 48.7	
MSVF	Nonsavu	98.95	245	IAMS_20	IAMS_20			21 56 36.8	
S34M	Telegraph Cree	99.01	332	IAMS_20	IAMS_20			22 03 16.6	
MCH1	Michaelchurch	99.37	36	eP	PdIff	IAMS_20	IAMS_20	21 23 06.6	+0.4
MCH1								22 05 49.4	
MONM	Monmouth	99.49	36	eP	PdIff	IAMS_20	IAMS_20	21 23 00.1	-0.2
MONM								22 05 48.3	
CLGH	Cloghs, Cushen	99.69	32	eP	PdIff	IAMS_20	IAMS_20	21 23 01.5	+0.4
CLGH								22 05 25.5	
HLM1	Long Mynd	99.82	35	eP	PdIff	IAMS_20	IAMS_20	21 23 03.3	+1.5
HLM1								22 05 51.9	
SWN1	Swindon	99.83	36	eP	PdIff	IAMS_20	IAMS_20	21 23 03.3	+1.5
SWN1								22 06 25.0	
FOEL	Foel Wyflia	99.86	35	eP	PdIff	IAMS_20	IAMS_20	21 23 03.5	+1.5
FOEL								22 08 53.4	
R33M	Jennings River	99.88	333	IAMS_20	IAMS_20			22 06 51.6	
Q32M	Nakina River	100.13	333	IAMS_20	IAMS_20			22 06 22.3	
RUSF	Rustrul	100.18	46	P	PdIff	IAMS_20	IAMS_20	21 23 06.6	+2.9
BORG	Borganes	100.21	20	IAMS_20	IAMS_20			22 07 42.8	
SSB	Saint Sauveur	100.24	44	P	PdIff	IAMS_20	IAMS_20	21 23 05.6	+1.7
SSB								21 23 04.7	+0.8
CLF	Chambon-Foret	100.25	41	P	PdIff	IAMS_20	IAMS_20	21 23 06.2	+2.4
STNC	Stoke	100.48	35	eP	PdIff	IAMS_20	IAMS_20	21 23 05.1	+0.5
STNC								22 06 12.0	
NEWG	New Galloway	100.60	33	eP	PdIff	IAMS_20	IAMS_20	21 23 05.5	+0.3
NEWG								22 09 59.1	
R32K	Eaglecrest	100.65	331	IAMS_20	IAMS_20			22 06 33.0	
CWF	Charnwood Fore	100.75	36	eP	PdIff	IAMS_20	IAMS_20	21 23 07.4	+1.6
CWF								22 06 48.6	
LOR	Lormes	100.81	42	P	PdIff	IAMS_20	IAMS_20	21 23 07.7	+1.4
PGBU	Glenifferbraas	100.87	32	eP	PdIff	IAMS_20	IAMS_20	21 23 07.7	+1.4
PGBU								22 04 18.5	
ORIF	Oris-en-Rattie	100.90	45	P	PdIff	IAMS_20	IAMS_20	21 23 08.5	+1.6
BESE	Bessie Mountai	100.97	331	IAMS_20	IAMS_20			22 06 51.6	
CALF	Calern	101.01	46	P	PdIff	IAMS_20	IAMS_20	21 23 06.6	-0.8
P32M	Atlin	101.11	333	IAMS_20	IAMS_20			22 06 52.0	
EAB	Aberfoyle	101.15	32	eP	PdIff	IAMS_20	IAMS_20	21 23 09.2	+1.7
EAB								22 04 36.6	
S31K	Pelican	101.20	331	IAMS_20	IAMS_20			22 03 32.6	
EKA	Eskdalemuir Ar	101.23	33	P	PdIff	IAMS_20	IAMS_20	21 23 08.1	+0.1
EKA								21 27 17.3	-0.2
HPK	Haverah Park	101.24	34	eP	PdIff	IAMS_20	IAMS_20	21 23 08.9	+0.9
HPK								22 09 36.1	
ISO	Isola	101.29	46	P	PdIff	IAMS_20	IAMS_20	21 23 09.7	+1.1
ESCA	l'Escarene	101.33	46	P	PdIff	IAMS_20	IAMS_20	21 23 11.2	+2.4
ELMS	Elmsett, Ipswi	101.61	37	eP	PdIff	IAMS_20	IAMS_20	21 23 10.0	+0.3
NL3M	Quiet Lake	101.80	334	IAMS_20	IAMS_20			22 08 30.3	
DOU	Dourbes	102.61	40	dPdIff	PdIff	IAMS_20	IAMS_20	21 23 13.1	-1.1
SUMG	Summit	102.75	10	IAMS_20	IAMS_20			21 17 47.5	
P29M	Windy Craggy	102.80	331	IAMS_20	IAMS_20			22 04 38.8	
BMRD	Maredsous	102.80	40	dPdIff	PdIff	IAMS_20	IAMS_20	21 23 14.8	-0.2
UCC	Uccle	102.81	39	P	PdIff	IAMS_20	IAMS_20	21 23 12.6	-2.5
M31M	Drury Creek, Y	102.93	335	IAMS_20	IAMS_20			22 08 42.2	
RCHB	Rochefort	102.99	40	dPdIff	PdIff	IAMS_20	IAMS_20	21 23 15.2	-0.7
RCHB								21 23 17.5	+1.6
N31M	Braeburn, Yuku	103.05	334	IAMS_20	IAMS_20			22 07 59.4	
BCLA	Clavier	103.16	40	dPdIff	PdIff	IAMS_20	IAMS_20	21 23 16.9	+0.2
ECH	Echery	103.22	42	P	PdIff	IAMS_20	IAMS_20	21 23 18.9	+1.9
ECH								21 23 17.9	+0.9
WLF	Walfardange	103.29	41	P	PdIff	IAMS_20	IAMS_20	21 23 18.8	+1.5
WLF								21 23 17.6	+0.3
WLF	Walfardange	103.29	41	ePdIff	PdIff	IAMS_20	IAMS_20	21 23 19.9	+2.6
WLF								21 27 34.6	+1.5
WLF								21 23 18.4	+1.1
BNALP	Bannalp	103.38	44	P	PdIff	IAMS_20	IAMS_20	21 23 19.8	+1.9
O29M	Mount Kennedy	103.52	332	IAMS_20	IAMS_20			22 05 13.9	
MEM	Membach	103.65	40	dPdIff	PdIff	IAMS_20	IAMS_20	21 23 20.3	+1.5
BOPT	Opiter	103.67	39	dPdIff	PdIff	IAMS_20	IAMS_20	21 23 21.9	+3.0
HGN	Heimsgroeve	103.67	40	P	PdIff	IAMS_20	IAMS_20	21 23 20.5	+1.6
BTNL	Tunella	103.70	40	dPdIff	PdIff	IAMS_20	IAMS_20	21 23 21.8	+2.7
TUE	Stuetta	103.77	45	P	PdIff	IAMS_20	IAMS_20	21 23 21.2	+1.4
SLE	Schleitheim	103.82	43	P	PdIff	IAMS_20	IAMS_20	21 23 21.3	+1.6
SLE								21 23 21.1	+1.3
BFO	Black Forest	103.97	43	P	PdIff	IAMS_20	IAMS_20	21 23 21.7	+1.3
BFO								21 22 48.3	
BFO	Black Forest	103.97	43	ePdIff	PdIff	IAMS_20	IAMS_20	21 23 22.6	+2.2
BFO								21 27 36.9	-0.9
PCA	Pinnacle	104.12	331	IAMS_20	IAMS_20			22 07 19.7	
SCO	Scoresbysund	104.21	15	IAMS_20	IAMS_20			22 13 01.4	
C36M	Paulutk	104.23	343	IAMS_20	IAMS_20			22 10 21.2	
FUORN	Ofenpass-Fuorn	104.41	45	P	PdIff	IAMS_20	IAMS_20	21 23 24.2	+1.6
O28M	Mount Upton	104.44	332	IAMS_20	IAMS_20			22 11 08.4	
DAVA	Damuels	104.45	44	ePdIff	PdIff	IAMS_20	IAMS_20	21 23 25.4	+2.6
DAVA								21 27 41.0	-1.1
DAVA								21 23 04.4	+2.3
DAVA								21 23 24.9	+2.1
STU	Stuttgart	104.68	42	IAMS_20	IAMS_20			22 12 59.1	
STU								21 27 41.5	-2.0
BUG	Bochem-Univer	104.73	39	ePdIff	PdIff	IAMS_20	IAMS_20	21 23 26.0	+2.4

BUG		baz=247,slow=4.5	ePP	PP				21 27 41.3	-2.5
BUG	Bochem-Univer	104.73	39	P	PdIff	IAMS_20	IAMS_20	21 23 24.7	+1.1
UBR	Ueberherrn	104.76	44	ePdIff	PdIff	IAMS_20	IAMS_20	21 23 26.6	+2.7
UBR		baz=247,slow=4.5	ePP	PP				21 27 41.5	-2.8
UBR	Ueberherrn	104.76	44	P	PdIff	IAMS_20	IAMS_20	21 23 26.3	+2.3
LOGN	Logan Glacier	104.81	332	IAMS_20	IAMS_20			22 11 18.1	
FETA	Feichten	104.86	45	ePdIff	PdIff	IAMS_20	IAMS_20	21 23 25.9	+1.3
FETA		comp=Z,20nm,1.4s,SNR=11	ePKIKP	pPKIKP				21 27 43.1	-1.1
FETA		comp=Z,454nm,4.6s	eSKS	SKSac				21 34 06.3	+2.2
L29M	L29M	104.87	334	IAMS_20	IAMS_20			22 09 20.4	
YAH	Yahrtsee	104.89	331	IAMS_20	IAMS_20			22 07 32.2	
J30M	Hart River	105.01	336	IAMS_20	IAMS_20			22 16 13.1	
H31M	Peel River	105.02	338	IAMS_20	IAMS_20			22 10 35.4	
K29M	Barlow Dome	105.04	335	IAMS_20	IAMS_20			22 10 34.9	
CGRP	Cima Grappa	105.06	46	P	PdIff	IAMS_20	IAMS_20	21 23 27.6	+2.1
RETA	Reutte	105.08	44	ePdIff	PdIff	IAMS_20	IAMS_20	21 23 26.7	+1.3
RETA		comp=Z,580nm,4.8s	ePKIKP	pPKIKP				21 27 45.4	+0.9
GRNC	Granite Creek	105.08	331	IAMS_20	IAMS_20			22 12 40.3	
BARN	Barnard Glacier	105.21	332	IAMS_20	IAMS_20			22 10 06.6	
MOTA	Moosalm	105.23	44	i PdIff	PdIff	IAMS_20	IAMS_20	21 23 27.5	+1.3
MOTA		comp=Z,32nm,1.5s,SNR=16	ePKIKP	pPKIKP				21 27 43.9	-1.0
SQTA	Sankt Quirin	105.25	44	ePdIff	PdIff	IAMS_20	IAMS_20	21 23 27.1	+0.9
SQTA		comp=Z,33nm,1.4s,SNR=16	ePKIKP	pPKIKP				21 27 44.0	-0.9
KASTN	Kahler Asten	105.28	40	ePdIff	PdIff	IAMS_20	IAMS_20	21 23 28.3	+2.2
KASTN		baz=247,slow=4.5	ePP	PP				21 27 46.5	-1.5
IBBN	ibbenuren	105.38	39	ePdIff	PdIff	IAMS_20	IAMS_20	21 23 28.8	+2.3
IBBN		baz=247,slow=4.5	ePP	PP				21 23 28.4	+1.9
I30M	Mount Dempster	105.39	337	IAMS_20	IAMS_20			22 18 11.1	
WATA	Walderalm	105.52	44	ePdIff	PdIff	IAMS_20	IAMS_20	21 23 28.7	+1.3
WATA		comp=Z,26nm,1.5s,SNR=11	ePKIKP	pPKIKP				21 27 45.7	+0.3
WTTA	Wattenberg	105.53	45	PdIff	PdIff	IAMS_20	IAMS_20	21 23 28.8	+1.3
WTTA		comp=Z,30nm,1.3s,SNR=12	SKS	SKSac				21 34 07.4	+0.3
WTTA	Wattenberg	105.53	45	P	PdIff	IAMS_20	IAMS_20	21 23 28.7	+1.1
TGL	Tana Glacier	105.55	331	IAMS_20	IAMS_20			22 09 12.6	
J29M	Klondike Camp	105.63	336	IAMS_20	IAMS_20			22 11 47.4	
G31M	Satah River	105.64	339	IAMS_20	IAMS_20			22 11 24.8	
FUR	Furstenfeldbru	105.68	44	ePdIff	PdIff	IAMS_20	IAMS_20	21 23 30.6	+2.6
FUR		baz=247,slow=4.5	ePP	PP				21 27 48.1	-2.9
FUR	Furstenfeldbru	105.68	44	P	PdIff	IAMS_20	IAMS_20	21 23 30.4	+2.5
CRQM	Cirque	105.69	331	IAMS_20	IAMS_20			22 07 09.6	
BERG	Berg Lake	105.75	331	IAMS_20	IAMS_20			22 11 13.9	
KAIM	Kayak Island	105.84	330	IAMS_20	IAMS_20			22 19 14.4	
ABTA	Abtlersbach	105.87	45	ePdIff	PdIff	IAMS_20	IAMS_20	21 23 30.2	+1.3
ABTA		comp=Z,11nm,1.3s	ePP	PP				21 27 50.7	-1.8
ABTA		comp=Z,143nm,3.0s	eSKS	SKSac				21 34 09.6	+1.1
MCARA	McCarthy VSAT	105.94	332	IAMS_20	IAMS_20			22 08 40.0	
M27K	Edge Creek, AK	105.95	333	IAMS_20	IAMS_20			22 12 27.2	
UBBA	Unterbreizbach	106.02	41	ePdIff	PdIff	IAMS_20	IAMS_20	21 23 31.6	+2.4
VRDI	Verde Repeater	106.05	331	IAMS_20	IAMS_20			22 08 18.8	
I29M	Ogilvie Camp	106.14	336	IAMS_20	IAMS_20			22 17 04.1	
GRC3	Grabenberg Arr	106.16	43	P	PdIff	IAMS_20	IAMS_20	21 23 31.9	+1.8
RAGM									

1d 21h

2020 SEP

Table with columns: Station, Frequency, Power, Mode, and various performance metrics (e.g., SNR, BER, etc.). Includes stations like PAVCC, RONA, WINA, GHO, TREC, etc.

Table with columns: Station, Frequency, Power, Mode, and various performance metrics. Includes stations like VTS, MMB, PLNA, BLSH, HERR, etc.

Table with columns: Station, Frequency, Power, Mode, and various performance metrics. Includes stations like AKASG, AKAB, AKBB, AKCB, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like Alice Springs, Chiang Mai, Matushiro Arr, etc.

SOME 01 21:32:44.8, 42°55'N, 79°67'E, h20km
NWC 01 21:32:45.2, 0.8, 42°61'N, 79°60'E, h0km, mb2.9, mpv3.1, Error ellipse: s-maj=4.9km s-min=3.1km az=148.0

KRNET 01 21:32:45.2, 0.1, 42°58'N, 79°59'E, h17km, mb3.0

ISC 01 21:32:44.5, 1.5, 42°57'N, 0.04, 79°60'E, 0.04, h14km, 10km, n33, e092/60, 13C-1D, Lake Issyk-Kul region

Main table of station data for the left column, including codes like SHLS, SHL, UZB, PDGK, PRZ, SATY, etc.

Main table of station data for the middle column, including codes like DGS, LCO, AC06, AC05, etc.

Main table of station data for the right column, including codes like G003, AC06, LCO, AC05, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ACDD Cuesta del Vie, VCA Vinchina, ACCO Cerro Coronel, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BVAR Borovoye Array, SJA 01 22:56:08.2, GUC 01 22:56:08.9, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OUZ Kahui Hut, BFZ Birch Farm, QZ Quartz Range, etc.

IDC 01 22:51:28.1±0.6, 2.1±35S×174.39W, h0km, mb4.2/13, mbtmp4.2/16, ML3.9/3, Error ellipse: s-maj=22.3km s-min=16.7km az=158.0

SJA 01 22:56:08.2±0.7, 28.00S×71.28W, h30km, 2km, ML3.6, MW3.8

IDC 01 23:17:09.1±0.6, 56.670S×143.79W, h0km, mb4.6/10, mbtmp4.5/10, MS4.7/19, Error ellipse: s-maj=24.7km s-min=15.7km az=9.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NIUE Niue, MSVF Nonsauv, RAR Rarotonga, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AC04 Llanos de Chal, AC03 Copiapo, AC06 Mina Casimiro, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PLWZ Palliser, RPZ Rata Peaks, QSPA South Pole Qui, etc.

IDC 01 22:51:28.5±1.6, 21.2S×1.173E, h0km, 1km, mb4.6/9, Error ellipse: s-maj=24.1km s-min=21.7km az=135.0

NOU 01 23:15:55.8, 36.64S×177.97E, h0km, MLv4.3/10, Off E. Coast of N. Island, NZ.

IDC 01 23:17:11.2±0.5, 56.1S×103.79W±0.09, h10km, n113, c126/91, mb5.1/34, MS4.8/19, 5C, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, ASAR Warramunga Arr, WRAB Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AC02 Maricunga, AC06 Fray Jorge, AC00 Cerro Coronel, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GO10 Punta Arenas, ESPZ Base Esperanza, GO08 Villa O'Higgins, etc.

IDC 01 22:51:52.8±7.4, 7.47S×126.72E, h330km, 83km, mb3.5/5, mbtmp4.2/8, Error ellipse: s-maj=82.7km s-min=25.7km az=52.0

WEL 01 23:16:03.5±0.6, 37.54S×177.7E±1.5, h5km, M3.8/16, ML3.8/16, MLv3.8/16, Error ellipse: s-maj=5.1km s-min=3.2km az=29.4, confirmed

IDC 01 23:16:02.6±1.4, 36.80S×104.47W±0.04, h9km±13km, n32, c89/82, Off east coast of North Island

IDC 01 22:51:50.0±1.2, 7.4S±0.1±126.9E±0.2, h300km, n8, c1524/10, mb3.9/5, Banda Sea

ISG 01 23:16:02.6±1.4, 36.80S×104.47W±0.04, h9km±13km, n32, c89/82, Off east coast of North Island

IDC 01 23:17:11.2±0.5, 56.1S×103.79W±0.09, h10km, n113, c126/91, mb5.1/34, MS4.8/19, 5C, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WSRZ White Island S, WIZ White Island, MYRZ Mayor Island, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ORCD Orcadas, AFI Afiatama, LL03 Petrohue, etc.

Table of astronomical observations for 2d 0h, listing stations like ARTA, BBOO, BB00, etc., with columns for station name, coordinates, and observation details.

Main table of astronomical observations for 2020 SEP, listing stations like KSRS, MJAR, CN2, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 102, listing stations like H11S1, H11S3, H11N3, etc., with columns for station name, coordinates, and observation details.

Table with columns: Station, Elevation, Frequency, Power, and other technical details. Includes stations like AACL, MT12, ROCH, BO04, CO02, etc.

Table with columns: Station, Elevation, Frequency, Power, and other technical details. Includes stations like VNA3, VNA2, SNA4, SNA3, SNA5, etc.

Table with columns: Station, Elevation, Frequency, Power, and other technical details. Includes stations like KS19, MNI, JKA, JKA, MSAL, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like Petropavlovsk, Kunurra, HHC, DBNI, CTA, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BBJJ, Gaotai, ADK, INKA, SEY, IPM, KULM, YAK, WRKA, MBWA, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like SII, SII, MAKZ, MAKZ, OHAK, KDKA, etc.

Table with columns: YKA, comp, pP, 02 58 46.5 +2.0, etc. Includes stations like Yellowknife, Alert, KHMM, etc.

Table with columns: GANO, GAEA, GANE, etc. Includes stations like Gareloi East, Gareloi North, Little Sitkin, etc.

Table with columns: comp, ASAR, H03N2, etc. Includes stations like Alice Springs, Juan Fernandez, etc.

IDC 02 03:00:19.3; 1.0, 51.46N; 179.85W, h0km, mb3.8/1.5, mbmp3.8/15, ML4.4/2, Error ellipse: s-maj=26.7km s-min=18.6km az=178.0

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, H, m, s, ISC, Time, Res. Includes stations like AMKA, AMKA, AMKA, etc.

NEIC 02 03:00:22.5; 1.5, 51.29N; 0.07; 179.89W; 0.04, h19km, 4km, mb4.0/17, ML3.9/14, ML3.7(AEIC), Error ellipse: s-maj=9.6km s-min=3.3km az=186.0

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, H, m, s, ISC, Time, Res. Includes stations like AMKA, AMKA, AMKA, etc.

SAJA 02 03:04:23.0; 1.9, 27.82S; 71.79W, h9km, ML4.9, MW4.5 VAO 02 03:04:25.8; 1.7, 28.00S; 71.44W, h17km, 10km, mb4.9, Presumed earthquake

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, H, m, s, ISC, Time, Res. Includes stations like ASAR, H03N2, H03N1, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Date, Time, and other details. Includes stations like CO02 Combarbal, PB14 IPOC Station P, and various other call signs.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Date, Time, and other details. Includes stations like CP5B Cacapava Do Su, AQB Aquidauana, and various other call signs.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Date, Time, and other details. Includes stations like WVT Waverly, MIAR Mount Ida, and various other call signs.

Table with columns: MATP, TAM, LSZ, ESDC, ESDC, ESDC, DLBC, KEST, CLL, BRTR, BRTR, ASAR, H1S2, H1S1, H1S3, WRA, H1N3, H1N1, H1N2, KURK, KURB, KURB, ZALV, ZALV, KSH2, MKAR, MKAR, SONM, SONM, SONM, G2A2, G2A2, HHC, CMAR, CMAR, NJ2, NJ2, PZH. Includes station names, coordinates, and various codes.

NEIC 02 03:27:03.1±0.5, 18°37'S; 0°06'168"92E; 0.08, h106km, 7km, mb4.3/1.3, Error ellipse: s-maj=14.2km s-min=2.7km az=130.0

IDC 02 03:27:03.8±4.9, 18°60'S; 168°95'E, h119km, 4.1km, mb3.6/5, mbtmp4.0/6, Error ellipse: s-maj=46.7km s-min=34.6km az=155.0

NOU 02 03:27:05.2, 18°45'S; 168°59'E, h94km, MLV4.8/23, Vanuatu Islands

ISC 02 03:27:02.5±0.8, 18°45'S; 0°04'168"92E; 0.1, h100km, n41, ±121/44, mb4.1/1.1, Vanuatu Islands

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, ISC. Lists various seismic stations and their associated data.

GCMT 02 03:52:23.0±0.4, 65°01'S; 0°04'179"0E; 0.1, h22km, 1km, MW4.9/69, Moment Tensor Solution, s19.c19, s69.c85, Duration: 0 Moment tensor: Scale 1016Nm; Mw=3.01±.26; Mw=2.08±.16; Mw=0.93±.15; Mw=0.58±.26; Mw=0.54±.08; Mw=0.10±.29; Best double couple: Mw2.71600±1016 NP1±247.00000°, ±339.00000°, ±33.00000°. NP2: ±70.00000°, ±51.00000°, ±88.00000°. Principal axes: T 2.3580, Plg6.0000°, Azm159.0000°; N 0.7220, Plg2.0000°, Azm249.0000°; P -3.0750, Plg84.0000°, Azm355.0000°; nslat1 refers to body waves, cutoff=40s. nstaz2 refers to surface waves, cutoff=50s. Surface-wave location

ISC 02 03:52:19.8±1.7, 64.75°S; 179°5E; 0.5, h10km, n38, ±151/7, mb4.1/3, MS3.9/24, Balleny Islands region

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, ISC. Lists seismic stations for GCMT and ISC events.

UCR 02 04:04:38.5±0.7, 8°28'N; 83°01'W, h15km, 8km, MW3.8, Presumed earthquake

UPA 02 04:04:38.7±1.7, 8°32'N; 82°96'W, h3km, 2km, MW3.2, Fault plane solution: NP1±19.20000°, ±46.92000°, ±69.25000°. Presumed earthquake

ISC 02 04:04:39.3±0.8, 8°32'N; 0°03'82.97W; 0.02, h15km, 6km, n45, ±192/74, 2C-6D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, ISC. Lists seismic stations for UCR, UPA, and ISC events.

Table with columns: KKNTU, CEUA, LCR2, LCR2, GMAL, RSUS3, RSUS3, SFAE3, SFAE3, STIA3, STIA3, VBV1, VBV1, JTS, JTS, CMARA, CMARA, ZANG, ZANG, BCIP, BCIP. Lists stations for KKNTU event.

LDG 02 04:19:00.2±0.1, 42°86'N; 1°47'W, h2km, M2.6/2, M2.5/1.9, Error ellipse: s-maj=2.3km s-min=1.9km az=162.0

INMG 02 04:19:00.0±1.3, 42°82'N; 1°51'W, h2km, 3km, M2.1, Error ellipse: s-maj=2.3km s-min=2.3km az=108.0, #DIST RANGE: REGIONAL #PMA_REGION: Pireneus (ESP)

MDD 02 04:19:00.7±0.2, 42°84'N; 1°51'W, h0km, mb_Lg2.4/26, Error ellipse: s-maj=2.3km s-min=1.3km az=0.0

ISC 02 04:18:58.9±0.4, 42°88'N; 0°03'147'W; 0.02, h10km, 7km, n46, ±1847/81, 1C, Pireneus

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, ISC. Lists numerous seismic stations for LDG, INMG, MDD, and ISC events.

2d 5h

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H03S3, SUR, BOSA, ATAH, TSUM, LSZ, KBZ, BRTR, BLRT, COLIM.

TAP 02 05:00:36 1.24 47N, 122.33E, h62km, ML3.8, C
JMA 02 05:00:36 1.0, 2.24 N, 122.4E, 0.4, h58km, 2km,
MV3.1/3, TAIWAN REGION
ISC 02 05:00:36 5.1, 2.445N, 0.003, 122.39E, 0.02, h57km, 6km,
n126, 113/1216, 1D, Taiwan region

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations including E0S2, E0S3, E0S4, E0S5, E0S6, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like WBCY, WHYT, WDJ, FULB, JJJ, JJJ, etc.

ISC 02 05:04:17 2.0, 6.11 42N, 86.59W, h0km, mb4.4/13,
mbmp4.4/15, ML3.4/3, MS4.0/28, Error ellipse:
s-maj=24.9km s-min=9.8km az=44.0
WADL 02 05:04:20 2.0, 3.11 N, 151.87W, 0.8, h11km, 1km, M4.8/7.3,
mb5.0/5, mb5.3/2, MLV4.7/7.3, Mw(mB)4.7/2, Error ellipse:
s-maj=2.3km s-min=1.5km az=25.1, Moment Tensor
Solution. Moment tensor: Scale 10^19Nm; Mr7.74;
Mw=2.69; Mw=5.04; Mw=1.51; Mw=2.09; Mw=4.40; Fault
plane solution: M=8.49957x10^15 Np1.0x138.61788,
d34.18279, l62.11862; NP2=351.21830; 660.22364,
l107.62007; Principal axes: T 9.4571, Plg68.4089;
Az=298.7069; N - 2.4558, Plg15.2326; Az=162.2550;
P - 7.0013, Plg13.5205; Az=68.5008; confirmed
GCMT 02 05:04:22 1.0, 10.92N, 0.03, 87.27W, 0.03, h17km, 1km,
MW4.9/68, Moment Tensor Solution. s20.c22; s68.c90;
Duration: 0 Moment tensor: Scale 10^19Nm; Mr1.64x.15;
Mw=0.59x.08; Mw=1.05x.10; Mw=0.56x.05;
Mw=1.94x.30; Best double couple: M=2.60100x10^16
NP1=321.00000, l18.00000, l77.00000; NP2=
0x155.00000, l72.00000, l94.00000; Principal axes: T
2.7230, Plg63.0000; Az=72.0000; N - 0.2420,
Plg4.0000; Az=333.0000; P - 2.4800, Plg27.0000;
Az=241.0000; nst1 refers to body waves, cutoff=40s.
nst2 refers to surface waves, cutoff=50s. Triangular
moment-rate function
NEIC 02 05:04:21 2.1, 11.15N, 0.06, 86.90W, 0.26, h23km, 4km,
mb4.8/445 Error ellipse: s-maj=10.7km s-min=7.0km
az=46.0
PTWC 02 05:04:22 11.20N, 86.90W, h21km, Mw4.7/4
RSNC 02 05:04:22 9.1, 2.11 N, 153.87W, l, h18km, 9km, M4.7,
mb5.2, mb4.7, ML3.9, Mw(mB)4.6
GFZ 02 05:04:25 0.5, 11 N, 153.87W, l, h59km, 4km, M4.7/19,
mb4.8/19

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like NADN, NADN, NADN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like WILN, WILN, WILN, etc.

2d 5h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like CLDB Colider, AHID Auburn Hatcher, etc.

2020 SEP

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like ESDC Sonsea Array, MDTS Midlett, BMRD Mareduos, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like AVF Manteigas, MTE Mantegais, SMRF Signiane la Rot, etc.

CATC 02 05:22:38.1±0.4, 11°N, 2°E, 87W±, h10km, 2km, M3.7/39, MLv3.7/39, 12C-1D, Error ellipse: s-maj=4.1km s-min=2.8km, az=27.2, confirmed, Off coast of Costa Rica

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like NADN Granada, NADN NADN, COPN Copanite, etc.

IDC 02 05:27:20.6±2.1, 18.75S, 176.14W, h0km, mb3.8/3, mbmt3.8/3, Error ellipse: s-maj=60.2km s-min=46.6km az=10.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, QSPA South Pole Qui, etc.

SJA 02 05:33:35.7±0.7, 27.95S, 71.92W, h13km, ML3.6, MW3.6 GUC 02 05:33:41.2±0.8, 28.06S, 71.56W, h16km, 5km, ML2.9

ISC 02 05:33:37.1±0.7, 28.03S, 0.03, 71.70W, 0.06, h7km, 11km, n26, ±164.51, 2C-5D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like AC04 Llanos de Chal, AC04 Llanos de Chal, AC04 Llanos de Chal, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ILCN Santa Cruz, VRLE La Escandida, VORI VORI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like INSR Institute, DALR Institute, DALK Dainy, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SML Sawmill, COLA College, COLA COLA, etc.

IDC 02 07:22:46.5-1.7, 10.135x119.08E, h0km, mb3.8/1, mbtmp:3.5/5, ML3.4/4, Error ellipse: s-maj=46.1km s-min=13.7km az=69.0

DJA 02 07:22:52.1-0.6, 10.155x119.08E, h10km, M3.6/7, mb4.7/1, mb4.1/3, MLV3.3/7, Mw(mb)3.9/1

ISC 02 07:22:49.2-1.1, 10.155x119.14E, h0km, n16, az=15/16, Sumba region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WBSI Waikabubak, WBSI Waingapu, EASI Baing, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SKR Severo-Kuril's, SKR comp=E,2um,0.9s, SKR comp=N,2um,0.5s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H27K Steamboat, D27M Malcolm, D27M D27M, etc.

MOS 02 07:26:39.7-1.0, 52.22N, 157.45E, h145km, mb4.6/15, Error ellipse: s-maj=22km s-min=4.5km az=70.2

KRSC 02 07:26:40.0-0.8, 52.17N, 157.69E, h138km, mb4.2, IDC 02 07:26:41.0-0.8, 52.37N, 157.35E, h142km, mb3.9/10, mbtmp:4.1/2, Error ellipse: s-maj=25.8km s-min=13.3km az=142.0

NEIC 02 07:26:42.1-1.0, 52.3N, 157.5E, h143km, mb4.3/87, Error ellipse: s-maj=17.0km s-min=11.2km az=144.0

ISC 02 07:26:40.5-0.6, 52.19N, 157.62E, h137km, mb4.2, n206, az=11/208, mb4.3/59, ID, Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ASAK Asacha, MTRV Mutnovka, GTRL Gorehy, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like N15K Kwethluk, L16K Owhat River, M16K Timber Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CLC China Lake, CLC China Lake, NLU North Lily, etc.

Table with columns: KIV, EKA, TXAR, TXAR, WRA, WRA, ASAR, H03N2, H03N1, PLCA. Includes station names, coordinates, and performance metrics.

WEL 02 07:28:13.7d.0.6.37'S.4.17'E.1.7h,5km,M4.0/28,
ML4.0/28,MLV4.0/28,Error ellipse: s-maj=6.4km
s-min=3.0km az=31.5,confirmed
IDC 02 07:28:14.6.1.2.36.96S.177.07E,h0km,mb4.2/6,
mbmp4.1/7,ML3.1/1,MS3.4/6,Error ellipse: s-maj=31.8km
s-min=17.4km az=68.0
NOU 02 07:28:14.1.1.36.84S.177.13E,h6km,MLV4.4/15,Off E.
Coast of N. Island, N.Z.
NEIC 02 07:28:16.5.1.1.6.36.98S.0.07.177.14E.0.10h,10km,1km,
mb4.5/7,Error ellipse: s-maj=13.7km s-min=8.7km
az=30.0

ISC 02 07:28:13.7.1.6.36.79S.0.05.177.14E.0.03,h1km,10km,
n172.0122/171,mb4.5/12,MS3.5/2D,Off east coast of
North Island

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like White Island S, Matakaoa Point, etc.

Main station list table (continued) with columns: RTZ, Ruatahuna, RTZ, Ruatahuna, ABABZ, Army Bay, ALRZ, Allen Road, etc.

Table with columns: SNAVA, IAMB, IAMB, 07 39 38.4. Includes station names like VNA3, VNA2, VNA1, PLCA, CMAR, FINES.

IDC 02 07:43:41.2.0.8.61.98N.126.27W,h0km,mb3.3/5,
mbmp3.6/11,ML3.7/6,MS2.9/8,Error ellipse: s-maj=9.7km
s-min=9.1km az=124.0
PGC 02 07:43:42.5.0.1.61.92N.126.21W,h5km,ML3.9/21,
106km east of Tungsten, Ni Nu Territories - Nunavut,
Canada
ISC 02 07:43:41.8.0.6.62.00N.0.03.126.23W.0.03,h10km,n98,
c235/126,mb3.2/3,MS3.1/4,Northwest Territories

Code Station Name Az Phase ID Time Res

Main station list table (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like NAHA, KOTAN, WATSON LAKE, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Kurchatov, Warramunga Arr, Alice Springs, etc.

IDC 02 08:54:44.0.3.53.56N:87.68E, h0km, mbtmp2.7/2, ML2.4/2, Error ellipse: s-maj=27.4km s-min=20.3km az=64.0

ASRS 02 08:54:42.0.1.0.53.56N:87.68E, h0km, M2.7(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like I46RU, ZALV, ZALV, ZALV, KURBB, etc.

SOME 02 08:57:45.7.49.83N:82.08E ASRS 02 08:57:47.0.1.9.49.66N:81.68E, h0km, M2.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, IDC 02 08:57:50.0.1.2.49.71N:81.65E, h0km, mbtmp2.4/3, ML1.9/3, Error ellipse: s-maj=14.6km s-min=9.4km az=77.0

NNC 02 08:57:51.2.1.3.49.62N:81.96E, h19km, 15km, mb3.0, mpv2.6, Error ellipse: s-maj=12.0km s-min=9.2km az=123.0, Suspected Mining explosion, ISC 02 08:57:43.9.1.3.49.88N:0.05:82.21E:0.07, h0km, n8, #049:12, 4C-3D, Eastern Kazakhstan #0582:12, 6C-2D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KURK, KURKB, KURBB, etc.

ASRS 02 09:00:23.0.1.8.49.70N:81.63E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, IDC 02 09:00:27.6.1.2.49.75N:81.59E, h0km, mbtmp2.5/3, ML2.0/3, Error ellipse: s-maj=14.7km s-min=9.8km az=76.0

NNC 02 09:00:28.3.2.6.49.91N:81.96E, h0km, mb2.9, mpv2.5, Error ellipse: s-maj=34.6km s-min=9.6km az=46.0, Suspected Mining explosion, ISC 02 09:00:22.4.1.2.49.85N:0.05:82.17E:0.07, h0km, n8, #0582:12, 6C-2D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KURK, KURKB, KURBB, etc.

IDC 02 09:03:03.4.0.7.14.96S:176.73W, h0km, mb4.4/8, mbtmp4.4/9, ML3.4/1, Error ellipse: s-maj=34.2km s-min=12.6km az=140.0

GFZ 02 09:03:05.6.0.4.15.5:12x17.7W, h10km, M4.5/10, mb4.8/37, Error ellipse: s-maj=22.7km s-min=9.8km az=203.0

NEIC 02 09:03:06.3.1.3.14.6S:0.1:177.03W:0.07, h10km, 1km, mb4.8/37, Error ellipse: s-maj=22.7km s-min=9.8km az=203.0

GCMT 02 09:03:10.3.0.3.14.89S:0.02:176.47W:0.02, h12km, MV4.9/116, Moment Tensor Solution, s44, c53; s116, c169; Duration: 0 Moment tensor: Scale 10^16Nm; Mn-2.82e-06; Mm-2.33e-07; Mw-0.54e-06; Mn-0.24e-21; Mm-0.82e-06; Mf-0.38e-24; Best double couple: M2:81400x1016 NP:253.00000, 841.00000, 1.833.00000; NP2:63.00000, 849.00000, A-96.00000; Principal axes: T 2.7010, P1g4.0000, Azm158.0000; N 0.2190, P1g5.0000, Azm67.0000; P-2.9270, P1g84.0000; Azm285.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 02 09:03:07.0.5.14.71S:0.09:176.97W:0.07, h10km, n113, #09:99:99, mb4.7/39, 1D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FUGA, FUGA, FUGA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like J20K, Novinta River, Barnard Glacie, etc.

IDC 02 09:07:13.1.1.6.42.14N:143.87E, h0km, mb3.8/8, mbtmp3.8/10, ML2.6/2, Error ellipse: s-maj=37.7km s-min=23.0km az=87.0 NIED 02 09:07:23.1.1.41.99N:142.52E, h64km, MW3.8, Moment Tensor Solution, s3, Moment tensor: Scale 10^14Nm; Mn-4.40; Mm-0.96; Mw-3.44; Mw2.44; Mw-0.92; Mw4.21; Fault plane solution: M6:364000x1014 NP1: 0.193.00000, 0.20.00000, 1.77.00000; NP2: 27.00000, 0.870.00000, 1.95.00000.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CO01 Juntas del Tor, CO02 Maricunga, CO03 Juntas del Tor, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LPAZ La Paz, PSAL Palomas, CPUP Villa Florida, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like RSSD Black Hills, HWUT Hardware Ranch, PDAR Pinedale Array, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Station Name, Azimuth, Azimuth Error, Station Name, Azimuth, Azimuth Error. Includes stations like Waiomatatini S, Ngongotaha, Great Barrier, Mount Tarawera, Utuhina, Highlands Stat, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Station Name, Azimuth, Azimuth Error, Station Name, Azimuth, Azimuth Error. Includes stations like Lake Taylor, Incheonie, Oxford, McQueen's Vall, etc.

IDC 02 09:47:18.0-47.3, 0.47:60N:48:34E, h0km, Error ellipse: s-maj=300.0km s-min=127.8km az=168.0, Western

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res. Includes stations like DUBNA, FREYUNG, ZALESOVO.

NOU 02 09:50:45.0, 40:45S:176:78E, h40km, MLv3.4/12, North Island, New Zealand

WEL 02 09:50:47.1, 0.40:52S:177:7E, h12km, 2km, M3.3/29, ML3.3/22, MLv3.3/29, Error ellipse: s-maj=3.6km s-min=2.2km az=133.1, confirmed, North Island

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res. Includes stations like Porangahau Fir, North Tongarir, Dannevirke, Pawanui, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Station Name, Azimuth, Azimuth Error, Station Name, Azimuth, Azimuth Error. Includes stations like Mangatainoka R, McNeill Hill, Kaweka Forest, Black Hill Sta, etc.

IDC 02 09:52:16.2-2.9, 157:15N:176:31W, h0km, mb3.6/4, mbtmp3.6/4, Error ellipse: s-maj=190.1km s-min=33.1km az=148.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res. Includes stations like ASAR, NVAR, ILAR, PDAR, BRTR.

IDC 02 09:55:12.2-3.9, 53:50N:87:69E, h0km, mb2.9/2, ML2.3/2, Error ellipse: s-maj=35.3km s-min=20.2km az=65.0

ASRS 02 09:55:11.0-1.0, 9:53:54N:87:67E, h0km, M2.7(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res. Includes stations like ZALESOVO, ZALV, ZALV, KURBB, MKAR, MIKAR.

MOS 02 10:35:44.1, 8:0, 43:09N:145:82E, h52km, mb5.1/70, Error ellipse: s-maj=5.7km s-min=3.8km az=110.0

MOS Felt (III) at Goryachiy Plyazh, Lagunnoye, Yuzhno-Kuril'sk; (II) at Malokuril'skoye.

NIED 02 10:35:42.6, 43:04N:145:78E, h44km, MW4.7, Moment Tensor solution. s3 Moment tensor: Scale 10^16Nm; Mn:0.95; Mw:0.23; Mw:0.72; Mw:0.83; Mw:0.51; Mw:0.19;

Fault plane solution: M1:30000x10^16 NP1: 65.0/0000; 0.113, 0.0000; M2:19000x10^16 NP2: 57.0/0000; 0.113, 0.0000;

JMA 02 10:35:42.6, 43:03N:145:82E, h44km, 1km, MD4.8/40, MW4.7/40, OFF NEMURO PENINSULA

JMA Felt III at OFF NEMURO PENINSULA

BUI 02 10:35:42.6, 43:03N:145:85E, h69km, mb5.3/10, mb5.0/56, Ms4.5/10, Ms7.4/2/13

IDC 02 10:35:44.4, 8:1, 43:16N:145:79E, h49km, 18km, mb4.6/31, mbtmp4.8/38, ML3.8/5, MS3.8/63, Error ellipse: s-maj=11.3km s-min=11.3km az=147.0

BGR 02 10:35:43.8, 42:88N:145:56E, h65km, 3km, mb4.8 SKHL 02 10:35:44.0, 0.1, 43:10N:145:90E, h65km, 8km, mb6.1/7 SKHL Felt (III) at Yuzhno-Kuril'sk, Lagunnoye, Goryachiy Plyazh,

GFZ 02 10:35:44.9, 0.2, 43:14N:146:06E, h62km, Mb5.1/75, mb5.0/75, confirmed

NEIC 02 10:35:44.1, 1.1, 43:14N:146:06E, h45:8E:0.1, h56km, 7km, mb5.0/92, Error ellipse: s-maj=13.5km s-min=8.4km az=113.0

GCMT 02 10:35:46.4, 0.5, 42:99N:0:03, 145:83E:0.04, h47km, 1km, MW4.8/66, Moment Tensor solution. s29,c36; s66,c89; Duration: 0 Moment tensor: Scale 10^16Nm; Mr1:6.3E-17; Mw:0.52E-11; Mw:1.12E-10; Mw:1.02E-08; Mw:0.05E-07; Best double couple: M:1.944000x10^16

2d 10h

Table with columns for station name, frequency, and signal strength. Includes stations like MNK, MNR, MNL, etc.

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Table with columns for station name, frequency, and signal strength. Includes stations like ANN, ANA, ANP, etc.

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Table with columns for station name, frequency, and signal strength. Includes stations like MORC, ECSD, KRLC, etc.

2d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Juan Fernandez, Matopo, Lusatka, etc.

IOC 02 11:54:29.3, 3.5, 13.17N, 124.70E, h0km, mb3.6/4, mbtmp3.6/4, MS3.4/3, Error ellipse: s-maj=317.3km s-min=22.3km az=65.0

MAN 02 11:54:32.0, 13.01N, 124.21E, h16km, MS3.7, ISC 02 11:54:32.0, 13.01N, 124.21E, h16km, MS3.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Masbate, Medelin, Cebu, Palo, Guinayangan, Boac, Lapu-Lapu, etc.

SJA 02 12:03:19.1, 0.7, 27.73S, 71.73W, h12km, ML4.3, MW4.0, ICA 02 12:03:22.5, 0.8, 27.71S, 71.33W, h0km, mb4.1/5, mbtmp4.1/8, ML4.1/3, MS3.2/4, Error ellipse: s-maj=25.9km s-min=14.8km az=73.0

NEIC 02 12:03:23.7, 1.6, 27.78S, 0.03, 71.38W, 0.06, h18km, 4km, mb4.5/5, Mwr3.9/30, ML3.8(GUC), Error ellipse: s-maj=7.3km s-min=3.8km az=96.0, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mrb:5.0; Mw:0.85; Mww:7.37; Ms:3.62; Mww:0.86; Mw:4.00; Fault plane solution: N=92000-1014, NP1:bs160.740000; 363.920000; 1.64.250000; NP2:bs28.380000; 636.000000; 1.31.580000; Principal axes: P 2.2226, Plg62.0000; Azm30.0000; N -0.7789, Plg23.0000; Azm173.0000; P -8.4437, Plg15.0000; Azm269.0000;

NEIC 02 12:03:24.2, 27.78S, 71.40W, h2km, GUC 02 12:03:25.7, 0.5, 27.88S, 71.35W, h26km, 2km, ML3.8, ISC 02 12:03:21.2, 1.4, 27.77S, 0.02, 71.42W, 0.05, h1km, 9km, n100, s162, 111, mb4.4/4, MS4.3/4, 2C, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Llanos de Chal, Mina Casimiro, Copiapo, Las Campanas, El Transito, Pan de Azucar, etc.

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Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Maricunga, Tololo Observa, IPOC Station P, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Alice Springs, WAKE ISLAND, WARRAMUNGA, etc.

SJA 02 12:23:58.3, 0.7, 27.92S, 71.60W, h5km, 4km, ML3.6, MW3.4, GUC 02 12:24:04.5, 0.6, 28.05S, 71.27W, h30km, 2km, ML3.5, ISC 02 12:24:00.2, 1.4, 28.02S, 0.02, 71.41W, 0.06, h15km, 10km, n27, s195, 4/6, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Llanos de Chal, Mina Casimiro, Copiapo, Las Campanas, El Transito, Pan de Azucar, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like CO01 Juntas del Tor, AC02 Maricunga, AROD Rodeo, etc.

Table with columns: STKA, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like Stephens Creek, INKA Innaminka, WBOO Buckleboob, etc.

Table with columns: bazz=16, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like NIF, RMF, RMF, etc.

NOU 02 12:26:32.5, 19:65S:175:41W, h244km, mb4.4/16, Tonga Islands
NEIC 02 12:26:33.3, 1.5, 19:55S:02:175:60W:0:06, h224km, 12km, mb4.3/11, Error ellipse: s-maj=22.7km s-min=5.9km az=192.0

ISC 02 12:45:17.0, 1.0, 15:93S:03:173:9W:0.2, h100km, n15, 0:9717, mb3.8/7, Tonga Islands

BER 02 13:23:43.0, 2.5, 67:37N:22:52E, h0km, MLO.6, Suspected explosion
HEL 02 13:23:41.1, 0.1, 67:36N:22:60E, h0km, MLL.1, Explosion, Sweden

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like LBKA Tubou, NIUE Niue, MSVF Nonsavu, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like HNR Honiara, RPZ Rata Peaks, H11S2 WAKE ISLAND Hy 39.13, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like KLF Kolari, LANU Lantavaara, ERTU Ertisaerv, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like BKZ Black Stump Fm, KHZ Kahutara, EIDS Eidsvoll, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, GSPA South Pole Qui, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like TOF Tornio, KALU Kalix, KALU KALU, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like INKA Innaminka, WRR Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like SOMN Songino Array, MKAR Makanchi Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like ARAO ARAO, ARAO ARAO, ARAO ARAO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like WRA Warramunga Arr, GUMO Guam, MTN Manton Dam, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, KURBS Kurchoov Arra, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like BBOO Buckleboob, WBO Warramunga Arr, WBO WBO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like FAKI Fak Fak, FITZ Fitzroy Crossi, LUWI Luwuk, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like JMIC Jan Mayen, WRA Warramunga Arr, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like MSVF Nonsavu, AFI Afiamalu, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like BKI Bering, MKZ Mysz Kozymowa, BZGR Byzovnyanni-Gr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

NEIC 02 12:41:01.7, 1.1, 17:65S:02:178:3W:0:1, h588km, 15km, mb4.1/11, Error ellipse: s-maj=31.5km s-min=8.5km az=150.0

ISC 02 12:41:02.5, 0.8, 17:75S:02:178:4W:0:1, h600km, n23, 0:109/24, mb4.0/13, Fiji Islands region

ISC 02 13:31:28.2, 1.4, 19:85S:01:177:7W:0:1, h545km, 7km, mb4.2/19, Error ellipse: s-maj=24.7km s-min=11.0km az=139.0

ISC 02 12:56:25.0, 0.9, 35:71N:95:60E, h0km, mb3.6/5, mbmp3.6/10, ML3.2/5, MS3.0/4, Error ellipse: s-maj=91.0km s-min=16.3km az=61.0

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like AC06 Mina Casimiro, GO03 Copiapo, LCO Las Campanas, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like WRA Warramunga Arr, FITZ Fitzroy Crossi, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like WRA Warramunga Arr, FITZ Fitzroy Crossi, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like AFI Afiamalu, AFI 3.5nm, AFI 1.7nm, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like BRTR Keskin Array B, SCB 02 15:41:04.5, etc.

Main table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like NUSCO Nusco, VDS3 Muro Lucano, LIO3 Muro Lucano, etc.

Main table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like TRIV comp=N,46um,0.5s, TRIV comp=N,75um,1.2s, etc.

Table with columns: ELS, NARO, ARCI, VAY, BRTR, HFS, HFS, NOA, FINES, TORO, KURBB, ZALV, MKAR, SONMI. Rows include station names like Abbazia di Nar, Arcosido, Velandovo, etc.

DJA 02 15:59:46.0±0.4, 8°S±3'12"4E±1, h179km, 5km, M4.0/13, mB5.1/2, mb4.0/6, MLV4.0/13, Mw(mB)4.5/2

ISC 02 15:59:56.9±0.2, 8°34'S±124.04E±266km, 55km, mb2.7/1, mbtmp3.6/3, Error ellipse: s-maj=175.9km s-min=17.5km az=59.0

ISC 02 15:59:50.0±1.4, 8°55'02"±123.8'E±0'1, h200km, n11, ±1962/10, Flores region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Rows include SOEI, SOEI, MMRI, etc.

IDC 02 16:02:34.3±1.2, 48°58'S±105°85'E±h0km, mb4.1/5, mbtmp4.1/5, MS3.7/9, Error ellipse: s-maj=53.3km s-min=21.1km az=114.0

NEIC 02 16:02:36.1±0.8, 48°7'S±106°0'E±0.3, h10km, 2km, mb4.3/8, Error ellipse: s-maj=40.7km s-min=9.3km az=37.0

ISC 02 16:02:35.8±1.0, 48°7'S±106°0'E±0.3, h10km, n26, ±0538/16, mb4.2/8, MS3.7/9, Southeast Indian Ridge

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Rows include H01W2, H01W1, H01W3, etc.

IDC 02 16:06:55.0±45.7, 0.54°05N±42°39'E±h0km, Error ellipse: s-maj=172.1km s-min=84.4km az=133.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Rows include I43RU, I31KZ, I26DE, etc.

SJA 02 16:14:36.3±0.8, 30°27'S±71°56'W, h8km, 4km, ML3.7, MW3.3

GUC 02 16:14:38.1±0.7, 30°32'S±71°39'W, h50km, 3km, ML3.7, ISC 02 16:14:36.2±1.6, 30°28'S±0°03'71°56'W±0.05, h0km±11km, n29, ±1559/54, Near coast of central Chile

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Rows include Fray Jorge, Tololo Observa, El Pedregal, etc.

PAS 02 16:18:31.7±1.1, 36°03'N±0°10'±117.77W±0.01, h2km, 1km, Error ellipse: s-maj=1.5km s-min=1.4km az=222.0

NEIC 02 16:18:31.2±1.1, 36°03'N±0°04'±117.77W±0.01, h4km, 2km, ML3.3/156, Mw3.5/4(PAS), Error ellipse: s-maj=1.5km s-min=0.5km az=90.0

ISC 02 16:18:31.6±0.9, 36°04'N±0°01'±117.77W±0.02, h5km±6km, n85, ±0889/110, California-Nevada border region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Rows include WCSM, WSPM, WVRM, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Rows include WHFM, WBSM, WSM, etc.

2d 16h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Sierra Juarez, Battle Mountain, North Rim, Sutter Butte, Mohawk Valley, etc.

SJA 02 16:21:36.3-0.8,27:81Sx71:81W,h13km,3km,ML4.3,MW4.3

ICD 02 16:21:38.2-0.9,27:76Sx71:77W,h0km,mb4.3/5,mbtm4.1/8,ML3.8/3,MS3.5/5,Error ellipse: s-maj=24.4km s-min=15.8km az=79.0

NEIC 02 16:21:39.1-1.8,27:84S/0:05:71:61W,0:05:h11km,3km,mb4.4/2,Mw4.2/41,ML3.9(GUC),Error ellipse: s-maj=7.3km s-min=6.0km az=130.0, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mrr:5.4; Mss:0.11; Mss:1.65; Mss:0.68; Mss:0.83; Mss:2.03; Fault plane solution: M2:80000x10^15 Np1:47,45000*0.29,02000*,140,93000*. NP2:172,82000*0.872,20000*,1.66,70000*. Principal axes: T 2.8708, P1657.0000*, Azm52.0000*, N -0.1581, P1622.0000*, Azm180.0000*, P 2.7127, P1624.0000*, Azm11.0000*.

NEIC 02 16:21:39.1-27:84Sx71:60W,h13km, GUC 02 16:21:41.5-0.8,27:96Sx71:53W,h26km,4km,ML4.0

ISC 02 16:21:37.1-1.5,27:92S/0:02:71:65W,0:05:h3km,gkm,n96,az506/112,mb4.4/5,1C-2D,Near coast of northern Chile

Main table of station data for Chile, including stations like Llanos de Chal, Copiapo, Las Campanas, etc.

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Main table of station data for various regions, including stations like Cerro Villuncu, Cerro La Cruz, Zonda, etc.

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Table of station data for various regions, including stations like Kununurra, Fitzroy Crossi, Fitzroy Crossi, etc.

ICD 02 16:33:04.9-3.5,9:05Sx115:99E,h0km,mb3.2/3,mbtm3.3/3,Error ellipse: s-maj=244.6km s-min=27.5km az=49.0

DJA 02 16:33:10.9-0.2,8'Sx2'x11'E,az,h10km,M3.8/18,MLV3.8/18

ISC 02 16:33:10.3-0.9,7:91Sx0:05:117:49E,0:04,h10km,n21,az584/23,Bali Sea

Table of station data for Bali Sea region, including stations like Plampang, Kabupaten Dempo, Taliwang, Sumb, etc.

SJA 02 16:41:00.4-0.7,27:84Sx71:79W,h5km,3km,ML4.5,MW4.1

GFZ 02 16:41:02.6-0.2,28'Sx2'x7'W,az,h10km,M4.5/20,mb4.8/20

ICD 02 16:41:03.4-0.6,27:79Sx71:50W,h0km,mb4.4/10,mbtm4.3/15,ML4.0/5,MS3.6/13,Error ellipse: s-maj=19.0km s-min=11.9km az=80.0

NEIC 02 16:41:04.7-2.1,27:91S/0:04:71:56W,0:05:h10km,1km,mb4.8/34,Mw4.4/45,ML4.0(GUC),Error ellipse: s-maj=7.7km s-min=5.3km az=130.0, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mrr:8.9; Mss:0.78; Mss:3.67; Mss:0.54; Mss:0.12; Mss:2.66; Fault plane solution: M4:31000x10^15 Np1:171,74000*,0.65,18000*,0.80,01000*. NP2:145,51000*,826,63000*,1.110,57000*. Principal axes: T 3.9301, P1668.0000*, Azm62.0000*, N 0.6845, P1695.0000*, Azm176.0000*, P -4.6147, P1620.0000*, Azm269.0000*.

NEIC 02 16:41:04.5-27:92Sx71:58W,h10km GUC 02 16:41:06.1-0.6,27:97Sx71:51W,h21km,3km,ML4.0

ISC 02 16:41:02.9-0.4,27:87S/0:02:71:60W,0:04,h10km,n195,az179/212,mb4.7/25,MS3.8/10,10C-4D,Near coast of northern Chile

Table of station data for Chile, including stations like Llanos de Chal, Copiapo, Las Campanas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BBSI RPN, LBFI Labuhan Bajo, KKSII Kolaka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MKUR Makanchi Array, KURB Kurchatov, BVAR Borovoye Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ILBA Ilam Barvizeh, ILBA Ilam Barvizeh, ILBA Ibril, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like KLBR Kellerberrin, KULM Kulim, and various others.

Table with columns for station code, name, frequency, and signal strength. Includes stations like LYN LuoYang, TNCH TengChong, XAN Xi'an, and various others.

Table with columns for station code, name, frequency, and signal strength. Includes stations like AFI Afiamalu, ZAK Zakamensk, MOY Mondy, and various others.

2d 17h

Table of astronomical observations for 2d 17h, listing station names (e.g., ZALV, ZALV, ZALV), object names (e.g., Zalesovo Beam, Zalesovo Beam), and various parameters like magnitude, position, and error.

2020 SEP

Table of astronomical observations for 2020 SEP, listing station names (e.g., J19K, G19K, E19K), object names (e.g., Poorman, Purcell Mounta, Redstone River), and various parameters like magnitude, position, and error.

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Table of astronomical observations for 146, listing station names (e.g., OBN, INK, INK), object names (e.g., comp=Z,8.0nm,1.0s), and various parameters like magnitude, position, and error.

WEL 02 17:49:06.9-0.8,33'S=15°17'9"W, h142km,30km, M4.1/6, mB4.5/5, ML4.1/5, MLV4.2/6, Mw(mB)3.8/5, Error ellipse: s-maj=49.0km s-min=4.3km az=112.5, confirmed, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Res. Lists various stations and their associated data.

SJA 02 17:59:37.0-0.7,27:85Sx71:30W, h27km,2km, ML3.6, MW3.8

GUC 02 17:59:40.2-0.8,27:90Sx71:11W, h30km,2km, ML3.6

ISC 02 17:59:39.1-1.6,27:81Sx0:03-71:12W,0.05h, h13km,11km, n27,-259/90,1-C-3D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Res. Lists various stations and their associated data.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PNL Peninsula, I26K Coal Creek Min, H25L Birch Creek, etc.

SJA 02 18:34:30.6:0.6,28.04S:71.86W,h11km,ML3.5,MW3.2
GUC 02 18:34:34.1:0.8,28.12S:71.52W,h27km,4km,ML2.9
ISC 02 18:34:31.2:2.28,05S:0.03:71.65W,0.07,h6km,14km,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AC04 Llanos de Chal, LCO Las Campanas, LCO Las Campanas, etc.

UPA 02 18:49:29.8:1.8,7.15N:82.66W,h0km,5km,MW4.6, Presumed earthquake

RSNC 02 18:49:30.9:0.0,7.1N:8.8'2W',h-1km,8km,M4.5,mB5.0, mb4.7,ML3.9,MLV4.9,Mw(mB)4.3

UCR 02 18:49:32.9:0.6,7.25N:82.44W,h26km,8km,MW5.0, mB4.9(NIC),mB4.9(NIC),Presumed earthquake

IDC 02 18:49:33.8:0.7,7.53N:82.28W,h0km,mb4.3/12, mbmp4.3/16,ML3.1/5,MS3.6/26,Error ellipse: s-maj=26.6km s-min=11.4km az=36.0

CATAC 02 18:49:36.5:0.8,8.1N:4.8'8'3W',h4km,4km,M4.9/19, mb5.1/1,mB5.1/1,MLV4.8/19,Mw(mB)4.4/1,Error ellipse: s-maj=9.5km s-min=3.2km az=7.9,confirmed

GFZ 02 18:49:37.1:0.2,8.1N:3.8'2W',h10km,M4.7/30, mb4.7/30

NEIC 02 18:49:39.2:1.6,7.72N:0.03:82.42W:0.07,h23km,6km, mb4.6/156,Error ellipse: s-maj=10.2km s-min=4.1km az=91.0

ISC 02 18:49:36.6:0.5,7.42N:0.04:82.36W:0.03,h20km,4km, h315,1994/294,mb4.6/108,MS3.6/22,8C-4D,South of Panama

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like LIMO3 Limones, PTPA Petro Terminal, PTPM Petroterminal, etc.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CACAO AML, CACAO AML, CACAO EI Cacao, Vera, etc.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like UREC San Jos de Ur, HELC Santa Helena, HELC Santa Helena, etc.

2d 19h

Table with columns: ID, Name, Comp, Az, Phase, ID, Time, Res. Includes entries like Saucer Basin, Paradox Valley, Skein Mesa, etc.

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Table with columns: ID, Name, Comp, Az, Phase, ID, Time, Res. Includes entries like Minto, Yukon-K, Kavik River, MLY, etc.

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Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res. Includes entries like Llanos de Chal, Copiapo, LCO, etc.

IDC 02 19:27:40.6 ± 1.1, 14.735° 177.76W, h0km, mb3.8/5, mbtmp3.8/6, ML4.7/1, MS3.4/3, Error ellipse: s-maj=57.9km

ISC 02 19:27:42.8 ± 1.1, 14.735° 177.76W, h0km, n14, s-min=23.3km az=151.0

ASAR Alice Springs 46.35 251 P 19 36 08.8 -0.2

JHJ Hachiojima 2 62.47 320 LR 19 59 48.3

QSPA South Pole Qui 75.36 180 P 19 39 25.2 -0.7

TXAR Lajitas Array 83.75 58 P 19 40 13.0 +0.8

PDAR Pinedale Array 48.59 43 P 19 40 16.1 -0.2

IDC 02 19:44:48.2 ± 2.2, 3° 65'S, 128° 51'E, h0km, mb3.5/2, mbtmp3.4/3, ML3.0/1, Error ellipse: s-maj=143.7km

DJA 02 19:44:48.1 ± 0.4, 3° 53'S, 130° 13'E, h10km, 3km, M3.2/12, ML3.2/12

ISC 02 19:44:47.3 ± 1.1, 3.02S, 07° 130' 47E, h10km, n9, s-min=29.1km az=68.0

ASAR Alice Springs 20.79 171 P 19 49 29.2 +0.4

MKAR Makanchi Array 65.20 326 P 19 55 27.7 -1.2

WEL 02 19:44:59.9 ± 0.6, 37° 54' ± 17.7E, h5km, M4.5/22, ML4.4/22, MLV4.5/22, Error ellipse: s-maj=5.7km

IDC 02 19:44:59.5 ± 1.0, 36.78S, 177.19E, h0km, mb4.3/9, mbtmp4.3/10, ML3.2/1, MS3.8/17, Error ellipse: s-maj=27.3km s-min=15.9km az=70.0

NOU 02 19:44:59.7, 36.82S, 177.15E, h7km, MLV4.6/10, Off E. Coast of N. Island, N.Z.

WEL 02 19:45:00.1, 36.83S, 177.11E, ML4.4, Mw4.5, Moment Tensor Solution, Moment Tensor: Scale 10^15Nm, M2.35, Mw=0.14, Mw3.66, Mw=1.56, Mw4.03, Mw4.00;

NEIC 02 19:45:02.1 ± 1.8, 37.0S, 0° 1' 17.7E, h10km, 1km, mb4.4/11, Error ellipse: s-maj=18.0km s-min=7.4km az=62.0

GCMT 02 19:45:06.1 ± 0.5, 36° 30'S, 0° 02' 17.7E, h21km, 1km, Mw4.8/77, Moment Tensor Solution, s1, c11, s77, 000;

Duration: 0 Moment tensor: Scale 10^16Nm; Mw=0.97; 17; Mw=0.48; 09; Mw=1.45; 13; Mw=0.39; 16; Mw=1.35; 07; Mw=0.07; 18; Best double couple: Mw1.80700x10^16

NP1: 348.00000°, 86.00000°, -1.153.00000°. NP2: 245.00000°, 86.00000°, -30.00000°. Principal axes: T 6.8493, Plg2.0000°, Azm288.0000°; N -0.1157, Plg5.0000°, Azm166.0000°; P -6.7336, Plg3.0000°, Azm33.0000°; Station used: BKZ GRZ HAZ HIZ KZC

MAKING MWZ MKZ OTVZ PUX RATZ RTZ OBLIQUE FAULTING

NEIC 02 19:45:02.1 ± 1.8, 37.0S, 0° 1' 17.7E, h10km, 1km, mb4.4/11, Error ellipse: s-maj=18.0km s-min=7.4km az=62.0

WEL 02 19:44:59.9 ± 0.6, 37° 54' ± 17.7E, h5km, M4.5/22, ML4.4/22, MLV4.5/22, Error ellipse: s-maj=5.7km

IDC 02 19:44:59.5 ± 1.0, 36.78S, 177.19E, h0km, mb4.3/9, mbtmp4.3/10, ML3.2/1, MS3.8/17, Error ellipse: s-maj=27.3km s-min=15.9km az=70.0

NOU 02 19:44:59.7, 36.82S, 177.15E, h7km, MLV4.6/10, Off E. Coast of N. Island, N.Z.

WEL 02 19:45:00.1, 36.83S, 177.11E, ML4.4, Mw4.5, Moment Tensor Solution, Moment Tensor: Scale 10^15Nm, M2.35, Mw=0.14, Mw3.66, Mw=1.56, Mw4.03, Mw4.00;

Duration: 0 Moment tensor: Scale 10^16Nm; Mw=0.97; 17; Mw=0.48; 09; Mw=1.45; 13; Mw=0.39; 16; Mw=1.35; 07; Mw=0.07; 18; Best double couple: Mw1.80700x10^16

NP1: 348.00000°, 86.00000°, -1.153.00000°. NP2: 245.00000°, 86.00000°, -30.00000°. Principal axes: T 6.8493, Plg2.0000°, Azm288.0000°; N -0.1157, Plg5.0000°, Azm166.0000°; P -6.7336, Plg3.0000°, Azm33.0000°; Station used: BKZ GRZ HAZ HIZ KZC

MAKING MWZ MKZ OTVZ PUX RATZ RTZ OBLIQUE FAULTING

NEIC 02 19:45:02.1 ± 1.8, 37.0S, 0° 1' 17.7E, h10km, 1km, mb4.4/11, Error ellipse: s-maj=18.0km s-min=7.4km az=62.0

GCMT 02 19:45:06.1 ± 0.5, 36° 30'S, 0° 02' 17.7E, h21km, 1km, Mw4.8/77, Moment Tensor Solution, s1, c11, s77, 000;

Duration: 0 Moment tensor: Scale 10^16Nm; Mw=0.97; 17; Mw=0.48; 09; Mw=1.45; 13; Mw=0.39; 16; Mw=1.35; 07; Mw=0.07; 18; Best double couple: Mw1.80700x10^16

NP1: 348.00000°, 86.00000°, -1.153.00000°. NP2: 245.00000°, 86.00000°, -30.00000°. Principal axes: T 6.8493, Plg2.0000°, Azm288.0000°; N -0.1157, Plg5.0000°, Azm166.0000°; P -6.7336, Plg3.0000°, Azm33.0000°; Station used: BKZ GRZ HAZ HIZ KZC

MAKING MWZ MKZ OTVZ PUX RATZ RTZ OBLIQUE FAULTING

NEIC 02 19:45:02.1 ± 1.8, 37.0S, 0° 1' 17.7E, h10km, 1km, mb4.4/11, Error ellipse: s-maj=18.0km s-min=7.4km az=62.0

GCMT 02 19:45:06.1 ± 0.5, 36° 30'S, 0° 02' 17.7E, h21km, 1km, Mw4.8/77, Moment Tensor Solution, s1, c11, s77, 000;

Duration: 0 Moment tensor: Scale 10^16Nm; Mw=0.97; 17; Mw=0.48; 09; Mw=1.45; 13; Mw=0.39; 16; Mw=1.35; 07; Mw=0.07; 18; Best double couple: Mw1.80700x10^16

NP1: 348.00000°, 86.00000°, -1.153.00000°. NP2: 245.00000°, 86.00000°, -30.00000°. Principal axes: T 6.8493, Plg2.0000°, Azm288.0000°; N -0.1157, Plg5.0000°, Azm166.0000°; P -6.7336, Plg3.0000°, Azm33.0000°; Station used: BKZ GRZ HAZ HIZ KZC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and a list of station identifiers and their associated frequencies and parameters.

Table with columns: Station Name, Frequency, and a list of station identifiers and their associated frequencies and parameters.

Table with columns: Station Name, Frequency, and a list of station identifiers and their associated frequencies and parameters.

Table with columns: Day, Name, Time, Az, El, Status, and other parameters. Includes stations like BSEG Bad Segeberg, NB2 NORSAR Subarra, NOA NORSAR Array B, etc.

Table with columns: BRG, Name, Time, Az, El, Status, and other parameters. Includes stations like Berggiesshobel, KBA Koelnbreinsper, GEC2 GERES Array B, etc.

Table with columns: QSPA, Name, Time, Az, El, Status, and other parameters. Includes stations like South Pole Qui, M29 M29, M30 M30, etc.

IDC 02 21:28:44.3±1.3 6:12S: 152°56E, h0km, mb3.9/7, mbmp3.9/8, ML2.3/1, MS4.0/2, Error ellipse: s-maj=33.0km s-min=14.6km az=114.0

ISC 02 21:28:50.7±1.4 6:05S: 0:152E-0:2, h38km, n12, o071/12, mb3.9/7, New Britain region

Table with columns: Code, Station Name, Az, El, Status, and other parameters. Includes stations like KRVT Keravat, PMG Port Moresby, etc.

IDC 02 21:33:09.8±0.8 38°21'N: 0°07'W, h0km, mb3.7/9, mbmp3.8/14, ML3.5/5, Error ellipse: s-maj=15.7km s-min=11.4km az=9.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like White Mountain, Susitna One, Pilot Rock, etc.

TIF 02:22:08:32.2, 38.74N, 41.98E, h4km, 1km
ISK 02:22:08:32.3, 38.73N, 41.97E, h5km, ML3.8/1.8
AFAD 02:22:08:32.8, 38.76N, 42.00E, h5km, 3km, MW3.7

IDC 02:22:08:33.5, 1.6, 38.70N, 41.93E, h0km, mb3.7/1.1
mbtmp3.3/5, ML3.0/3, Error ellipse: s-maj=29.7km

s-min=15.5km az=133.0
ISC 02:22:08:33.0, 1.2, 38.74N, 0.02, 41.98E, 0.02, h0km, 10km, n57, r13/76, Turkey

Main table of station data for the first section, including stations like GURO, BLIS, MUMM, etc.

UPA 02:22:30:58.2, 1.4, 7.43N, 81.13W, h0km, 2km, MW3.8, Fault plane solution: NP1, 198.70000, 81.20000, 1.54, 0.00000, Presumed earthquake
CATAC 02:22:30:59.3, 0.7, 7.5N, 81.1W, h118km, 10km, M3.9/1.2, mb4.1/1.1, MLV3.7/1.2, Error ellipse: s-maj=11.6km

Presumed earthquake
ISC 02:22:30:58.5, 1.2, 7.40N, 0.04, 81.13W, 0.02, h10km, 6km, n47, r108/82, 4C, 7D, Panama

Main table of station data for the second section, including stations like EI Cacao, Vera, Guarumal, etc.

NOU 02:22:37:22.7, 16.11S, 173.35W, h0km, mb5.1/1.1, Tonga Islands

BGR 02:22:38:21.6, 25.04S, 178.21W, h33km
IDC 02:22:39:24.8, 1.4, 23.22S, 179.72W, h543km, 14km, mb3.6/2.0, mbtmp4.5/2.3, Error ellipse: s-maj=14.8km

s-min=10.6km az=122.0
NEIC 02:22:39:24.7, 1.8, 23.07S, 0.08, 179.61W, 0.09, h543km, 6km, mb4.4/4.6, Error ellipse: s-maj=14.4km

s-min=8.4km az=46.0
ISC 02:22:39:23.7, 0.3, 23.31S, 0.05, 179.78W, 0.06, h532km, n239, r148/264, mb4.3/4.7, 23C-11D, South of Fiji Islands

Main table of station data for the third section, including stations like Nonsavu, Raoul Island, Green Lake, etc.

Main table of station data for the fourth section, including stations like South Karori, Quartz Range, Nelson, etc.

2d 23h

Table of astronomical observations for 2d 23h, listing station names, coordinates, and observation times.

2020 SEP

Main table of astronomical observations for 2020 SEP, listing station names, coordinates, and observation times.

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Table of astronomical observations for 158, listing station names, coordinates, and observation times.

WVPI	comp=Z,2.0nm,0.5s	AML	AML				
FAKI	Fak Fak 8.58 286	P	Pn	23 27 41.1 -0.2			
FAKI	Fak Fak 8.58 286	P	Pn	23 27 41.5 +0.1			
FAKI	Fak Fak 8.58 286	P	Pn	23 27 42.9 +1.6			
SAUI	Saumlaki 9.50 254	Pn	Pn	23 27 52.9 -1.1			
SAUI	Saumlaki 9.50 254	P	Pn	23 27 57.2 +3.2			
SAUI	Saumlaki 9.50 254	P	Pn	23 28 04.1 -0.2			
BNDI	Bandanaira 10.59 274	P	Pn	23 28 11.9 +3.0			
KDU	Kakadu 10.76 227	P	Pn	23 28 10.5 -0.7			
KDU	Kakadu 10.76 227	P	Pn	23 28 11.4 -0.4			
RABL	Masohi 11.68 85	Pn	Pn	23 28 24.7 +0.6			
MSAI	Masohi 11.71 279	P	Pn	23 28 24.9 +0.6			
MTN	Manton Dam 11.86 231	P	Pn	23 28 26.5 +0.2			
MTN	Manton Dam 11.86 231	S	Pn	23 28 37.6 -1.3			
MTN	Manton Dam 11.86 231	P	Pn	23 28 45.1 -0.2			
MTSU	Mount Surprise 13.23 164	P	Pn	23 28 47.3 +2.2			
MTSU	Mount Surprise 13.23 164	P	Pn	23 28 47.2 +2.2			
MTSU	Mount Surprise 13.23 164	P	P	23 28 53.7 -1.3			
NLAI	Namlea 13.53 278	P	Pn	23 28 50.7 +1.6			
LBMI	Labuha 13.80 289	P	Pn	23 28 54.6 +1.7			
TNTI	Ternate 14.46 295	Pn	Pn	23 29 01.1 +0.9			
TNTI	Ternate 14.46 295	P	Pn	23 29 02.7 +0.8			
SANI	Sanana 14.85 282	P	Pn	23 29 05.5 -1.7			
SANI	Sanana 14.85 282	P	Pn	23 29 08.8 +1.6			
QIS	Mount Isa 15.13 183	P	Pn	23 29 09.4 -1.5			
QIS	Mount Isa 15.13 183	P	Pn	23 29 09.1 -1.9			
QIS	Mount Isa 15.13 183	P	Pn	23 29 14.7 +3.8			
KNRA	Kununurra 15.42 227	P	Pn	23 29 11.9 -2.9			
KNRA	Kununurra 15.42 227	P	Pn	23 29 11.6 -3.2			
KNRA	Kununurra 15.42 227	P	Pn	23 29 10.8 -4.0			
WBO	Warrungarra Arr 15.50 202	P	Pn	23 29 13.0 -2.8			
WRAB	Tennant Creek 15.67 202	ceP	pmax	23 29 16.3 -1.8			
WRAB	Tennant Creek 15.67 202	P	Pn	23 29 21.6 +3.6			
CTA	Charters Tower 15.67 160	P	Pn	23 29 21.2 +3.1			
CTA	Charters Tower 15.67 160	P	Pn	23 29 19.1 +1.3			
CTA	Charters Tower 15.67 160	P	Pn	23 32 11.4 -0.4			
CTA	Charters Tower 15.67 160	P	Pn	23 33 52.9			
CTA	Charters Tower 15.67 160	P	Pn	23 36 09.4			
CTA	Charters Tower 15.67 160	AML	AML	23 29 17.9 -0.2			
CTA	Charters Tower 15.67 160	P	Pn	23 29 17.9 -0.2			
CTA	Charters Tower 15.67 160	P	Pn	23 29 25.3 +3.1			
WRA	Warrungarra Arr 15.68 202	Pn	Pn	23 29 15.9 -2.3			
WRA	Warrungarra Arr 15.68 202	S	Pn	23 32 00.7 -1.1			
WRA	Warrungarra Arr 15.68 202	Lg	Lg	23 33 47.5			
WRA	Warrungarra Arr 15.68 202	AML	AML	23 29 17.8 -0.4			
WRA	Warrungarra Arr 15.68 202	P	Pn	23 29 16.5 -1.7			
WRA	Warrungarra Arr 15.68 202	P	Pn	23 29 29.3 -1.7			
WRA	Warrungarra Arr 15.68 202	P	Pn	23 29 33.9 +2.9			
WRA	Warrungarra Arr 15.68 202	P	Pn	23 29 35.2 +4.1			
MNI	Manado 17.04 293	P	Pn	23 29 36.5 +0.9			
BBSI	Bau Bau 17.85 269	P	Pn	23 29 48.7 +0.9			
KDI	Kendari 17.88 274	P	Pn	23 29 48.2 +2.2			
LWUI	Luwuk 18.21 283	P	Pn	23 29 47.1 -3.0			
LWUI	Luwuk 18.21 283	P	Pn	23 29 52.1 +2.0			
LWUI	Luwuk 18.21 283	P	Pn	23 29 53.2 +3.1			
MMRI	Maumere 18.41 259	P	P	23 29 50.0 -2.6			
MMRI	Maumere 18.41 259	P	P	23 29 53.6 +1.0			
MMRI	Maumere 18.41 259	P	P	23 29 54.9 +2.3			
GTOI	Gorontalo 18.45 288	P	P	23 29 55.4 +2.4			
EDFI	Ende Flores 18.47 259	P	P	23 29 59.7 +0.9			
AS06	Alice Springs 19.24 198	P	P	23 30 03.4 +1.8			
AS15	Alice Springs 19.24 198	P	P	23 30 03.6 +1.9			
AS17	Alice Springs 19.25 198	P	P	23 30 04.2 +2.5			
FITZ	Fitzroy Crossi 19.26 228	P	P	23 30 01.0 -0.8			
FITZ	Fitzroy Crossi 19.26 228	P	P	23 30 01.2 -0.7			
FITZ	Fitzroy Crossi 19.26 228	P	P	23 30 01.1 -0.7			
FITZ	Fitzroy Crossi 19.26 228	S	Pn	23 33 23.6 -1.5			
FITZ	Fitzroy Crossi 19.26 228	Lg	Lg	23 35 46.5			
FITZ	Fitzroy Crossi 19.26 228	LR	LR	23 37 47.2			
FITZ	Fitzroy Crossi 19.26 228	AML	AML	23 29 59.5 -2.4			
FITZ	Fitzroy Crossi 19.26 228	P	P	23 30 05.2 +3.4			
AS31	Alice Springs 19.27 199	P	P	23 30 04.3 +2.3			
AS31	Alice Springs 19.27 199	P	P	23 30 04.4 +2.3			
AS31	Alice Springs 19.27 199	P	P	23 30 01.6 -0.4			
ASAR	Alice Springs 19.27 199	P	P	23 30 02.8 +0.7			
ASAR	Alice Springs 19.27 199	S	Pn	23 33 30.7 -8.6			
ASAR	Alice Springs 19.27 199	Lg	Lg	23 35 50.5			
ASAR	Alice Springs 19.27 199	LR	LR	23 38 11.5			
ASAR	Alice Springs 19.27 199	AML	AML	23 30 01.7 -0.3			
AS09	Alice Springs 19.30 198	P	P	23 30 04.3 +2.1			
GUMO	Guam 19.32 13	LR	LR	23 37 06.2			
GUMO	Guam 19.32 13	P	P	23 30 02.4 -0.1			
GUMO	Guam 19.32 13	I	Iamb	23 30 02.4 -0.1			
GUMO	Guam 19.32 13	P	Pn	23 30 09.0 +5.5			
APSI	Apung 19.33 283	P	P	23 30 01.6 -1.1			
DAV	Davao City (W) 19.35 310	LR	LR	23 37 27.3			
DAV	Davao City (W) 19.35 310	P	P	23 30 01.9 -1.0			
DAV	Davao City (W) 19.35 310	I	Iamb	23 30 06.4			
HNR	Honiara 19.70 103	P	P	23 30 08.4 +1.7			
HNR	Honiara 19.70 103	P	P	23 30 08.7 +2.0			
HNR	Honiara 19.70 103	pmax	pmax				
HNR	Honiara 19.70 103	P	P	23 30 08.7 +2.0			

HNR	comp=Z,2.10nm,0.7s	Iamb	Iamb	23 30 21.0			
HNR	Honiara 19.70 103	P	Pn	23 30 11.2 +3.0			
BSSI	Bau Bau 19.92 267	P	P	23 30 12.3 +3.1			
WSI	Waigapu 20.48 257	P	P	23 30 17.2 +2.0			
KAPI	Kappang 20.67 270	P	P	23 30 18.3 +1.1			
KAPI	Kappang 20.67 270	P	P	23 30 19.3 +2.0			
KAPI	Kappang 20.67 270	S	P	23 30 16.4 -0.8			
KAPI	Kappang 20.67 270	Iamb	Iamb	23 30 30.2			
KAPI	Kappang 20.67 270	P	P	23 30 19.5 +2.3			
LBTI	Labuan Bajo 20.69 281	P	P	23 30 19.3 +1.8			
TOLIZ	Tolitoli 20.72 288	Iamb	Iamb	23 30 18.3 -1.5			
TOLIZ	Tolitoli 20.72 288	P	P	23 30 17.5 -0.3			
MKS	Makassar 20.94 269	P	P	23 30 20.0 -0.2			
PCPI	Palu 21.10 281	P	P	23 30 23.4 +1.5			
SCPH	Sulawesi 21.21 315	eP	eP	23 30 21.5 -1.6			
QLP	Qulipie 21.40 171	P	P	23 30 27.1 +2.1			
QLP	Qulipie 21.40 171	P	P	23 30 26.6 +1.8			
QLP	Qulipie 21.40 171	P	P	23 30 26.8 +1.6			
PATS	Pohnpei 21.52 56	P	P	23 30 34.1 +7.7			
PATS	Pohnpei 21.52 56	P	P	23 30 34.9 +8.6			
PATS	Pohnpei 21.52 56	P	P	23 30 27.6 +1.2			
MMSI	Mamuju 21.70 276	P	P	23 30 27.8 -0.6			
DCPH	Dipolog City 22.01 309	eP	eP	23 30 33.6 +2.0			
DBNI	Dabuan 22.24 361	P	P	23 30 34.8 +0.4			
INKA	Innaminka 22.26 179	Iamb	Iamb	23 30 33.9 -0.3			
TBP	Taqbiran 22.33 312	eP	eP	23 30 36.1 +1.0			
EIDS	Eidsvold 22.33 154	P	P	23 30 36.2 +1.2			
EIDS	Eidsvold 22.33 154	P	P	23 30 36.9 +1.8			
EIDS	Eidsvold 22.33 154	P	P	23 30 34.8 -0.3			
EIDS	Eidsvold 22.33 154	P	P	23 30 36.7 +1.7			
PLP	Palo 22.54 317	eP	eP	23 30 36.8 -0.6			
WRKA	Warakuma 22.80 210	P	P	23 30 40.6 +0.5			
WRKA	Warakuma 22.80 210	P	P	23 30 40.3 +0.2			
PLAI	Plampang 22.81 260	P	P	23 30 37.2 -3.0			
PLAI	Plampang 22.81 260	P	P	23 30 39.4 -0.8			
TWSI	Taliwang, Sumb 23.67 261	P	P	23 30 51.7 +2.7			
TARAI	Tarakan 24.89 262	P	P	23 30 57.3 +0.7			
KHKI	Kahang-Kahang 24.89 262	P	P	23 31 00.3 0.0			
SRBI	Singaraja 25.25 262	P	P	23 31 02.5 -1.1			
DNP	Denpasar 25.31 261	P	P	23 31 05.7 +1.6			
IGBI	Denpasar 25.39 261	P	P	23 31 06.1 +1.3			
MBWA	Marble Bar 25.54 230	P	P	23 31 12.5 +6.4			
MBWA	Marble Bar 25.54 230	P	P	23 31 07.8 +1.7			
MBWA	Marble Bar 25.54 230	S	P	23 31 09.3 +3.2			
MBWA	Marble Bar 25.54 230	S	P	23 35 37.9 +4.0			
MBWA	Marble Bar 25.54 230	Iamb	Iamb	23 31 04.4 -1.7			
MBWA	Marble Bar 25.54 230	P	P	23 31 11.7 +5.6			
RTBI	Ranggo, Negare 25.55 262	P	P	23 31 07.3 +1.0			
ABJI	Asem Bangko 26.20 263	P	P	23 31 13.2 +1.0			
GOP	Guinayangang 26.22 317	eP	eP	23 31 11.9 -0.4			
JAGI	Jajag, Banyuw 26.33 262	P	P	23 31 11.5 -1.9			
JAGI	Jajag, Banyuw 26.33 262	Iamb	Iamb	23 31 19.5			
JAGI	Jajag, Banyuw 26.33 262	P	P	23 31 13.1 -0.3			
PPR	Pueo Princes 26.39 305	iP	iP	23 31 13.8 -0.1			
STKA	Stephens Creek 26.40 178	P	P	23 31 17.8 +4.1			
STKA	Stephens Creek 26.40 178	P	P	23 31 16.3 +2.5			
STKA	Stephens Creek 26.40 178	LR	LR	23 43 17.6			
STKA	Stephens Creek 26.40 178	P	P	23 31 13.7 -0.1			
STKA	Stephens Creek 26.40 178	P	P	23 31 19.0 +5.3			
CMSA	Cobar Meteorol 26.49 170	P	P	23 31 22.4 +7.8			
CMSA	Cobar Meteorol 26.49 170	P	P	23 31 20.0 +5.4			
CMSA	Cobar Meteorol 26.49 170	P	P	23 31 19.6 +5.0			
KKM	Kota Kinabalu 26.76 295	Iamb	Iamb	23 31 15.1 -2.3			
KKM	Kota Kinabalu 26.76 295	Iamb	Iamb	23 31 27.7			
KKM	Kota Kinabalu 26.76 295	P	P	23 31 17.2 -0.2			
KKM	Kota Kinabalu 26.76 295	P	P	23 31 17.1 -0.3			
BLJI	Banyugilung 26.83 263	P	P	23 31 18.8 +0.9			
ARMA	Armidale 27.04 158	P	P	23 31 19.5 -0.2			
TIRP	Brgy. Gulod B 27.38 316	eP	eP	23 31 20.7 -2.0			
BBOO	Buckleboo 27.62 188	P	P	23 31 36.1 +1.1			
BBOO	Buckleboo 27.62 188	P	P	23 31 36.1 +1.1			
BBOO	Buckleboo 27.62 188	Iamb	Iamb	23 31 24.2 -0.5			
BBOO	Buckleboo 27.62 188	P	P	23 32 07.3			
FORT	Forrest 27.86 203	P	P	23 31 31.7 +4.8			
FORT	Forrest 27.86 203	P	P	23 31 30.2 +3.3			
FORT	Forrest 27.86 203	P	P	23 31 26.0 -0.9			
HAAT	Hallett 27.96 183	P	P	23 31 33.0 +5.1			
CHPR	Chaparral 28.16 320	eP	eP	23 31 27.6 -2.1			
MEEK	Meekatharra 29.73 222	P	P	23 31 49.3 +5.6			
MEEK	Meekatharra 29.73 222	P	P	23 31 50.2 +6.5			
DZM							

3d 1h

Table of seismic events with columns for station name, time, magnitude, depth, and distance. Includes events like Alice Springs, Warramunga Arr, and various other stations.

2020 SEP

Table of seismic events for September 2020, including events like Peaks-Kenny Pk, ARCESS Array B, and various other stations.

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Table of seismic events with columns for station name, time, magnitude, depth, and distance. Includes events like NEIC 03:00:49.4, DJA 03:00:49.2, and various other stations.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like HAZ Te Kaha, TGRZ Tauranga, MXZ Matakaoa Point, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like NSVSV Nonavsu, MSFV Nonavsu, AFI Afiamalu, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like ARMA comp=2.15nm,1.2s, PEA0B Petropavlovsk, etc.

NEIC 03 01:25:39.0-1.0, 20:8S:0:1x178:2W:0:1, h532km, 68km, mb4.2/12, Error ellipse: s-maj=20.7km s-min=19.9km az=216.0

TRN 03 01:43:06.9, 15:74N-60:71W, h28km, MD3.6, North-east of Dominica, Leeward Islands

IDC 03 01:54:53.7-0.8, 13:11S:66:73E, h0km, mb3.9/13, mbtmp3.9/13, MS3.6/15, Error ellipse: s-maj=28.6km s-min=19.7km az=71.0

NEIC 03 01:54:55.4-1.4, 13:22S:0:10:66:7E:0:1, h10km, 1km, mb4.6/17, Error ellipse: s-maj=20.6km s-min=15.8km az=288.0

IDC 03 01:54:54.6-0.5, 13:21S:66:77E:0:1, h10km, n59, 0:984/37, mb4.2/16, MS3.6/15, Mid-Indian Ridge

Table of seismic events with columns for station, time, magnitude, depth, and location. Includes stations like CMAR, HHC, PZH, BTO2, etc.

Table of seismic events with columns for station, time, magnitude, depth, and location. Includes stations like MOD, NVAR, NVAR, NVAR, etc.

Table of seismic events with columns for station, time, magnitude, depth, and location. Includes stations like IDC, NEIC, MEX, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PSGCX Pisagua, AF01 San Pedro de A, PB05 IPOC Station P, etc.

IDC 03 04:03:53.4±1.5, 1.14N, 126.35E, h0km, mb4.0/5, mbmp4.0/6, ML3.5/1, Error ellipse: s-maj=116.4km s-min=19.5km az=68.0

DJA 03 04:03:57.9±0.5, 1.14N, 126.35E, h1.4km, 5km, M3.9/18, m8.5/11, mb3.9/5, ML3.9/18, Mw(mb)4.4/1

NEIC 03 04:03:57.9±1.7, 1.4N, 126.77E, 0.08, h3km, 2km, mb4.1/12, Error ellipse: s-maj=21.0km s-min=0.5km az=215.0

ISC 03 04:03:58.1±0.7, 1.35N, 126.75E, 0.10, h35km, n32, ±121/35, mb4.1/10, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TMTI Ternate, GAMI Galela, SANI Sanana, etc.

IDC 03 04:15:56.9±0.7, 68.01N, 18.60W, h0km, mb3.9/12, mbmp3.9/17, ML2.7/5, MS3.9/6, Error ellipse: s-maj=15.0km s-min=13.5km az=139.0

NEIC 03 04:15:58.5±1.8, 67.99N, 18.60W, 0.2, h10km, 1km, mb4.3/14, Error ellipse: s-maj=13.5km s-min=3.3km az=227.0

DNK 03 04:16:09.0±0.4, 69.16N, 17.83W, h0km, 8km, Presumed earthquake

ISC 03 04:15:58.0±0.5, 68.03N, 18.70W, 0.06, h10km, n54, ±121/47, mb4.1/19, MS3.9/8, Iceland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SCORE Scoresbysund, SC0 Scoresbysund, BORG Borgarnes, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GERES GERESS Array B, MORC Moravsky Berou, MORC, etc.

IDC 03 04:17:44.5±4.1, 68.44N, 19.70W, h0km, mb3.7/3, mbmp3.8/5, ML3.5/2, MS3.9/5, Error ellipse: s-maj=84.6km s-min=24.6km az=124.0

REY 03 04:17:47.0±6.8, 13N, 17.84W, h10km, mb3.7/3, mbmp3.8/5, ML3.5/2, MS3.9/5, Error ellipse: s-maj=84.6km s-min=24.6km az=124.0

ISC 03 04:17:49.4±1.6, 67.92N, 18.21W, 0.1, h10km, n32, ±123/29, MS3.8/5, Iceland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IGRI Grimsey, ILEI Leirhofn, IHED Heiohnshofn, etc.

BORG Borgarnes, ARCES ARCESS Array B, FINES FINESS Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BORG Borgarnes, ARCES ARCESS Array B, FINES FINESS Array B, etc.

IDC 03 04:18:33.9±0.6, 68.06N, 19.06W, h0km, mb3.8/20, mbmp3.9/25, ML3.3/5, MS3.6/4, Error ellipse: s-maj=13.1km s-min=12.9km az=45.0

NEIC 03 04:18:35.0±0.6, 68.02N, 19.06W, 0.1, h10km, 1km, mb4.3/8, Error ellipse: s-maj=16.3km s-min=6.9km az=239.0

ISC 03 04:18:35.0±0.6, 68.02N, 19.06W, 0.07, h10km, n49, ±077/50, mb3.9/24, Iceland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BORG Borgarnes, ARCES ARCESS Array B, FINES FINESS Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BORG Borgarnes, SPITS Spitsbergen Ar, ARCES ARCESS Array B, etc.

GERES GERESS Array B, MORC Moravsky Berou, etc.

GERES GERESS Array B, MORC Moravsky Berou, etc.

GERES GERESS Array B, MORC Moravsky Berou, etc.

GERES GERESS Array B, MORC Moravsky Berou, etc.

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GERES GERESS Array B, MORC Moravsky Berou, etc.

GERES GERESS Array B, MORC Moravsky Berou, etc.

GERES GERESS Array B, MORC Moravsky Berou, etc.

Table with columns: DAT, STATION, TIME, AMPL, P, Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like Datca-Mugla, Turunc, Mula-Seydike, etc.

Table with columns: STATION, TIME, AMPL, P, Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like KURBB Kurchatov Arra, DBIC Dimbokoro, SFJD Kangerlussuaq, etc.

Table with columns: STATION, TIME, AMPL, P, Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like CKHZ Waihua, RIGZ Rimuhau, KAHZ Kahuranaki, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res. Includes stations like TIBP Shuangxi, LATG Datong, XiuLin Townshi, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res. Includes stations like WSRZ White Island S, WSRZ White Island N, WIZ White Island, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res. Includes stations like PTPM Petroterminal, PTPM Petro Terminal, PTPA Canoa, etc.

UCR 03 05:05:17.7±0.7, 8.33N-83.00W, h7km±2km, MW3.5, Presumed earthquake

UPA 03 05:05:17.9±1.4, 8.33N-82.95W, h10km±3km, MW3.3, Fault plane solution: NP1:φ=105.00000°, δ=64.00000°, λ=38.00000°. Presumed earthquake

ISC 03 05:05:17.6±0.9, 8.32N-83.00W, h10km±6km, m7.5, ±0.75/94.2C-2D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res. Includes stations like PTPM Petroterminal, PTPM Petro Terminal, PTPA Canoa, etc.

ISC 03 05:29:55.2±1.3, 8.39N-0.06, 82.99W, h14km±4km, mb4.5/11, Mw4.3/10, Error ellipse: s-maj=9.9km

s-min=6.8km az=51.0, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mrr=0.52; Mθθ=0.01; Mφφ=0.01; Mrr-θθ=0.53; Mrr-φφ=0.71; Mθθ-φφ=0.71; Fault plane solution: M=3.10000x10^15 NP1:φ=81.84000°, δ=74.98000°, λ=10.41000°. Principal axes: T 3.4389, P1g3.0000°, Azm308.0000°; N -0.2636, P1g2.0000°, Azm207.0000°; S -3.1754, P1g1.0000°, Azm39.0000°.

ISC 03 05:29:53.8±0.6, 8.30N-0.02, 82.98W, h10km±5km, m7.7, ±1.19/19.00W, mb4.6/51, Mw3.5/12, 14C-32D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res. Includes stations like PTPM Petroterminal, PTPM Petro Terminal, PTPA Canoa, etc.

ISC 03 05:29:55.2±1.3, 8.39N-0.06, 82.99W, h14km±4km, mb4.5/11, Mw4.3/10, Error ellipse: s-maj=9.9km

s-min=6.8km az=51.0, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mrr=0.52; Mθθ=0.01; Mφφ=0.01; Mrr-θθ=0.53; Mrr-φφ=0.71; Mθθ-φφ=0.71; Fault plane solution: M=3.10000x10^15 NP1:φ=81.84000°, δ=74.98000°, λ=10.41000°. Principal axes: T 3.4389, P1g3.0000°, Azm308.0000°; N -0.2636, P1g2.0000°, Azm207.0000°; S -3.1754, P1g1.0000°, Azm39.0000°.

ISC 03 05:29:53.8±0.6, 8.30N-0.02, 82.98W, h10km±5km, m7.7, ±1.19/19.00W, mb4.6/51, Mw3.5/12, 14C-32D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res. Includes stations like PTPM Petroterminal, PTPM Petro Terminal, PTPA Canoa, etc.

Table with columns: Station Name, Time, Res, ISC, h, s, ISC. Includes stations like BCIP Isla Barro Col, BOAB BOACO BROADBAN, and others.

Table with columns: Station Name, Time, Res, ISC, h, s, ISC. Includes stations like WWT Waverly, WHAR Woolly Hollow, and others.

Table with columns: Station Name, Time, Res, ISC, h, s, ISC. Includes stations like HFS Hagfors, ARCES ARCESS Array B, and others.

UPA 03 05:39:11.9, 1.2, 8:27N, 83:05W, h15km, 4km, MW3.8, Fault plane solution: N1P1a95, 000000, 832.000000, 7.37, 000000. Presumed earthquake

CATAC 03 05:39:13.7, 0.6, 8:15N, 83:05W, h4km, 2km, M4.1/22, ML4.4, 1/22, Error ellipse: s-maj=10.1km s-min=4.0km az=16.3, confirmed

UCR 03 05:39:13.1, 0.8, 8:31N, 83:00W, h7km, 3km, MW4.1, Presumed earthquake

ISC 03 05:39:12.8, 1.1, 8:29N, 0:04, 82:99W, 0:03, h14km, 8km, n67, a1518/110D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PTPA Petro Terminal, CDITO Canoas, and others.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like KKNITU, QUEP, PIEC, LCR2, etc.

IDC 03 05:40.49.1.3, 2.756N, 83.19W, h0km, mb3.6/5, mbtmp3.7/8, ML4.3/2, MS2.9/1, Error ellipse: s-maj=80.9km s-min=21.8km az=32.0

UCR 03 05:40.46.7.1.1, 8.26N, 82.99W, h18km, 7km, MW4.4, Presumed earthquake

UPA 03 05:40.47.0.1.3, 8.35N, 82.95W, h5km, 3km, MW4.2, Fault plane solution: NP1, 182.90000, 825.70000, 157.30000, Presumed earthquake

NEIC 03 05:40.49.1.3, 8.41N, 82.05E, 83.82W, h0.04, h10km, 1km, mb4.3/22, Error ellipse: s-maj=8.2km s-min=6.6km az=340.0

ISC 03 05:40.47.0.8, 8.33N, 82.98W, h0.02, h12km, 5km, n102, s192/125, mb4.2/15, 1C-14D, Panama-Costa Rica border region

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like PTM, PTPM, PTPA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Q51A, AC06, G003, etc.

PDAR Pinedale Array 41.49 330 P P 05 48 34.5 -0.4

ILAR Eielson Array 71.55 336 P P 05 52 07.7 -0.6

E23K Chandalar 73.69 339 P P 05 52 21.5 +0.3

ESDC Sonseca Array 76.29 51 P P 05 52 37.2 +0.5

ASAR Alice Springs 141.55 242 PKP PKPdf 06 00 15.4 -4.4

WRA Warramunga Arr 142.10 248 PKP PKPdf 06 00 15.7 -5.1

IDC 03 06:07.40.3.4.1, 43.72N, 147.40E, h0km, mb3.7/6, mbtmp3.7/6, Error ellipse: s-maj=119.1km s-min=44.1km az=7.0

MOS 03 06:07.51.2.1.0, 44.35N, 148.21E, h88km, mb4.0/5, Error ellipse: s-maj=18.7km s-min=15.7km az=44.7

SKHL 03 06:07.55.2.0.4, 44.30N, 147.80E, h108km, 5km, mb4.6/4, ms16.5/4

JMA 03 06:07.55.0.3, 44.09N, 148.18E, h101km, 5km, mb4.6/4, OFF ETOFUFU

ISC 03 06:07.52.9.1.5, 44.09N, 148.18E, h101km, 5km, mb4.6/4, n44, s133/55, mb3.8/8, 2C-1D, Kuril Islands

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like KUR, REI, YUK, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like FINES, NOA, AKASO, etc.

NEIC 03 06:20.55.7.1.1, 3.65N, 0.09E, 125.62E, h135km, 6km, mb4.3/23, Error ellipse: s-maj=14.8km s-min=10.7km az=46.0

IDC 03 06:20.57.0.8, 5.36N, 125.69E, h149km, 80km, mb3.5/7, mbtmp4.0/8, Error ellipse: s-maj=77.5km s-min=16.8km az=60.0

DJA 03 06:21.00.4.0.7, 3.17N, 12.62E, h155km, 8km, M4.4/14, ms5.4/2, mb4.3/7, MLv4.4/14, Mw(M3)4.8/2

ISC 03 06:21.07.4.0.5, 3.44N, 0.05E, 125.63E, h150km, n51, s175/56, mb4.2/15, Talaud Islands

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like DON, TMT, TNT, etc.

Table with columns: IDI, Station Name, A° AZ, Phase ID, Time, Res, and various station codes like ANKY, NPS, NTHA, etc.

IDC 03 09:29:26.1±3.3, 54°46'N-87°11'E, h0km, mbtmp3.2/2, ML2.9/2, Error ellipse: s-maj=27.8km s-min=19.9km az=71.0

ASRS 03 09:29:28.0±1.4, 54°33'N-86°82'E, h0km, M2.9(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, A° AZ, Phase ID, Time, Res, and station codes like H46RU, ZALV, KURBB, etc.

FUNV 03 09:31:29.3, 11°93'N-69°67'W, h18km, MW3.1, Presumed earthquake

RSNC 03 09:31:40.0±0.0, 12°N-13°7'0W, 1°3, h100km±27km, M2.6, mB5.1, mb3.3, ML2.4, Mw(mb)4.5

ISC 03 09:31:28.2±1.7, 12°0'N-01°69'55W±0°04, h25km, n10, ±113/18, Near coast of Venezuela

Table with columns: Code, Station Name, A° AZ, Phase ID, Time, Res, and station codes like URIC, TURV, BENV, etc.

IDC 03 09:35:09.6±1.0, 9°06'S-119°84'E, h0km, mb3.9/5, mbtmp4.0/9, ML4.0/4, Error ellipse: s-maj=44.7km s-min=11.6km az=71.0

DJA 03 09:35:13.0±0.2, 9°S±2°12'0E, h10km, M4.5/24, mB5.0/1, mB4.6/8, ML4.5/24, Mw(mb)4.1

ISC 03 09:35:15.2±0.7, 9°25'S-04°11'19.82E±0°03, h51km, n48, ±229/48, mb3.7/5, Sumba region

Table with columns: Code, Station Name, A° AZ, Phase ID, Time, Res, and station codes like WBSI, WSI, LBF1, etc.

Table with columns: Code, Station Name, A° AZ, Phase ID, Time, Res, and station codes like ABJI, BLJI, BLSI, etc.

ISK 03 09:39:04.3, 39°84'N-33°25'E, h6km, ML2.6/12

AFAD 03 09:39:04.2, 39°85'N-33°25'E, h19km±1km, ML2.6

ISC 03 09:39:04.5±1.0, 39°85'N-03°33'25E±0°02, h12km±8km, n29, ±150/48, Turkey

Table with columns: Code, Station Name, A° AZ, Phase ID, Time, Res, and station codes like GOKD, GOKP, BBAL, etc.

Table with columns: Code, Station Name, A° AZ, Phase ID, Time, Res, and station codes like MCUR, AKSY, YUVA, etc.

SNET 03 09:40:05.6±1.2, 12°54'N-88°03'W, h32km, ML3.7, Presumed earthquake

CATAC 03 09:40:06.3±1.3, 13°N±2°8'W±, h34km±3km, M3.8/50, MLV3.8/50, Error ellipse: s-maj=4.0km s-min=1.2km az=28.8, confirmed

GCG 03 09:40:08.7±0.4, 12°65'N-88°25'W, h30km±290km, MD4.1, Presumed earthquake

ISC 03 09:40:06.2±1.3, 12°54'N±0°04-88°06'W±0°03, h32km±12km, n67, ±95/712, 18C-14D, Off coast of central America

Table with columns: Code, Station Name, A° AZ, Phase ID, Time, Res, and station codes like CSGN, CNCH, LCND, etc.

3d 11h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CHIR3, BGUAL, BOTLY, BOSF3, LNBQ3, etc.

IDC 03 10:37:16.4+0.7,26.87N:143.82E,h0km,mb4.1/19, mbmp4.1/23,ML3.9/4,MS3.1/3,Error ellipse: s-maj=22.0km s-min=15.5km az=63.0

NEIC 03 10:37:19.1+1.9,27.04N:07.143E:0.1,h10km,1km, mb4.5/10,Error ellipse: s-maj=23.3km s-min=9.6km az=68.0

ISC 03 10:37:22.5+0.7,27.12N:0.09:143.7E:0.1,h35km,n47, s=134/39,mb4.2/22,NonInland region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JHU2, JHJ, JHU, MJAR, MJAR, MAJO, etc.

2020 SEP

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AKASG, HFS, RAYN, BRTR, TXAR, etc.

IDC 03 10:40:32.2+2.7,8.10N:103.71W,h0km,mb3.4/5, mbmp3.5/5,MS3.4/15,Error ellipse: s-maj=115.1km s-min=27.8km az=58.0,Northern East Pacific Rise

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMIG, JTS, TXAR, PFO, ROSE, ATAH, TKL, NVAR, PDAR, SADO, LPAZ, etc.

SKHL 03 10:41:02.0+0.3,47.70N:147.90E,h400km,8km,mb4.6/5, msh4.4/3

IDC 03 10:41:08.4+3.9,47.80N:146.70E,h450km,47km,mb3.0/9, mbmp3.8/10,Error ellipse: s-maj=27.8km s-min=18.2km az=53.0

ISC 03 10:41:04.1+0.8,47.55N:07.147E:0.1,h400km,n16, s=235/19,mb3.4/9,Northeast of Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like YSS, YSS, YSS, YSS, YSS, etc.

CATAC 03 11:06:56.1+0.4,14.1N:3.9W,h29km,2km,ML4.1/3, MLv4.1/3,Error ellipse: s-maj=7.2km s-min=2.6km az=28.7,confirmed

MEX 03 11:06:56.9+0.4,14.68N:92.45W,h80km,4km,MD4.3, Presumed earthquake

GCG 03 11:06:58.5+1.3,14.61N:92.32W,h59km,9km,MD4.6, Presumed earthquake

ISC 03 11:06:56.6+0.6,14.65N:0.06:92.56W:0.03,h65km,6km, n81,-1958/118,3C-1D,Near coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like THIG, THIG, THIG, THIG, THIG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RTAL, RTAL, RTAL, QUOE, STG8, etc.

SJA 03 11:36:39.7+1.2,22.90S:66.28W,h252km,6km,ML4.0, MW3.7

IDC 03 11:36:40.4+1.1,22.84S:66.23W,h253km,55km,mb3.2/1, mbmp3.7/3,Error ellipse: s-maj=92.9km s-min=23.5km az=97.0

GUC 03 11:36:41.3+0.6,22.87S:66.60W,h278km,12km,ML3.9

ISC 03 11:36:39.0+0.9,22.90S:0.04:66.34W:0.05,h252km,8km, n39,-1936/63,4C-2D,Jujuj Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HJA, HJA, YJA, YJA, SALTA, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like PPAX Atlixo, TXIG Tlaxiaco, YGIG Yosondua, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like NVAR Mina Array Bea, WAKR Walker, X48A Hartsele, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like TAIL Kiyzas, Kuzbas, TADR Tashtagol, etc.

NNC 03 13:10:23.5±8.8, 37.03N; 70.59E, h0km, mb4.0, mpv3.8, 2C-1D, Error ellipse: s-maj=83.4km s-min=48.8km az=158.0, Afghanistan-Tajikistan border region

VIE 03 14:28:02.6±1.5, 50.28N; 18.72E, h0km, mb2.5/9, ml2.6/8, ms3.3/4, Error ellipse: s-maj=11.8km s-min=4.5km az=163.0, 19 km W of Katowice Suspected Mining induced.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like KSP Ksiaz, JAVC Velka Javorina, CHVC Chvalec, etc.

Code Station Name Az' Az'' Phase ID Op ISC Time Res
H05S1 Gadeloupe/Mar 13.52 217 T P 14 51 06.6
LPAZ La Paz 38.01 264 P T 14 41 46.3 +0.8

JMA 03 14:43:55.4, 0.43:2N:0.6:14'6E', h50km, mb3.9/4,
MV2.9/29, OFF NEUMORO PENINSULA
SKHL 10 14:43:56.0, 0.43:20N:146'40E, h37km, hkm, mb3.9/2

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like JNK Nakash, JAK Akkeshi, KUR Kuril'sk, etc.

NEIC 03 14:49:16.5, 1.6, 33S:0'08:174.0W:0'1, h59km, 7km,
mb4.5/24, Error ellipse: s-maj=16.3km s-min=11.9km
az=101.0

IDC 03 14:49:17.1, 3.1, 16.30S:174.03W, h67km, 27km, mb3.8/9,
mbmp4.2/11, ML4.0/2, MS3.1/5, Error ellipse:
s-maj=23.5km s-min=16.1km az=128.0

ISC 03 14:49:18.0, 8.5, 16.33S:174.03W:0'08, h50km, n50,
c1961/50, mb4.4/16, MS3.2/3, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like AFI Afiamalu, AFI Afiamalu, NIUE Niue, etc.

PPT Papeete 23.43 97 LR LR 15 02 45.8
RTZ Ruatuhuna 23.65 198 P P 14 54 19.2 -1.7

QZQ Quetz Range 27.04 202 P P 15 44 48.4 -4.0
NNZ Nelson 27.08 201 P P 15 44 48.0 -4.7

WRA Warramunga Arr 49.04 258 P P 14 57 57.2 -0.1
ASAR Alice Springs 49.25 253 P P 14 57 59.1 +0.3

VNDA Vanda 62.40 186 P P 14 59 32.2 +0.2
VNDV Vanda 62.40 186 P Iamb Iamb 14 59 35.2

PETK Petropavlovsk 73.33 343 P P 15 00 42.0 +1.1
PETK Petropavlovsk 73.33 343 P P 15 00 41.9 +1.0

QSPA South Pole Qui 73.72 180 P Iamb Iamb 15 00 43.4 0.0
QSPA South Pole Qui 73.72 180 P Iamb Iamb 15 01 16.2

WAKR Walker 74.72 42 P P 15 00 48.5 -1.3
NVAR Nina Array Bea 74.72 42 P P 15 00 54.5 +0.7

GMN Gold Mountain 75.47 44 P P 15 00 53.6 -0.5
U15A North Rim 78.38 46 P Iamb Iamb 15 01 10.8 +2.2

ELK Elko 78.68 42 P P 15 01 12.4 +0.3
DUN6 Lazy B Ranch 78.83 51 P P 15 01 13.3 +0.4

SRU San Rafael Swe 80.93 45 P Iamb Iamb 15 01 24.0 -0.2
SRU San Rafael Swe 80.93 45 P Iamb Iamb 15 01 25.6

LENM Cornudas Mount 81.13 51 P P 15 01 25.6 +0.2
MNTX Cornudas Mount 81.27 53 P Iamb Iamb 15 01 27.4

TXAR Lajitas Array 81.63 56 P P 15 01 28.8 +0.8
TXAR Lajitas Array 81.63 56 P P 15 01 28.0 +0.5

ANMO Albuquerque 81.86 50 P P 15 01 29.5 +0.2
PDAR Pinedale Array 83.36 42 P P 15 01 36.8 -0.2

PDAR Pinedale Array 83.36 42 P P 15 01 36.4 -0.4
ILAR Eielson Array 83.47 11 P P 15 01 35.8 -0.9

ILAR Eielson Array 83.47 11 P P 15 01 35.9 -0.8
PRP Porcupine Dome 84.40 12 P Iamb Iamb 15 01 42.5

E19K Redstone River 84.46 6 P P 15 01 42.1 +0.5
BRTR Keskin Array B 146.48 320 PKPbc PKPbc 15 08 52.1 +1.2

GERES GERES Array B 146.96 351 PKPbc PKPbc 15 08 52.2 +2.2
TORD Torodi Ar. Bea 174.80 127 PKP PKPbc 15 09 17.8 -2.3

TORD Torodi Ar. Bea 174.80 127 PKP PKPbc 15 09 17.8 -2.3
TORD Torodi Ar. Bea 174.80 127 PKP PKPbc 15 10 53.9 -0.5

ISK 03 15:07:33.7, 38'18N:23'90E, h5km, ML4.2/30
AFAD 03 15:07:34.0, 38'02N:23'92E, h15km, MW4.0

IDC 03 15:07:35.0, 7.7, 38'10N:23'97E, h0km, mb3.9/10,
mbmp4.0/20, ML3.6/9, MS3.4/21, Error ellipse:
s-maj=13.3km s-min=9.6km az=51.0

MED_RC 03 15:07:35.0, 38'18N:23'99E, h12km, Mw4.3, Moment
Tensor Solution, Moment tensor: Scale 10^15Nm
M1=0.86; 19; M2=1.13; 19; M3=0.00; 18; M4=0.79; 41;
M5=2.32; 18; M6=1.37; 42; Fault plane solution:
M3:37000x10^15 N1:157.00000; 867.00000;
lambda:23.00000; NP2:257.00000; 869.00000;
lambda:156.00000; Principal axes: T 3.3200, P1g1.0000;
Az=27.0000; N 0.1100, P1g58.0000; Azm294.0000; P
-3.4300, P1g32.0000; Azm117.0000;

ATH 03 15:07:35.8, 38'17N:23'99E, h4km, Mw4.1, Moment
Tensor Solution. s10 Moment tensor: M1=0.28;
M2=0.59; M3=0.31; M4=1.22; M5=0.88; M6=0.15; Fault
plane solution: NP1:263.00000; 884.00000;
lambda:127.00000; NP2:165.00000; 838.00000;
lambda:10.00000;

NEIC 03 15:07:36.7, 1.0, 38'20N:0'04:23'98E:0'05, h10km, 1km,
mb4.3/23, Error ellipse: s-maj=7.0km s-min=6.8km

az=94.0
THE 03 15:07:36.6, 38'1N:0'5:23'9E:0'5, h1km, M4.1/32,
ML4.1/32
PDG 03 15:07:36.0, 1.8, 38'14N:23'98E, h0km, 11km, ML4.3/10,
Error ellipse: s-maj=1.6km s-min=2.0km az=0.0

GFZ 03 15:07:38.7, 0.2, 38'N:2'x2'4E', h10km, M4.2/22,
mb4.3/22
ISC 03 15:07:35.9, 0.8, 38'16N:0'02:23'97E:0'01, h7km, 5km,
n361, c1908/415, mb4.3/16, MS3.4/16, 11C-10D, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like DION Dionisos Attik, DION Dionisos Attik, PTL Penteli, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like ACHAR Athens-Acharne, ATHP Athens-Neo Psi, ATHU Athens Unvers, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like VLY Voula, Athens, VLY Voula, Athens, STFN Stefani, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like ELFA Athens-Elefsin, KARY Karystos, KARY Karystos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like MET4 Agioi Theodoros, MET1 Methana Town, MET1 Kameni Chora, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like LTK Loutraki, LTK Loutraki, LTK Loutraki, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like AXAR Agios Charalam, AXAR Agios Charalam, DELFA Delphi, etc.

3d 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like H01W2, H01W3, NWA0, etc.

AEIC 03 15:21:23.0±1.2, 53°81'N, 0°04'163.94W, 0.06, h26km, 7km, Error ellipse: s-maj=7.1km s-min=4.5km az=150.0

NEIC 03 15:21:23.3±1.7, 53°82'N, 0°05'163.99W, 0.04, h27km, 12km, ML3.5/16, ML3.2(AEIC), Error ellipse: s-maj=7.3km s-min=3.5km az=178.0, Unimak Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations in the Unimak Island region like SSSL, SSSL, AKUT, etc.

2020 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like M17K, ILSW, K15K, etc.

ICD 03 15:24:37.0±6.3, 14°57'N, 122°49'E, h0km, mb3.4/3, mbtmp3.4/3, Error ellipse: s-maj=61.6km s-min=28.3km az=63.0

MAN 03 15:24:57.0, 13°76'N, 120°59'E, h148km, MS3.1, ISC 03 15:24:56.4±1.2, 13°70'N, 0°10'120.6E, 0.1, h150km, n11, r125/14, mb3.2, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like TOY, TIRP, TIRP, etc.

TIR 03 15:28:00.6, 39°30'N, 19°20'E, h11km, M12/72, THE 03 15:28:01.9, 39°N, 3°19'E, h3km, 56km, M2.5/11, MLh2.5/11

ROM 03 15:28:01.6±0.2, 39°32'N, 0°02'19.27E, 0.02, h10km, ML2.7/18, Error ellipse: s-maj=1.8km s-min=1.1km az=336.0

ATH 03 15:28:02.0, 39°32'N, 19°25'E, h11km, 2km, ML2.7/18, Latitude uncertainty: 1 km; Longitude uncertainty: 1 km

ISC 03 15:28:01.9, 1.1, 39.32N, 0.03, 19.28E, 0.02, h10km, 9km, n52, c0549/89, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KEK, KEK, KEK, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like TETR, AMPL, AMPL, etc.

ICD 03 15:33:36.3±2.6, 39°53'N, 142°42'E, h74km, 21km, mb3.3/5, mbtmp3.6/9, Error ellipse: s-maj=34.2km s-min=15.9km az=99.0

JMA 03 15:33:36.1±0.1, 39°6'N, 0°2'142.1E, 0.3, h49km, MV3.6/40, E OFF WAVE PREF

JMA 03 15:33:35.6±1.1, 39°6'N, 0°04'142.16E, 0.09, h51km, 9km, n27, r151/31, mb3.8/6, 15D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MIYJ, MIYJ, Tanohata, etc.

SJA 03 15:36:08.0±0.7, 27°85'S, 72°08'W, h14km, ML4.0, MW4.1, ICD 03 15:36:11.0±0.9, 27°83'S, 71°94'W, h0km, mb4.2/4, mbtmp4.0/8, ML3.9/4, MS3.2/3, Error ellipse: s-maj=24.7km s-min=15.8km az=82.0

NEIC 03 15:36:11.5s, 1.4, 2.7'88S, 0.04, 71.75W, 0.05, h10km, 1km, Mw4.0/0.40, ML3.5(GUC), Error ellipse: s-maj=7.5km, s-min=6.8km az=203.0, Moment Tensor Solution. Moment tensor: Scale 10¹⁵Nm; Mr1.31; Mw-0.07; Mo-1.24; Mo-0.22; Mo-0.63; Fault plane solution: M1.450000x10¹⁵ Np1.0x18.790000, 833.150000, λ104.540000. NP2.0x181.580000, 858.040000, λ80.690000. Principal axes: T 1.4796, Plg75.0000, Az65.0000; N -0.0635, Plg8.0000; Azm187.0000; P -1.4161, Plg13.0000; Azm278.0000.

NEIC 03 15:36:11.5s, 2.7'87S, 71.73W, h10km GUC 03 15:36:14.1s, 0.8, 2.7'98S, 71.60W, h25km, 4km, ML3.6 ISC 03 15:36:10.1s, 2.7'89S, 0.03, 71.76W, 0.05, h4km, 9km, n98, c155/121, mb4.33, 4C-3D, Near coast of northern Chile

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
AC04	Llanos de Chal	0.68	117	Op	15 36 24.2	+0.7
AC04				ISC	15 36 24.3	+0.7
AC04				Pg	15 36 34.1	
comp=Z, 4.0m, 0.7s						
AC04	Llanos de Chal	0.68	117	iP	15 36 24.3	+0.7
AC04				Sg	15 36 31.7	-0.7
AC04				IAML	15 36 33.9	
comp=E, 5.0m, 0.3s						
AC04	Llanos de Chal	0.68	117	Pg	15 36 24.1	+0.5
AC04				Sg	15 36 31.9	-0.6
AC06	Mina Casimiro	1.35	67	Pb	15 36 36.3	+0.3
AC06				Sb	15 36 52.9	-1.3
AC06				IAML	15 36 55.8	
comp=N, 1.0m, 0.2s						
AC06	Mina Casimiro	1.35	67	Pb	15 36 36.1	-0.4
AC06				Sb	15 36 52.4	-1.8
GO03	Copipao	1.38	78	Op	15 36 36.6	-0.5
GO03				eS	15 36 53.3	+2.2
GO03				IAML	15 37 02.4	
comp=N, 2.0m, 0.6s						
GO03	Copipao	1.38	78	Pb	15 36 36.5	-0.5
LCO	Las Campanas	1.45	140	eP	15 36 37.8	0.0
LCO				IAML	15 37 03.9	
comp=Z, 2.0m, 0.8s						
LCO	Las Campanas	1.45	140	eP	15 36 37.6	-0.3
LCO				eS	15 36 54.7	-2.8
LCO	Las Campanas	1.45	140	eP	15 36 37.5	-0.3
LCO				eS	15 36 54.6	-2.9
AC05	El Transito	1.61	126	eP	15 36 40.4	+0.5
AC05				eS	15 37 02.5	+0.8
AC05	El Transito	1.61	126	eP	15 36 40.1	+0.1
AC05				eS	15 36 58.6	-2.7
AC05				IAML	15 37 02.8	
comp=N, 1.0m, 0.6s						
AC05	El Transito	1.61	126	Pn	15 36 40.0	+0.1
AC05				Sn	15 36 58.5	-2.7
AC01	Pan de Azucar	2.02	31	iP	15 36 45.0	-5.0
AC01				eP	15 36 45.8	-2.2
AC01				eS	15 37 25.0	+1.9
AC01				IAML	15 37 27.0	
comp=Z, 5.54nm, 0.5s						
AC01	Pan de Azucar	2.02	31	iP	15 36 45.9	+0.4
AC01				eP	15 37 08.9	+2.4
AC01				eS	15 36 52.0	+0.8
GO04	Tololo Observa	2.42	160	eP	15 37 25.0	-0.2
GO04				eS	15 37 33.7	
comp=Z, 1.0m, 0.9s						
GO04	Tololo Observa	2.42	160	eP	15 36 51.9	+0.8
GO04				eS	15 37 19.6	-1.8
GO04	Tololo Observa	2.42	160	eP	15 36 51.0	-0.1
GO04				Sn	15 37 17.5	-3.9
GO04	Juntas del Tor	2.54	145	eP	15 36 54.9	+2.1
CO01				eS	15 37 29.6	+1.1
CO01				IAML	15 37 31.5	
comp=Z, 5.15nm, 0.9s						
CO01	Juntas del Tor	2.54	145	eP	15 36 54.8	+2.1
CO01				eS	15 37 24.0	-0.3
CO01				IAML	15 37 30.5	
comp=N, 6.94nm, 0.9s						
CO01	Juntas del Tor	2.54	145	Pn	15 36 54.2	+1.4
AC02	Maricunga	2.56	66	eP	15 36 55.7	-1.7
AC02				eS	15 37 24.5	-0.8
AC02				IAML	15 37 37.6	
comp=Z, 7.18nm, 1.1s						
AC02	Maricunga	2.56	66	eP	15 36 55.7	-1.7
AC02				IAML	15 37 37.8	
comp=E, 1.0m, 0.5s						
AC02	Maricunga	2.56	66	Pb	15 36 55.1	-2.3
CO06	Fray Jorge	2.77	178	eP	15 36 55.9	+0.4
CO06				eS	15 37 49.2	
comp=N, 2.01nm, 0.5s						
CO06	Fray Jorge	2.77	178	Pn	15 36 56.0	+0.2
AROD	Rodeo	3.02	139	eP	15 37 03.1	-2.1
AROD				Sb	15 37 08.6	-3.4
CO03	El Pedregal	3.08	163	eP	15 37 01.2	+1.1
CO03				eS	15 37 38.5	+1.1
CO03				IAML	15 37 55.6	
comp=Z, 4.10nm, 0.7s						
CO03	El Pedregal	3.08	163	eP	15 37 01.0	+0.9
CO03				eS	15 37 53.2	
comp=N, 387nm, 0.5s						
CO03	El Pedregal	3.08	163	Pn	15 37 00.5	+0.4
VCA	Vinchina	3.24	106	eP	15 37 07.9	-0.9
CO02	Combarbal	3.36	169	eP	15 37 45.5	+0.4
CO02				eS	15 37 40.5	-4.0
CO02				IAML	15 38 05.1	
comp=Z, 5.33nm, 0.8s						
CO02	Combarbal	3.36	169	eP	15 37 04.2	+0.2
CO02				Pb	15 37 07.9	-0.9
PB14	IPOC Station P	3.47	21	eP	15 37 06.0	+0.2
PB14				eS	15 38 03.5	+1.2
PB14				IAML	15 38 10.9	
comp=Z, 2.22nm, 1.1s						
PB14	IPOC Station P	3.47	21	eP	15 37 05.5	-0.2
TINO	Tinogasta	3.71	94	eP	15 37 13.2	-3.5
TINO				eS	15 38 10.8	+1.1
TINO				IAML	15 38 13.8	
comp=Z, 2.02nm, 0.7s						
CO04	Los Pelados	4.19	171	Pn	15 37 15.7	-0.2
ACLCL	CERRO LA CRUZ	4.49	111	eP	15 37 22.5	+2.9
ACLCL				eS	15 38 20.0	-4.7
ACLCL				IAML	15 38 28.1	
comp=Z, 8.8nm, 0.6s						
ZON	Zonda	4.52	144	Pn	15 37 20.0	+0.2
CFA	Coronel Fontan	4.50	141	Pn	15 37 26.4	+2.6
comp=Z, 3.8nm, 0.3s, baz=312, slow=9.1, SNR=15						
CFA				Sn	15 38 25.1	+5.3
comp=Z, 3.2nm, 0.3s, baz=65, slow=23, SNR=3.9						
CFA				Sn	15 38 25.1	+5.3
comp=Z, 5.4nm, 0.4s						
VA03	San Esteban	4.96	168			
VA01	Torpederos	5.11	179	Pn	15 37 26.2	+0.1
PB05	IPOC Station P	5.21	16	eP	15 37 27.8	-0.1
PB05				eS	15 37 29.2	-0.3
PB05				IAML	15 38 30.3	+0.2
PB05				IAML	15 39 12.5	
comp=Z, 7.2nm, 0.9s						
PB05	IPOC Station P	5.21	16	Pn	15 37 28.2	-1.3
PEL	Peludehue	5.31	170	Pn	15 37 30.8	0.0
MT02	Curacav	5.37	174	Pn	15 37 32.0	+0.5
PB06	IPOC Station P	5.49	34	Pn	15 37 33.3	0.3
MT05	Renca	5.55	171	Pn	15 37 34.2	+0.2
MT16	CCHEN	5.62	169	Pn	15 37 35.6	+0.6
MT03	Universidad Ad	5.68	169	Pn	15 37 35.7	+0.2
MT08	Bocatoima Ro	5.73	165	Pn	15 37 35.6	-1.1
AF01	San Pedro de A	5.89	34	Pn	15 37 37.1	-1.2
MT09	Talagante	5.90	174	Pn	15 37 39.1	+0.2
MT13	San Alfonso	5.97	168	Pn	15 37 40.0	+0.2
MT01	Popeta	5.97	176	Pn	15 37 39.8	+0.1
PB03	IPOC Station P	6.10	18	Pn	15 37 40.0	-1.7
BO04	La Punta	6.16	171	Pn	15 37 41.6	-0.7
PB07	IPOC Station P	6.37	16	Pn	15 37 44.1	-1.1
PB09	IPOC Station P	6.49	21	Pn	15 37 47.0	+0.0
BO01	Tunca	6.56	175	Pn	15 37 47.3	+0.2
PB02	IPOC Station P	6.70	15	Pn	15 37 49.5	-1.3
BO02	Sierra Bellav	6.93	173	Pn	15 37 51.8	-1.2
TA01	Diego Aracena	7.44	11	Pn	15 37 58.8	-1.1
PB08	IPOC Station P	8.08	18	Pn	15 38 07.8	-1.2
H03N1	Juan Fernandez	8.28	226	T	15 46 54.3	
H03N2	Juan Fernandez	8.29	226	T	15 46 54.3	
baz=55, slow=74, SNR=82						
PB11	IPOC Station P	8.32	14	Pn	15 38 10.0	-2.3

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
PGSCX	Pisagua	8.39	11	Pn	15 38 11.3	-1.8
GO01	Chuzmiza	8.52	17	Pn	15 38 15.2	0.0
B102	San Fabin de	8.75	177	Pn	15 38 17.7	-0.4
PB12	IPOC Station P	9.33	8	Pn	15 38 24.4	-1.6
PB16	IPOC Station P	9.74	13	Pn	15 38 30.2	-1.8
PB16	Visviri	10.47	12	Pn	15 38 40.7	-1.4
LPAZ	La Paz	12.03	17	Pn	15 39 03.8	+0.4
comp=Z, 0.2nm, 0.3s, baz=196, slow=8.5, SNR=5.2						
LPAZ				AML		
LPAZ	La Paz	12.03	17	Pn	15 39 01.5	-1.9
PLCA	Paso Flores	12.85	176	LR	15 44 07.6	
comp=Z, 0.59nm, 19.9s, baz=352, slow=37						
CPUP	Villa Florida	12.95	86	Pn	15 39 17.0	+1.6
comp=Z, 0.2nm, 0.3s, baz=232, slow=20.5, SNR=2.2						
CPUP				LR	15 45 13.1	
comp=Z, 7.6nm, 20.7s, baz=256, slow=41						
CPUP				AML		
CPUP	Villa Florida	12.95	86	AML		
SIV	San Ignacio	15.43	42	Pn	15 39 15.1	-0.3
baz=224, slow=10.0, SNR=28						
CPUP				AML		
comp=Z, 0.5nm, 0.4s						
PMSA	Palmer Station	37.22	175	LR	15 57 31.6	
comp=Z, 6.6nm, 18.6s, baz=174, slow=34						
SNA4	Sanaa	57.17	159	P	15 45 59.4	+1.1
comp=Z, 1.4nm, 0.5s, baz=293, slow=3.5, SNR=5.0						
SNA4				P	15 45 58.9	+0.6
TROLL	Troll, Antartar	58.88	160	P	15 46 11.5	+1.2
comp=Z, 5.9nm, 0.6s						
QSPA	South Pole Qui	62.32	180	P	15 46 35.4	+1.5
comp=Z, 1.1nm, 0.7s, baz=114, slow=1.9, SNR=7.6						
QSPA				P	15 46 35.4	+1.5
QSPA	South Pole Qui	62.32	180	P	15 46 35.3	+1.1
QSP	Dimbokro	73.07	73	P	15 47 43.4	+1.0
comp=Z, 5.7nm, 0.8s, baz=225, slow=4.9, SNR=3.4						
QSP				P	15 47 43.4	+1.0
comp=Z, 5.7nm, 0.8s						
TORD	Tordi Ar. Bea	81.93	71	P	15 48 33.5	+1.5
comp=Z, 1.6nm, 0.9s, baz=266, slow=3.9, SNR=6.1						
TORD				P	15 48 33.5	+1.5
comp=Z, 1.						

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FETA, NB2, NOA, FUORNI, DAVA, KEST, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JMA 03 16:11:21.0-0.1, JMA 03 16:12:26.7-0.4, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WEL 03 16:12:26.7-0.4, WEL 03 16:12:26.7-0.4, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GCSZ, AKCZ, OKAINS Bay, etc.

SJA 03 16:18:32.4±0.6, 27:46Sx71:74W, h17km, 4km, ML3.3, MW3.6

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AC04, AC06, AC07, AC08, etc.

NEIC 03 16:25:43.9±1.1, 47:49N±0:04±92:57W±0.06, h0km±2km, mb_Lg3.0/27, ML3.2/12, Error ellipse: s-maj=8.6km

ISC 03 16:25:48.0±3.7, 47:44N±93:24W, h0km, mbtmp2.8/2, ML1.1/1, Error ellipse: s-maj=67.4km s-min=19.5km

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EYMN, E38A, SPMN, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I40A, I42A, I43A, etc.

ISC 03 16:28:26.3±2.6, 10:89N±87:17W, h0km, mb3.5/2, mbtmp3.5/4, ML2.6/3, MS2.2/1, Error ellipse: s-maj=98.3km

CATAC 03 16:28:30.8±0.4, 11°N±2°8'7W±, h21km, 3km, M3.8/4/3, ML3.8/4/3, Error ellipse: s-maj=3.8km s-min=2.2km

SNET 03 16:28:31.4±6.3, 11:39N±86:76W, h72km, ML3.7, Presumed earthquake

ISC 03 16:28:30.4±1.7, 11°0N±0:05±87:02W±0.04, h23km, 13km, 157°, 1504/91, BC-6D, Near east of Nicaragua

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like COPN, NADN, SABN, etc.

3d 16h

Table with columns: WRA, Code, Station Name, Az, Phase ID, Time, Res. Includes entries for Alice Springs, Usuriysk Ar, Asahikawa, Makanchi Array.

NEIC 03 16:31:34.9, 1.4, 18.00N, 0.08, 65.36W, 0.02, h15km, 5km, ML2.9/37, Md3.5/9(RSPFR), Error ellipse: s-maj=11.5km

RSPFR 03 16:31:38.8, 18.00N, 65.45W, h10km, 2km, Md3.5/9

ISC 03 16:31:34.7, 1.4, 17.95N, 0.08, 65.41W, 0.04, h14km, 5, 10km, n40, o55/59, 7C-9D, Puerto Rico region

Main table for 3d 16h with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations like Col San Antoni, Patillas Dam, Obispo Ponce, etc.

2020 SEP

Main table for 2020 SEP with columns: Station Name, Az, Phase ID, Time, Res. Lists numerous stations like Yuli, Ninganchiao, XiuLin Townshi, etc.

194

Table for 194 with columns: Station Name, Az, Phase ID, Time, Res. Lists numerous stations like Guanxi Townshi, Mucha, Xindian Distri, etc.

3d 17h

KMPM	Mount Pierce	75.00	38	I	Amb	I	Amb	17 23 18.6
VES	Vestal, Richgr	75.36	44	P		P		17 23 16.7 -0.5
KHMM	Horse Mountain	75.52	38	I	Amb	I	Amb	17 23 21.6
BBJ1	Bungbulang	75.59	267	P		P		17 23 17.1 -2.0
BBJ2	Bungbulang	75.59	267	P		P		17 23 18.2 -0.9
O02D	Mt. Diablo Mer	75.64	39	I	Amb	I	Amb	17 23 22.3
KRMB	Red Mountain	75.84	37	I	Amb	I	Amb	17 23 23.8
ORV	Oroville	76.03	40	P		P		17 23 20.1 -0.8
KSXB	Camp Six Broad	76.05	37	I	Amb	I	Amb	17 23 25.8
O03E	Paynes Creek	76.30	39	P		P		17 23 21.7 -0.8
O03E								17 23 25.2
CLC	China Lake	76.34	45	I	Amb	I	Amb	17 25 42.3
YBH	Yreka Blue Hor	76.66	38	I	Amb	I	Amb	17 23 27.7
WAKR	Walker	76.68	42	P		P		17 23 24.4 -0.4
M03C	McClelland	76.72	38	I	Amb	I	Amb	17 23 27.7
KSRS	Korea Array	76.84	37	P		P		17 23 27.6 +2.1
QSM	Queen of Sheba	76.91	45	P		P		17 23 26.3 +0.3
NVAR	Minna Array	77.26	42	P		P		17 23 30.9 +2.2
NVAR	Minna Array	77.32	42	P		P		17 23 30.0 +1.4
ACHA	Angle Creek He	77.67	11	P		P		17 23 29.9 +0.2
KDAK	Kodiak Island	77.78	12	P		P		17 23 31.7 +1.5
KDAK	Kodiak Island	77.78	12	P		P		17 23 31.2 +1.1
KDAK	Kodiak Island	77.78	12	P		P		17 23 31.6 +1.4
J04A	Umpqua Nationa	77.96	37	I	Amb	I	Amb	17 23 34.8
MOD	Modoc Plateau	78.18	39	I	Amb	I	Amb	17 23 35.7
K05A	Summer Lake	78.33	38	I	Amb	I	Amb	17 23 37.6
USRK	Ussuriysk Ar.	78.45	324	P		P		17 23 36.4 +2.1
USRK	Ussuriysk Ar.	78.45	324	P		P		17 23 34.4 +0.1
O16K	Kokwok River B	78.54	9	I	Amb	I	Amb	17 23 35.6
H04A	Detroit Lake	78.82	35	I	Amb	I	Amb	17 23 38.6
N15K	Kwetluk River	78.83	8	I	Amb	I	Amb	17 23 40.0
PINE	Pine Mountain	78.96	37	I	Amb	I	Amb	17 23 40.4
M14K	Bethe	79.18	7	I	Amb	I	Amb	17 23 40.6
WVOR	Wild Horse Val	79.49	39	I	Amb	I	Amb	17 23 42.9
HOOD	Mount Hood Mea	79.52	35	I	Amb	I	Amb	17 23 43.2
N17K	Nushagak Hills	79.57	9	I	Amb	I	Amb	17 23 41.5
CNPM	China Foot	79.66	12	I	Amb	I	Amb	17 23 42.7
NLWA	Neilton Lookou	79.67	33	P		P		17 23 40.8 0.0
NLWA								17 23 43.9
L14K	Kuka Creek	79.68	6	I	Amb	I	Amb	17 23 43.4
MDSK	Maura Dua	79.76	269	P		P		17 23 40.8 -1.2
STD	Studebaker Rid	79.79	34	I	Amb	I	Amb	17 23 44.7
N18K	Kilae Cr	79.92	9	I	Amb	I	Amb	17 24 36.7
BRLK	Bradley Lake	79.95	12	I	Amb	I	Amb	17 23 44.1
SMAI	San Martin Ant	79.98	159	P		P		17 23 42.6 +0.4
MDJ	Mudanjiang	80.06	323	P		P		17 23 45.1 +2.2
J06A	Circle Bar Ran	80.13	38	I	Amb	I	Amb	17 23 46.8
N19K	Bonanza Creek	80.27	10	P		P		17 23 44.1 +0.3
N19K								17 23 45.4
M17K	Holittna River	80.39	39	I	Amb	I	Amb	17 23 47.4
NJ2	Nanjing	80.40	308	eP				17 23 46.2 +1.2
NJ2								
L16K	Owhat River	80.40	8	I	Amb	I	Amb	17 23 47.5
CBB	Campbell River	80.69	30	I	Amb	I	Amb	17 23 49.0
PGC	Sidney	80.71	32	P		P		17 23 46.8 +0.6
PGC								17 23 48.9
K15K	Kotia Tinggi	80.73	6	P		P		17 23 47.3 +1.2
SLKM	Skilak Lake	80.77	12	I	Amb	I	Amb	17 23 48.3
DLV	Lat	80.99	286	I	Amb	I	Amb	17 23 51.2
G08A	Pilot Rock	81.00	36	I	Amb	I	Amb	17 23 50.8
A04D	Lummi Island	81.13	32	I	Amb	I	Amb	17 23 52.0
L18K	Sancti Mouna	81.26	9	I	Amb	I	Amb	17 23 51.9
E07A	Sunnyside	81.27	35	I	Amb	I	Amb	17 23 52.1
HAWA	Hanford	81.34	35	I	Amb	I	Amb	17 23 52.5
STLK	Strandline Lak	81.38	11	I	Amb	I	Amb	17 23 50.6
L19K	White Mountain	81.50	9	P		P		17 23 50.4 +0.2
K17K	Iditarod	81.52	8	I	Amb	I	Amb	17 23 52.8
LNOR	Linton Mountain	81.73	36	I	Amb	I	Amb	17 24 53.4
BTFD	Bukit Timah Da	81.93	274	P		P		17 23 54.2 +0.7
M22K	Willow	81.94	12	P		P		17 23 52.3 0.0
BNX	BinXian	81.97	323	↑P				17 23 54.4 +1.5
MYKOM	Kota Tinggi	81.99	274	I	Amb	I	Amb	17 23 55.6
MYKOM	Kota Tinggi	81.99	274	P		P		17 23 54.8 +1.0
CN2	Changchun	82.00	321	P		P		17 23 54.8 +1.7
D08A	Wollman Fan	82.08	35	I	Amb	I	Amb	17 23 56.2
J17K	Magadan	82.08	7	I	Amb	I	Amb	17 23 56.3
M2A2	Magadan	82.12	343	P		P		17 23 54.1 +0.7
MA2	Magadan	82.12	343	P		P		17 23 53.6 +0.2
MA2								17 26 09.4
MA2	Magadan	82.12	343	P		P		17 23 54.0 +0.6
GHO	Glory Ho	82.19	12	I	Amb	I	Amb	17 23 55.8
DIV	Divide	82.29	14	I	Amb	I	Amb	17 23 56.2
F10A	Beach Ranch, E	82.38	37	I	Amb	I	Amb	17 23 57.4
BMRM	Bremner River	82.42	14	I	Amb	I	Amb	17 23 57.0
J18K	Innok River	82.45	8	I	Amb	I	Amb	17 23 57.7
SCM	Sheep Creek Mo	82.57	13	P		P		17 23 55.6 -0.2
SCM								17 23 58.6
CRQM	Cirque	82.59	15	I	Amb	I	Amb	17 23 58.2
K20K	Telida	82.73	9	I	Amb	I	Amb	17 23 58.8
SRU	San Rafael Swe	82.85	45	I	Amb	I	Amb	17 23 58.3 +0.4
VRDI	Vred Repeater	82.92	15	I	Amb	I	Amb	17 23 59.8

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GRNC	Granite Creek	82.92	16	I	Amb	I	Amb	17 24 00.0
GLB	Gilahina Butte	83.02	15	I	Amb	I	Amb	17 24 00.1
J19K	Poom	83.11	9	I	Amb	I	Amb	17 24 01.3
CAST	Castle Rocks	83.11	10	I	Amb	I	Amb	17 23 59.1
P29M	Windy Craggy	83.12	18	I	Amb	I	Amb	17 24 01.5
LOGN	Logan Glacier	83.20	16	I	Amb	I	Amb	17 24 01.4
BARN	Barnard Glacier	83.23	16	I	Amb	I	Amb	17 24 01.7
TCUT	Toone Canyon	83.28	43	I	Amb	I	Amb	17 24 03.5
PV05	Paradox Valley	83.32	47	I	Amb	I	Amb	17 24 04.3
O28M	Mount Upton	83.37	16	I	Amb	I	Amb	17 24 01.9
HWUT	Hardware Ranch	83.43	43	P		P		17 24 00.6 -0.3
O29M	Mount Kennedy	83.43	17	I	Amb	I	Amb	17 24 02.5
TXAR	Lajitas Array	83.44	56	P		P		17 24 02.5 +1.4
TXAR	Lajitas Array	83.44	56	P		P		17 24 03.0 +2.0
KTH	Kentia Hill	83.44	11	I	Amb	I	Amb	17 24 01.4
TRF	Thorafore Moun	83.46	11	I	Amb	I	Amb	17 24 01.8
H17K	Granite Mounta	83.48	6	I	Amb	I	Amb	17 24 02.6
J20K	Nowinta River	83.50	9	I	Amb	I	Amb	17 24 02.8
PV19	Morning Glory	83.51	46	I	Amb	I	Amb	17 24 05.2
PV18	Skein Mesa, Pa	83.53	46	I	Amb	I	Amb	17 24 05.2
PV20	West Nyswonger	83.53	46	I	Amb	I	Amb	17 24 05.2
PV23	Carpenter Ridg	83.56	46	I	Amb	I	Amb	17 24 05.9
PV02	Paradox Valley	83.63	47	I	Amb	I	Amb	17 24 14.2
PV12	Saucer Basin	83.64	46	I	Amb	I	Amb	17 24 05.4
DHY	Denali Highway	83.68	12	I	Amb	I	Amb	17 24 03.5
G16K	Koyuk River	83.69	5	P		P		17 24 01.2 -0.1
G16K								17 24 03.9
ALQ	Albuquerque	83.74	50	I	Amb	I	Amb	17 24 06.7
ANMO	Albuquerque	83.74	50	P		P		17 24 02.3 -0.3
ANMO	Albuquerque	83.74	50	P		P		17 24 05.1 +2.5
H18K	Honhosa River	83.86	7	I	Amb	I	Amb	17 24 03.9
S34M	Telegraph Cree	83.93	22	I	Amb	I	Amb	17 24 05.8
M26K	Nabesna, AK	84.05	14	I	Amb	I	Amb	17 24 06.2
HYT	Haines Junctio	84.16	18	I	Amb	I	Amb	17 24 06.8
M27K	Edge Creek, AK	84.28	15	I	Amb	I	Amb	17 24 07.4
Q32M	Nakina River	84.32	21	I	Amb	I	Amb	17 24 07.7
MENT	Mentana	84.34	14	I	Amb	I	Amb	17 24 07.3
PDSI	Padang	84.38	271	P		P		17 24 06.3 +0.3
G18K	Tagawik	84.55	7	I	Amb	I	Amb	17 24 07.8
SEY	Seymchan	84.58	346	P		P		17 24 06.9 +1.1
HEH	Heihe	84.63	327	eP				17 24 05.8 -0.6
HEH								
NLA2	Nenana	84.72	11	I	Amb	I	Amb	17 24 08.7
DEMT	Dillon	84.74	39	I	Amb	I	Amb	17 24 10.3
I21K	Tanana	84.77	10	I	Amb	I	Amb	17 24 08.8
WHY	Whiters	84.80	19	I	Amb	I	Amb	17 24 09.9
MAW	Mawson	84.82	199	P		P		17 24 06.5 -0.6
MAW	Mawson	84.82	199	P		P		17 24 07.4 +0.2
MAW	Mawson	84.82	199	P		P		17 24 06.2 -1.0
MLY	Manley	84.83	10	I	Amb	I	Amb	17 24 08.5
LDM	Libby Dam	84.87	35	I	Amb	I	Amb	17 24 10.3
L27K	Beaver Creek	84.89	15	I	Amb	I	Amb	17 24 08.9
BGR	Beaver Creek	84.91	15	I	Amb	I	Amb	17 24 08.1 +0.6
G19K	Purcell Mouna	84.97	7	I	Amb	I	Amb	17 24 10.3
H21K	Melozitna Riv	85.09	9	I				

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, INKA Innamincka, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BLEU Delary, JIHU Itakohinouch, JHJU Sammamutsuo, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LEIR Leirfjorden, KONS Konsvik, VAGH Vaagaholmen, etc.

Table with columns: EKA, Eskdalemir Ar, 142.46, 4, PKhKP, PKPpre, 19 31 21.7, ...

Table with columns: MYKA, Terra Mystica, 149.64, 343, ePKP, PKPbc, 19 31 42.5 -0.8, ...

IDC 03 19:37:38.1±7.2, 6.09S; 149.78E, h75km, 51km, mb3.6/3, ...

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time, Res, ISC, ...

NEIC 03 19:41:30.7±1.6, 45.78N, 106.63W, h0km, 2.1km, ...

IDC 03 19:41:31.2±2.1, 45.85N, 106.68W, h0km, mbmp3.1/3, ...

IDC 03 19:41:29.0±1.1, 45.386N, 106.71W, h0km, n16, ...

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time, Res, ISC, ...

TAP 03 19:45:43.0, 24.10N, 122.30E, h52km, ML2.5, C, ...

JMA 03 19:45:42.8, 0.1, 24.1N, 122.3E, h49km, 3km, ...

IDC 03 19:45:43.5±1.3, 24.08N, 122.30E, h48km, 7km, ...

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time, Res, ISC, ...

Table with columns: WARB, Finglin Townsh, 0.91, 247, eP, S, Pn, 19 45 59.7 -0.3, ...

IDC 03 20:08:41.8±1.7, 1.06N, 125.11E, h0km, mb3.2/4, ...

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time, Res, ISC, ...

IDC 03 20:14:39.6±1.1, 34.38N, 26.10E, h0km, mb3.7/8, ...

ISK 03 20:14:40.8, 34.19N, 26.27E, h11km, ML2.6/7, ...

IDC 03 20:14:40.4±1.1, 34.22N, 26.28E, h10km, n16, ...

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time, Res, ISC, ...

MMAI, ESCD, Sonca Array, 24.73, 292, P, AML, AML, ...

HFS, Hagfuo, 27.26, 346, P, AML, AML, ...

FINES, FINESS Array B, 27.30, 360, P, AML, AML, ...

TORD, Torodi Ar. Bea, 30.58, 233, P, AML, AML, ...

KURBB, Kurchatov Arra, 41.05, 50, P, AML, AML, ...

MKAR, Makanchi Array, 58.86, 327, P, AML, AML, ...

ZALV, Zalesovo Beam, 45.04, 45, P, AML, AML, ...

SONMI, Sonmigo Array, 59.41, 50, P, AML, AML, ...

IDC 03 20:18:12.8±1.6, 14.91N, 56.66E, h0km, mb3.6/6, ...

IDC 03 20:18:14.4±1.6, 14.93N, 56.72E, h10km, n9, c047/6, ...

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time, Res, ISC, ...

Table with columns: WRA, ASAR, Time, Res, etc. Includes Warramunga Arr and Alice Springs.

ICD 03 20:25:22.8, 0.9, 14.141N; 56.35E, h0km, mb3.9/18, bmtmp3.9/18, MS3.7/29, Error ellipse: s-maj=22.3km s-min=17.2km az=32.0

NEIC 03 20:25:25.4, 1.1, 14.52N; 0.09; 56.24E; 0.09, h10km; 1km, mb4.5/28, Error ellipse: s-maj=16.6km s-min=13.8km az=134.0

GFZ 03 20:25:26.7, 0.4, 14.14N; 7.56E, h10km, M4.7/30, mb4.5/30

GCMT 03 20:25:27.4, 0.4, 14.50N; 0.03; 56.40E; 0.04, h21km; 1km, MW4.7/77, Moment Tensor Solution. s19.c19; s77.c103; Duration: 0 Moment tensor: Scale 10^19Nm; Mrr-1.59; Mtr-1.07; Mtt-0.8; Mtt-0.52; Mtt-0.39; Mtt-0.2; Mtt-0.58; 0.4; Mrr-0.28; 1.4; Best double couple: Mo1.576000x10^16

OMAN 03 20:25:32.1, 0.1, 14.93N; 56.10E, h10km, mb3.6/17, m7.75, ms3.6/8 Error ellipse: s-maj=2.3km s-min=1.4km az=8.0

ISC 03 20:25:24.7, 0.4, 14.48N; 0.06; 56.21E; 0.05, h10km, n214, r1569/186, mb4.4/85, MS3.6/31, Owen Fracture Zone region

Main table for 203, listing seismic events with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, etc.

Main table for 2020 SEP, listing seismic events with columns: Station Name, Time, Res, etc.

Main table for 3d 20h, listing seismic events with columns: Station Name, Time, Res, etc.

UCR 03 20:28:08.3, 1.4, 9.39N; 84.84W, h0km, mb3.5/5, bmtmp3.5/6, ML3.2/1, MS3.3/3, Error ellipse: s-maj=33.7km s-min=19.8km az=73.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like COAO Cobano, PAQE Paquera, ENAS Puntarenas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ANVS Anan'yev, ANVS Anan'yev, ANVS Anan'yev.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SATY Saty, SATY Saty, SATY Saty, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SALAN Lac Salanfe, SALAN Lac Salanfe, SALAN Lac Salanfe, etc.

GEN 03 20:36:35.8, 45:88N:6:99E, h4km, Ml2.1
ZUR 03 20:36:36.7, 45:87N:6:99E, h1km, Ml2.5/137, Error
ellipse: s-maj=1229.0km s-min=464.9km az=263.0
ROM 03 20:36:36.5, 0.2, 45:86N:0:009:7:02E:0.01, h8km,
Ml2.1/30, Error ellipse: s-maj=1.0km s-min=0.9km
az=312.0
PRU 03 20:36:37.9, 44:53N:9:42E, h0km
STR 03 20:36:37.0, 0.0, 45:85N:0:03:7:01E:0.04, h5km,
Ml2.4/36, LOCSAT earthModelID alpes_taup-2.11
preliminary
LDG 03 20:36:37.4, 0.1, 45:85N:7:05E, h2km, Md2.8/2, Ml2.8/28,
Error ellipse: s-maj=1.7km s-min=1.4km az=104.0
ISC 03 20:36:36.6, 0.6, 45:85N:0:010:7:00E:0.01, h4km, 4km,

Table with columns: Station Name, Magnitude, Time, Location, and other parameters. Includes stations like Passo dei Sala, Obere Abschlaef, Traversella, and various locations in the Piedmont region.

Table with columns: Station Name, Magnitude, Time, Location, and other parameters. Includes stations like Bricherasio, Grenoble, Mont Rivet, and various locations in the Alps and Piedmont region.

Table with columns: Station Name, Magnitude, Time, Location, and other parameters. Includes stations like Haudompre, Signal de Mont, Echery, and various locations in the Alps and Piedmont region.

Technical notes and metadata including station coordinates, error ellipses, and observation details. Example: 'IDC 03 20:36:53.8±0.9, 14°36'N:56°39'E, h0km, mb3.8/15, mbtmp3.8/15, Error ellipse: s-maj=22.5km s-min=19.7km az=42.0'.

Summary table with columns: Code, Station Name, Magnitude, Time, Location, and other parameters. Lists stations like UOSS, RAYN, HRA, KBL, LODK, and NIL.

Table with columns for station name, coordinates, elevation, and various status indicators (L, P, S, etc.). Includes stations like GOMU, TNCH, DLV, and MKAR.

Table with columns for station name, coordinates, elevation, and various status indicators. Includes stations like D19K, E19K, MAKZ, SEM, and KURB.

Table with columns for station name, coordinates, elevation, and various status indicators. Includes stations like GHO, WUS, SATY, SML, and BORK.

3d 21h

Table with columns for call sign, frequency, power, and other technical details. Includes call signs like AAK, AAK, AAK, etc.

2020 SEP

Table with columns for call sign, frequency, power, and other technical details. Includes call signs like CHM, CHM, CHM, etc.

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Table with columns for call sign, frequency, power, and other technical details. Includes call signs like APA, APA, APA, etc.

Thera	Ancient Thera,	1.96 297	P	Pn	22 41 48.3 +1.0	NATA	2.1nm,0.5s	AML	AML	22 43 09.6	ASF	Jabal al Asfar	8.39 111	Pn	Pn	22 43 14.9 -0.7	
Thera			S	Sb	22 42 13.3 -0.8	NATA		AML	AML	22 43 17.2	ASF	comp=Z,1.2nm,0.3s,baz=293,slow=21,SNR=16	Sn	Sn	22 44 49.6 -0.8		
Thera	Ancient Thera,	1.96 297	P	Pn	22 41 48.2 +1.0	BALY	1.3nm,0.6s	P	Pn	22 42 19.9 +1.4	ASF	comp=Z,0.5nm,0.3s,baz=142,slow=22,SNR=1.6	Pn	Pn	22 43 13.8 -1.8		
CAME	Cameil-Denizli	1.97 43	Pn	Pb	22 41 48.9 -1.1	TROD	Troodos	4.23 360	P	Pn	22 42 18.9 -0.9	YTVT	Yotvata	8.39 130	P	Pn	22 43 16.0 -0.8
DDIM	Aydin, Didim	1.98 351	P	Pn	22 41 47.9 +0.4	TROD	TROD	4.31 96	S	Sn	22 43 10.0 -0.2	EIL	Elat	8.48 131	Pn	Pn	22 44 47.1 -5.3
DDIM			S	Sb	22 42 15.0 +0.3	TROD			S	AML	22 43 19.4	EIL	comp=Z,3.7nm,0.3s,baz=341,slow=10,SNR=39	Sn	Sn	22 44 16.9 +0.1	
			IAML	IAML	22 42 19.0	TROD	0.7nm,0.5s	AML	AML	22 43 28.4	EIL	Elat	8.48 131	P	Pn	22 43 14.8 -2.0	
KNIK	Muta-Seydike	2.06 49	P	Pn	22 41 49.6 +0.8	APOL	The Sanctuary	4.36 99	P	Pn	22 42 19.8 -0.5	EIL	Elat	8.48 131	P	Pn	22 44 19.9 +1.4
CAEL	Denizli, Camel	2.11 40	P	Pn	22 41 50.9 +1.5	APOL			S	AML	22 43 18.6	EIL	Elat	8.48 131	P	Pn	22 43 27.5 -1.9
IACM	Heraklion	2.11 265	P	Pn	22 42 19.6 +1.1	APOL	0.5nm,0.5s	AML	AML	22 43 19.7	ICOR	Ion Corvin	8.60 1	P	Pn	22 43 29.2 -0.4	
IACM			S	Sb	22 41 50.4 +1.1	APOL			S	AML	22 43 20.1	TIP	Tempagrande	9.41 286	P	Pn	22 43 35.8 +3.0
IACM			S	Sb	22 42 17.6 -0.9	APOL			S	AML	22 43 22.0	TIP	Tempagrande	9.41 286	P	Pn	22 43 35.7 +2.0
AYDN	Tasuluk	2.16 5	P	Pn	22 41 51.5 +1.4	AYDN	0.4nm,0.4s	AML	AML	22 43 30.8	VOIR	Arges	10.12 350	P	Pn	22 43 37.6 -1.7	
AYDN	Tasuluk	2.16 5	P	Pn	22 41 50.9 +0.9	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.3nm,0.7s	Sn	Sn	22 43 46.0 +1.0	
TAVA	DENIZLI_Tavas	2.21 27	P	Pn	22 41 52.9 -1.3	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
TAVA			S	Sb	22 42 22.7 +1.2	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.3nm,0.7s	Sn	Sn	22 43 46.0 +3.0	
			IAML	IAML	22 42 32.0	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
ELL	Elmali	2.22 55	Pn	Pn	22 41 52.5 +1.6	AYDN	0.5nm,0.4s	AML	AML	22 43 30.5	VOIR	comp=Z,4.3nm,0.7s	Sn	Sn	22 43 46.0 +3.0		
ELL			AML	AML	22 41 52.3 +1.4	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
ELL	Elmali	2.22 55	P	Pn	22 42 18.3 0.0	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
ELL			S	Sb	22 42 51.0 +1.0	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM	G?zelcaml?	2.22 352	Pn	Pn	22 41 51.2 +0.5	AYDN	0.3nm,0.7s	AML	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0		
GCAM			Pn	Pn	22 41 52.7 +1.3	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM	G?zelcaml?	2.22 352	P	Pn	22 42 22.1 -0.8	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 53.8 -1.2	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 42 22.8 0.0	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 52.7 +1.3	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 42 21.2 +2.0	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 54.0 +1.6	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 53.4 +1.1	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 54.5 +1.8	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 56.0 -0.7	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 42 25.6 -0.3	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 53.9 +1.0	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 55.2 +1.1	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 56.1 +1.2	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 58.1 +2.0	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 56.1 +1.2	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 58.1 +2.0	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 56.1 +1.2	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 58.1 +2.0	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 56.1 +1.2	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 58.1 +2.0	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 56.1 +1.2	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 58.1 +2.0	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 56.1 +1.2	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 58.1 +2.0	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 56.1 +1.2	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 58.1 +2.0	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 56.1 +1.2	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 58.1 +2.0	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 56.1 +1.2	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 58.1 +2.0	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 56.1 +1.2	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 58.1 +2.0	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 56.1 +1.2	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 58.1 +2.0	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 56.1 +1.2	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 58.1 +2.0	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 56.1 +1.2	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 58.1 +2.0	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 56.1 +1.2	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 58.1 +2.0	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 56.1 +1.2	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 58.1 +2.0	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 56.1 +1.2	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 58.1 +2.0	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 56.1 +1.2	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 58.1 +2.0	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 56.1 +1.2	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 58.1 +2.0	AYDN			S	AML	22 43 30.5	VOIR	comp=Z,4.0nm,1.1s	Sn	Sn	22 43 46.0 +3.0	
GCAM			Pn	Pn	22 41 56.1 +1.2	AYDN											

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ZALV, MKAR, MJJR, etc.

IDC 03 22:52:19.7-0.6, 60.50S, 25.82W, h0km, mb4.5/12, mbmp4.5/14, ML4.9/2, MS4.0/16, Error ellipse: s-maj=20.8km s-min=13.8km az=59.0

NEIC 03 22:52:19.8-2.1, 60.35S, 0.07-25.4W, 0.2, h10km, 1km, mb4.9/39, Error ellipse: s-maj=17.4km s-min=4.5km az=47.0

GCMT 03 22:52:24.8-0.4, 60.75S, 0.02-24.94W, 0.03, h12km, MW4.8/86, Moment Tensor Solution. s10,c11; s86,c114; Duration: 0 Moment tensor: Scale 10^19Nm; M1=0.29e-08; M2=0.72e-08; M3=0.101e-07; M4=0.34e-20; M5=1.52e-05; M6=1.52e-24; Best double couple: M2:24800; 10^16 Np1=80.00000; s1=0.00000; t1=1.00000; Np2=0.00000; s2=0.00000; t2=1.00000; Principal axes: T 2.6540, P1g27.0000; Azm297.0000; N -0.8170, P1g51.0000; Azm168.0000; P -1.8370, P1g26.0000; Azm41.0000; nst1 refers to body waves, cutoff=40s, nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 03 22:52:19.8-0.4, 60.46S, 0.07-25.46W, 0.08, h10km, n93, s216/74, mb4.8/26, MS4.1/15, 8C, South Sandwich Islands region

Main table for station 217, listing station names, azimuths, elevations, phase IDs, and times. Includes stations like HOPE, ORCD, VNA1, etc.

Table for station 404, listing station names, azimuths, elevations, phase IDs, and times. Includes stations like H04S1, BOSA, BOSA, etc.

ASAR Alice Springs 94.51 161 P 23 05 40.4 +0.2

RPSI Rantau Prapat 106.67 120 P 23 06 32.5 -1.1

CD2 Chengdu 135.50 108 PKP PKP 23 11 39.0 -0.5

ILAR Eielson Array 153.57 305 PKP PKP 23 12 19.4 +2.5

ILAR Eielson Array 153.57 305 PKP PKP 23 12 19.4 +2.5

F25K Christian River 153.81 311 PKP PKP 23 12 20.5 +3.0

KRSC 03 22:55:46.9-0.6, 55.39N, 162.93E, h55km, 17km, MI3.7, Near east coast of Kamchatka Peninsula

Main table for station 404, listing station names, azimuths, elevations, phase IDs, and times. Includes stations like KBTR, MKZ, Zelenya, etc.

Table for station AC06, listing station names, azimuths, elevations, phase IDs, and times. Includes stations like AC06, G003, etc.

LCO Las Campanas 1.49 151 eP 22 57 38.0 +1.4

LCO Las Campanas 1.49 151 eP 22 57 53.7 -2.7

LCO Las Campanas 1.49 151 eP 22 57 54.0 -1.4

AC01 Pan de Azucar 1.77 28 eP 22 57 39.1 -1.6

AC02 Maricunga 2.31 68 eP 22 57 37.9 -1.1

AC02 Maricunga 2.31 68 eP 22 58 20.0 0.0

AC02 Maricunga 2.31 68 eP 22 57 51.6 -0.6

AC02 Maricunga 2.31 68 eP 22 58 19.6 +2.6

AC02 Maricunga 2.31 68 eP 22 58 22.7 0.0

AC02 Maricunga 2.31 68 eP 22 57 54.3 -0.5

AC01 Pan de Azucar 1.77 28 eP 22 57 39.1 -1.6

AC02 Maricunga 2.31 68 eP 22 57 37.9 -1.1

AC02 Maricunga 2.31 68 eP 22 58 20.0 0.0

AC02 Maricunga 2.31 68 eP 22 57 51.6 -0.6

AC02 Maricunga 2.31 68 eP 22 58 19.6 +2.6

AC02 Maricunga 2.31 68 eP 22 58 22.7 0.0

AC02 Maricunga 2.31 68 eP 22 57 54.3 -0.5

AC01 Pan de Azucar 1.77 28 eP 22 57 39.1 -1.6

AC02 Maricunga 2.31 68 eP 22 57 37.9 -1.1

AC02 Maricunga 2.31 68 eP 22 58 20.0 0.0

AC02 Maricunga 2.31 68 eP 22 57 51.6 -0.6

AC02 Maricunga 2.31 68 eP 22 58 19.6 +2.6

AC02 Maricunga 2.31 68 eP 22 58 22.7 0.0

AC02 Maricunga 2.31 68 eP 22 57 54.3 -0.5

AC01 Pan de Azucar 1.77 28 eP 22 57 39.1 -1.6

AC02 Maricunga 2.31 68 eP 22 57 37.9 -1.1

AC02 Maricunga 2.31 68 eP 22 58 20.0 0.0

AC02 Maricunga 2.31 68 eP 22 57 51.6 -0.6

AC02 Maricunga 2.31 68 eP 22 58 19.6 +2.6

AC02 Maricunga 2.31 68 eP 22 58 22.7 0.0

AC02 Maricunga 2.31 68 eP 22 57 54.3 -0.5

AC01 Pan de Azucar 1.77 28 eP 22 57 39.1 -1.6

AC02 Maricunga 2.31 68 eP 22 57 37.9 -1.1

AC02 Maricunga 2.31 68 eP 22 58 20.0 0.0

AC02 Maricunga 2.31 68 eP 22 57 51.6 -0.6

AC02 Maricunga 2.31 68 eP 22 58 19.6 +2.6

AC02 Maricunga 2.31 68 eP 22 58 22.7 0.0

AC02 Maricunga 2.31 68 eP 22 57 54.3 -0.5

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KAHZ, KRHX, KATZ, BHHZ, etc.

NEIC 03 23:35:56.42.51.26N.0.04:178.38W.0.05, h35km, 1km, mb4.4/344, ML4.6/14, ML4.4(AEIC), Error ellipse: s-maj=7.1km s-min=4.6km az=164.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GAKI, GAKI, GALAA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ADK, ETKA, AMKA, CETU, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KODAK, KODAK, KODAK, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IMAR, Indian Mountai, H21K, etc.

4d 0h

2020 SEP

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like I04A Tendick Farm, NB201 NORSAR Array S, NC204 NORSAR Array S, etc.

Table with columns: FCC, Name, Date, Time, Status, Location, etc. Includes entries like FCC Fort Churchill, PLOR Plostina, PLOH Plostina, etc.

Table with columns: YMR, Name, Date, Time, Status, Location, etc. Includes entries like YMR Madison River, ELK Elko, ELK Elko, etc.

Table of astronomical observations for 4d 0h, listing station codes (e.g., H04N1, H04N3), station names (e.g., CROZET ISLANDS), coordinates, and observation times.

Table of astronomical observations for 2020 SEP, listing station codes (e.g., PSZ, ARTI), station names (e.g., Piszkesteto, Arti), coordinates, and observation times.

Table of astronomical observations for 2020 SEP, listing station codes (e.g., DVHZ, TWZ), station names (e.g., Dannevirke, Tauere), coordinates, and observation times.

Technical details for the Honshu station, including coordinates, observation times, and data processing parameters.

ASAR Alice Springs 59.52 182 P 00 40 25.3 +0.6
FINES FINESSE Array B 67.59 331 P 00 41 16.9 -0.7
PDAR Pinedale Array 81.24 43 P 00 42 38.2 +0.5

JOW Kunigami 33.29 360 P 00 51 02.2 -0.8
CAN Canberra 34.26 149 P 00 51 12.8 +1.5
KRSR Korea Array 43.85 159 P 00 52 30.3 -0.4

PB02 IPOC Station P 3.84 310 eS Pn 00 48 19.7 +2.0
PB02 IPOC Station P 3.84 310 eS Pn 00 49 03.8 -0.8
PB01 Pan de Azucar 4.20 236 eS Pn 00 48 19.8 +2.0

ZUR 04 00:43:54.1, 45:87N, 6:99E, h0km, 1km, MLH0.17, 3C, Error ellipse: s-maj=2882.6km s-min=863.5km az=67.0, France

XLT XLT 51.54 349 eP pmax P 00 53 28.8 -0.5
ULN Ulanbataar 57.46 343 P P 00 54 12.4 +0.7
SONM Songino Array 57.62 343 P P 00 54 13.1 +0.3

AC01 Pan de Azucar 4.20 236 eP Pn 00 48 23.1 +1.0
AC01 Pan de Azucar 4.20 236 eS Pn 00 48 23.1 +1.0

BLANC P.ta Helbronne 0.04 234 Op P 00 43 55.4 +0.3
MRGE Morge 0.11 153 P P 00 43 56.7 +0.4
MRGE Morge 0.12 152 P P 00 44 00.3 +0.2

USRK USSuriysk Ar. 50.73 3 P P 00 53 22.4 -0.7
XLI XiLinHaoTe 51.54 349 eP pmax P 00 53 28.8 -0.5
ULN Ulanbataar 57.46 343 P P 00 54 12.4 +0.7

TINO Tinogasta 4.29 190 eP Pn 00 48 26.3 +3.0
PB08 IPOC Station P 4.30 328 eS Pn 00 48 26.7 +2.9

LDG 04 00:43:57.8:0.1, 45:84N, 7:00E, h2km, Md1.9/2, MI1.0/1, Error ellipse: s-maj=2.4km s-min=2.0km az=107.0

ZALV Zalesovo Beam 70.57 334 P P 00 55 35.1 -1.4
KURBB Kurchatov Arra 71.38 329 P P 00 55 40.7 -0.8

GO01 Chusmiza 4.72 331 eS Pn 00 48 31.8 +2.5
GO01 Chusmiza 4.72 331 eS Pn 00 48 31.8 +2.5

STR 04 00:43:57.8:0.0, 45:39N, 0:1.639E, 0:09, h2km, MLV0.8/6, 3C, LOCSTAT earthModelID alpes_taup-2.11 preliminary, France

ZALV Zalesovo Beam 70.57 334 P P 00 55 35.1 -1.4
KURBB Kurchatov Arra 71.38 329 P P 00 55 40.7 -0.8

PB11 IPOC Station P 4.87 326 eS Pn 00 48 31.5 +0.7
PB11 IPOC Station P 4.87 326 eS Pn 00 48 31.5 +0.7

BLANC P.ta Helbronne 0.04 233 Op P 00 43 58.0 +0.0
BLANC P.ta Helbronne 0.04 233 P P 00 43 58.0 +0.0
MRGE Morge 0.12 152 P P 00 44 00.3 +0.2

VNDA Vanda 72.98 173 P P 00 55 49.8 -0.7
BVAR Borovoye Arry 76.92 328 P P 00 55 49.7 -0.8
GSPA South Pole Qui 83.31 180 P P 00 56 45.9 -1.5

GO03 Copiapo 4.91 219 Pn 00 48 31.3 +0.2
VCA Vinchina 5.07 195 eP Pn 00 48 36.0 +2.7
PSGCX Pisagua 5.25 323 eS Pn 00 48 36.4 +0.8

NEIC 04 00:44:50.3:1.2, 6:61S:0:08, 128:40E:0:08, h272km, gkm, mb4.2/26, Error ellipse: s-maj=12.4km s-min=10.5km az=133.0

ICD 04 00:47:18.0:1.7, 23:72S:66:57W, h192km, 18km, mb3.3/4, mbmp3.8/9, Error ellipse: s-maj=27.7km s-min=13.8km az=99.0

BR02 Brasilia 19.40 69 P P 00 51 28.3 -1.2
BR02 Brasilia 19.40 69 P P 00 51 27.7 -1.8

DJA 04 00:44:51.2:0.2, 7:53:12:8E, h256km, 8km, M4.4/13, mb4.5/13, mb4.8/16, MLV4.5/13, Mw(mb)4.1/6

SJA 04 00:47:18.0:1.7, 23:72S:66:57W, h192km, 18km, mb3.3/4, mbmp3.8/9, Error ellipse: s-maj=27.7km s-min=13.8km az=99.0

GO07 Miraflores 20.07 195 P P 00 51 36.2 -0.2
SNA4 San Nicolas 59.44 161 P P 00 57 00.7 +0.9

ISC 04 00:44:48.6:0.5, 6:66S:0:05, 128:36E:0:06, h250km, n64, #1560, mb4.2/25, Banda Sea

NEIC 04 00:47:18.0:1.7, 23:72S:66:57W, h192km, 18km, mb3.3/4, mbmp3.8/9, Error ellipse: s-maj=27.7km s-min=13.8km az=99.0

TXAR Lajitas Array 63.68 324 P P 00 57 29.0 +0.2
R40A Maddies Station 66.27 338 P Iamb Iamb 00 57 44.5 -0.7

Code Station Name Az AZZ Phase ID Time Res
SAUI Saumlaki 3.19 114 Pn P 00 45 46.0 +2.7
KRAI Karang Ratu 3.32 31 P P 00 45 49.1 +4.4

Code Station Name Az AZZ Phase ID Time Res
SALTA SALTA 0.54 138 eP P 00 47 48.9 +3.5
HJA Humahuaca 1.36 63 eP Pn 00 47 47.4 -3.1

Code Station Name Az AZZ Phase ID Time Res
BARC Barichara 0.28 193 P P 00 05 48.4 +0.5
BARC Barichara 0.28 193 S Sn 01 06 03.7 -0.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ANCO, MURT, SJPY, LL06, COIM, SIV, PTGB, VILB, CZSB, etc.

IDC 04 01:13:25.9-4.0, 6.10S:130.48E, h110km, 37km, mb3.9/13, mbmp4.4/16, Error ellipse: s-maj=32.2km s-min=13.2km az=67.0.
DJA 04 01:13:29.0-2.2, 6.2S:2.13'0E, h175km, 5km, M4, 9/15, mb3.3/6, mb4.8/10, MLV=0.15, M(W)B=4.7/6.
NEIC 04 01:13:30.7-1.6, 6.13S:0.07S:130.40E:0.05, h151km, 7km, mb4.4/22, Error ellipse: s-maj=10.4km s-min=7.3km az=197.0.
ISC 04 01:13:29.5-0.4, 6.21S:0.04S:130.51E:0.05, h150km, n82, o192/83, mb4.2/23, Banda-L350

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BNDI, SAUI, AAI, FAKI, SWI, DRS, SOEI, etc.

Table with columns: LPAZ, La Paz, 151.02 141, PKIKP, 01 33 08.1 +1.0. Includes station details for Kamchatka Peninsula, Indonesia, and other regions.

msH4.9/6
ISC 04:02:22:03.8-0.6, 43.78N, 104.142:03E:0.04, h186km, 5km,
m64, 0.677/83, mb3.7/19, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the specified earthquake.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the specified earthquake.

IDC 04 02:28:14.0:1.8, 24.08S:67.25W, h190km, 18km, mb3.4/4,
mbtmp4.0/9, Error ellipse: s-maj=24.6km s-min=14.9km
az=100.0
SJA 04 02:28:15.7:0.6, 24.20S:67.11W, h196km, 6km, ML3.9,
MW3.7
NEIC 04 02:28:15.7:1.8, 24.17S:0.04:67.11W:0.1, h203km, 7km,
mb4.2/10, ML4.2(GUC), Error ellipse: s-maj=15.1km
s-min=6.5km az=87.0
GUC 04 02:28:17.4:0.7, 24.12S:67.36W, h220km, 6km, ML4.2
ISC 04 02:28:14.0:1.8, 24.16S:0.04:67.07W:0.04, h202km, 7km,
n81, c154/104, mb4.2/6, 5C-2D, Chile-Argentina border
region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the specified earthquake.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the specified earthquake.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the specified earthquake.

IDC 04 02:56:26.2:1.9, 6.57S:128.84E, h0km, mb3.8/1,
mbtmp4.1/3, ML3.6/2, Error ellipse: s-maj=124.2km
s-min=24.4km az=66.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the specified earthquake.

IDC 04 02:57:50.9:0.7, 27.51S:71.32W, h0km, mb4.3/8,
mbtmp4.2/13, ML3.9/5, MS3.4/5, Error ellipse:
s-maj=19.4km s-min=12.1km az=81.0
SJA 04 02:57:50.1:0.7, 27.65S:71.81W, h31km, 4km, ML4.5,
MW4.6
NEIC 04 02:57:52.6:2.7, 27.77S:0.02:71.50W:0.05, h10km, 1km,
mb4.8/17, Mw4.2/41, Mw4.4(GUC), Error ellipse:
s-maj=7.4km s-min=3.9km az=97.0, Moment Tensor
Solution: Moment tensor: Scale 10^19Nm, M2:0.02,
Mw:0.43, Ms:2.52, Mw:0.48, Mw:0.25, Mw:1.11; Fault
plane solution: M2:64000.0*10^15 Np1:~26000*,
332.99000*, 1108.92000*. NP2:~165.03000*, 859.00000*,
178.11000*. Principal axes: T:2.4286, P1g73.0000*,
Az45.0000*, N:0.3850, P1g10.0000*, Azm171.0000*; P
-2.8137, P1g13.0000*, Azm264.0000*;
NEIC 04 02:57:52.3:2.7, 27.77S:71.58W, h10km
GUC 04 02:57:55.1:0.5, 27.82S:71.40W, h28km, 2km, ML4.2
VAO 04 02:58:06.3:1.6, 26.71S:70.25W, h26km, 3km, mb4.6,
Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the specified earthquake.

ISC 04 02:57:52.3:1.0, 27.77S:0.02:71.48W:0.04, h12km, 6km,
n123, c281/145, mb4.5/17, MS3.4/3, 7C-4D, Near coast of
northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the specified earthquake.

IDC 04 02:22:43.7:1.0, 62.20N:124.57W, h0km, mb3.1/2,
mbtmp3.3/5, ML3.6/3, Error ellipse: s-maj=16.7km
s-min=12.4km az=120.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the specified earthquake.

ISC 04 02:22:43.8:0.9, 62.29N:124.61W:0.09, h8km, n7,
c180/8, Northwest Territories

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the specified earthquake.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like CO01, CO02, CO03, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like ECSD, PDAR, MAW, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like BOSA, MAW, MAW, etc.

RUSC	La Rusia	0.98 184	P	Pn	04 58 44.1 +0.9
RUSC					04 59 03.0 +0.5
OCAC	Ocana	1.39 347	P	Pn	04 58 48.1 +1.6
OCAC					04 59 10.1 +1.5
PTBC	PUERTO BERRIO,	1.47 257	P	Pn	04 58 46.3 -0.9
SPBC	San Pablo de B	1.61 221	P	Pn	04 58 48.7 0.0
SPBC					04 59 11.4 -1.1
NORC	Norcasia	2.26 235	P	Pn	04 58 55.5 -0.6
NORC					04 59 23.5 -2.2
CHIC	Chingaza	2.34 198	P	Pn	04 58 57.9 +0.4
CHIC					04 59 22.0 -2.0
ROSC	El Rosal	2.41 213	P	Pn	04 58 59.6 +1.5
ROSC					1µm,0.3s,baz=275,slow=2.6,SNR=560
ROSC					1µm,0.3s,baz=184,slow=2.2,SNR=9.6
ROSC	El Rosal	2.41 213	P	Pn	04 58 59.5 +1.3
ROSC					04 59 29.0 -0.4
CVER	Cruz Verde, Cu	2.57 204	P	Pn	04 59 01.4 +1.2
CVER					04 59 33.3 +0.3
MEDEC	Medellin, Ant	2.63 257	P	Pn	04 59 01.2 +0.5
MEDEC					04 59 32.9 -1.0
UREC	San Jos de Ur	2.65 289	P	Pn	04 58 59.4 -1.3
UREC					04 59 31.4 -2.6
VILC	Villavicencio,	2.83 194	P	Pn	04 59 03.3 +0.3
VILC					04 59 37.3 -1.0
GUY2C	Guyana, Caldas	2.86 235	P	Pn	04 59 03.7 -0.1
GUY2C					04 59 37.8 -1.6
CMAN1	Manizales, Cal	3.08 234	P	Pn	04 59 08.6 +2.2
CMAN1					04 59 44.5 +0.5
SDV	Santo Domingo	3.09 50	P	Pn	04 59 09.7 +3.2
SDV					137nm,0.3s,baz=148,slow=2.2,SNR=42
SDV					664nm,0.4s,baz=42,slow=13,SNR=45
SDV	Santo Domingo	3.09 50	P	Pn	04 59 09.4 +2.9
SDV					04 59 48.6 +2.6
SDV					04 59 09.4 +2.9
CBOC	Ciudad Bolivar	3.15 252	P	Pn	04 59 07.2 +0.1
CBOC					04 59 42.9 -2.5
PGA3	Puerto Gaitan	3.29 154	P	Pn	04 59 09.7 +0.8
PGA3					04 59 46.8 -1.8
PGA4	Puerto Gaitan	3.39 152	P	Pn	04 59 07.9 +0.7
PGA4					04 59 47.9 -2.9
ARMEC	Armenia, Quind	3.50 229	P	Pn	04 59 13.3 +1.6
ARMEC					04 59 55.7 +2.1
PRAC	Prado	3.65 211	P	Pn	04 59 12.9 -0.7
PRAC					04 59 55.0 -2.0
APAC	Apartado, Choc	3.68 286	P	Pn	04 59 13.8 0.0
APAC					04 59 54.7 -2.8
SJCC	San Jacinto, C	3.69 325	P	Pn	04 59 13.6 -0.4
SJCC					04 59 54.8 -3.0
SJCC	San Jacinto, C	3.69 325	P	Pn	04 59 13.9 -0.1
SJCC					04 59 52.5 -5.3
SJCC	San Jacinto, C	3.69 325	P	Pn	04 59 13.7 -0.3
ORTC	Ortega, Tolima	3.69 317	P	Pn	04 59 13.7 -0.4
ORTC					04 59 56.9 -1.0
LCBC	Los crdobas,	3.86 301	P	Pn	04 59 15.7 -0.5
LCBC					04 59 52.5 -5.3
SOLC	Bahia Solano	4.41 262	P	Pn	04 59 25.7 +2.3
SOLC					05 00 12.2 -2.4
PIZC	Pizarro, Choco	4.72 247	P	Pn	04 59 28.5 +1.0
PIZC					05 00 21.2 -0.7
PTAC	Punta Arditia,	4.77 274	P	Pn	04 59 27.0 -1.0
MACA	Macarena, Meta	4.82 210	P	Pn	04 59 07.9 +1.2
BETC	Betania	4.82 210	P	Pn	04 59 27.7 -1.1
URI	Uribia	4.90 12	P	Pn	04 59 30.5 +0.8
URI					05 00 26.6 +0.5
URIC	Uribia, Colomb	4.90 12	P	Pn	04 59 30.4 +0.6
URIC					04 59 30.7 +0.9
URIC					04 59 30.9 +1.9
URIC					05 00 19.8 -6.3
UPD2	Meteti	5.23 289	P	Pn	04 59 33.0 -1.1
GARC	Garzon, Huila	5.27 208	P	Pn	04 59 33.7 -1.3
GARC					04 59 33.4 -0.5
POPC	Popayan, Colom	5.65 220	P	Pn	04 59 34.4 -0.5
POPC					1µm124nm,0.7s
POPC					AML
BENV	Belin	6.17 60	P	Pn	04 59 48.3 +1.5
BENV					05 00 52.2 -4.3
TURV	Turiamo	6.23 55	P	Pn	04 59 49.1 +1.9
TURV					05 00 40.1 -4.6
BBAC	Balboa, Cauca	6.41 221	P	Pn	04 59 48.8 -1.3
BBAC					2µm169nm,0.6s
CRUC	La Cruz	6.58 217	P	Pn	04 59 54.7 +2.3
TACV	Tcaita	6.75 61	P	Pn	04 59 55.6 +1.2
TACV					05 01 05.2 -0.3
UPA	Univ. de Panam	6.79 288	P	Pn	04 59 52.9 -2.0
UPA					50nm,0.9s
FUNV	FUNVISIS	7.09 59	P	Pn	05 00 00.2 +1.1
FUNV					eS
BCIP	Isla Barro Col	7.13 289	P	Pn	04 59 37.9 -1.9
BCIP	Isla Barro Col	7.13 289	P	Pn	04 59 57.1 -2.4
AZU	Azuero	7.26 278	P	Pn	05 00 00.2 -1.0
AZU					44nm,0.6s
PNMC	Penomene	7.42 283	P	Pn	05 00 03.2 -0.2
PNMC					1µm116nm,0.7s
CMBC	Cumbal	7.60 219	P	Pn	05 00 07.0 +0.8
CASC	Dorado de Casc	7.97 213	P	Pn	05 00 10.0 -0.7
CASC					55nm,0.8s
CAVE	Quicocha Este	8.45 220	P	Pn	05 00 17.6 0.0
CAVE					2µm43nm,0.8s
OTAV	Otavallo	8.54 220	P	Pn	05 00 17.7 -1.0
OTAV					8.54 220
SLOR	San Lorenzo -	9.33 216	P	Pn	05 00 28.4 -0.9
BRUZ	Volcan	9.78 282	P	Pn	05 00 35.4 +0.6
BRUZ					10.45 309
PRVC	Isla de Provid	10.45 309	P	Pn	05 00 51.3 +2.3
LCHR	La Lucha 2	11.24 285	P	Pn	05 00 55.3 +1.3
HDC	Heredia	11.41 287	P	Pn	05 00 55.9 -0.4
JTS	Las Juntas de	12.28 287	P	Pn	05 01 09.4 +1.8
JTS					5.5nm,0.4s,baz=226,slow=1.8,SNR=15
JTS					LR
JTS					comp=Z,47nm,21.1s,baz=84,slow=38
GRGR	Grenville	12.36 64	P	Pn	05 01 09.7 +2.1
GRGR					05 01 12.9 -1.5
GRGR					05 01 10.2 +1.6
CRFP	Cabo Rojo, PR	12.47 27	P	Pn	05 01 10.6 +0.7
CELP	Cerrillos	12.78 29	P	Pn	05 01 14.4 +0.5
JUD3	Juan Diaz 3	12.81 286	P	Pn	05 01 16.3 +1.8
GTBY	Guantanamo Bay	13.13 351	P	Pn	05 01 22.7 -0.2
GTBY					05 01 22.8
GTBY					comp=Z,74nm,1.6s
BOAV	Boa Vista	13.22 109	P	Pn	05 03 40.0 -3.8
BOAV					05 01 19.0 -0.6
BOAV					05 01 10.5 -9.2
BOAV					05 03 38.0 -8.1
MASC	Masc	13.27 355	P	Pn	05 01 23.1 -1.4
MASC					05 01 29.1
MASC					comp=Z,46nm,1.2s
TEFE	Tefe	13.28 141	P	Pn	05 01 25.4 -2.6
RCC	Rio Carpintero	13.30 349	P	Pn	05 01 25.3 +0.6
RCC					05 01 26.6
RCC					comp=Z,2µm,1.0s
RCC					IvMb_BB
RCC					IvMb
RCC					IvMb
RCC					05 01 26.7
RCC					comp=Z,89nm,0.5s
QMBU	Quimbuelo	13.36 353	P	Pn	05 03 42.7 -5.1
QMBU					05 01 25.7 +0.2
QMBU					05 01 36.1
QMBU					comp=Z,36nm,0.8s
CHIV	Chivirico	13.43 346	P	Pn	05 03 43.9 -5.4
CHIV					05 01 25.2 -1.0
CHIV					05 01 26.1 -0.2
CHIV					05 01 31.7
CHIV					comp=Z,25nm,1.1s
BOAB	BOACO BROADBA	13.44 295	P	Pn	05 03 47.3 -3.8
NMDO	Nuevo Mundo	13.73 352	P	Pn	05 01 23.9 -1.1
NMDO					05 01 31.9 -11.7
NMDO					05 01 35.8
PINC	Pinares de May	13.79 349	P	Pn	05 01 31.3 +1.0
PINC					05 01 33.0
PINC					comp=Z,570nm,1.0s
PINC					IvMb
PINC					IvMb
PINC					05 01 33.4
PINC					comp=Z,570nm,1.0s
PINC					IvMb
PINC					IvMb
PINC					05 01 33.4
PINC					comp=Z,570nm,1.0s
PINC					IvMb
PINC					IvMb
PINC					05 01 33.4
PINC					comp=Z,570nm,1.0s
PINC					IvMb
PINC					IvMb
PINC					05 01 33.4
PINC					comp=Z,570nm,1.0s
PINC					IvMb
PINC					IvMb
PINC					05 01 33.4
PINC					comp=Z,570nm,1.0s
PINC					IvMb
PINC					IvMb
PINC					05 01 33.4
PINC					comp=Z,570nm,1.0s
PINC					IvMb
PINC					IvMb
PINC					05 01 33.4
PINC					comp=Z,570nm,1.0s
PINC					IvMb
PINC					IvMb
PINC					05 01 33.4
PINC					comp=Z,570nm,1.0s
PINC					IvMb
PINC					IvMb
PINC					05 01 33.4
PINC					comp=Z,570nm,1.0s
PINC					IvMb
PINC					IvMb
PINC					05 01 33.4
PINC					comp=Z,570nm,1.0s
PINC					IvMb
PINC					IvMb
PINC					05 01 33.4
PINC					comp=Z,570nm,1.0s
PINC					IvMb
PINC					IvMb
PINC					05 01 33.4
PINC					comp=Z,570nm,1.0s
PINC					IvMb
PINC					IvMb
PINC					05 01 33.4
PINC					comp=Z,570nm,1.0s
PINC					IvMb
PINC					IvMb
PINC					05 01 33.4
PINC					comp=Z,570nm,1.0s
PINC					IvMb
PINC					IvMb
PINC					05 01 33.4
PINC					comp=Z,570nm,1.0s
PINC					IvMb
PINC					IvMb
PINC					05 01 33.4
PINC					comp=Z,570nm,1.0s
PINC					IvMb
PINC					IvMb
PINC					05 01 33.4
PINC					comp=Z,570nm,1.0s
PINC					IvMb
PINC					IvMb
PINC					05 01 33.4
PINC					comp=Z,570nm,1.0s
PINC					IvMb
PINC					IvMb
PINC					05 01 33.4
PINC					comp=Z,570nm,1.0s
PINC					IvMb
PINC					IvMb
PINC					05 01 33.4
PINC					comp=Z,570nm,1.0s
PINC					IvMb
PINC					IvMb
PINC					05 01 33.4
PINC					comp=Z,570nm,1.0s
PINC					IvMb
PINC					IvMb
PINC					05 01 33.4
PINC					comp=Z,570nm,1.0s
PINC					IvMb
PINC					IvMb
PINC					05 01 33.4
PINC					comp=Z,570nm,1.0s
PINC					IvMb
PINC					IvMb
PINC					05 01 33.4
PINC					comp=Z,570nm,1.0s
PINC					IvMb
PINC					IvMb
PINC					05 01 33.4
PINC					comp=Z,570nm,1.0s
PINC					IvMb
PINC					IvMb
PINC					05 01 33.4
PINC					comp=Z,570nm,1.0s
PINC					

MJAR	Matsushiro Arr	43.52 11 P	P	05 08 08.9 -1.2
MJAR	comp=Z,39nm,0.9s,baz=187,slow=9.3,SNR=74			
MJAR	comp=Z,11nm,0.9s,baz=187,slow=8.7,SNR=3			
MJAR	comp=Z,5.5nm,1.0s,baz=187,slow=4.6,SNR=7.4			
MAJO	Matsushiro	43.52 11 P	P	05 08 08.7 -1.4
MAJO	Matsushiro	43.52 11 P	P	05 08 09.5 -0.6
MAJO	comp=Z,5.9nm,0.9s	IAMB	IAMB	05 08 10.2
MAJO	Matsushiro	43.52 11 P	P	05 08 08.9 -1.2
MAJO	Matsushiro	43.52 11 P	P	05 08 08.6 -1.4
MAJO	Matsushiro	43.52 11 P	P	05 08 59.0 +1.8
MAJO	Matsushiro	43.52 11 P	P	05 13 22.3 -0.7
MJB9	Matsu-Tunnel	43.53 11 P	P	05 08 10.2 +0.1
MJB9	comp=Z,5.4nm,0.8s	IAMB	IAMB	05 08 11.2
KSR5	Korea Array	43.62 359 P	P	05 08 11.2 +0.5
KSR5	comp=Z,14nm,0.8s,baz=176,slow=1.1,SNR=47			
KSR5	comp=Z,5.4nm,0.7s,baz=176,slow=9.3,SNR=1			
KSR5	comp=Z,3.4nm,0.8s,baz=184,slow=4.0,SNR=7.1			
KSR5	comp=Z,14nm,0.8s	LuoYang		
LYN	LYN	43.66 340 P	P	05 08 10.7 -0.4
LYN	comp=Z,6.4nm,1.0s	Tai'an		
TIA	TIA	43.84 346 P	P	05 08 12.0 -0.6
TIA	comp=Z,4.8nm,1.1s	Chengdu		
CD2	CD2	44.34 328 P	P	05 08 16.4 -0.3
CD2	comp=Z,2.0nm,0.4s	Xi'an		
XAN	XAN	44.53 336 P	P	05 08 17.1 -1.0
XAN	comp=Z,81nm,1.0s	Xi'an		
XAN	XAN	44.53 336 P	P	05 08 17.4 -0.7
XAN	XAN	44.53 336 P	P	05 13 27.9 +0.6
DL2	DL2	45.59 352 P	P	05 08 26.5 +0.2
DL2	comp=Z,7.6nm,1.1s	HongShan		
HNS	HNS	45.59 344 P	P	05 08 26.1 -0.2
HNS	comp=Z,120nm,1.1s	Taiyuan		
TIY	TIY	46.55 342 P	P	05 08 34.0 +0.1
TIY	comp=Z,7.3nm,0.5s	Beijing		
BJI2	BJI2	47.70 346 P	P	05 08 42.5 -0.1
BJI2	comp=Z,5.5nm,1.0s	Baijiatuu		
BJT	BJT	47.70 346 P	P	05 08 42.8 +0.2
BJT	BJT	47.70 346 P	P	05 08 42.3 -0.3
BJT	BJT	47.70 346 P	P	05 08 43.6
BJT	BJT	47.70 346 P	P	05 08 42.4 -0.2
BJT	BJT	47.70 346 P	P	05 09 35.4 -1.8
BJT	BJT	47.70 346 P	P	05 13 38.6 -1.7
SHL	Shilong	48.17 313 P	P	05 08 46.6 -0.1
JTM	JTM	48.19 12 P	P	05 08 46.9 +0.6
JTM	JTM	48.19 12 P	P	05 08 46.1 -0.2
JTM	JTM	48.19 12 P	P	05 08 47.5
LZDM	Lanzhou Array	48.43 332 P	P	05 08 48.6 -0.1
LZDM	comp=Z,6.5nm,0.5s,baz=147,slow=8.5,SNR=12			
LZDM	comp=Z,3.9nm,0.5s,baz=165,slow=6.2,SNR=5.2			
LZDM	comp=Z,6.5nm,0.5s	Lanzhou		
LZH	LZH	48.47 332 P	P	05 08 49.1 +0.3
LZH	comp=Z,60nm,1.5s			
LZH	LZH	48.47 332 P	P	05 09 40.1 -0.8
LZH	comp=Z,280nm,18.2s			
LZH	comp=Z,250nm,19.2s	Hu-ho-hao-te		
HHC	HHC	49.70 342 P	P	05 08 58.8 +0.9
HHC	comp=Z,35nm,0.8s			
HHC	comp=Z,99nm,4.6s			
OUZ	OUZ	49.88 131 P	P	05 09 01.1 +1.8
CN2	CN2	50.05 356 P	P	05 09 00.1 -0.3
CN2	comp=Z,10.0nm,0.9s	Baotou		
BT02	BT02	50.13 341 P	P	05 09 01.8 +0.6
BT02	comp=Z,33nm,1.1s			
BT02	comp=Z,250nm,9.2s			
USA0B	USA0B	50.40 3 P	P	05 09 03.1 +0.1
USA0B	comp=Z,122nm,1.7s			
USRK	USRK	50.40 3 P	P	05 09 03.2 +0.2
USRK	comp=Z,24nm,0.6s,baz=184,slow=7.5,SNR=36			
USRK	USRK	50.40 3 P	P	05 09 02.7 -0.3
DGTI	DGTI	50.43 106 P	P	05 09 05.1 +1.3
WCZ	WCZ	50.73 132 P	P	05 09 07.5 +2.0
MDJ	MDJ	50.76 0 P	P	05 09 05.9 +0.3
MDJ	comp=Z,35nm,0.9s	Mudanjiang		
MDJ	MDJ	50.76 0 P	P	05 09 06.2 +0.5
MSZ	MSZ	50.93 145 P	P	05 09 08.9 +1.9
JCZ	JCZ	51.08 144 P	P	05 09 09.9 +1.7
PYZ	PYZ	51.16 147 P	P	05 09 10.1 +1.9
FOZ	FOZ	51.16 147 P	P	05 09 08.6 +1.0
FOZ	FOZ	51.38 143 P	P	05 09 11.4 +1.1
FOZ	comp=Z,5.6nm,0.8s	Fox Glacier		
FOZ	FOZ	51.38 143 P	P	05 09 11.4 +1.1
FOZ	FOZ	51.38 143 P	P	05 09 10.9 +0.2
FOZ	FOZ	51.38 143 P	P	05 10 04.0 -1.7
FOZ	FOZ	51.38 143 P	P	05 10 21.2 -0.6
FOZ	FOZ	51.38 143 P	P	05 16 10.1 -2.3
FOZ	FOZ	51.38 143 P	P	05 18 33.1 -3.8
FOZ	comp=Z,69nm,1.2s			
MLZ	MLZ	51.46 145 P	P	05 09 11.8 +0.9
MLZ	comp=Z,170nm,4.4s	Mavora Lakes		
MLZ	MLZ	51.46 145 P	P	05 09 12.9
MLZ	MLZ	51.46 145 P	P	05 09 12.0 +1.1
WKZ	WKZ	51.65 144 P	P	05 09 13.5 +1.1
DSZ	DSZ	51.66 140 P	P	05 09 14.1 +1.5
QRZ	QRZ	51.67 138 P	P	05 09 14.5 +1.9
GRZ	GRZ	51.68 142 P	P	05 09 14.7 +1.7
WHZ	WHZ	51.68 146 P	P	05 09 12.8 +0.2
WHZ	WHZ	51.68 146 P	P	05 09 13.1 +0.6
VWZ	VWZ	51.69 142 P	P	05 09 13.0 +0.4
JKA	JKA	51.70 142 P	P	05 09 12.6 0.0
JKA	comp=Z,35nm,0.7s			
INZ	INZ	51.94 141 P	P	05 09 15.5 +1.0
EAZ	EAZ	51.95 136 P	P	05 09 16.8 +2.0
EAZ	EAZ	52.05 145 P	P	05 09 16.0 +0.7
TKNZ	TKNZ	52.06 138 P	P	05 09 16.9 +1.5
LBZ	LBZ	52.08 143 P	P	05 09 16.5 +0.9
HIZ	HIZ	52.19 135 P	P	05 09 18.1 +1.7
RPZ	RPZ	52.23 142 P	P	05 09 18.3 +1.6
APZ	APZ	52.28 147 P	P	05 09 18.1 +1.1
TOZ	TOZ	52.32 134 P	P	05 09 19.8 +2.4
THZ	THZ	52.38 139 P	P	05 09 19.1 +1.2
NPZ	NPZ	52.42 138 P	P	05 09 18.8 +0.3
ARCZ	ARCZ	52.43 142 P	P	05 09 19.2 +1.0
TMZ	TMZ	52.57 143 P	P	05 09 19.8 +0.7
DUWZ	DUWZ	52.59 138 P	P	05 09 20.0 +0.7
TLZ	TLZ	52.59 134 P	P	05 09 21.6 +2.1
OXZ	OXZ	52.62 141 P	P	05 09 21.6 +2.0
TUZ	TUZ	52.66 145 P	P	05 09 20.4 +0.7
ODZ	ODZ	52.74 144 P	P	05 09 21.3 +1.1
WAZ	WAZ	52.83 136 P	P	05 09 23.2 +2.0
TWVZ	TWVZ	52.84 135 P	P	05 09 22.7 +1.4
TWVZ	TWVZ	52.90 138 P	P	05 09 22.0 +0.4

COVZ	Chateau Observ	52.97 135 P	P	05 09 24.5 +2.2
NGZ	Ngara	53.00 135 P	P	05 09 24.4 +1.9
TRVZ	Turoo	53.02 135 P	P	05 09 24.5 +1.8
NTVZ	North Tongarir	53.02 135 P	P	05 09 24.5 +1.8
SNVZ	South Ngauruho	53.03 135 P	P	05 09 24.6 +1.7
OTVZ	Oturea	53.04 135 P	P	05 09 24.7 +1.7
WNVZ	Whianoa	53.06 135 P	P	05 09 24.7 +1.6
GVZ	Great Valley S	53.07 140 P	P	05 09 23.7 +0.9
KHAZ	Kahutara	53.12 140 P	P	05 09 23.3 +0.2
GTAZ	Gaotia	53.12 332 P	P	05 09 23.6 +0.3
GTAZ	comp=Z,41nm,1.1s			
GTAZ	comp=Z,210nm,16.5s			
GTAZ	comp=Z,220nm,16.5s			
GTAZ	comp=Z,200nm,15.9s			
HHSZ	Highlift Hill	53.17 145 P	P	05 09 25.2 +1.7
MOVZ	Moawhango	53.21 135 P	P	05 09 24.8 +0.8
MQZ	McQueen's Vall	53.21 145 P	P	05 09 25.1 +1.3
EVN	Everest	53.25 312 P	P	05 09 24.7 -0.4
EVN	comp=Z,39nm,0.8s			
KIW	Kapiti Island	53.28 137 P	P	05 09 25.1 +0.7
OGWZ	Oldi Gorge	53.43 137 P	P	05 09 26.0 +0.5
BKZ	Black Stump Fm	53.62 135 P	P	05 09 27.2 +0.2
TAKZ	Takapari Road	53.63 136 P	P	05 09 27.4 +0.4
MRZ	Mangatainoka R	53.64 137 P	P	05 09 26.9 -0.1
MICQ	Macquarie Isl	53.65 159 P	P	05 09 28.7 +1.9
MCQ	Macquarie Isla	53.65 159 P	P	05 09 27.7 +0.9
URZ	Urewera	53.69 134 P	P	05 09 27.3 0.0
RUZ	Ruatanihi	53.74 134 P	P	05 09 28.1 +0.2
RUZ	Ruatanihi	53.74 134 P	P	05 09 28.3 +0.4
HAZ	Te Kaha	53.98 133 P	P	05 09 29.8 +0.4
RTWZ	Matawai	54.02 133 P	P	05 09 30.5 +0.4
BFZ	Birch Farm	54.10 137 P	P	05 09 30.8 +0.5
PXZ	Pawanui	54.25 136 P	P	05 09 31.7 +0.4
MXZ	Matakoona Point	54.29 132 P	P	05 09 33.0 +1.2
YSS	Yatako-Sakhal	54.45 11 IAMB	IAMB	05 09 33.6 +0.9
YSS	comp=Z,27nm,0.6s			
PUZ	Puketitii	54.45 133 P	P	05 09 33.9 +1.0
HYB	Hyderabad	55.30 296 P	P	05 09 38.8 -0.5
HYB	comp=Z,5.1nm,0.4s,baz=163,slow=1.1,SNR=11			
HYB	comp=Z,0.9nm,0.2s,baz=52,slow=10.0,SNR=3.5			
HYB	comp=Z,5.1nm,0.4s	HeiHe		
HEH	HEH	56.42 359 P	P	05 09 45.7 -0.8
HEH	comp=Z,6.6nm,1.2s	Ulaanbaatar		
ULN	ULN	57.42 342 P	P	05 09 55.0 +1.2
ULN	ULN	57.42 342 P	P	05 17 36.5 +4.0
ULN	ULN	57.42 342 P	P	05 09 54.2 +0.4
ULN	ULN	57.42 342 P	P	05 09 55.9
ULN	ULN	57.42 342 P	P	05 09 54.5 +0.6
ULN	ULN	57.42 342 P	P	05 09 54.4 +0.6
ULN	ULN	57.42 342 P	P	05 18 48.1 +3.3
SONM	Songino Array	57.59 342 P	P	05 09 56.1 +1.1
SONM	comp=Z,1.7nm,0.9s,baz=162,slow=7.2,SNR=69			
SONM	comp=Z,4.4nm,0.8s,baz=152,slow=8.8,SNR=18			
SONM	comp=Z,1.7nm,0.8s,baz=140,slow=3.3,SNR=5			
SONM	comp=Z,1.2nm,1.0s,baz=337,slow=3.4,SNR=4.7			
SONM	SONM	57.59 342 P	P	05 09 55.3 +0.3
SONM	SONM	57.59 342 P	P	05 09 57.1
CTZ	CTZ	60.18 137 P	P	05 10 14.3 +1.5
CTZ	CTZ	60.18 137 P	P	05 10 14.2 +1.4
CTZ	CTZ	60.18 137 P	P	05 10 14.2 +1.4
DRV	DRV	60.66 175 P	P	05 10 15.8 +0.3
DRV	DRV	60.66 175 P	P	05 10 17.7 +0.4
DRV	DRV	60.66 175 P	P	05 11 07.7 +0.1
DRV	DRV	60.66 175 P	P	05 11 12.2 +2.4
CASY	CASY	61.19 188 P	P	05 10 19.4 +0.3
CASY	comp=Z,30nm,0.8s			
CASY	CASY	61.19 188 P	P	05 10 59.8 +0.4
CASY	CASY	61.19 188 P	P	05 10 59.9 +0.4
CASY	CASY	61.19 188 P	P	05 11 14.9 -0.9
WMQ	WMQ	62.42 327 P	P	05 10 28.9 +1.1
WMQ	WMQ	62.42 327 P	P	05 11 17.6 -1.1
WMQ	WMQ	62.42 327 P	P	05 11 17.6 -1.1
WMQ	comp=Z,37nm,1.1s			
WMQ	comp=Z,110nm,3.6s			
WMQ	comp=Z,82nm,24.0s			

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SNA4, SNA5, I28M, DA1WY, etc.

SJA 04 05:18:18.1±0.6, 27.505±71.93W, h13km, 4km, ML3.7, MW4.0
GUC 04 05:18:23.5±0.8, 27.69S±71.67W, h30km, 3km, ML3.3
ISC 04 05:18:19.3±1.9, 27.605±0.03, 71.84W±0.07, h9km, 11km, n21, ±207/36, 7C-1D, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AC04, AC06, AC05, AC02, etc.

JMA 04 05:34:00.1±0.3, 25°N±2', 123°5E±0.7, h157km, 3km, MV3.1/18, NW OFF ISHIGAKIJIMA IS
ISC 04 05:34:00.5±1.5, 25.3N±0.1, 123.43E±0.04, h150km, n22,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YONAGUNI, YOH, YOHJ, etc.

IDC 04 05:42:09.3±5.4, 34°28'N±138°37'E, h124km, 86km, mb3.4/2, mbtmp3.6/4, ML2.9/2, Error ellipse: s-maj=103.2km s-min=31.8km az=136.0
JMA 04 05:42:10.4±0.3, 36°3N±0'8-13°7E±, h263km, 2km, MV2.6/13, TOYAMA GIFU BORDER REG
ISC 04 05:42:10.3±1.5, 36.3N±0.2, 137.2E±0.2, h265km, 10km, n9,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JGN, JGNJ, JYTA, etc.

IDC 04 05:50:11.4±1.9, 27.2N±126.12E, h0km, mb3.5/4, mbtmp3.5/4, MS3.2/1, Error ellipse: s-maj=124.4km s-min=24.5km az=68.0
ISC 04 05:50:12.8±1.2, 2.8N±0.1, 126.1E±0.6, h10km, n6, ±1948/6, mb3.5/3, Northern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DDMP, DDMP, FITZ, WRA, etc.

IDC 04 05:58:04.7±2.6, 54°44'N±83°44'E, h0km, mbtmp2.7/2, ML2.4/2, Error ellipse: s-maj=23.3km s-min=13.7km az=143.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H46RU, ZALV, ZALV, KURBB, etc.

VIE 04 05:59:50.4±0.1, 47°16'N±11°38'E, h6km, 1km, mb2.0/20, m12.8/21, Error ellipse: s-maj=0.7km s-min=0.6km az=94.0
ROM 04 05:59:50.2±0.1, 47°15'N±11°41'E±0.01, n8km, ML2.4/56, Error ellipse: s-maj=1.1km s-min=0.5km az=15.0
BGR 04 05:59:51.8±0.2, 47°17'N±11°35'E, h10km, ML2.4/19, Error ellipse: s-maj=5.6km s-min=3.3km az=2.0
PRU 04 05:59:54.2, 47°26'N±11°49'E, h0km, Fulmpes
ISC 04 05:59:49.0±8.4, 47°18'N±0.02±11°41'E±0.01, h12km, 5km, n68, ±1501/11, 2C-2D, Austria

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MOTA, PART, ZUGS, ABST, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ZVikov, CONAR, ROSALIA, MOXA, PRUHONICE, etc.

FUNV 04 06:01:56.8, 11.74N, 72.90W, h22km, MW3.8, Presumed earthquake
RSNC 04 06:01:57.7, 0.12, 12.2, 7.3W, h66km, 5km, M3.0, mb4.3, ML2.4

ISC 04 06:01:56.6, 1.3, 11.46N, 0.08, 72.81W, 0.06, h14km, n16, 1555/28, North coast of Colombia

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like URIC, SJJCC, OCAC, PAMC, BRJC, etc.

SJA 04 06:06:29.0, 1.6, 27.72S, 71.86W, h10km, ML4.2, MW3.9
IDC 04 06:06:30.7, 0.9, 27.73S, 71.79W, h0km, mb4.2/5, mbmp4.0/9, ML3.8/4, MS3.2/4, Error ellipse: s-maj=24.0km

GUC 04 06:06:34.4, 1.5, 27.89S, 71.53W, h31km, 3km, ML4.0
NEIC 04 06:06:34.4, 1.5, 27.84S, 0.02, 71.46W, 0.06, h17km, 4km, mb4.5/8, Mw4.0/29, ML4.0(GUC), Error ellipse:

s-maj=8.1km s-min=2.7km az=93.0, Moment Tensor Solution. Moment tensor: Scale 10^15Nm, Mw:5.7; Mwo:0.2; Mwo-0.59; Mwo:0.16; Mwo-0.10; Mw-1.00; Fault plane solution: Mo: 1.7000e+10; NP1: 23.6000e+0; 516.73000e+0; 119.28000e+0. NP2: 173.25000e+0; 875.46000e+0; 1.81.64000e+0. Principal axes: T: 1.1756, Plg59.0000e+0; Azm72.0000e+0; N: -0.0100, Plg8.0000e+0; Azm175.0000e+0; P: -1.1656, Plg30.0000e+0; Azm270.0000e+0; NEIC 04 06:06:34.4, 27.83S, 71.46W, h17km

ISC 04 06:06:30.9, 2.0, 27.78S, 0.03, 71.59W, 0.05, h2km, 12km, n100, 1554/116, mb4.4/7, 3C-7D, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AC04, AC06, AC09, AC05, AC01, etc.

Main table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GO04, TOLOLO, GO04, GO04, GO04, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like IDC, GFZ, NEIC, ISC, Code, Station Name, etc.

4d 8h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WMQ Urumqi, SONM Sogino Array, SONM Sogino Array, ULN Ulanbaatar, WUS Wushi, WUS Wushi, BNK BinXian, KSH2 Kashi, PDGK Podgorroye, NRN Naryn, MCQ Macquarie Isla, MKAR Makanchi Array, MKAR Makanchi Array, MKAR CROZET ISLANDS, ASAJ Asahikawa, MLZ Mavora Lakes, KURBB Kurchatov Arra, KURK Kurchatov, ZAAO Zalesovo Array, ZALV Zalesovo Beam, BVAR Borovoye Array, AB31 Akbulak array, AB31 Akbulak array, VVDA Vanda, VVDA Vanda, AKTO Aktyubinsk, PETK Petropavlovsk, GNI Gani, ARTI Arti, ARTI Arti, GSPA South Pole Qui, GSPA South Pole Qui, EIL Eliat, TAXI Tiksi, BRTR Keskin Array B, SNAA Sanae, ATKA Atka Island, K17K Itdar, NVAR Mina Array Bea, TXAR Lajlats Array.

ASRS 04 06:29:28.0, 9.54, 19N, 86.39E, h0km, M2.7(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.
IDC 04 06:29:30.3, 4.2, 54.23N, 86.45E, h0km, mbtmp2.9k2, ML2.6/2, Error ellipse: s-maj=34.6km s-min=19.6km az=83.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LEVN Ruinas Leon Vi, ABCN Banco Central, ABCN Banco Central, SABN Sabanita, APQZ Apoyeque, APQZ Apoyeque, CNGN Cerro Negro, APYN Apoyeque, MOMN Momotombo, TISN Laguna Tiscapa, ALLN Telcor Tiscapa, MAS3 AI N del Volca, MASN Masaya, NANN Nandasmio, MGAN Managua, MGAN Managua, MADN Granada, TELN Telica.

SNET 04 06:34:16.5, 3.8, 11.31N, 87.32W, h8km, ML3.6, Presumed earthquake
CATAC 04 06:34:19.8, 0.5, 11.2N, 87.7W, h16km, 5km, M3.4/39, MLV2.4/39, Error ellipse: s-maj=3.3km s-min=3.1km az=82.0, confirmed

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HERN Volcan Telica, PLRN Geotermica Pol, CRIN San Cristobal, CRIN San Cristobal, ILON San Idelfonso, WILN Americas 2, WILN Americas 2, CSGN Cosiguina Volc, JAPN AI SSO del Vol, JAPN AI SSO del Vol, MORN AI O del Volca, OMEN AI SSO del Vol, CARN Rivas, INTN Intipuca, CNCH Conchagua, CNCH Conchagua, CNCH Conchagua, BOAB BOACO BROADBA, BOAB BOACO BROADBA, LCND La Caada, MATN Matagalpa, MATN Matagalpa, ACIN Acapoya, CMARA Lajas Hojancha, ALJI Alcalda de J, ALJI Alcalda de J, PACA Pacaya, RCFN AI S de San Ju, RCFN AI S de San Ju, RCVN Varilla2, JTS Las Juntas de, TECO Alcaidia de Te, TGUH Tegucigalpa, COEG Centro de Oper, COEG Centro de Oper, PAVA Las Pavas, LOMA Loma Larga, LOMA Las Esperanzas.

NOU 04 06:40:45.4, 10.74S, 164.97E, h25km, ML5.2/14, Santa Cruz Islands Region, Santa Cruz Islands region
Code Station Name Az Az' Phase ID Time Res ISC
HURO Huro Makira 3.03 275 P Op ISC h m s ISC
NGAO Tingoa Renbel 4.86 260 P Pn 06 41 31.3 -0.5
HNR Honiara 5.11 284 S Sn 06 42 00.5 -1.6
HNR Honiara 5.11 284 S Sn 06 43 01.0 +2.2
SANUV Sarautou 5.16 155 P Pn 06 42 01.3 +0.2
SAVO Savo Central 5.32 287 P Pn 06 42 04.2 +0.9
SAVO Savo Central 5.32 287 S Sn 06 43 05.7 +1.8
TATA Tatamba Isabel 5.41 294 S Sn 06 42 07.1 +0.1
TATA Tatamba Isabel 6.11 294 S Sn 06 43 10.0 -0.9
KOUNC Koumac, New Ca 9.78 184 P Pn 06 43 05.7 +1.2
KOUNC Koumac, New Ca 9.78 184 S Sn 06 44 53.8 +0.3

IDC 04 06:44:30.1, 2.2, 6.00S, 147.76E, h0km, mb3.8/2, mbtmp3.8/4, ML3.9/1, MS2.8/2, Error ellipse: s-maj=62.6km s-min=26.9km az=96.0, Eastern New Guinea region
Code Station Name Az Az' Phase ID Time Res ISC
PMG Port Moresby 3.43 190 P Op ISC h m s ISC
PMG Port Moresby 3.43 190 Pn 06 45 26.1 +1.2
PMG Port Moresby 9.7m, 0.3s, baz=149, slow=1.9, SNR=6.3 Sn 06 46 05.5 -0.9
WRA Warramunga Arr 19.03 222 P Pn 06 48 53.5 -0.4
WRA Warramunga Arr 0.4nm, 0.3s, baz=45, slow=11, SNR=19.1 2.2m, 0.6s Sn 06 48 53.5 -0.4
WRA Warramunga Arr 19.03 222 AML AML 06 48 53.5 -0.4
GUMO Gumo 19.68 352 LR LR 06 56 47.7
ASAR Alice Springs 22.05 216 P Pn 06 49 26.8 +0.1
ASAR Alice Springs 2.1m, 0.5s, baz=51, slow=10, SNR=5.1 1.1m, 0.5s Sn 06 49 26.8 +0.1
PETK Petropavlovsk- 59.49 7 LR LR 07 18 25.5
GSPA South Pole Qui 83.96 190 P Pn 06 57 01.5 -0.7
GSPA South Pole Qui 0.5m, 0.6s, baz=281, slow=2.1, SNR=6.1 0.5m, 0.6s Sn 06 57 01.5 -0.7
TORD Torodi Ar. Bea 145.82 285 PKPbc PKPpdf 07 04 12.1 +0.2
TORD Torodi Ar. Bea 0.4nm, 0.6s, baz=77, slow=6, SNR=2.4

SOME 04 06:47:30.9, 41.32N, 83.93E, h20km
NNC 04 06:47:33.0, 2.1, 41.24N, 83.64E, h0km, mb3.5, mpv3.5, Error ellipse: s-maj=15.0km s-min=9.3km az=164.0
IDC 04 06:47:24.7, 4.0, 40.50N, 02.8339E, 0.09h, h10km, n12, c133/17, 2C, Southern Xinjiang
Code Station Name Az Az' Phase ID Time Res ISC
KTMS Ketmen 3.73 324 P Op ISC h m s ISC
KTMS Ketmen 2.0m, 0.4s Sn 06 48 32.9 +2.1
KTMS Ketmen 4.3m, 0.4s Lg Lg 06 49 17.7
KTMS Ketmen 3.73 324 eP Pn 06 48 32.9 +2.1
KTMS Ketmen 2.0m, 0.4s eS Sb 06 49 17.7 +1.6
SHLS Shalkode 3.97 314 Pg Pn 06 48 34.8 -0.1
SHLS Shalkode 6.3m, 0.3s Lg Lg 06 49 21.0
SHLS Shalkode 1.7m, 0.4s eS Sb 06 48 34.8 -0.1
SHLS Shalkode 6.3m, 0.3s eP Pn 06 49 21.0 -2.1
SHLS Shalkode 17m, 0.4s UZB UZbulak 4.22 311 Pg Pg 06 48 45.1 -0.3
UZB UZbulak 3.7m, 0.3s Lg Lg 06 49 38.7
UZB UZbulak 4.2m, 0.5s UZB UZbulak 4.22 311 eP Pn 06 48 45.1 -0.3
UZB UZbulak 4.2m, 0.5s eS Sb 06 49 38.7 -1.4
DJR Jarkent 4.69 327 Pg Lg 06 48 48.4 +1.4
DJR Jarkent 1.4m, 0.3s Lg Lg 06 48 48.4 +1.4
DJR Jarkent 3.9m, 0.5s eP Pn 06 48 48.4 +1.4
DJR Jarkent 1.4m, 0.3s eS Sb 06 49 43.6 +0.2
MK31 Makanchi Array 6.37 353 P Pn 06 49 16.8 +1.2
MK31 Makanchi Array 0.1nm, 0.3s, baz=166, slow=15, SNR=4.1 lTlG Lg 06 50 32.8
MAK2 Makanchi Array 6.41 351 Pn Pn 06 49 17.3 +1.0
MAK2 Makanchi Array 4.8m, 1.6s lTlG Lg 06 50 35.8
ZSN Zaisan 7.05 8 Pg Pg 06 49 27.0 -0.2
ZSN Zaisan 4.5m, 0.2s Lg Lg 06 49 27.0 -0.2
ZSN Zaisan 4.0m, 0.2s eP Pn 06 49 27.0 -0.2
ZSN Zaisan 4.5m, 0.2s eS Sb 06 50 50.9 -0.6
ZSN Zaisan 4.0m, 0.2s eS Sb 06 50 50.9 -0.6

IDC 04 06:56:25.2, 1.8, 0.73N, 126.98E, h0km, mb3.1/3, mbtmp3.1/3, Error ellipse: s-maj=180.3km s-min=22.8km az=67.0, Northern Molucca Sea
Code Station Name Az Az' Phase ID Time Res ISC
WRA Warramunga Arr 21.77 161 P Op ISC h m s ISC
WRA Warramunga Arr 0.4nm, 0.7s, baz=340, slow=12, SNR=8.8 Sn 07 01 18.4 -0.4
ASAR Alice Springs 25.17 165 P Pn 07 01 52.8 +0.4
ASAR Alice Springs 0.2nm, 0.7s, baz=346, slow=9.3, SNR=2.0 0.2m, 0.7s Sn 07 01 52.8 +0.4
MKAR Makanchi Array 6.10 326 P Pn 06 07 33.8 -1.0
MKAR Makanchi Array 0.2nm, 0.5s, baz=128, slow=7, SNR=2.1 0.2m, 0.5s Sn 06 07 33.8 -1.0
KURBB Kurchatov Arra 64.39 328 P Pn 07 07 03.5 +0.5
KURBB Kurchatov Arra 3.7m, 0.3s, baz=115, slow=6.4, SNR=22

IDC 04 07:19:58.5, 3.8, 11.08S, 118.22E, h0km, mb3.7/1, mbtmp3.3/3, ML3.0/2, Error ellipse: s-maj=261.6km
Code Station Name Az Az' Phase ID Time Res ISC
WRA Warramunga Arr 17.84 122 P Op ISC h m s ISC
WRA Warramunga Arr 0.3nm, 0.7s, baz=291, slow=13, SNR=4.5 Sn 07 24 07.5 -0.9
ASAR Alice Springs 19.49 132 P Pn 07 24 28.2 -0.3
ASAR Alice Springs 0.1nm, 0.3s, baz=309, slow=12, SNR=4.0 0.6m, 0.8s Sn 07 24 28.2 -0.3
MKAR Makanchi Array 65.96 334 P AML AML 07 30 46.5 -0.1
MKAR Makanchi Array 0.4nm, 0.5s, baz=157, slow=8.4, SNR=4.2 0.4nm, 0.5s Sn 07 30 46.5 -0.1
ASRS 04 07:44:37.0, 1.2, 53.92N, 87.52E, h0km, M2.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.
IDC 04 07:44:43.9, 3.4, 53.69N, 86.88E, h0km, mbtmp2.8/2, ML2.5/1, Error ellipse: s-maj=34.2km s-min=18.1km az=83.0, Southwestern Siberia
Code Station Name Az Az' Phase ID Time Res ISC
I46RU ZALESOVO INFRA 1.25 283 I Op ISC h m s ISC
I46RU Zalesovo Beam 1.25 283 Pg Pn 07 45 08.5 +0.1
ZALV Zalesovo Beam 1.25 283 Lg Lg 07 45 23.8
ZALV Zalesovo Beam 0.3nm, 0.3s, baz=98, slow=18, SNR=5.6 0.2m, 0.3s, baz=100, slow=28, SNR=1.8 Lg 07 45 23.8
KURBB Kurchatov Arra 5.99 242 Pn Pn 07 46 14.6 +0.9
MKAR Makanchi Array 7.50 205 Pn Pn 07 46 35.3 +0.7
MKAR Makanchi Array 0.1nm, 0.3s, baz=25, slow=14, SNR=6.8 0.3m, 0.7s AML AML
GUC 04 07:46:33.7, 0.6, 21.06S, 68.50W, h136km, 4km, ML3.3, IDC 04 07:46:35.5, 2.6, 20.92S, 68.03W, h144km, 31km, mb3.5/1, mbtmp3.7/5, Error ellipse: s-maj=47.6km s-min=25.9km az=118.0
ISC 04 07:46:32.4, 0.9, 21.03S, 0.05, 68.50W, 0.1, h137km, 13km, n17, 1509/24, Chile-Bolivia border region
Code Station Name Az Az' Phase ID Time Res ISC
PB09 IPOC Station P 1.06 224 eP Pn 07 46 57.2 +0.6
PB09 IPOC Station P 1.06 224 eS Sn 07 47 15.4 +0.3
PB08 IPOC Station P 1.10 323 eP Pn 07 46 58.4 +1.0
PB08 IPOC Station P 1.10 323 eS Sn 07 47 16.8 +0.5
PB08 IPOC Station P 1.10 323 AML AML 07 47 20.6
PB02 IPOC Station P 1.38 258 eP Pn 07 46 60.0 +0.2
PB02 IPOC Station P 1.38 258 eS Sn 07 47 20.2 -0.5
PB02 IPOC Station P 1.38 258 IAML IAML 07 47 21.2
GO01 Chuzmiza 1.53 333 eP Pn 07 47 02.6 +0.8
PB03 IPOC Station P 1.58 320 eP Pn 07 47 02.0 -0.0
PB03 IPOC Station P 1.58 320 eS Sn 07 47 23.8 -0.8
PB03 IPOC Station P 1.58 320 IAML IAML 07 47 24.8
TA01 Diego Aracena 1.68 286 eP Pn 07 47 02.9 -0.1
TA01 Diego Aracena 1.68 286 IAML IAML 07 47 27.8
PB11 IPOC Station P 1.70 318 eP Pn 07 47 03.7 +0.3
PB11 IPOC Station P 1.70 318 eS Sn 07 47 26.9 -0.2
TA02 Huaiquique 1.75 295 eP Pn 07 47 03.8 0.0
PB06 IPOC Station P 1.96 212 eP Pn 07 47 06.5 0.0
PB06 IPOC Station P 1.96 212 eS Sn 07 47 31.9 -0.7
PB06 IPOC Station P 1.96 212 IAML IAML 07 47 33.9
PSGCX Pisagua 2.12 312 eP Pn 07 47 08.0 -0.4
PSGCX Pisagua 2.12 312 eS Sn 07 47 35.0 -0.9
PB05 IPOC Station P 2.43 222 eP Pn 07 47 12.0 -0.2
PB05 IPOC Station P 2.43 222 IAML IAML 07 47 43.3
PB16 IPOC Station P 2.86 340 eP Pn 07 47 19.4 +1.3
PB16 IPOC Station P 2.86 340 IAML IAML 07 47 59.9
LPAZ La Paz 4.73 4 Pn 07 47 44.8 +2.1
LPAZ La Paz 0.2nm, 2.7m, 0.4s, baz=174, slow=5.5, SNR=82 4.73 4 Pn 07 47 44.8 +2.1
SIV San Ignacio 8.61 56 P Pn 07 48 31.0 -3.2
SIV San Ignacio 0.3nm, 0.3s, baz=245, slow=13, SNR=25 8.61 56 Pn 07 48 31.0 -3.2
SIV San Ignacio 0.9nm, 0.8s, baz=119, slow=14, SNR=3.6 07 49 58.4 -1.1
PLCA Paso Flores 17.2 185 P Pn 07 50 55.3 +1.3
BDFB Brasilia 20.12 78 P Pn 07 50 54.9 -0.9
BDFB Brasilia 0.1nm, 1.3m, 0.7s, baz=12, slow=12, SNR=6.0 20.12 78 Pn 07 50 54.9 -0.9
TORD Torodi Ar. Bea 76.80 70 P Pn 07 58 09.3 -0.1
TORD Torodi Ar. Bea 0.1nm, 0.6m, 0.5s, baz=259, slow=5.4, SNR=6.8 0.1nm, 0.6m, 0.5s Sn 07 58 09.3 -0.1
IDC 04 08:10:13.1, 3.9, 53.71N, 88.01E, h0km, mbtmp2.6/2, ML2.4/2, Error ellipse: s-maj=35.7km s-min=22.8km az=62.0
ASRS 04 08:10:14.0, 1.6, 53.65N, 87.88E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022. Southwestern Siberia
Code Station Name Az Az' Phase ID Time Res ISC
I46RU ZALESOVO INFRA 1.84 281 I Op ISC h m s ISC
I46RU Zalesovo Beam 1.84 281 Pn Pn 08 10 47.7 -0.8
ZALV Zalesovo Beam 1.84 281 Lg Lg 08 11 14.3
ZALV Zalesovo Beam 0.4nm, 0.3s, baz=98, slow=16, SNR=4.7 0.4nm, 0.3s, baz=96, slow=25, SNR=8.0 Lg 08 11 14.3
KURBB Kurchatov Arra 6.50 246 Pn Pn 08 11 52.2 +1.3
KURBB Kurchatov Arra 0.1nm, 0.3s, baz=62, slow=14, SNR=3.3 0.3m, 0.3s Sn 08 11 52.2 +1.3
KURBB Kurchatov Arra 6.50 246 AML AML 08 12 09.1 +1.3
MKAR Makanchi Array 7.74 210 Pn Pn 08 12 09.1 +1.3
MKAR Makanchi Array 0.1nm, 0.3s, baz=25, slow=13, SNR=1.8 0.2m, 0.5s AML AML
IDC 04 08:15:16.7, 3.8, 53.75N, 88.11E, h0km, mbtmp2.8/2, ML2.4/2, Error ellipse: s-maj=35.7km s-min=22.9km az=60.0
ASRS 04 08:15:13.0, 1.0, 53.72N, 88.17E, h0km, M2.7(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022. Southwestern Siberia
Code Station Name Az Az' Phase ID Time Res ISC
I46RU ZALESOVO INFRA 2.00 278 I Op ISC h m s ISC
I46RU Zalesovo Beam 2.00 278 Pn Pn 08 15 52.2 +1.0
ZALV Zalesovo Beam 2.00 278 Lg Lg 08 16 19.6
ZALV Zalesovo Beam 0.8m, 0.3s, baz=95, slow=14, SNR=1.4 3.1m, 0.3s, baz=95, slow=28, SNR=1.6 Lg 08 16 19.6
KURBB Kurchatov Arra 6.69 246 Pn Pn 08 16 56.4 +3.9
KURBB Kurchatov Arra 0.1nm, 0.3s, baz=61, slow=14, SNR=3.6 0.6m, 0.5s Sn 08 16 56.4 +3.9
KURBB Kurchatov Arra 6.69 246 AML AML 08 17 14.0 +5.0
MKAR Makanchi Array 7.89 211 Pn Pn 08 17 14.0 +5.0
MKAR Makanchi Array 0.1nm, 0.3s, baz=27, slow=13, SNR=1.7 0.1nm, 0.3s Sn 08 17 14.0 +5.0
ASRS 04 08:18:08.0, 1.3, 54.31N, 86.71E, h0km, M2.4(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.
IDC 04 08:18:06.4, 6.54, 39N, 86.86E, h0km, mbtmp2.6/2, ML2.5/2, Error ellipse: s-maj=43.5km s-min=19.7km az=63.0, Southwestern Siberia
Code Station Name Az Az' Phase ID Time Res ISC
I46RU ZALESOVO INFRA 1.28 250 I Op ISC h m s ISC
I46RU Zalesovo Beam 1.28 250 Pg Pn 08 18 33.9 -1.2
ZALV Zalesovo Beam 1.28 250 Lg Lg 08 18 52.4
ZALV Zalesovo Beam 0.9nm, 0.3s, baz=71, slow=17, SNR=11 1.3m, 0.3s, baz=67, slow=16, SNR=6.1 Lg 08 18 52.4
KURBB Kurchatov Arra 6.33 237 Pn Pn 08 19 47.2 +2.2
KURBB Kurchatov Arra 0.1nm, 0.3s, baz=48, slow=14, SNR=1.9 0.3m, 0.4s Sn 08 19 47.2 +2.2
KURBB Kurchatov Arra 6.33 237 AML AML 08 20 10.7 +0.8
MKAR Makanchi Array 8.14 203 Pn Pn 08 20 10.7 +0.8
MKAR Makanchi Array 0.1nm, 0.3s, baz=24, slow=14, SNR=1.4 0.2m, 0.5s Sn 08 20 10.7 +0.8

MKAF AML AML
CATIC 04 08:20:46.9.0.2...
MLV3.4/16, Error ellipse: s-maj=4.3km s-min=2.63km
az=45.9, confirmed
UCR 04 08:20:46.8.0.8...
Presumed earthquake
UPA 04 08:20:46.9.1.0...
Presumed earthquake
ISC 04 08:20:47.0.4.0.3...
n148..0666/175,5C-39D,Costa Rica

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists seismic stations and their associated data.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists seismic stations and their associated data.

ISC 04 08:20:51.7.0.6...
mbmp4.5/23, ML4.6/1, MS3.6/29, Error ellipse:
s-maj=17.4km s-min=13.0km az=86.0
NEIC 04 08:20:54.2.1.0...
az=277.0
BUJ 04 08:20:57.8.12/16N:142.12E,h28km,mb5.3/6,mb4.9/29,
Ms4.4/1, Ms7.3/43
ISC 04 08:20:58.3.0.4...
s171/106,mb4.7/59,MS3.6/28,1C-1D, South of Mariana

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists seismic stations and their associated data.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists seismic stations and their associated data.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Mina Array Bea, FINESS Array B, Furnace Creek, etc.

IDS 04 08:39.12.1.3, 9.53:70N, 87:39E, h0km, mbtmp2.9/2, ML2.3/2, Error ellipse: s-maj=37.1km s-min=21.4km

ASRS 04 08:39.11.0.1.1, 53:65N-87:12E, h0km, M2.4(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022., Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

ASRS 04 08:48:38.0.1.9, 53:79N, 91:02E, h0km, M2.9(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDS 04 08:48:44.9.3.7, 53:77N, 90:78E, h0km, mbtmp3.2/3, ML2.4/3, Error ellipse: s-maj=35.6km s-min=26.8km

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

NNC 04 09:03:16.5-1.8, 50:81N-73:47E, h0km, mb4.1, mpv3.8, 2C-3D, Error ellipse: s-maj=14.9km s-min=7.5km

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Borovoye Array, Kurchatov Arra, Makanchi Array, etc.

HEL 04 09:03:58.4.0.5, 67:83N, 20:21E, h0km, ML1.0, Suspected explosion, Sweden

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Lannavaara, Pajala, Hetta, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Kautokeino, Rovaniemi, ARCESS Array S, etc.

HEL 04 09:04:08.0.3, 61:07N, 29:86E, h0km, ML1.7, Suspected explosion, Finland-Karelia border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Ruokolahhti, Virojoki, FINESS Array S, etc.

HEL 04 09:04:51.1.0.2, 66:45N, 25:67E, h0km, ML1.0, Explosion

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Rovaniemi, Ranua, Tornio, etc.

IDS 04 09:07:49.9.1.0, 60:63N, 28:17W, h0km, mb3.4/7, mbtmp3.5/8, ML3.0/1, MS3.2/2, Error ellipse: s-maj=24.4km

IDS 04 09:07:51.4.0.9, 60:77N, 01:28:17W, 0:1, h10km, n10, 1940/9, mb3.5/6, Reykjan Ridge

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Borgarnes, Sonseca Array, Resolute Bay, etc.

IDS 04 09:08:23.4.0.7, 60:51N, 28:79W, h0km, mb3.8/12, mbtmp3.5/8, ML3.0/2, MS3.8/2, Error ellipse: s-maj=20.2km s-min=15.1km

NEIC 04 09:08:25.9.2.1, 60:53N, 01:08:28:6W, 0:1, h10km, 1km, mb4.4/42, Error ellipse: s-maj=14.8km s-min=9.1km

az=153.0, ISC 04 09:08:25.6.0.6, 60:55N, 01:10:28:53W, 0:07, h10km, n56, 1908/47, mb4.4/29, Reykjan Ridge

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Borgarnes, Ammassalik, Summit, etc.

IDS 04 09:24:10.7.0.5, 62:16S, 57:82W, h0km, mb4.3/13, mbtmp4.3/14, ML3.6/1, MS3.8/17, Error ellipse: s-maj=41.0km s-min=13.8km az=94.0

NEIC 04 09:24:12.4.1.0, 62:36S, 01:03:58:2W, 0:2, h10km, 1km, mb4.9/49, Error ellipse: s-maj=12.0km s-min=5.9km az=79.0

GFZ 04 09:24:14.3.0.2, 62:32S, 4:5:8W, 1, h10km, M4.7/13, mb4.7/13, confirmed

IDS 04 09:24:12.3.0.3, 62:33S, 0:05:58:17W, 0:07, h10km, n126, 1933/11, mb4.8/38, MS3.8/16, 6C-1D, South Shetland Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Besenazera, Palmer Station, etc.

IDS 04 09:24:10.7.0.5, 62:16S, 57:82W, h0km, mb4.3/13, mbtmp4.3/14, ML3.6/1, MS3.8/17, Error ellipse: s-maj=41.0km s-min=13.8km az=94.0

NEIC 04 09:24:12.4.1.0, 62:36S, 01:03:58:2W, 0:2, h10km, 1km, mb4.9/49, Error ellipse: s-maj=12.0km s-min=5.9km az=79.0

GFZ 04 09:24:14.3.0.2, 62:32S, 4:5:8W, 1, h10km, M4.7/13, mb4.7/13, confirmed

IDS 04 09:24:12.3.0.3, 62:33S, 0:05:58:17W, 0:07, h10km, n126, 1933/11, mb4.8/38, MS3.8/16, 6C-1D, South Shetland Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Besenazera, Palmer Station, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Quartz Range, Chatham Island, Tophouse, Kahutara, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Tennant Creek, Warramunga Arr, WRA, WRA, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LL02, LL02 Futaleuf, H03S2, H03S1, etc.

4d 10h

Table with columns for station code, name, frequency, and various signal quality metrics (P, S, etc.). Includes stations like USAOB, USA08, USRK, USR, etc.

2020 SEP

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like TXAR, SALTA, PB11, LENA, etc.

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Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like BELG, BELG, KLMR, STEI, etc.

Table with columns: Station Name, Time, Res, Phase ID, ISC, h, m, s, Res, ISC. Includes stations like HIN Hinchinbrook I, PLK2 Peulik 2, FID Port Fidalgo, etc.

Table with columns: Station Name, Time, Res, Phase ID, ISC, h, m, s, Res, ISC. Includes stations like CCB comp=N,26nm,0.3s, MLY Manly River, L26K Log Cabin Wild, etc.

Table with columns: Station Name, Time, Res, Phase ID, ISC, h, m, s, Res, ISC. Includes stations like KRNR Neytrino, GNBR Gunib, GSI Gunungsitoli, etc.

2020 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SHLS, SHLS, Podgornoye, UZB, UZB, KPks, etc.

IDC 04 16:23:25.81.1.27:32Sx72:01W, h0km, mb4.3/3, mbtmp3.4/4, MS3.4/12, Error ellipse: s-maj=38.2km s-min=22.5km az=108.0

SJA 04 16:23:26.70.7.27:48Sx71:56W, h19km, 3km, ML3.8, MW4.1

GUC 04 16:23:28.70.6.27:64Sx71:55W, h22km, 3km, ML3.7

ISC 04 16:23:26.80.8.27:58Sx71:65W, 0.05, h10km, n42, e1592/66, 5C-6D, Near coast of northern Chile

Main table of station data for the left column, including codes like AC04, AC04, AC04, etc., and station names like Llanos de Chal, Llanos de Chal, etc.

2020 SEP

IDC 04 16:27:22.96.4.9:20S:67:89E, h0km, mb3.4/4, mbtmp3.4/4, MS3.4/12, Error ellipse: s-maj=164.7km s-min=43.1km az=76.0

ISC 04 16:27:26.91.7.9:15S:0:3:68E:0:2, h10km, n23, e0594/10, mb3.4/4, MS3.4/12, Chagos Archipelago

Main table of station data for the middle column, including codes like H08S1, H08S3, H08S5, etc., and station names like Diego Garcia H, Diego Garcia H, etc.

RSNC 04 16:33:33.50.0.7N:1:7:3W, h145km, 1km, M3.2, mbtmp3.4/4, MS3.4/12, Error ellipse: s-maj=164.7km s-min=43.1km az=76.0

FUNV 04 16:33:35.2.7:14N:3:11W, h17km, MW3.6, Presumed earthquake

ISC 04 16:33:30.81.4.6:88N:0:03:73:07W, 0.05, h158km, 9km, n36, e157/67, Northern Colombia

Main table of station data for the middle column, including codes like BARC, BARC, PAMC, etc., and station names like Barichara, Pamplona, Colo, etc.

Table of station data for the right column, including codes like PIRB, FITO, NELY, etc., and station names like Carate, Puerto Gofito, Ciudad Neily, etc.

IDC 04 16:42:32.40.7.0:47S:145:37E, h0km, mb3.9/15, mbtmp3.9/21, ML3.3/5, MS2.9/5, Error ellipse: s-maj=17.0km s-min=12.1km az=130.0

NIED 04 16:42:35.3.40:38N:145:21E, h24km, MW3.9, Moment Tensor Solution, s3 Moment tensor: Scale 1014Nm

Mn=6.91; M1=1.05; M2=5.86; M3=0.32; M4=1.03; M5=1.12; Fault plane solution: M0=2.600x1014; NP1=18.00000; 827.0000; A=76.00000; NPF2=183.00000; 864.00000; 1.97.00000

JMA 04 16:42:35.30.1.40:40N:0:2:145:2E, 0.5, h24km, 1km, MW4.4/9, FAR E OFF NORTH HONSHU

NEIC 04 16:42:38.0E:1.8.40:38N:0:07:145:0E:0.1, h39km, 3km, mb4.6/9, Error ellipse: s-maj=10.7km s-min=10.2km az=108.0

ISC 04 16:42:37.30.7.0:47S:145:19E, 0.08, h36km, n55, e1510/45, mb4.0/20, Off east coast of Honshu

Main table of station data for the right column, including codes like ERM, ERM, JTM, etc., and station names like Erimo, Tenmabayashi, etc.

MDP	comp=Z,90nm,1.1s	30.30	94	LR	LR	18 04 12.2
OK029	Montagnes des Liberty Lake comp=Z,4um,20.1s,baz=280,slow=38	30.37	336	I	Amb	17 51 35.2
PSGCX	Pisagua comp=Z,43nm,0.9s	30.50	156	P	P	17 51 34.2 +0.2
PSGCX	Pisagua comp=Z,144nm,1.9s	30.50	156	P	P	17 51 36.5 +2.5
PSGCX	Pisagua comp=Z,29nm,1.4s	30.53	347	P	P	17 51 33.9 -0.1
CCM	Cathedral Cave comp=Z,125nm,0.9s	30.53	347	P	P	17 51 33.9 -0.1
CCM	Cathedral Cave comp=Z,153nm,1.0s	30.53	347	P	P	17 51 34.1 +0.2
Q51A	Peebles comp=Z,23um,18.0s	30.57	359	I	Amb	18 04 10.7
Q54A	Coxs Mills comp=Z,3um,18.0s	30.59	3	I	Amb	18 04 21.1
S39A	Bolivar comp=Z,93nm,1.0s	30.70	344	I	Amb	17 51 38.5
PB11	IPOC Station P comp=Z,43nm,0.9s	30.84	155	P	P	17 51 38.0 +0.9
PB11	IPOC Station P comp=Z,43nm,0.9s	30.84	155	P	P	17 51 45.8
PB11	IPOC Station P comp=Z,2um,19.0s	30.84	155	P	P	17 51 38.8 +1.7
Q44A	Meyer Farm, Va comp=Z,122nm,1.1s	30.93	351	I	Amb	17 51 43.7
G001	Chusmiza comp=Z,48nm,1.1s	30.96	154	I	Amb	17 51 47.4
G001	Chusmiza comp=Z,47nm,1.3s	30.96	154	P	P	17 51 40.9 +2.4
VILB	Vilhena comp=Z,51nm,1.1s	30.97	133	I	Amb	17 51 42.8
VILB	Vilhena comp=Z,51nm,1.1s	30.97	133	eP	P	17 51 38.5 +0.3
R40A	Maddies Statio comp=Z,76nm,1.7s	30.99	346	I	Amb	17 51 44.0
SMWD	Samnorwood comp=Z,29nm,1.7s	31.00	332	I	Amb	17 51 44.7
T35A	Sooner Cattle comp=Z,78nm,0.9s	31.00	339	I	Amb	17 51 41.3
P51A	Williamsport comp=Z,130nm,1.3s	31.02	360	I	Amb	17 51 44.8
P53A	Whipple comp=Z,3um,18.0s	31.06	2	I	Amb	18 04 35.7
P52A	Corning comp=Z,118nm,1.2s	31.18	1	I	Amb	17 51 45.9
CROK	Carrier comp=Z,56nm,0.9s	31.20	336	I	Amb	17 51 42.4
MNTX	Cornudas Mount comp=Z,31nm,1.3s	31.23	321	P	P	17 51 40.6 +0.3
MCWV	Mont Chateau comp=Z,112nm,1.2s	31.32	5	P	P	17 51 41.4 +0.4
TA01	Diego Arcacena comp=Z,54nm,1.2s	31.35	156	I	Amb	17 51 44.9
TA01	Diego Arcacena comp=Z,31nm,1.1s	31.35	156	P	P	17 51 44.2 +2.8
P46A	Rosedale comp=Z,70nm,0.9s	31.39	354	I	Amb	17 51 47.1
PB08	IPOC Station P comp=Z,55nm,1.1s	31.39	154	I	Amb	17 51 54.7
ELIS	Ellis County comp=Z,99nm,0.9s	31.42	334	I	Amb	17 51 45.8
NPGB	Novo Progresso comp=Z,114nm,1.2s	31.49	118	eP	P	17 51 42.5 -0.3
O52A	Adamsville comp=Z,3um,20.0s	31.67	2	I	Amb	17 51 50.9
O52A	Adamsville comp=Z,3um,20.0s	31.67	2	I	Amb	18 04 45.9
KAN01	Argonia South comp=Z,41nm,1.0s	31.68	337	I	Amb	17 51 47.0
ACSO	Alum Creek Sta comp=Z,2um,19.0s	31.77	0	I	Amb	18 04 37.4
O54A	Avela comp=Z,3um,18.0s	31.81	4	I	Amb	18 05 02.3
KAN08	Anthony Ne Sta comp=Z,49nm,0.9s	31.82	337	I	Amb	17 51 48.3
P61A	Hammonton comp=Z,3um,18.0s	32.06	12	I	Amb	18 05 50.1
P40A	Paris comp=Z,90nm,1.0s	32.12	347	I	Amb	17 51 50.8
N53A	Lisbon comp=Z,131nm,1.5s	32.40	3	I	Amb	17 51 56.3
N49A	Columbus Grove comp=Z,64nm,1.2s	32.48	358	I	Amb	17 51 56.4
N49A	Columbus Grove comp=Z,2um,21.0s	32.48	358	I	Amb	18 05 10.1
PB07	IPOC Station P comp=Z,47nm,1.1s	32.51	157	I	Amb	17 51 55.3
PB07	IPOC Station P comp=Z,41nm,1.2s	32.51	157	P	P	17 51 54.7 +2.9
P38A	Dawn comp=Z,56nm,0.8s	32.57	345	I	Amb	17 51 55.2
PAMR	Moraine State comp=Z,141nm,1.5s	32.58	4	I	Amb	17 51 58.1
PB09	IPOC Station P comp=Z,72nm,1.2s	32.83	156	I	Amb	17 52 08.2
PB09	IPOC Station P comp=Z,56nm,1.3s	32.83	156	P	P	17 51 58.0 +3.4
N58A	Sunbury comp=Z,45nm,1.1s	32.86	9	P	P	17 51 54.6 +0.2
PB03	IPOC Station P comp=Z,44nm,1.8s	32.86	157	P	P	17 51 55.0 +0.1
PB03	IPOC Station P comp=Z,45nm,1.1s	32.86	157	P	P	17 51 56.9 +2.1
BRNJ	Basking Ridge comp=Z,23nm,1.2s	33.08	12	I	Amb	17 52 03.5
CLDB	Colider comp=Z,33nm,1.1s	33.10	125	eP	P	17 51 55.9 -1.0
CLDB	Colider comp=Z,33nm,1.1s	33.10	125	P	P	17 51 56.2 -0.7
M52A	Chesterland comp=Z,2um,22.0s	33.11	2	I	Amb	18 04 56.8
PAOC	Oil Creek Stat comp=Z,114nm,1.5s	33.18	5	I	Amb	17 52 03.4
M44A	Midewin, Midew comp=Z,2um,18.0s	33.23	353	I	Amb	18 06 04.1
ALLY	Alegheny Colle comp=Z,124nm,1.3s	33.28	4	I	Amb	17 52 04.1
121A	Cookes Peak, D comp=Z,44nm,1.1s	33.30	320	P	P	17 51 58.4 -0.2
121A	Cookes Peak, D comp=Z,44nm,1.1s	33.30	320	I	Amb	17 52 06.6
PTLB	Pontes e Lacer comp=Z,66nm,1.3s	33.41	135	eP	P	17 51 59.5 0.0
PB05	IPOC Station P comp=Z,42nm,1.6s	33.42	158	I	Amb	17 52 07.4
PB05	IPOC Station P comp=Z,42nm,1.6s	33.42	158	P	P	17 52 01.1 +1.5
ODNJ	Ogdensburg comp=Z,92nm,1.7s	33.46	12	I	Amb	17 52 06.2
PB06	IPOC Station P comp=Z,44nm,1.1s	33.52	157	I	Amb	17 52 08.4
PAL	Palisades comp=Z,155nm,1.6s	33.53	12	I	Amb	17 52 06.8
PAL	Palisades comp=Z,2um,22.0s	33.53	12	I	Amb	18 04 32.9
N62A	Caumsett State comp=Z,2um,18.0s	33.55	13	I	Amb	18 05 42.6
CRNM	Carthage comp=Z,30um,32.3	33.60	323	P	P	17 52 00.8 -0.4
KSPA	Keystone Colle comp=Z,159nm,1.5s	33.71	10	I	Amb	17 52 10.4
Y22A	Socorro comp=Z,64nm,1.2s	33.73	323	I	Amb	17 52 10.8
ERPA	Erie comp=Z,2um,19.0s	33.76	4	I	Amb	18 06 12.1
WSPT	Westport, CT comp=Z,2um,19.0s	33.81	13	I	Amb	18 05 50.5
AAAM	Ann Arbor comp=Z,2um,19.0s	33.84	359	I	Amb	18 05 52.3
CBKS	Cedar Bluff comp=Z,46nm,0.9s	33.89	336	I	Amb	17 52 09.7
L44A	Lake County Fo comp=Z,133nm,1.3s	34.00	353	I	Amb	17 52 08.9
L44A	Lake County Fo comp=Z,2um,19.0s	34.00	353	I	Amb	18 06 39.3
ALQ	Albuquerque comp=Z,15nm,1.0s	34.13	324	I	Amb	17 52 14.8
ANMO	Albuquerque comp=Z,9.4nm,1.0s,baz=142,slow=8.4,SNR=16	34.14	324	P	P	17 52 07.3 +1.4
ANMO	Albuquerque comp=Z,9.4nm,1.0s	34.14	324	eP	P	17 52 07.1 +1.2
ANMO	Albuquerque comp=Z,18nm,1.0s	34.14	324	P	P	17 52 06.0 0.0
ANMO	Albuquerque comp=Z,124nm,1.2s	34.20	12	I	Amb	17 52 12.9
M63A	Gales Ferry comp=Z,141nm,1.3s	34.34	15	I	Amb	17 52 14.3

M63A	comp=Z,141nm,1.3s	I	Amb	I	Amb	18 07 20.4
L59A	Walton comp=Z,154nm,1.5s	34.45	10	I	Amb	17 52 17.0
L59A	Walton comp=Z,154nm,1.5s	34.45	10	I	Amb	18 07 01.2
K43A	Burlington comp=Z,3um,18.0s	34.56	353	I	Amb	17 52 10.4
PB14	IPOC Station P comp=Z,185nm,1.7s	34.97	160	P	P	17 52 13.0 -0.4
PB14	IPOC Station P comp=Z,185nm,1.7s	34.97	160	P	P	17 52 21.2
PB14	IPOC Station P comp=Z,185nm,1.7s	34.97	160	P	P	17 52 15.4 +2.1
TUC	Tucson comp=Z,2um,18.0s	35.14	317	I	Amb	18 07 21.0
L64A	Middleborough comp=Z,2um,20.0s	35.15	16	I	Amb	18 05 55.9
L61B	Northampton comp=Z,2um,18.0s	35.18	13	I	Amb	18 07 51.6
TRY	Troy comp=Z,3um,18.0s	35.23	12	I	Amb	18 07 38.1
WES	Weston comp=Z,90nm,1.4s	35.45	15	I	Amb	17 52 23.6
WES	Weston comp=Z,90nm,1.4s	35.45	15	I	Amb	18 08 00.6
J57A	Williamstown comp=Z,59nm,1.6s	35.48	9	I	Amb	17 52 23.9
K62A	Royalston comp=Z,140nm,1.5s	35.49	14	I	Amb	17 52 24.6
K62A	Royalston comp=Z,140nm,1.5s	35.49	14	I	Amb	18 06 12.7
HRV	Adam Dzewonski comp=Z,1um,19.0s	35.50	15	P	P	17 52 21.7 +4.4
HRV	Adam Dzewonski comp=Z,2um,20.0s	35.50	15	I	Amb	18 04 59.1
L34A	Svendens Farm, comp=Z,58nm,1.0s	35.53	343	I	Amb	17 52 22.2
BGNE	Belgrade comp=Z,81nm,0.8s	35.59	340	I	Amb	17 52 21.0
J59A	Piesco comp=Z,2um,21.0s	35.78	11	I	Amb	18 06 51.2
I42A	Draeger Farm, comp=Z,2um,20.0s	35.80	353	I	Amb	18 06 26.2
I40A	Norwalk comp=Z,137nm,1.2s	35.85	351	I	Amb	17 52 26.8
J61A	Chestnut Hill comp=Z,124nm,1.5s	36.06	13	I	Amb	17 52 29.0
J61A	Chestnut Hill comp=Z,124nm,1.5s	36.06	13	I	Amb	18 07 05.9
SALV	Santo Antonio comp=Z,2um,19.0s	36.19	132	eP	P	17 52 23.6 0.0
H43A	Windswept, Lux comp=Z,2um,19.0s	36.25	354	I	Amb	18 07 55.9
NCB	Newcomb comp=Z,164nm,1.9s	36.32	11	I	Amb	17 52 31.5
DELO	Delo Mine comp=Z,129nm,1.5s	36.35	6	I	Amb	17 52 30.9
CFNY	Clifton-Fine, comp=Z,130nm,1.9s	36.37	10	I	Amb	17 52 30.6
HNH	Hanover comp=Z,74nm,1.4s	36.46	13	I	Amb	17 52 32.4
HNH	Hanover comp=Z,74nm,1.4s	36.46	13	I	Amb	18 08 48.5
MCVT	Middlebury Col comp=Z,176nm,1.8s	36.55	12	I	Amb	17 52 34.8
PIX	Pinacate comp=Z,147nm,1.8s	36.59	313	I	Amb	17 52 34.6
I37A	Lemond, Waseca comp=Z,59nm,0.9s	36.70	347	I	Amb	17 52 29.6
I62A	Tamworth comp=Z,107nm,1.1s	36.84	14	I	Amb	17 52 35.6
I62A	Tamworth comp=Z,2um,19.0s	36.84	14	I	Amb	18 07 01.6
LONY	Lake Ozonia comp=Z,177nm,1.6s	36.89	10	P	P	17 52 29.9 +0.7
LONY	Lake Ozonia comp=Z,177nm,1.6s	36.89	10	P	P	17 52 37.0
MVCO	Mesa Verde comp=Z,2um,19.0s	36.91	325	I	Amb	18 08 03.4
LBNH	Lisbon comp=Z,186nm,1.6s	37.05	13	I	Amb	17 52 37.4
LBNH	Lisbon comp=Z,186nm,1.6s	37.05	13	I	Amb	18 09 24.1
BUKO	Buque Lake comp=Z,128nm,1.4s	37.11	4	I	Amb	17 52 36.1
WBO	Williamsburg comp=Z,203nm,1.6s	37.14	9	I	Amb	17 52 38.1
I63A	Otisfield comp=Z,143nm,1.6s	37.20	15	I	Amb	17 52 39.4
I63A	Otisfield comp=Z,143nm,1.6s	37.20	15	I	Amb	18 09 29.0
ECSO	EROS Data Cent comp=Z,119nm,1.4s	37.23	344	I	Amb	17 52 37.6
FLET	Fletcher comp=Z,132nm,1.6s	37.29	12	I	Amb	17 52 40.8
G40A	Rib Lake comp=Z,80nm,1.1s	37.33	352	I	Amb	17 52 37.7
SNDB	Serra Nova Dou comp=Z,111nm,1.4s	37.41	122	eP	P	17 52 34.1 +0.1
AC02	Maricunga comp=Z,111nm,1.4s	37.45	159	I	Amb	17 52 43.4
COIM	Forte Calabro comp=Z,109nm,1.1s	37.45	139	eP	P	17 52 33.9 -0.3
113A	Mohawk Valley, comp=Z,203nm,1.6s	37.46	315	I	Amb	17 52 42.5
AC06	Mina Casimiro comp=Z,127nm,1.7s	37.52	161	P		

4d 17h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like FAUS, CLZ, TUETA, ASSE, ADK, UBR, GORTI, etc.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like PRU, ROBS, MYKA, CKRC, ARAO, etc.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like MNK, AKASO, SEY, TIXI, etc.

4d 19h

Table with columns: HYB, comp=N,357nm,0.8s, IAML, 18 15 02.3, etc.

CATAC 04 18:19:39.1, 8°N, 3°W, h7km, 2km, M3.5/6, MLV3.5/6, confirmed

UCR 04 18:19:41.3, 0.4, 8.28N, 82.98W, h5km, 2km, MW3.7, Presumed earthquake

UPA 04 18:19:42.2, 1.3, 8.33N, 82.91W, h0km, 3km, MW3.3, Presumed earthquake

ISC 04 18:19:42.1, 0.9, 8.32N, 0.03, 82.97W, 0.02, h10km, 7km, n46, c0983/63, 4C-1D, Panama-Costa Rica border region

Main table for 4d 19h with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, etc.

ISC 04 18:26:36.8, 27.9, 0.52, 29N-33.13E, h0km, Error ellipse: s-maj=116.3km, s-min=87.8km, az=15.0, Baltic States-Belarus-Northwestern Russia

Table for ISC 04 18:26:36.8 with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, etc.

SJA 04 18:33:22.7, 0.8, 22.18S, 68.82W, h123km, 5km, ML3.4, MW3.5

GUC 04 18:33:22.3, 0.8, 22.21S, 68.88W, h128km, 4km, ML3.6

ISC 04 18:33:21.6, 1.4, 22.24S, 0.03, 68.79W, 0.07, h134km, 9km, n28, c1960/50, Northern Chile

Main table for 4d 19h (continued) with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, etc.

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Main table for 2020 SEP (continued) with columns: PBO5, comp=Z, 320nm, 0.5s, IAML, 18 34 16.5, etc.

NDI 04 18:35:13.4, 1.2, 19.96N, 72.88E, h5km, ML3.6, MW3.5, Presumed earthquake, Southern India

Table for NDI 04 18:35:13.4 with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, etc.

NNC 04 18:51:00.7, 6.3, 41.98N, 80.70E, h0km, mb3.1, mpv2.8, Error ellipse: s-maj=49.8km, s-min=31.8km, az=6.0

SOME 04 18:51:02.3, 42.27N, 81.05E, h20km

ISC 04 18:50:55.2, 2.2, 42.1N, 0.1, 81.30E, 0.08, h16km, n9, c1910/18, 3C-2D, Northern Xinjiang

Main table for 2020 SEP (continued) with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, etc.

NOU 04 19:16:22.1, 41.92S, 173.50E, h55km, MLV3.5/13, South Island, New Zealand

WEL 04 19:16:23.0, 0.9, 42°S, 17°4E, h52km, 9km, M2.8/7, ML2.8/6, MLV2.8/7, Error ellipse: s-maj=6.6km, s-min=4.5km, az=128.0, confirmed

ISC 04 19:16:21.0, 1.3, 41.94S, 0.03, 173.59E, 0.04, h83km, 6km, n91, c0919/96, South Island

Main table for 2020 SEP (continued) with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, etc.

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Main table for 266 with columns: KHZ, KIKS, Kaikoura, 0.49 172, P, Pn, 19 16 36.1 +1.2, etc.

GFZ 04 19:36:21.8, 0.2, 29°N, 4°13'1E, h10km, M5.1, 28/29

NEIC 04 19:36:23.0, 1.3, 29°30N, 0°04'130.54E, 0'08, h20km, 3km, mb4.6/66, Error ellipse: s-maj=10.7km, s-min=5.4km, az=103.0

NIED 04 19:36:24.5, 29°30N, 130°64E, h64km, MW4.4, Moment Tensor Solution. s3 Moment tensor: Scale 10^19Nm; Mn=0.40; Mw=1.22; Ms=1.62; Mv=0.46; Mh=3.95; Mv=0.13; Fault plane solution: Mo4.23000x10^15 NPT; sigma350.00000, sigma33.00000, tau-180.00000, NP2: sigma260.00000, sigma30.00000, tau-7.00000

ISC 04 19:36:24.6, 6.1, 8.29, 42N, 130.66E, h35km, 15km, mb3.9/21, mbtmp4.1/26, ML4.2/5, MS3.5/9, Error ellipse: s-maj=15.7km, s-min=10.7km, az=114

JMA 04 19:36:24.5, 0.1, 29°30'N, 4°13'06.0"E, h64km, 2km, MD4 2/33, MV4.4/33, NEAR AMAMI-OOSHIMA ISLAND

ISC 04 19:36:22.4, 0.8, 29.24N, 0.03, 130.69E, 0.04, h22km, 5km, n226, c1934/229, mb4.5/82, MS3.5/12, Ryukyu Islands

Main table for 266 (continued) with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, etc.

4d 19h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like CO03, CO03, Vinchina, Vinchina, Cuesta del Vie, Combarbal, Combarbal, IPOC Station P, IPOC Station P, Cerro Coronel, Tinogasta, Tinogasta, CERRO LA CRUZ, Leoncito, Coronel Fontan, San Esteban, Choya, IPOC Station P, Horco Molle, San Lorenzo, Tanti.

TAP 04 19:51:04.7,23:20N:120:82E,h7km,ML2.9,2C-2D,B, Taiwan

Main table for TAP 04 19:51:04.7,23:20N:120:82E,h7km,ML2.9,2C-2D,B, Taiwan. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like STYH Taoyuan, STYH Taoyuan, STYT Taoyuan, ELDTW Lidau, WTP Ta-pu, SGST Jiashian, SLGT Liugui, CHN1 Nanshi, WCKO Fanlu, ALS Alishan, YUS Yu-Shan, EHD Haiduan, ECS Chishang, LONT Longtian, TWG Pinlang, TWGBT Beinan, SCST Cishan, FULB Fuli, TWG Pinlang, TWGBT Beinan, CHY Chiayi, TWFW1 Yuli, YULB Yu-li, SSD Sandimen, WHYT Xinyi Township, ICHU Chenggong, ICHU Yijhu, ECHN Changbin, WCHN Douliou City, CHNB Yijhu, SSSL Suanglung, MASBT Mashibuluo, ECL Taimali, WJS Zhushan, WTK Tuku, WSL Shuilin Townsh, HGSD Ruisui, TSKC Chigu Township, SMLT Sun Moon Lake, SMLT Mingjian, WNT Mingjian, WSF Szhu, TYC Yuchr, WARB Fenglin Townsh, WRNL Guolierin Hig, EAST Anshuo, OWD Renai, ESL Shilin, RENAI Renai, WUBS Fangliu, WCS Beigang Elemen, SHUL Shoufeng, WCHS Beigang Elemen, WCHS Shoufeng, WCHI Changhua City, WCHI Zhonghua, WCHH Liugui, WCHH Taichung, TCJ Taichung, Hsiaoiluchiu, TWP Taichung, TEYL Yanliu Villag, ETM Tongmen, LXIB Xiulin Townshi, LXIB Xiulin Townshi, SLIU Shihui, WHF Hehuan Shan, HWA Hwalian, WDGJ Dunggji, WHP Taichung City, WHP Taichung City, TDCB Techu, TWT Tachien, FUSS Fushou, TWD Chiawan, TWD Chiawan, TWQ1 Liyutan, TWQ1 Dajia District, WDJ Dajia District, ETLH Xiulin Townshi, ETLH Xiulin Townshi, SMST Manzhou Townsh, SMST Manzhou Townsh, PHUB P'eng-hu, PHUB P'eng-hu, HEN Hengchun, HEN Hengchun, NACB Ninganchiao, NACB Ninganchiao, NACB Ninganchiao, ETL Fush Village, PNG Penghu, PNG Penghu, TWK1 Hengchun, TWK1 Hengchun, VCHM Qimei, VCHM Qimei, TSEB Hengchuen, Pin, TSEB Hengchuen, Pin, NNSB Datong, NNSB Datong, NNSB Datong, NMLH Miaoili, NMLH Miaoili, NNS Nanshan, NNS Nanshan, LAY Lan-yu, LAY Lan-yu, LYUB Lan-yu, LYUB Lan-yu, EAHA Aohua, EAHA Aohua, NSTT Nanjuang, NSTT Nanjuang, NSTT Emei, NSTT Emei, LIOB Emei, LIOB Emei, NFF Wufeng Townshi, NFF Wufeng Townshi, LATG Datong, LATG Datong, ENA Nanau, ENA Nanau, EWUT Wuta, EWUT Wuta, NDT Datong Townshi, NDT Datong Townshi, YHNB Yeheng, YHNB Yeheng, YHNB Yeheng, YHNB Yeheng, NSK Sanguang, NSK Sanguang, SBCB Hsinchu, SBCB Hsinchu, HSN Hsinchu, HSN Hsinchu, KSHI Guanxi Townshi, KSHI Guanxi Townshi, NDS Dongshan, NDS Dongshan, NDS Nanshan, NDS Nanshan, E0S4 E0S4, E0S4 E0S4, NWTL Wulai, NWTL Wulai, NWTL Wulai, NWTL Wulai, TWE Neicheng, TWE Neicheng, TWE Neicheng, FUSH Fushanzhiwuyua, FUSH Fushanzhiwuyua.

2020 SEP

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like ETLH Xiulin Townshi, ETLH Xiulin Townshi, NACB Ninganchiao, NACB Ninganchiao, Emei, Emei, Wufeng Townshi, Wufeng Townshi, Yeheng, Yeheng, Dongshan, Dongshan.

TAP 04 19:51:07.3,23:19N:120:83E,h6km,ML2.9,A, Taiwan

Main table for TAP 04 19:51:07.3,23:19N:120:83E,h6km,ML2.9,A, Taiwan. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like STYH Taoyuan, STYH Taoyuan, STYT Taoyuan, ELDTW Lidau, ELDTW Lidau, WTP Ta-pu, WTP Ta-pu, SGST Jiashian, SLGT Liugui, CHN1 Nanshi, YUS Yu-Shan, ALS Alishan, WCKO Fanlu, WCKO Fanlu, EHD Haiduan, ECS Chishang, LONT Longtian, LONT Longtian, TWG Pinlang, TWGBT Beinan, SCST Cishan, CHN3 Shinhua, CHN3 Shinhua, TWFW1 Yuli, TWFW1 Yuli, SSD Sandimen, SSD Sandimen, EDH Donghe, EDH Donghe, CHY Chiayi, CHY Chiayi, TSMG Majia, TSMG Majia, WHYT Xinyi Township, WHYT Xinyi Township, ICHU Chenggong, ICHU Chenggong, ICHU Yijhu, ICHU Yijhu, ECHN Changbin, ECHN Changbin, WCHN Douliou City, WCHN Douliou City, CHNB Yijhu, CHNB Yijhu, SSSL Suanglung, SSSL Suanglung, TSKC Chigu Township, TSKC Chigu Township, SMLT Sun Moon Lake, SMLT Sun Moon Lake, SMLT Mingjian, SMLT Mingjian, WNT Mingjian, WNT Mingjian, WSF Szhu, WSF Szhu, TYC Yuchr, TYC Yuchr, WARB Fenglin Townsh, WARB Fenglin Townsh, WRNL Guolierin Hig, WRNL Guolierin Hig, EAST Anshuo, EAST Anshuo, OWD Renai, OWD Renai, ESL Shilin, ESL Shilin, RENAI Renai, RENAI Renai, WUBS Fangliu, WUBS Fangliu, WCS Beigang Elemen, WCS Beigang Elemen, SHUL Shoufeng, SHUL Shoufeng, WCHI Changhua City, WCHI Changhua City, WCHI Zhonghua, WCHI Zhonghua, WCHH Liugui, WCHH Liugui, WCHH Taichung, WCHH Taichung, TCJ Taichung, TCJ Taichung, Hsiaoiluchiu, Hsiaoiluchiu, TWP Taichung, TWP Taichung, TEYL Yanliu Villag, TEYL Yanliu Villag, ETM Tongmen, ETM Tongmen, LXIB Xiulin Townshi, LXIB Xiulin Townshi, SLIU Shihui, SLIU Shihui, WHF Hehuan Shan, WHF Hehuan Shan, HWA Hwalian, HWA Hwalian, WDGJ Dunggji, WDGJ Dunggji, WHP Taichung City, WHP Taichung City, TDCB Techu, TDCB Techu, TWT Tachien, TWT Tachien, FUSS Fushou, FUSS Fushou, TWD Chiawan, TWD Chiawan, TWD Chiawan, TWD Chiawan, TWQ1 Liyutan, TWQ1 Liyutan, TWQ1 Dajia District, TWQ1 Dajia District, WDJ Dajia District, WDJ Dajia District, ETLH Xiulin Townshi, ETLH Xiulin Townshi, ETLH Xiulin Townshi, ETLH Xiulin Townshi, SMST Manzhou Townsh, SMST Manzhou Townsh, SMST Manzhou Townsh, SMST Manzhou Townsh, PHUB P'eng-hu, PHUB P'eng-hu, PHUB P'eng-hu, PHUB P'eng-hu, HEN Hengchun, HEN Hengchun, HEN Hengchun, HEN Hengchun, NACB Ninganchiao, NACB Ninganchiao, NACB Ninganchiao, NACB Ninganchiao, ETL Fush Village, ETL Fush Village, PNG Penghu, PNG Penghu, PNG Penghu, PNG Penghu, TWK1 Hengchun, TWK1 Hengchun, TWK1 Hengchun, TWK1 Hengchun, VCHM Qimei, VCHM Qimei, VCHM Qimei, VCHM Qimei, TSEB Hengchuen, Pin, TSEB Hengchuen, Pin, TSEB Hengchuen, Pin, TSEB Hengchuen, Pin, NNSB Datong, NNSB Datong, NNSB Datong, NNSB Datong, NMLH Miaoili, NMLH Miaoili, NMLH Miaoili, NMLH Miaoili, NNS Nanshan, NNS Nanshan, NNS Nanshan, NNS Nanshan, LAY Lan-yu, LAY Lan-yu, LAY Lan-yu, LAY Lan-yu, LYUB Lan-yu, LYUB Lan-yu, LYUB Lan-yu, LYUB Lan-yu, EAHA Aohua, EAHA Aohua, EAHA Aohua, EAHA Aohua, NSTT Nanjuang, NSTT Nanjuang, NSTT Nanjuang, NSTT Nanjuang, NSTT Emei, NSTT Emei, LIOB Emei, LIOB Emei, NFF Wufeng Townshi, NFF Wufeng Townshi, NFF Wufeng Townshi, NFF Wufeng Townshi, LATG Datong, LATG Datong, ENA Nanau, ENA Nanau, ENA Nanau, ENA Nanau, EWUT Wuta, EWUT Wuta, EWUT Wuta, EWUT Wuta, NDT Datong Townshi, NDT Datong Townshi, NDT Datong Townshi, NDT Datong Townshi, YHNB Yeheng, YHNB Yeheng, YHNB Yeheng, YHNB Yeheng, NSK Sanguang, NSK Sanguang, NSK Sanguang, NSK Sanguang, SBCB Hsinchu, SBCB Hsinchu, SBCB Hsinchu, SBCB Hsinchu, HSN Hsinchu, HSN Hsinchu, HSN Hsinchu, HSN Hsinchu, KSHI Guanxi Townshi, KSHI Guanxi Townshi, KSHI Guanxi Townshi, KSHI Guanxi Townshi, NDS Dongshan, NDS Dongshan, NDS Dongshan, NDS Dongshan, NDS Nanshan, NDS Nanshan, NDS Nanshan, NDS Nanshan, E0S4 E0S4, E0S4 E0S4, E0S4 E0S4, E0S4 E0S4, NWTL Wulai, NWTL Wulai, NWTL Wulai, NWTL Wulai, TWE Neicheng, TWE Neicheng, TWE Neicheng, TWE Neicheng, FUSH Fushanzhiwuyua, FUSH Fushanzhiwuyua, FUSH Fushanzhiwuyua, FUSH Fushanzhiwuyua.

TAP 04 19:52:10.7,23:20N:120:82E,h7km,ML4.2,B

Main table for TAP 04 19:52:10.7,23:20N:120:82E,h7km,ML4.2,B. Columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like STYH Taoyuan, STYH Taoyuan, STYT Taoyuan, ELDTW Lidau, WTP Ta-pu, SGST Jiashian, SLGT Liugui, CHN1 Nanshi, WCKO Fanlu, ALS Alishan, YUS Yu-Shan, EHD Haiduan, ECS Chishang, LONT Longtian, TWG Pinlang, TWGBT Beinan, SCST Cishan, FULB Fuli, TWG Pinlang, TWGBT Beinan, CHY Chiayi, TWFW1 Yuli, YULB Yu-li, SSD Sandimen, WHYT Xinyi Township, ICHU Chenggong, ICHU Yijhu, ECHN Changbin, WCHN Douliou City, CHNB Yijhu, SSSL Suanglung, MASBT Mashibuluo, ECL Taimali, WJS Zhushan, WTK Tuku, WSL Shuilin Townsh, HGSD Ruisui, TSKC Chigu Township, SMLT Sun Moon Lake, SMLT Mingjian, WNT Mingjian, WSF Szhu, TYC Yuchr, WARB Fenglin Townsh, WRNL Guolierin Hig, EAST Anshuo, OWD Renai, ESL Shilin, RENAI Renai, WUBS Fangliu, WCS Beigang Elemen, SHUL Shoufeng, WCHS Beigang Elemen, WCHS Shoufeng, WCHI Changhua City, WCHI Zhonghua, WCHH Liugui, WCHH Taichung, TCJ Taichung, Hsiaoiluchiu, TWP Taichung, TEYL Yanliu Villag, ETM Tongmen, LXIB Xiulin Townshi, LXIB Xiulin Townshi, SLIU Shihui, WHF Hehuan Shan, HWA Hwalian, WDGJ Dunggji, WHP Taichung City, WHP Taichung City, TDCB Techu, TDCB Techu, TWT Tachien, FUSS Fushou, TWD Chiawan, TWD Chiawan, TWQ1 Liyutan, TWQ1 Dajia District, WDJ Dajia District, ETLH Xiulin Townshi, ETLH Xiulin Townshi, SMST Manzhou Townsh, SMST Manzhou Townsh, PHUB P'eng-hu, PHUB P'eng-hu, HEN Hengchun, HEN Hengchun, NACB Ninganchiao, NACB Ninganchiao, NACB Ninganchiao, ETL Fush Village, PNG Penghu, PNG Penghu, TWK1 Hengchun, TWK1 Hengchun, VCHM Qimei, VCHM Qimei, TSEB Hengchuen, Pin, TSEB Hengchuen, Pin, NNSB Datong, NNSB Datong, NNSB Datong, NMLH Miaoili, NMLH Miaoili, NNS Nanshan, NNS Nanshan, LAY Lan-yu, LAY Lan-yu, LYUB Lan-yu, LYUB Lan-yu, EAHA Aohua, EAHA Aohua, NSTT Nanjuang, NSTT Nanjuang, NSTT Emei, NSTT Emei, LIOB Emei, LIOB Emei, NFF Wufeng Townshi, NFF Wufeng Townshi, LATG Datong, LATG Datong, ENA Nanau, ENA Nanau, EWUT Wuta, EWUT Wuta, NDT Datong Townshi, NDT Datong Townshi, YHNB Yeheng, YHNB Yeheng, YHNB Yeheng, YHNB Yeheng, NSK Sanguang, NSK Sanguang, SBCB Hsinchu, SBCB Hsinchu, HSN Hsinchu, HSN Hsinchu, KSHI Guanxi Townshi, KSHI Guanxi Townshi, NDS Dongshan, NDS Dongshan, NDS Nanshan, NDS Nanshan, E0S4 E0S4, E0S4 E0S4, NWTL Wulai, NWTL Wulai, NWTL Wulai, TWE Neicheng, TWE Neicheng, TWE Neicheng, FUSH Fushanzhiwuyua, FUSH Fushanzhiwuyua.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like SCLT, CHNB Yijhu, CHNB Yijhu, ECHN Changbin, ECHN Changbin, SSSL Suanglung, SSSL Suanglung, SSSL Suanglung, SSSL Suanglung, MASBT Mashibuluo, MASBT Mashibuluo, ECL Taimali, ECL Taimali, HGSD Ruisui, HGSD Ruisui, WJS Zhushan, WJS Zhushan, WJS Zhushan, WJS Zhushan, WTK Tuku, WTK Tuku, WTK Tuku, WTK Tuku, WSL Shuilin Townsh, WSL Shuilin Townsh, WSL Shuilin Townsh, WSL Shuilin Townsh, SNJT Sun Moon Lake, SNJT Sun Moon Lake, SMLT Sun Moon Lake, SMLT Sun Moon Lake, SMLT Chigu Township, SMLT Chigu Township, TSKC Chigu Township, TSKC Chigu Township, WNT Mingjian, WNT Mingjian, WNT Mingjian, WNT Mingjian, TYC Yuchr, TYC Yuchr, TYC Yuchr, TYC Yuchr, WSF Szhu, WSF Szhu, WSF Szhu, WSF Szhu, WARB Fenglin Townsh, WARB Fenglin Townsh, WSPT Xinbi, WSPT Xinbi, SSPT Xinbi, SSPT Xinbi, WSSB Gushan, WSSB Gushan, LDUT Ludao, LDUT Ludao, LDUT Ludao, LDUT Ludao, RLNB Erlin, RLNB Erlin, WRNL Guolierin Hig, WRNL Guolierin Hig, WRL Renai, WRL Renai, OWD Renai, OWD Renai, EAST Anshuo, EAST Anshuo, EAST Anshuo, EAST Anshuo, ESL Shilin, ESL Shilin, WTCT Ta-ch'eng, WTCT Ta-ch'eng, WTCT Taichung, WTCT Taichung, TEGC Jichi Village, TEGC Jichi Village, WUBS Renai, WUBS Renai, TAW Tawu, TAW Tawu, TAW Tawu, TAW Tawu, SCZT Fangliu, SCZT Fangliu, SCZT Beigang Elemen, SCZT Beigang Elemen, WCS Shoufeng, WCS Shoufeng, SHUL Shoufeng, SHUL Shoufeng, WCHI Changhua City, WCHI Changhua City, WCHI Zhonghua, WCHI Zhonghua, WCHH Liugui, WCHH Liugui, WCHH Taichung, WCHH Taichung, TCJ Taichung, TCJ Taichung, Hsiaoiluchiu, Hsiaoiluchiu, TWP Taichung, TWP Taichung, TEYL Yanliu Villag, TEYL Yanliu Villag, ETM Tongmen, ETM Tongmen, LXIB Xiulin Townshi, LXIB Xiulin Townshi, SLIU Shihui, WHF Hehuan Shan, HWA Hwalian, HWA Hwalian, WDGJ Dunggji, WDGJ Dunggji, WHP Taichung City, WHP Taichung City, WHP Taichung City, WHP Taichung City, TDCB Techu, TDCB Techu, TWT Tachien, TWT Tachien, FUSS Fushou, FUSS Fushou, TWD Chiawan, TWD Chiawan, TWD Chiawan, TWD Chiawan, TWQ1 Liyutan, TWQ1 Liyutan, TWQ1 Dajia District, TWQ1 Dajia District, WDJ Dajia District, WDJ Dajia District, ETLH Xiulin Townshi, ETLH Xiulin Townshi, ETLH Xiulin Townshi, ETLH Xiulin Townshi, SMST Manzhou Townsh, SMST Manzhou Townsh, SMST Manzhou Townsh, SMST Manzhou Townsh, PHUB P'eng-hu, PHUB P'eng-hu, PHUB P'eng-hu, PHUB P'eng-hu, HEN Hengchun, HEN Hengchun, HEN Hengchun, HEN Hengchun, NACB Ninganchiao, NACB Ninganchiao, NACB Ninganchiao, NACB Ninganchiao, ETL Fush Village, ETL Fush Village, PNG Penghu, PNG Penghu, PNG Penghu, PNG Penghu, TWK1 Hengchun, TWK1 Hengchun, TWK1 Hengchun, TWK1 Hengchun, VCHM Qimei, VCHM Qimei, VCHM Qimei, VCHM Qimei, TSEB Hengchuen, Pin, TSEB Hengchuen, Pin, TSEB Hengchuen, Pin, TSEB Hengchuen, Pin, NNSB Datong, NNSB Datong, NNSB Datong, NNSB Datong, NMLH Miaoili, NMLH Miaoili, NMLH Miaoili, NMLH Miaoili, NNS Nanshan, NNS Nanshan, NNS Nanshan, NNS Nanshan, LAY Lan-yu, LAY Lan-yu, LAY Lan-yu, LAY Lan-yu, LYUB Lan-yu, LYUB Lan-yu, LYUB Lan-yu, LYUB Lan-yu, EAHA Aohua, EAHA Aohua, EAHA Aohua, EAHA Aohua, NSTT Nanjuang, NSTT Nanjuang, NSTT Nanjuang, NSTT Nanjuang, NSTT Emei, NSTT Emei, LIOB Emei, LIOB Emei, NFF Wufeng Townshi, NFF Wufeng Townshi, NFF Wufeng Townshi, NFF Wufeng Townshi, LATG Datong, LATG Datong, ENA Nanau, ENA Nanau, ENA Nanau, ENA Nanau, EWUT Wuta, EWUT Wuta, EWUT Wuta, EWUT Wuta, NDT Datong Townshi, NDT Datong Townshi, NDT Datong Townshi, NDT Datong Townshi, YHNB Yeheng, YHNB Yeheng, YHNB Yeheng, YHNB Yeheng, NSK Sanguang, NSK Sanguang, NSK Sanguang, NSK Sanguang, SBCB Hsinchu, SBCB Hsinchu, SBCB Hsinchu, SBCB Hsinchu, HSN Hsinchu, HSN Hsinchu, HSN Hsinchu, HSN Hsinchu, KSHI Guanxi Townshi, KSHI Guanxi Townshi, KSHI Guanxi Townshi, KSHI Guanxi Townshi, NDS Dongshan, NDS Dongshan, NDS Dongshan, NDS Dongshan, NDS Nanshan, NDS Nanshan, NDS Nanshan, NDS Nanshan, E0S4 E0S4, E0S4 E0S4, E0S4 E0S4, E0S4 E0S4, NWTL Wulai, NWTL Wulai, NWTL Wulai, NWTL Wulai, TWE Neicheng, TWE Neicheng, TWE Neicheng, TWE Neicheng, FUSH Fushanzhiwuyua, FUSH Fushanzhiwuyua, FUSH Fushanzhiwuyua, FUSH Fushanzhiwuyua.

Table with columns: Station Name, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC. Includes stations like E053, E052, ILA, NCUH, etc.

NOU 04 19:53:09.3, 38°60'S-175°91'E, h165km, MLV3.5/17, North Island, New Zealand

WEL 04 19:53:12.2, 0.8, 38°51'S-177°6'E, h143km, 7km, M2.7/21, ML 1.8/6, MLV2.7/21, Error ellipse: s-maj=6.9km

n121=4.3km az=144.9, confirmed ISC 04 19:53:06.0, 1.6, 38°45'S-175°32'E, 0.05, h190km, 8km, s-min=18.8km/137, North Island

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC. Includes stations like GRRZ, GRRZ, HSRZ, etc.

Table with columns: Station Name, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC. Includes stations like KHEZ, KHEZ, PRGZ, etc.

NIED 04 19:54:56.6, 29°31'N-130°64'E, h64km, MW3.9, Moment Tensor Solution, s-3 Moment tensor: Scale 10^14Nm

Fault plane solution: Mw: 5.0000x10^14 NP1: 6.1633 0.0000°, 363.0000°, 1-160.0000°. NP2: 6.1633 0.0000°, 872.0000°, -28.00000°

JMA 04 19:54:56.6, 0.1, 29°31'N-130°64'E, h64km, 1km, MV4.0/32, NEAR AMAMI-OOSHIMA ISLAND

IDC 04 19:54:57.7, 2.2, 29°31'N-130°71'E, h52km, 20km, mb3.5/12, mbmp3.7/17, ML3.5/5, Error ellipse: s-maj=27.2km

s-min=18.8km az=102.0 ISC 04 19:54:57.3, 1.2, 29°22'N-130°67'E, 0.08, h48km, 12km, n41, c079/45, mb3.6/12, Ryukyu Islands

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC. Includes stations like JNN, JYAK, JYAK, etc.

Table with columns: Station Name, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC. Includes stations like ASAR, ALAR, KBZ, etc.

CATAC 04 20:03:17.6, 0.7, 8°N-5°8'3W, h2km, 3km, MA, 0/10, MLV4.0/10, Error ellipse: s-maj=9.8km s-min=5.6km az=7.0, confirmed

UCR 04 20:03:18.5, 0.8, 8°30'N-82°99'W, h10km, 3km, MW4.3, Presumed earthquake

UPA 04 20:03:18.8, 1.3, 8°34'N-82°93'W, h6km, 2km, MW4.3, Presumed earthquake

ISC 04 20:03:18.3, 0.9, 8°31'N-0°03'-82°99'W, 0.02, h16km, 6km, n66, c087/87, 2C-13Z, Panama-Costa Rica border region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC. Includes stations like PTPM, PTPM, PTPA, etc.

NEIC 04 20:05:40.4, 1.2, 18°3N-0°1:65:40W, 0.02, h121km, 8km, ML3.1/35, MD3.7/13(RSPR), Error ellipse: s-maj=21.5km s-min=2.8km az=182.0

RSPR 04 20:05:42.2, 18°28N-65°46W, h116km, 1km, MD3.7/13, ISC 04 20:05:39.2, 2.0, 18°3N-0°2:65:38W, 0.06, h129km, 12km, n38, c084/53, 12C-2Z, Puerto Rico region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, h m s ISC. Includes stations like HUMP, HUMP, HUMP, etc.

4d 20h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Cerrillos, Obispo Ponce, Maguayes Islan, etc.

CNMR 04 20:07:42.8, 36:58N, 4:59W, h73km, ML3.2
SFS 04 20:07:43.9, 36:57N, 4:52W, h72km, ML3.6/24, ML3.7/25, ML3.5/25
IGIL 04 20:07:44.6, 36:55N, 4:54W, h60km, ML2.8
MDD 04 20:07:44.1, 0.2, 36:55N, 4:54W, h64km, 3km, MB3.9/87, Error ellipse: s-maj=1.8km s-min=1.3km az=160.0

INMG 04 20:07:45.5, 1.5, 36:59N, 4:53W, h77km, 5km, ML3.3, Error ellipse: s-maj=2.5km s-min=2.0km az=160.0

#DIST_RANGE: REGIONAL #PMA_REGION: SW Malaga (ESP)

ISC 04 20:07:42.0, 1.1, 36:59N, 0:02, 4:53W, 0:02, h79km, 5km, n150, s164/281, 45C-6D, Strait of Gibraltar

Main station list table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Mijas, Malaga-Limoner, Sierra Gorda, etc.

2020 SEP

Main station list table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AKL, Granatula de C, Sidi Chahed, etc.

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Main station list table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AFON, Cofrentes, Val, Montargil, etc.

Table with columns: ELAN, comp=N,228nm,SNR=35, 20 09 21.5, 20 10 30.2 -2.1, 20 09 20.2 +2.1, 20 10 29.4 -3.8, 20 09 20.8 +2.0, 20 10 31.8 -2.8, 20 09 21.7 +2.9, 20 10 32.8 -1.8, 20 09 21.6 +2.7, 20 10 32.9 -1.8, 20 09 21.7 +2.8, 20 10 32.8 -1.9, 20 09 21.8 +2.9, 20 10 33.2 +1.5, 20 09 24.2 +2.0, 20 10 37.5 -2.9, 20 09 24.3 +2.1, 20 10 36.4 -4.1, 20 09 24.2 +1.2, 20 10 39.6 -2.5, 20 09 25.1 +1.9, 20 09 27.1 +2.4, 20 09 28.5, 20 10 41.5 -3.7

CATAC 04 20:26:31.7-0.6, 8°N-4°8'30"W, h1km, M3.8/7, ML3.8/7, Error ellipse: s-maj=7.9km s-min=4.6km az=7.5, confirmed UCR 04 20:26:31.7-0.7, 8°31'N-83°00'W, h13km, 4km, MW4.3, Presumed earthquake UPA 04 20:26:31.7-1.1, 8°35'N-82°96'W, h10km, 2km, MW4.0, Presumed earthquake ISC 04 20:26:31.9-0.9, 8.322N-0.03-82.98W, 0.02, h17km, 6km, n53, c08178, 8D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, ISC, h, m, s, ISC. Rows include PTM Petroterminal, PTPA Petro Terminal, LIMO3 Limones, CDITO Canoas, NELY Ciudad Neily, PIRO Carate, Puerto, EDAD Golfito, MLIR3 Monte Lirio, VITO San Vito, DVID David, BRU2 Volcan, BRU2 Volcan, BRU2 Volcan, LCLR Cordillera, LCLR Cordillera, LOMA3 Las Lomas, Chi, PTAR3 Potrerillos Ar, CHIR3 Chiriqui UPA, BOTLY Boquete Panama, BOSF3 Alto Boquete, LNB03 Los Naranjos, EDP2 Potrero Grande, DRKO Durika, RBALA Bur, RBALA Bur, OCHAL Ojochal, EDPE Pejibaye, P, CHGR2 Aguacate, CNIE2 El Empalme, Bo, KNTTU Kakintí, CEUA Cerro Uatsi, L, RGM0 Gandoca, RGM0 Gandoca, LCR2 La Lucha 2, LCR2 La Lucha 2, LCR2 La Lucha 2, GMAL Guarumal, Vera, CVTR Volcan Turrial, SAFE3 Santa Fe, Vera, STIA3 Santiago, Vera, CALO3 Calobre, Verag, CACAO El Cacao, Vera, AZU Azuero, JTS Las Juntas de, JTS Las Juntas de, ZANG Zanguenga, Cho, BCIP Isla Barro Col, GAMB1 Gamboa, FRUJ El Hiral, MDD 04 20:55:36.8-0.6, 36°37'N-8°09'W, h8km, 3km, mb_Lg3.0/20, Error ellipse: s-maj=4.7km s-min=3.0km az=55.0, CNRM 04 20:55:37.4, 36°32'N-8°12'W, h64km, ML2.9, SFS 04 20:55:38.0, 36°33'N-8°15'W, h28km, ML3.1/18, ML3.5/18, MLV3.0/18, IGL 04 20:55:39.1, 36°34'N-8°12'W, h32km, ML2.6, INMG 04 20:55:39.1, 36°33'N-8°13'W, h30km, 7km, ML2.6, Error ellipse: s-maj=5.7km s-min=2.1km az=79.0, #DIST_RANGE: REGIONAL HIPMA REGION: SW Faro ISC 04 20:55:36.7-1.3, 36.37N-0.03-82.98W, 0.03, h28km, 3km, n90, c1530/158, 1C-7Z, West of Gibraltar

Table with columns: PFVI Vila Bispo, 0.97 322 P, Pn, 20 55 55.1 +0.7, 20 56 07.5 +0.2, 20 55 55.1 +0.7, 20 56 07.8 +0.5, 20 56 11.4, 20 56 12.7, 20 55 55.2 +0.7, 20 56 10.7 +3.4, 20 55 56.3 +0.9, 20 56 09.1 -0.2, 20 55 56.4 +0.9, 20 56 09.2 -0.2, 20 56 10.2, 20 56 10.3, 20 55 57.0 +0.4, 20 56 10.0 -0.2, 20 56 11.1, 20 56 12.3, 20 56 12.3, 20 55 57.1 +0.5, 20 56 11.4 +1.5, 20 55 59.7, 0.0, 20 56 14.8 +0.4, 20 56 14.8 +0.4, 20 56 15.1 -0.5, 20 56 16.0, 20 55 59.7, 0.0, 20 56 14.4 -0.1, 20 55 59.8, 0.0, 20 56 15.3 -0.3, 20 56 15.6, 20 56 15.8, 20 56 15.6, 20 56 15.8, 20 56 00.0 -0.2, 20 56 15.2 +0.2, 20 56 17.0, 20 56 18.3, 20 56 00.0 -0.2, 20 56 16.1 +0.5, 20 56 17.0, 20 56 19.7, 0.0, 20 56 21.1, 20 56 02.6 -0.8, 20 56 20.2 +0.5, 20 56 20.7, 20 56 21.2, 20 56 02.3 +0.3, 20 56 22.2 +0.7, 20 56 27.6, 20 56 28.0, 20 56 05.2 +1.0, 20 56 24.5 -0.3, 20 56 24.5, 20 56 35.4, 20 56 38.0, 20 56 06.7 +0.9, 20 56 26.8 -0.9, 20 56 27.4 -1.4, 20 56 28.2 +0.6, 20 56 30.0 +1.3, 20 56 30.0 +0.7, 20 56 08.0 +1.3, 20 56 38.4 +1.4, 20 56 09.4 +1.0, 20 56 32.3 0.0, 20 56 09.5 +1.1, 20 56 33.9 -0.5, 20 56 34.3, 20 56 34.3, 20 56 11.8 +1.1, 20 56 35.9 -0.7, 20 56 11.9 +1.0, 20 56 36.0, 0.0, 20 56 39.3, 20 56 39.7, 20 56 40.4, 20 56 12.1 +1.2, 20 56 37.1 -0.4, 20 56 37.6, 20 56 37.7, 20 56 37.8, 20 56 13.7 +1.8, 20 56 40.5 +1.8, 20 56 41.6, 20 56 39.9 -0.1, 20 56 15.7 +1.0, 20 56 43.5 -0.2, 20 56 44.6, 20 56 45.9, 20 56 16.9 +1.1, 20 56 45.5 -0.2, 20 56 17.0 +1.1, 20 56 45.5 -0.2, 20 56 47.8, 20 56 49.8, 20 56 17.7 +1.8, 20 56 46.8 +1.1, 20 56 18.9 +0.9, 20 56 49.8 +0.3, 20 56 19.0 +1.0, 20 56 50.7 +1.2, 20 56 54.7, 20 56 19.2 +1.0, 20 56 50.9 +1.3, 20 56 50.4, 20 56 50.4, 20 56 19.5 +0.9, 20 56 49.3 -1.3, 20 56 53.3, 20 56 19.9 +1.0, 20 56 51.8 +0.5, 20 56 20.6 +1.6, 20 56 51.9 +0.2, 20 56 52.3, 20 56 52.5, 20 56 23.8 +1.5, 20 56 24.8 +1.0, 20 56 53.9 -0.2, 20 57 00.7, 20 57 01.5, 20 57 01.9, 20 56 23.9 0.0, 20 56 58.3 -1.1, 20 57 00.7 -0.8, 20 57 00.8 +0.6, 20 56 24.5 0.0, 20 57 01.1 -0.1, 20 56 26.4 +1.4, 20 57 02.4 +0.3, 20 57 02.6, 20 57 03.3, 20 57 03.5, 20 56 26.7 +1.2, 20 57 03.0 0.0, 20 57 04.0, 20 57 04.7, 20 56 28.1 +1.8, 20 57 04.5 0.0, 20 56 28.5 +2.2, 20 57 04.9 +1.4, 20 57 14.8

Table with columns: EADA Adamuz, 3.32 56 P, Pn, 20 56 28.1 +1.2, 20 57 03.9 -1.5, 20 56 27.8 +0.9, 20 57 04.0 -1.5, 20 57 06.8, 20 56 30.3 +1.1, 20 57 09.1 -0.6, 20 57 10.4, 20 57 10.2, 20 57 11.2, 20 56 31.3 +0.4, 20 57 12.1 +0.8, 20 56 32.2 +1.3, 20 57 18.7, 20 56 33.1 +1.2, 20 57 13.8 -0.7, 20 57 15.3, 20 57 15.3, 20 57 15.4, 20 56 33.1 +0.3, 20 57 11.1 -4.9, 20 56 34.0 +0.3, 20 57 18.2 +0.9, 20 56 35.4 +1.6, 20 57 19.0 +1.3, 20 57 26.4, 20 56 35.9 +1.4, 20 57 18.3 -0.4, 20 57 18.3 +0.4, 20 56 34.6 -0.4, 20 56 36.9 +0.6, 20 57 21.4 -1.0, 20 57 23.9, 20 57 23.1 -1.3, 20 57 24.8, 20 57 25.3, 20 58 02.3, 20 56 39.4 +1.9, 20 56 39.5 +0.4, 20 57 25.3 -1.0, 20 57 29.0 +0.4, 20 57 36.6, 20 56 41.8 +1.0, 20 57 28.9, 20 57 29.9 -0.7, 20 57 29.9 -0.1, 20 56 44.0 +0.1, 20 56 45.4 +0.5, 20 57 37.6, 20 57 39.0 -2.3, 20 57 41.1, 20 57 41.6, 20 57 42.0, 20 56 45.2 -2.4, 20 57 42.0 -2.5, 20 57 44.5, 20 57 45.6, 20 56 50.9 +0.9, 20 57 44.3 -2.6, 20 57 46.2, 20 57 46.5, 20 57 47.1, 20 56 52.2 -0.1, 20 56 53.7 +0.1, 20 57 51.4 -2.0, 20 57 54.2, 20 57 54.4 +1.0, 20 57 52.2 -2.8, 20 57 54.9, 20 57 55.0, 20 57 55.2, 20 56 57.9 +1.5, 20 56 58.1 -0.4, 20 57 53.5 -5.1, 20 56 56.3 -0.2, 20 56 56.9 +0.2, 20 57 57.1 -1.8, 20 57 58.1, 20 56 57.0 -2.8, 20 57 58.9, 20 57 59.0, 20 57 59.5, 20 56 58.0 +0.4, 20 56 59.2 +1.1, 20 57 58.0 -3.4, 20 57 59.4, 20 58 03.7, 20 56 58.3 +0.5, 20 57 09.9 +0.5, 20 58 19.2 -2.6, 20 58 19.3, 20 57 10.8 +0.5, 20 58 21.2 -2.2, 20 58 23.2

SNET 04 21:06:25.0:1.1, 14°18'N-90°25'W, h170km, ML2.9, Presumed earthquake GCG 04 21:06:25.9:0.8, 14°20'N-90°34'W, h156km, 8km, MD4.0, Presumed earthquake ISC 04 21:06:22.3:7.1, 14°3N:0.1x90°19W:0.09, h190km, 25km, n14, c1952/19, Guatemala

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, ISC, h, m, s, ISC. Rows include FG16 Aletenango, SA, 0.31 266 iP, Pn, 21 06 49.0 +0.7, FG36 Yecopaca, Chim, 0.36 264 iP, Pn, 21 06 49.2 +0.9, JUAM Asuncion Mita, 0.47 85 iP, Pn, 21 06 49.1 +0.5, SNUE San Jose, 0.71 127 eP, Pn, 21 06 50.4 +0.5, CEVA Cerro Verde, 0.72 130 eP, Pn, 21 06 50.6 +0.7, APG El Apazote, 0.75 339 iP, S, 21 06 50.8 +0.6, APG El Apazote, 0.75 339 iP, S, 21 07 10.1 -1.4, MTO3 Montecristo, 0.81 83 iP, Pn, 21 06 51.5 +1.1, MTO3 Montecristo, 0.81 83 eP, Pn, 21 06 52.0 +1.6, ZAFR Estanzuela, Za, 0.86 71 iP, Pn, 21 06 52.0 +0.6, JAYA Estanzuela - finc, 0.96 132 eP, S, 21 07 10.7 -2.8, JAYA Estanzuela - finc, 0.96 132 eP, S, 21 06 51.9 +0.6, JAYA Estanzuela - finc, 0.96 132 eP, S, 21 07 12.8 -0.7, STGB El Palmar, Qui, 1.14 278 iP, Pn, 21 06 54.7 +2.0, STGB El Palmar, Qui, 1.14 278 iP, Pn, 21 07 18.5 +2.6, SOKI Kika Raqxun, 1.29 294 eP, Pn, 21 06 53.5 -0.6, SMCA Catarina, 1.91 287 iP, S, 21 06 59.5 -0.1, SMCA Catarina, 1.91 287 iP, S, 21 07 25.7 -2.4

BJI 04 21:10:11.3, 52°61'N:160°03'E, h9km, mb5.1/16, mb4.8/59, Ms5.3/48, Ms7.5/148, KRSC 04 21:10:12.9:1.4, 52°08'N:160°56'E, h4km, 19km, Mc5.0, Ms 6.6, Felt [III-III] at Petropavlovsk, Ribachiy, Viluchinsky [II] at lighthouse Petropavlovskiy, MOS 04 21:10:16.7:0.9, 52°22'N:160°17'E, h5km, mb5.2/93, MS4.7/10, Error ellipse: s-maj=5.4km s-min=3.1km az=101.3, IDC 04 21:10:17.5:2.5, 52°36'N:160°01'E, h32km, 17km, mb4.7/37, mbmp4.9/41, ML4.9/3, MS4.5/77, Error ellipse: s-maj=13.3km s-min=9.7km az=139.0, NEIC 04 21:10:17.1:1.6, 52°18'N:0.07x160°31'E:0.09, h35km, 1km, MD4.7/407, Error ellipse: s-maj=12.4km s-min=9.0km az=193.0, GFZ 04 21:10:18.9:0.2, 52°N:4°16'E, h34km, M5.1/134, mb5.2/134, Mw5.0/55, GCMT 04 21:10:19.0:0.2, 52°08'N:0.01x160°52'E:0.02, h29km, Mw5.1/115, Moment Tensor Solution. s80.c119; s115.c188; Duration: 0 Moment tensor: Scale 10^16Nm; Mr4.10s: 1.3; Mo=2.22e-09; Mo=2.44e-15; Mo=1.85e-06; Mo=2.26e-13; Best double couple: Mc5.20500x1016 NP1:φ=228.00000°, δ25.00000°, λ90.00000°. NP2:φ=47.00000°, δ65.00000°, λ90.00000°. Principal axes: T 5.3010, P1g70.0000°, Azm317.0000°; N -0.1920, P1g0.0000°, Azm47.0000°; P -5.1090, P1g20.0000°, Azm138.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, ISC, h, m, s, ISC. Rows include PBDV Barranco-do-Ve, 0.88 8 P, Pn, 20 55 54.3 +1.1, PBDV Barranco-do-Ve, 0.88 8 eP, S, 20 56 05.8 +0.6, PBDV Barranco-do-Ve, 0.88 8 eP, S, 20 56 06.2 +1.0, PBDV Barranco-do-Ve, 20 56 10.2, PBDV Barranco-do-Ve, 20 56 11.5, PBDV Barranco-do-Ve, 20 56 11.7

Triangular moment-rate function

BGR 04 21:10:20.2, 52.52N, 159.12E, h40km, mb5.1, Ms4.6
ISC 04 21:10:17.0, 4.52221N, 0.04, 160.33E, 0.03, h46km, 3km,
h46km: p-P, n1395, e1395/1408, mb4.9/496, MS4.8/104,
68C-50D, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Lists seismic stations and their associated data points.

Main table of seismic event data with columns: Station Name, Azimuth, Phase ID, Time, Residual. Lists various stations like TYV, TYV, SEY, AMKA, NKL, etc.

Table of seismic event data with columns: Station Name, Azimuth, Phase ID, Time, Residual. Lists stations like K13K, JYT, M13K, MDJ, etc.

H21K	Melozitna Rive	26.91	42	P	P	21 15 54.5 +0.4
E21K	Killik River	26.97	36	P	P	21 15 55.3 +0.8
KSRS	Korea Array	27.03	250	P	P	21 15 56.0 +0.7
comp-Z, 8.8nm, 0.8s, baz=41, slow=9.8, SNR=25						
KSRS				LR	LR	21 27 34.2
comp-Z, 2.0m, 18.1s, baz=50, slow=38						
KSAR	Wonju Array Be	27.06	250	P	P	21 15 54.6 -1.0
KSAR	Wonju Array Be	27.06	250	P	P	21 15 54.6 -1.0
KDAK	Kodiak Island	27.12	59	P	P	21 15 55.8 -0.1
comp-Z, 10.0nm, 0.9s						
KDAK	Kodiak Island	27.12	59	P	P	21 15 55.8 -0.1
STLK	Strandline Lak	27.16	51	P	P	21 15 57.5 +1.2
H22K	Ishaitila Cre	27.52	42	P	P	21 16 00.3 +0.8
COLD	Coldfoot	28.15	39	P	P	21 16 06.0 +1.0
BWN	Browne	28.23	45	P	P	21 16 06.1 +0.3
BWN				IAMB	IAMB	21 16 25.3
comp-Z, 3.6nm, 1.2s						
H23K	Yukon River	28.27	42	P	P	21 16 07.9 +1.1
I23K	Minto, Yukon-K	28.30	43	P	P	21 16 07.5 +1.7
CIT	Chita	28.34	288	eP	eP	21 16 04.0 -3.0
CIT				e	e	21 16 20.0
CIT				e	e	21 16 55.0
CIT				e	e	21 17 17.2
CIT				e	e	21 19 13.4
comp-Z, 3.7nm, 1.8s						
SEW	Seward	28.43	54	P	P	21 16 08.4 +0.8
SEW				IAMB	IAMB	21 16 18.1
comp-Z, 3.2nm, 1.2s						
MCK	McKinley	28.46	46	P	P	21 16 08.7 +0.8
MCK				pmax	pmax	
comp-Z, 7.0nm, 1.1s						
MCK	McKinley	28.46	46	P	P	21 16 08.7 +0.8
E23K	Reindeer	28.50	47	P	P	21 16 09.4 +1.1
RND	Reindeer	28.50	47	P	P	21 16 09.4 +1.1
RND				pmax	pmax	
comp-Z, 9.0nm, 1.1s						
RND	Reindeer	28.50	47	P	P	21 16 09.4 +1.1
JNU	Nakatusu	28.55	240	P	P	21 16 09.9 +0.9
JNU				LR	LR	21 29 31.8
comp-Z, 2.5nm, 0.8s, baz=51, slow=10, SNR=13						
KNK	Knik Glacier	28.78	51	P	P	21 16 11.7 +0.9
KNK				IAMB	IAMB	21 16 27.8
comp-Z, 1.2nm, 1.0s						
SML	Sawmill	28.81	50	P	P	21 16 11.8 +0.7
SML				pmax	pmax	
comp-Z, 1.4nm, 0.8s						
SML	Sawmill	28.81	50	P	P	21 16 11.8 +0.7
SML				IAMB	IAMB	21 16 21.4
comp-Z, 1.4nm, 0.8s						
WRH	Wood River Hill	28.83	45	P	P	21 16 13.2 +2.0
WRH				IAMB	IAMB	21 16 16.8
comp-Z, 1.0nm, 0.6s						
E24K	Your Creek	28.91	37	P	P	21 16 13.6 +1.7
D24K	Happy Valley	28.95	35	P	P	21 16 12.3 +0.2
C0B	Cleas Creek Bu	28.95	44	P	P	21 16 13.7 +1.5
H24K	Noodor Dome	28.95	42	P	P	21 16 13.5 +1.2
H24K				PcP	PcP	21 19 21.6 +1.8
G24K	Hadweenzic Riv	29.17	40	P	P	21 16 15.5 +1.4
DHY	Denali Highway	29.18	48	P	P	21 16 14.5 +0.1
IL31		29.35	44	P	P	21 16 17.0 +1.3
ILAR	Eielson Array	29.35	44	P	P	21 16 17.2 +1.5
ILAR				PcP	PcP	21 19 21.1 +3.3
comp-Z, 1.6nm, 0.6s, baz=281, slow=3.4, SNR=8.0						
ILAR				LR	LR	21 29 34.6
comp-Z, 7.15nm, 18.0s, baz=260, slow=39						
ILAR	Eielson Array	29.35	44	P	P	21 16 16.3 +0.6
ILAR				P	P	21 19 20.9 +0.6
ILAR				PcP	PcP	21 19 20.6 -0.2
D25K	Kavik River	29.84	35	P	P	21 16 21.0 +0.9
D25K				IAMB	IAMB	21 16 32.3
comp-Z, 1.1nm, 0.6s						
K24K	Domine Dome	29.86	46	P	P	21 16 21.6 +1.3
PRP	Porcupine Dome	29.92	43	P	P	21 16 22.0 +1.1
J25K	Salcha River	30.00	44	P	P	21 16 22.6 +1.0
E25K	Arctic Village	30.00	37	P	P	21 16 22.2 +0.7
RIDG	Independent Ri	30.27	46	P	P	21 16 25.7 +1.7
XLT	XILiNhoTe	30.31	272	eP	eP	21 16 23.4 -1.1
XLT				pP	pP	21 16 27.8 -8.2
XLT				pmax	pmax	
comp-Z, 1.0nm, 0.7s						
XLT				pmax	pmax	
comp-Z, 2.10nm, 5.1s						
XLT				L	L	
comp-Z, 2.290nm, 15.7s						
XLT				L	L	
comp-Z, 2.0m, 16.2s						
XLT				L	L	
comp-Z, 4.0m, 15.7s						
BMAR	Burnt Mountain	30.34	39	P	P	21 16 26.0 +1.5
G26K	Porcupine River	30.34	40	P	P	21 16 27.9 +0.9
SCRK	Sand Creek	30.64	46	P	P	21 16 28.2 +0.9
H27K	Steamboat Moun	31.55	41	P	P	21 16 31.1 +1.6
L27K	Beaver Creek,	31.69	47	P	P	21 16 37.0 +0.5
L27K				IAMB	IAMB	21 16 53.7
comp-Z, 6.0nm, 0.8s						
BCAR	Beaver Creek A	31.71	47	P	P	21 16 37.3 +0.6
I28M	Miner Creek	32.25	43	P	P	21 16 42.2 +0.8
E28M	Babbage River	32.26	37	P	P	21 16 39.6 -1.7
LOGN	Logan Glacier	32.45	51	P	P	21 16 43.7 +0.4
LOGN				IAMB	IAMB	21 16 58.9
comp-Z, 1.2nm, 1.1s						
H11N2	WAKE ISLAND Hy	32.81	169	T	T	21 52 33.8
baz=349, SNR=771						
H29M	Whitestone	32.83	41	P	P	21 16 46.4 +0.1
H29M				IAMB	IAMB	21 17 00.8
comp-Z, 7.5nm, 1.0s						
H11N3	WAKE ISLAND Hy	32.83	169	T	T	21 52 50.3
baz=349, slow=74						
H11N1	WAKE ISLAND Hy	32.83	169	T	T	21 52 44.3
baz=349, slow=74						
O28M	Mount Upton	32.85	51	P	P	21 16 48.2 +1.3
O28M				IAMB	IAMB	21 17 00.3
comp-Z, 6.0nm, 0.9s						
E29M	Blow River	32.87	37	P	P	21 16 46.5 -0.1
G29M	Pine Creek	32.91	40	P	P	21 16 47.5 +0.5
G29M				IAMB	IAMB	21 16 58.1
comp-Z, 8.3nm, 0.8s						
PCA	Pinnacle	32.96	52	P	P	21 16 48.0 +0.3
PCA				IAMB	IAMB	21 17 01.4
comp-Z, 2.0nm, 0.8s						
M29M	Somme Creek	33.32	48	P	P	21 16 52.8 +2.0
L29M	L29M	33.35	47	P	P	21 16 52.4 +1.4
L29M				IAMB	IAMB	21 17 05.8
comp-Z, 7.2nm, 0.7s						
G30M	tAoh Zraii Nji	33.61	39	P	P	21 16 53.6 +0.5
G30M				IAMB	IAMB	21 17 05.0
comp-Z, 7.2nm, 0.9s						
F30M	Barrier River	33.71	38	P	P	21 16 55.1 +1.1
F30M				IAMB	IAMB	21 17 10.5
comp-Z, 5.7nm, 0.7s						
I30M	Mount Dempster	33.76	43	P	P	21 16 55.0 +0.3
I30M				IAMB	IAMB	21 17 09.5
comp-Z, 6.8nm, 1.1s						
ULN	Ulaanbaatar	33.84	284	P	P	21 16 50.8 -4.8
ULN	Ulaanbaatar	33.84	284	eP	eP	21 16 53.8 -2.0
ULN				pmax	pmax	
comp-Z, 2.3nm, 2.3s						
ULN	Ulaanbaatar	33.84	284	P	P	21 16 53.4 -2.2
ULN				IAMB	IAMB	21 16 55.2
comp-Z, 6.2nm, 0.8s						
ULN	Ulaanbaatar	33.84	284	P	P	21 16 54.4 -1.2
ULN	Ulaanbaatar	33.84	284	P	P	21 16 54.7 -0.9
ULN				IAMB	IAMB	21 17 01.4
comp-Z, 8.3nm, 0.8s						
H11S1	WAKE ISLAND Hy	34.00	169	T	T	21 54 19.3
baz=352, slow=76, SNR=221						
H11S3	WAKE ISLAND Hy	34.01	169	T	T	21 54 14.1
baz=352, slow=76, SNR=221						
H11S2	WAKE ISLAND Hy	34.02	169	T	T	21 54 15.0
baz=352, slow=76, SNR=221						
HYT	Haines Junctio	34.12	51	P	P	21 16 59.6 +1.8
HYT				IAMB	IAMB	21 17 14.3
comp-Z, 6.6nm, 1.1s						
SOMM	Songino Array	34.25	285	P	P	21 16 58.0 -1.0
SOMM				PcP	PcP	21 19 35.8 +1.2
comp-Z, 3.9nm, 0.4s, baz=64, slow=8.0, SNR=43						
SOMM				PcP	PcP	21 19 35.8 +1.2
comp-Z, 1.4nm, 0.6s, baz=82, slow=3.1, SNR=3.6						

SONM				LR	LR	21 32 25.4
comp-Z, 4.0m, 18.5s, baz=67, slow=39						
SOMM	Songino Array	34.25	285	IAMB	IAMB	21 16 57.8 -1.3
SOMM				P	P	21 17 03.9
comp-Z, 5.3nm, 0.7s						
SONM	Tai'an	34.27	259	P	PcP	21 19 35.4 +0.9
TIA				pmax	pmax	21 16 58.6 -0.6
comp-Z, 3.7nm, 0.8s						
TIA				L	L	
comp-Z, 1.0m, 16.3s						
TIA				L	L	
comp-Z, 8.00nm, 13.7s						
TIA				L	L	
comp-Z, 2.0m, 14.9s						
INK	Inuvik	34.49	37	P	P	21 17 01.6 +0.9
INK				pmax	pmax	
comp-Z, 8.0nm, 1.2s						
INK	Inuvik	34.49	37	P	P	21 17 01.6 +0.9
INK				IAMB	IAMB	21 17 08.0
comp-Z, 7.6nm, 1.1s						
F31M	Tsigichtchic	34.51	38	P	P	21 17 01.9 +1.0
F31M				IAMB	IAMB	21 17 11.3
comp-Z, 7.2nm, 0.9s						
HHC	Hu-ho-hao-te	34.78	271	eP	eP	21 17 06.9 +3.2
HHC				pmax	pmax	
comp-Z, 10.0nm, 0.6s						
HHC				pmax	pmax	
comp-Z, 2.30nm, 5.6s						
HHC				L	L	
comp-Z, 2.0m, 16.8s						
HHC				L	L	
comp-Z, 1.0m, 16.8s						
HHC				L	L	
comp-Z, 2.0m, 17.6s						
ZAK	Zakamensk	34.93	290	eP	eP	21 17 03.1 -1.8
ZAK				pmax	pmax	
comp-Z, 1.5nm, 1.0s						
HNS	HongShan	34.97	263	P	P	21 17 05.5 +0.4
HNS				pmax	pmax	
comp-Z, 2.6nm, 0.8s						
HNS				L	L	
comp-Z, 2.0m, 13.9s						
HNS				L	L	
comp-Z, 1.0m, 16.1s						
HNS				L	L	
comp-Z, 2.0m, 15.9s						
M31M	Drury Creek, Y	35.23	48	P	P	21 17 08.6 +1.3
M31M				IAMB	IAMB	21 17 18.4
comp-Z, 5.2nm, 0.8s						
WHY	Whitehorse	35.41	50	P	P	21 17 10.2 +1.3
WHY				IAMB	IAMB	21 17 25.8
comp-Z, 8.8nm, 0.9s						
SKAG	Skagway	35.54	52	P	P	21 17 10.5 +0.7
SKAG				IAMB	IAMB	21 17 22.3
comp-Z, 9.6nm, 0.8s						
MOY	Mondy	35.69	293	eP	eP	21 17 10.2 -1.2
NJ2	Nanjing	36.12	253	P	P	21 17 16.8 +1.8
NJ2				pmax	pmax	
comp-Z, 3.2nm, 0.5s						
NJ2				L	L	
comp-Z, 4.0m, 16.9s						
NJ2				L	L	
comp-Z, 3.0m, 11.6s						
NJ2				L	L	
comp-Z, 4.0m, 16.3s						
P33M	Teslin, Yukon	36.52	50	P	P	21 17 19.2 +0.9
MMPY	Sheldon Lake,	36.52	46	P	P	21 17 19.0 +0.7
MMPY				eP	eP	21 17 19.0 -0.8
NRIK	Noril'sk	36.72	325	LR	LR	21 33 42.7
comp-Z, 10nm, 0.6s, baz=94, slow=9.3, SNR=12						
NRIK				LR	LR	21 33 42.7
comp-Z, 3.0m, 21.6s, baz=76, slow=38						
NRIK	Noril'sk	36.72	325	P	P	21 17 18.3 -1.5
NRIK				pmax	pmax	
comp-Z, 1.2nm, 0.7s						
NRIK	Noril'sk	36.72	325	IAMB	IAMB	21 17 18.2 -1.5
NRIK				P	P	21 17 19.7
comp-Z, 1.4nm, 0.8s						
R33M	Jennings River	37.67	51	P	P	21 17 29.9 +1.8
R33M				IAMB	IAMB	21 17 46.1
comp-Z, 8.4nm, 0.8s						
WTLY	Watson Lake, Y	38.45	50	P	P	21 17 36.0 +1.5
WTLY				IAMB	IAMB	21 17 51.8
comp-Z, 7.5nm, 0.9s						
DLBC	Dease Lake	38.47	52	LR	LR	21 35 54.0
DLBC				LR	LR	21 35 54.0
comp-Z, 3.56nm, 18.1s, baz=284, slow=40						
T35M	Bob Quinn	38.92	55	P	P	21 17 40.9 +2.3
T35M				IAMB	IAMB	21 17 50.8
comp-Z, 9.7nm, 0.9s						
WHN	Wuhan	39.87	255	P		

4d 21h

Table with columns for station name, frequency, power, and coordinates. Includes stations like SVE Sverdlouvs, WVOR Wild Horse Val, SATY Saty, and AAK Ala-Archa.

2020 SEP

Table with columns for station name, frequency, power, and coordinates. Includes stations like AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, and AAK Ala-Archa.

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Table with columns for station name, frequency, power, and coordinates. Includes stations like PPNV comp=Z,3.4nm,0.8s, CLC China Lake, CLC China Lake, and CLC China Lake.

PV12	Saucer Basin,	61.36	64	P	P	21 20 29.3 +0.5
PV12	comp=Z,1.0nm,0.8s			Iamb	Iamb	21 20 41.1
PV05	Paradox Valley	61.37	64	Iamb	P	21 20 29.1 +0.2
PV05	comp=Z,8.8nm,0.7s					21 20 40.4
PV03	Paradox Valley	61.38	64	P	P	21 20 30.4 +1.4
PV03	comp=Z,6.5nm,0.9s			Iamb	Iamb	21 20 41.7
HNR	Honiara	61.39	180	LR	LR	21 43 51.8
PV13	Radium Mtn., P	61.46	64	P	P	21 20 30.2 +0.7
PV13	comp=Z,3.11nm,21.3s,baz=84,slo=33			Iamb	Iamb	21 20 42.8
BELG	Belogornyye	61.49	320	LR	LR	21 50 58.9
BELG	comp=Z,2.1um,18.0s,baz=323,slo=40					
BELG	Belogornyye	61.49	320	iP	P	21 20 28.7 -0.5
BELG	comp=Z,5.0nm,0.9s			pmax	pmax	
PV15	Paradox Valley	61.52	63	P	P	21 20 29.7 -0.3
PV15	comp=Z,1.1nm,1.0s			Iamb	Iamb	21 20 35.1
PV01	Paradox Valley	61.62	64	P	P	21 20 31.5 +0.9
ISOG	Isortoq, Green	61.65	9	iP	P	21 20 30.7 +0.7
ISOG	comp=Z,1.3nm,0.7s			Iamb	Iamb	21 20 31.7
WUAZ	Wupatki	61.92	68	P	P	21 20 34.2 +1.6
WUAZ	comp=Z,6.2nm,1.1s			Iamb	Iamb	21 20 45.2
ISCO	Idaho Springs	62.03	60	P	P	21 20 34.5 +1.0
ISCO	comp=Z,5.2nm,1.1s			P	P	21 20 34.5 +1.0
MVCO	Mesa Verde	62.32	64	Iamb	Iamb	21 20 36.1 +0.8
MVCO	comp=Z,5.5nm,0.9s			Iamb	Iamb	21 20 48.0
F33A	5 Mile Ranch,	62.35	50	P	P	21 20 35.0 -0.1
F33A	comp=Z,1.3nm,1.2s			Iamb	Iamb	21 20 38.4
MOS	Moscow	62.48	328	eP	pmax	21 20 35.0 -0.8
MOS	comp=Z,4.1nm,0.8s			pmax	pmax	
NIL	Nilore	62.55	290	P	P	21 20 36.8 +0.1
NIL	comp=Z,2.4nm,0.7s			P	P	21 20 36.6 -0.1
NIL	Nilore	62.55	290	P	P	21 20 35.3 -1.4
NIL	comp=Z,6.7nm,1.0s			P	P	21 20 36.5 -0.1
X16A	Lo Mia Camp, P	62.67	68	P	P	21 20 38.3 +0.7
ARBE	Arbavere	62.76	336	P	P	21 20 38.3 +0.8
S22A	4UR Ranch, Cre	62.85	63	P	P	21 20 39.6 +0.6
W18A	Petrified For	63.13	67	P	P	21 20 41.7 +1.0
W18A	comp=Z,4.7nm,0.8s			Iamb	Iamb	21 20 52.0
OBN	Obninsk	63.34	328	LR	LR	21 51 45.1
OBN	comp=Z,666nm,18.1s,baz=9,0,slo=39					
OBN	Obninsk	63.34	328	iP	P	21 20 40.2 -1.3
OBN	comp=Z,2.2nm,0.6s			eP	eP	21 20 55.0 -1.9
OBN	Obninsk	63.34	328	eP	eP	21 21 04.1 +5.1
OBN	Obninsk	63.34	328	eP	eP	21 21 17.0
OBN	Obninsk	63.34	328	eP	eP	21 23 00.6
OBN	Obninsk	63.34	328	eP	eP	21 24 30.1
OBN	Obninsk	63.34	328	eP	eP	21 29 08.7 -1.3
OBN	Obninsk	63.34	328	eP	eP	21 33 17.3 +1.2
OBN	comp=Z,2.8nm,0.9s			MLR	MLR	
OBN	Obninsk	63.34	328	P	P	21 20 40.7 -0.7
OBN	Obninsk	63.34	328	iP	P	21 20 41.4 -0.1
OBN	Obninsk	63.34	328	P	P	21 20 40.8 -0.7
OBN	comp=Z,3.2nm,0.8s			P	P	21 20 41.1 -0.4
BORG	Borgarnes	63.38	1	LR	LR	21 49 33.3
VSU	Vasula	63.42	355	iP	P	21 20 41.1 -0.8
VSU	comp=Z,3.2nm,0.6s			pmax	pmax	
VSU	Vasula	63.42	335	P	P	21 20 41.8 -0.1
MOL	Molde	63.57	346	eP	P	21 20 43.9 +1.1
ECSD	EROS Data Cent	63.76	52	P	P	21 20 45.4 +0.9
ECSD	comp=Z,6.3nm,1.1s			Iamb	Iamb	21 20 47.0
DOMB	Dombras	63.84	345	eP	P	21 20 45.1 +0.3
DOMB	comp=Z,2.5nm,0.8s			Iamb	Iamb	21 20 47.1
MTSE	Matsula	63.94	336	P	P	21 20 46.5 +1.2
MTSE	comp=Z,2.7nm,0.8s			P	P	
AKN	Aaknes	64.02	346	eP	Iamb	21 20 46.8 +0.9
AKN	comp=Z,3.9nm,0.7s			Iamb	Iamb	21 20 48.0 +0.9
NC303	NORSAR Array S	64.23	344	P	P	21 20 47.7 +0.4
NC405	NORSAR Array S	64.28	344	P	P	21 20 48.0 +0.4
NC204	NORSAR Array S	64.29	344	P	P	21 20 48.1 +0.3
KBL	Kabul	64.31	294	P	P	21 20 46.5 -2.0
KBL	SNR=6.6					
KBL	Kabul	64.31	294	P	P	21 20 46.1 -2.4
KBL	comp=Z,1.3nm,0.7s			pmax	pmax	
KBL	Kabul	64.31	294	P	P	21 20 46.1 -2.4
KBL	Kabul	64.31	294	P	P	21 20 46.6 -2.0
NB201	NORSAR Array S	64.41	344	P	P	21 20 48.4 -0.1
NB2	NORSAR Subarra	64.44	344	P	P	21 20 49.1 +0.4
NB2	comp=Z,3.2nm,0.6s,baz=23,slo=6.9					
NB2	NORSAR Subarra	64.44	344	P	P	21 20 51.5 +2.8
NB2	comp=Z,5.0nm,0.4s			pmax	pmax	
NB2	NORSAR Subarra	64.44	344	P	P	21 20 49.1 +0.4
NOA	NORSAR Array B	64.44	344	P	P	21 20 49.0 +0.4
NOA	comp=Z,8.3nm,0.6s,baz=22,slo=6.7,SNR=50					
NOA	comp=Z,4.48nm,18.3s,baz=15,slo=42			LR	LR	21 54 59.5
NB000	NORSAR Array S	64.52	344	P	P	21 20 49.0 -0.2
LPSR	Galich'ya Gora	64.59	325	eP	P	21 20 49.3 -0.4
LPSR	comp=Z,3.3nm,0.6s			pmax	pmax	
NC602	NORSAR Array S	64.67	344	eP	P	21 20 50.5 +0.4
NC602	NORSAR Array S	64.67	344	P	P	21 20 51.2 +1.0
NC602	comp=Z,8.4nm,0.8s			Iamb	Iamb	21 20 56.4
NORES	NORESS Array B	64.67	344	P	pmax	21 20 50.6 +0.5
NORES	comp=Z,1.0nm,0.3s			pmax	pmax	
IVI	Ivigtut	64.67	15	iP	P	21 20 51.6 +1.5
IVI	comp=Z,2.94nm,1.9s			Iamb	Iamb	21 20 54.3
NA001	NORSAR Array S	64.67	344	P	P	21 20 51.1 +0.9
VRH	Novokhoporsky	64.70	322	P	P	21 20 49.8 -0.7
VRH	comp=Z,1.4nm,0.4s,baz=7.4,slo=3.4,SNR=66			pmax	pmax	
HFS	Hagfors	64.84	342	P	P	21 20 51.4 +0.2
HFS	comp=Z,6.89nm,18.2s,baz=25,slo=41			LR	LR	21 54 21.9
I37A	Albuquerque	65.08	50	P	P	21 20 53.5 +0.4
ANMO	Lemond, Waseca	65.10	65	LR	LR	21 49 03.2
ANMO	comp=Z,1.09nm,18.9s,baz=336,slo=36					
ANMO	Albuquerque	65.10	65	iP	P	21 20 55.3 +1.7
ANMO	comp=Z,1.0nm,0.9s			pmax	pmax	
HYA	Hoyanger	65.11	347	eP	Iamb	21 20 53.8 +0.9
HYA	comp=Z,1.5nm,0.7s			Iamb	Iamb	21 20 55.2
NRS	Narsarsuaq	65.13	13	iP	P	21 20 55.9 +2.8
VORR	Voronezh	65.25	324	eP	P	21 20 55.1 +1.1
VORR	comp=Z,9.0nm,0.6s			pmax	pmax	
SKAR	Skarsaria	65.25	345	eP	P	21 20 55.1 +1.1
SBM	South Baldy	65.41	56	P	P	21 20 57.3 +1.4
SUE	Suten	65.41	347	eP	P	21 20 55.6 +0.7
VSR	Storozhevoje	65.64	324	eP	pmax	21 20 56.4 -0.2
VSR	comp=Z,1.6nm,0.9s			pmax	pmax	
VORD	Divnogorie	65.80	324	eP	pmax	21 20 54.3 -3.3
VORD	comp=Z,1.0nm,0.9s			pmax	pmax	
ASK	Askoy	65.90	347	eP	P	21 21 00.0 +2.0
BER	Bergen	65.98	347	eP	P	21 20 60.0 +1.4
KONO	Kongsberg	66.02	344	eP	P	21 21 00.3 +1.4

319A	Douglas	66.12	69	P	Iamb	21 21 00.6 +0.4
319A	comp=Z,5.1nm,0.9s			Iamb	Iamb	21 21 05.7
STRU	Stroemstad	66.33	343	iP	P	21 21 02.6 +1.8
SCHO	Schefferville	66.37	28	P	P	21 21 02.3 +1.0
SCHO	comp=Z,4.9nm,0.7s,baz=67,slo=11,SNR=3.6			LR	LR	21 54 32.8
SCHO	Schefferville	66.37	28	P	P	21 21 01.9 +0.7
SCHO	comp=Z,1.14nm,1.1s			Iamb	Iamb	21 21 11.4
MNK	Minsk	66.55	332	iP	P	21 21 03.0 +0.7
MNK	comp=E,18nm,0.9s			iP	P	21 21 03.1 +0.7
MNK	Minsk	66.55	332	iP	P	21 21 03.1 +0.7
MNK	comp=N,11nm,0.8s			iP	P	21 21 03.1 +0.7
MNK	comp=Z,54nm,1.3s,baz=30			iP	P	21 21 19.1 -0.9
MNK	Minsk	66.55	332	iP	P	21 21 25.8 -5.6
MNK	Minsk	66.55	332	iP	P	21 23 29.2 +0.6
MNK	Minsk	66.55	332	iP	P	21 25 04.2
MNK	Minsk	66.55	332	iP	P	21 25 51.1 +3.8
MNK	Minsk	66.55	332	iP	P	21 25 55.2 +5.2
MNK	Minsk	66.55	332	iP	P	21 34 05.5 -0.4
MNK	Minsk	66.55	332	iP	P	21 37 15.3
MNK	Minsk	66.55	332	iP	P	21 45 23.9
MNK	Minsk	66.55	332	iP	P	21 49 48.3
MNK	Minsk	66.55	332	iP	P	21 53 27.7
MNK	comp=N,709nm,17.3s			iLRM	MLR	21 54 05.0
MNK	comp=Z,1um,16.9s			iLRM	MLR	21 54 06.9
MNK	comp=E,1um,17.2s			iLRM	MLR	21 54 06.9
BLSS	Blasio	66.74	346	eP	Iamb	21 21 04.8 +1.3
BLSS	comp=Z,484nm,2.6s			Iamb	Iamb	21 21 13.4
PABE	Paberze	66.74	335	P	P	21 21 02.9 -0.6
PABE	comp=Z,64nm,1.4s			P	P	21 21 04.1 +0.5
PBA	Port Blair	67.16	259	P	P	21 21 09.1 +2.4
TJOU	Tjoern	67.19	343	iP	P	21 21 08.2 +1.8
HOMB	Homborsund	67.22	341	iP	P	21 21 12.9 +1.7
SMART	Smartemo	67.66	345	eP	P	21 21 11.9 -2.5
SMART	comp=Z,1.1nm,0.9s			P	P	21 21 12.0 +2.7
KHAM	Kharkiv	67.69	325	P	P	21 21 09.9 +0.2
ONAU	Onsala	67.73	342	iP	P	21 21 11.6 +1.8
FABU	Falkenberg	67.95	342	iP	P	21 21 12.1 +1.0
BLEKINGE	Blekinge	67.97	340	iP	P	21 21 12.9 +1.6
IPM	Ipon	68.01	248	Iamb	Iamb	21 21 12.4 +0.2
IPM	comp=Z,7.8nm,0.7s			Iamb	Iamb	21 21 27.5
HRA	Herat	68.19	298	P	P	21 21 12.3 -1.0
DEL	Delary	68.22	341	iP	P	21 21 14.7 +1.8
SUW	Suwali	68.28	334	P	P	21 21 12.4 -0.9
SUW	Suwali	68.28	334	P	P	21 21 14.4 -0.9
GD2L	Gudalup Moun	68.30	65	P	P	21 21 12.5 +0.6
VLDQ	Val d'Or	68.58	38			

VLAD	comp=Z,13nm,0.9s	76.91 329	↑P	P	21 22 05.5 +0.8
LESA	Schwarzleotat	76.96 338	↑P	P	21 22 06.2 +1.1
MDVR	Molded	77.03 331	↑P	P	21 22 05.6 +0.1
BFO	Black Forest	77.03 341	P	P	21 22 05.5 +0.1
BFO	comp=Z,7.0nm,1.0s			pmax	
BFO	Black Forest	77.03 341	P	I Amb	21 22 05.5 +0.1
BFO	comp=Z,7.5nm,1.0s			I Amb	21 22 09.3
BFO	Black Forest	77.03 341	eP	P	21 22 06.3 +0.9
SOKA	Soboth	77.10 336	↑P	P	21 22 07.0 +1.1
PUNG	Punginha	77.11 330	↑P	P	21 22 06.0 +0.2
PERS	Pernice	77.12 336	↑P	P	21 22 07.0 +1.1
KBA	Koelbreinsper	77.13 338	↑P	P	21 22 08.0 +1.8
KBA	Koelbreinsper	77.13 338	↑P	P	21 22 07.8 +1.6
KBA	Koelbreinsper	77.13 338	P	P	21 22 08.0 +1.8
BG3	Lake Jocassee	77.14 49	P	P	21 22 06.8 +0.6
BG3	comp=Z,5.0nm,0.6s			I Amb	21 22 09.4
CDP	Champ Du Feu	77.16 342	eP	P	21 22 06.8 +0.6
CDP	comp=Z,10.0nm,0.6s			pmax	
FRGS	Frusk Gora	77.23 333	↑P	P	21 22 06.6 0.0
BNN	Bunyan	77.27 319	P	I Amb	21 22 07.3 +0.3
BNN	comp=Z,1.1nm,0.9s			I Amb	21 22 08.1
UBR	Ueberruh	77.28 340	eP	P	21 22 07.9 +1.0
UBR	comp=Z,1.1nm,0.9s,slow=5.8			P	21 22 08.6 +1.7
UBR	Ueberruh	77.28 340	P	P	21 22 08.6 +1.7
WATA	Walderalm	77.29 339	↑P	P	21 22 08.2 +1.2
ZAVS	Zavodnje	77.33 336	↑P	P	21 22 07.8 +0.7
RETA	Reutte	77.33 339	eP	P	21 22 08.2 +1.0
RETA	comp=Z,8.5nm,1.0s			P	21 22 08.9 +1.5
WTTA	Wattenberg	77.35 339	↑P	P	21 22 09.0 +1.6
WTTA	comp=Z,14nm,0.9s,slow=5.8			P	21 22 09.0 +1.6
ECH	Echery	77.37 342	P	P	21 22 08.3 +1.0
ECH	Echery	77.37 342	P	I Amb	21 22 07.2 -0.1
ECH	comp=Z,9.7nm,0.9s			I Amb	21 22 09.3
ECH	Echery	77.37 342	P	P	21 22 08.3 +1.0
OBKA	Obir	77.38 337	↑P	P	21 22 08.5 +1.1
OBKA	comp=Z,8.8nm,0.7s,SNR=5.5			P	21 22 08.7 +1.3
OBKA	Obir	77.38 337	P	P	21 22 08.7 +1.3
PLVB	Pleven	77.39 329	↑P	P	21 22 08.2 +0.8
MOTA	Moosalm	77.39 339	↑P	P	21 22 08.6 +1.0
BR131	Keskin Array S	77.40 321	↑P	P	21 22 08.3 +0.6
BR131	Keskin Array S	77.40 321	↑P	P	21 22 07.9 +0.1
BR131	Keskin Array S	77.40 321	↑P	P	21 22 08.5 -0.2
BR131	comp=Z,7.3nm,0.8s			I Amb	21 22 11.4
BRTR	Keskin Array B	77.40 321	P	P	21 22 08.1 +0.3
BRTR	comp=Z,4.0nm,0.5s,baz=26,slow=3.2,SNR=30			PP	21 25 00.6 -1.3
BRTR	comp=Z,1.1nm,0.8s,baz=37,slow=6.1,SNR=4.4			LR	22 03 16.4
BRTR	comp=Z,4.34nm,18.0s,baz=34,slow=41			LR	
BRTR	Keskin Array B	77.40 321	P	P	21 22 07.0 -0.8
BRTR	Keskin Array B	77.40 321	P	P	21 22 07.0 -0.8
BR106	Keskin Array S	77.40 321	P	P	21 22 08.1 +0.3
BR106	comp=Z,6.3nm,comp=Z,5.7nm,1.2s			P	21 22 08.1 +0.3
BR104	Keskin Array S	77.41 321	P	P	21 22 08.1 +0.3
BR104	comp=Z,6.7nm,comp=Z,5.8nm,0.9s			P	21 22 08.1 +0.3
BR105	Keskin Array S	77.41 321	P	P	21 22 08.1 +0.3
BR105	comp=Z,8.7nm,comp=Z,9.5nm,0.7s			P	21 22 08.1 +0.3
MYKA	Terra Mystica	77.48 337	eP	P	21 22 07.8 -0.2
MYKA	comp=Z,2nm,1.0s			P	21 22 09.5 +1.4
SQTA	Sankt Quirin	77.48 339	↑P	P	21 22 09.5 +1.4
ACOM	Acomizza, Ital	77.59 337	P	P	21 22 09.9 +1.2
ABTA	Abtaltersbach	77.64 338	↑P	P	21 22 09.8 +0.9
ABTA	comp=Z,16nm,0.8s,SNR=1.4			P	21 22 09.8 +0.9
PRED	Cave del Predi	77.68 337	P	I Amb	21 22 09.9 -0.2
PRED	comp=Z,8.8nm,0.7s			I Amb	21 22 11.0
PRED	Cave del Predi	77.68 337	P	P	21 22 09.8 +0.7
PRED	comp=Z,13nm,0.8s			P	21 22 09.9 +0.8
GCIS	Gornji Cirknik	77.70 336	eP	P	21 22 10.4 +1.0
DAVA	Damuels	77.71 340	eP	P	21 22 11.1 +1.7
DAVA	comp=Z,12nm,1.0s			P	21 22 08.8 +0.5
HAU	Haudomppe	77.72 342	eP	P	21 22 08.8 +0.5
HAU	comp=Z,6.0nm,0.4s			pmax	
FETA	Feichten	77.78 339	↑P	P	21 22 11.1 +1.3
FETA	comp=Z,12nm,0.9s,SNR=8.3			P	21 22 10.3 +0.4
KIRS	Kirsehir-Merke	77.80 320	↑P	P	21 22 10.0 +0.2
HINF	Hinterfeld	77.81 342	eP	P	21 22 10.0 +0.2
HINF	comp=Z,4.0nm,0.8s			pmax	
LJU	Ljubljana	77.82 336	↑P	P	21 22 10.1 +0.3
TEKS	Tekeris	77.87 332	↑P	P	21 22 11.9 +1.5
TEKS	comp=Z,9.2nm,0.8s			P	21 22 11.9 +1.5
DRE	Drenchia	77.93 266	LR	LR	21 59 32.9
PALK	Pallekele	77.93 266	LR	LR	21 59 32.9
PALK	comp=Z,2.78nm,20.9s,baz=44,slow=38			LR	21 22 11.8 +0.9
PALK	Pallekele	77.93 266	P	P	21 22 11.4 +0.5
PALK	Pallekele	77.93 266	P	P	21 22 11.3 +0.4
SHME	Shamm	77.96 297	P	P	21 22 10.9 +0.4
SHME	SNR=7.3			P	21 22 10.5 -0.4
BANOM	Banah	77.97 297	P	P	21 22 11.2 +0.2
BANOM	SNR=6.9			P	21 22 10.9 -0.1
STAL	STALIGIAL	78.05 338	P	I Amb	21 22 10.9 -0.2
STAL	comp=Z,5.3nm,0.8s			I Amb	21 22 15.3
BOVS	Bovan	78.07 331	↑P	P	21 22 11.1 -0.2
FLN	La Foliniere	78.09 347	eP	P	21 22 11.5 +0.3
FLN	comp=Z,23nm,1.1s			pmax	
SABO	M.te Sabotino	78.10 337	P	I Amb	21 22 11.6 +0.2
SABO	comp=Z,8.1nm,1.1s			I Amb	21 22 17.6
GAZ	Gaziantep	78.13 317	P	P	21 22 12.1 +0.3
BOURR	Bourgnon	78.14 342	P	P	21 22 13.2 +1.6
ANDN	Andrin	78.15 318	P	P	21 22 13.0 +1.1
ANDN	comp=Z,7.8nm,0.9s			P	21 22 11.2 +0.2
DAVOX	Davos/Dischmat	78.19 340	LR	LR	22 02 05.2
DAVOX	comp=Z,5.2nm,18.5s,slow=40			LR	
LDF	La Druitiere	78.20 347	eP	P	21 22 15.9 +4.0
LDF	comp=Z,16nm,1.2s			pmax	
FUORN	Otenpass-Fuorn	78.26 339	P	P	21 22 14.4 +1.8
FUORN	comp=Z,12nm,0.9s			P	21 22 14.2 +0.9
BLY	Banja Luka	78.34 334	↑P	P	21 22 09.8 -2.9
BNALP	Bannalp	78.41 341	↑P	P	21 22 14.2 +0.9
MDH	Madha	78.47 296	P	P	21 22 14.0 +0.3
MASF	Masaf	78.48 296	P	P	21 22 14.3 +0.4
CTI	Castel Tesino	78.49 338	P	pmax	21 22 13.9 +0.2
CTI	comp=Z,9.0nm,0.6s			pmax	
CTI	Castel Tesino	78.49 338	P	I Amb	21 22 13.9 +0.2
CTI	comp=Z,9.2nm,0.6s			I Amb	21 22 28.3
MSFE	Esma-Masafi	78.49 296	↑P	P	21 22 13.8 -0.1
GRR	Gorron	78.50 347	eP	P	21 22 14.0 +0.5
GRR	comp=Z,4.1nm,1.3s			pmax	
BBLs	Lazi#2631	78.53 332	↑P	P	21 22 14.4 +0.5
TUE	Stuetta	78.60 340	P	P	21 22 14.8 +0.5
TUE	comp=Z,8.9nm,0.8s			P	21 22 15.0 +0.6
TUE	Stuetta	78.60 340	P	P	21 22 15.9 +1.5
TUE	comp=Z,22nm,0.8s			P	21 22 15.2 +0.8
CGRP	Cima Grappa	78.62 338	P	P	21 22 15.2 +0.8

WSAR	Wadi Sarin	78.78 293	P	P	21 22 16.1 +0.5
WSAR	comp=Z,16nm,0.8s			P	21 22 16.1 +0.5
UOSS	Minazif	78.80 296	P	P	21 22 15.3 -0.3
UOSS	SNR=5.5			P	21 22 14.2 -1.3
UOSS	Minazif	78.80 296	↑P	P	21 22 15.3 -0.3
UOSS	SNR=5.9			P	21 22 15.1 -0.5
SGMF	Saint Gilles	78.86 348	eP	pmax	21 22 16.0 +0.5
SGMF	comp=Z,18nm,0.7s			pmax	
ROSF	Rostreren	78.86 349	eP	pmax	21 22 16.2 +0.7
ROSF	comp=Z,24nm,1.1s			pmax	
LOR	Lormes	78.88 344	eP	pmax	21 22 16.2 +0.5
LOR	comp=Z,8.0nm,0.6s			pmax	
LOR	Lormes	78.88 344	P	P	21 22 16.7 +1.0
LOR	comp=Z,14nm,0.6s			P	21 22 16.6 +0.5
SJES	Sjenica	78.92 332	↑P	P	21 22 17.0 +0.7
HATD	Hatta, Dubai	78.93 296	P	P	21 22 16.2 -0.1
HATD	SNR=19			P	21 22 17.5 +1.2
AS06	Alice Springs	78.97 205	P	P	21 22 17.5 +1.2
AS06	comp=Z,7.9nm,0.7s			P	21 22 18.3 +1.9
AS16	Alice Springs	78.97 205	P	P	21 22 18.3 +1.9
AS16	comp=Z,8.7nm,0.7s			P	21 22 18.0 +1.7
AS15	Alice Springs	78.97 205	P	P	21 22 18.0 +1.7
AS15	comp=Z,8.5nm,0.7s			P	21 22 17.9 +1.6
AS17	Alice Springs	78.98 204	P	P	21 22 17.9 +1.6
AS17	comp=Z,8.8nm,0.7s			P	21 22 18.2 +1.8
AS14	Alice Springs	78.98 205	P	P	21 22 18.2 +1.8
AS14	comp=Z,7.7nm,0.7s			P	21 22 17.9 +1.5
AS01	Alice Springs	78.99 205	P	P	21 22 17.9 +1.5
AS01	comp=Z,9.1nm,0.8s			P	21 22 15.9 -0.6
AS31	Alice Springs	79.01 205	P	P	21 22 18.3 +1.8
ASAR	Alice Springs	79.01 205	P	P	21 22 18.3 +1.8
ASAR	comp=Z,4.8nm,0.6s,baz=17,slow=5.3,SNR=75			LR	21 55 41.9
ASAR	comp=Z,8.2nm,21.7s,baz=15,slow=34			LR	
ASAR	comp=Z,4.8nm,0.6s			P	21 22 16.2 -0.3
ASAR	Alice Springs	79.01 205	P	P	21 22 16.2 -0.3
ASAR	Alice Springs	79.01 205	P	P	21 22 16.0 +1.3
AS03	Alice Springs	79.01 205	P	P	21 22 18.0 +0.5
AS03	comp=Z,9.2nm,0.8s			P	21 22 18.5 +1.9
AS09	Alice Springs	79.03 205	P	P	21 22 18.5 +1.9
AS09	comp=Z,9.8nm,0.8s			P	21 22 16.4 -0.6
NAZ	Nazwa, Dubai	79.06 297	↑P	P	21 22 16.4 -0.6
NAZ	comp=Z,236nm,18.9s,baz=338,slow=31			P	21 22 18.0 +0.8
ASHO	Ashiyah	79.08 296	↑P	P	21 22 17.1 -0.1
ASHO	SNR=6.3			P	21 22 17.0 +0.8
ASHO	Ashiyah	79.08 296	↑P	P	21 22 17.1 -0.1
ASHO	SNR=11.2			P	21 22 17.9 +0.7
WBK	Wadi Bani Khal	79.09 293	P	P	21 22 18.0 +1.0
CABF	La Chapelle	79.11 342	eP	pmax	21 22 18.0 +1.0
CABF	comp=Z,12nm,1.0s			pmax	
SENI	Lac Senin/Sane	79.12 341	P	I Amb	21 22 18.2 +1.0
SENI	comp=Z,5.2nm,0.9s			I Amb	21 22 22.1
TEOL	Teolo	79.14 338	P	P	21 22 17.4 +0.3
ALN	Alexandroupoli	79.14 326	P	pmax	21 22 17.4 +0.3
ALN	comp=Z,16nm,0.9s			pmax	
ALN	Alexandroupoli	79.14 326	P	I Amb	21 22 17.4 +0.3
ALN	comp=Z,16nm,0.9s			I Amb	21 22 18.6
ALN	Jalan Bani Buh	79.20 292	P	P	21 22 18.5 +0.7
ALN	SNR=3.4			P	21 22 18.0 -0.1
SOHO	SOHO	79.25 295	↑P	P	21 22 18.0 -0.1
SOHO	SNR=3.4			P	21 22 18.5 +0.7
HOQ	Hoqain	79.26 295	P	P	21 22 18.0 -0.1
HOQ	comp=Z,17nm,0.8s			P	21 22 18.1 0.0
PEHC	Pehevo	79.38 329	↑P	P	21 22 20.8 +2.2
PEHC	SNR=2.2			P	21 22 19.3 +0.7
AVF	Avril sur Loir	79.42 344	eP	pmax	21 22 20.8 +2.2
AVF	comp=Z,17nm,0.8s			pmax	
BALB	Balbi	79.62 325	P	P	21 22 20.1 +0.3
BRY	Bratogost	79.67 332	eP	P	21 22 18.8 -1.4
ALNE	Al Ain	79.75 296	P	P	21 22 20.9 +0.1
ALNE	SNR=9.1			P	21 22 20.6 -0.2
ALNE	Al Ain	79.75 296	↑P	P	21 22 20.6 -0.2
ALNE	SNR=12			P	21 22 21.4 +0.8
SRS	Serrai	79.76 328	P	P	21 22 21.4 +0.8
SRS	Serrai	79.76 328	P	P	21 22 21.4 +0.8
JMDO	Jabal Madar	79.77 293	P	P	21 22 21.2 +0.4
JMDO	SNR=1.2				

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Y, X, Z, and other parameters. Includes stations like URZ Urewera, MDT Midelt, PZO Porto Moniz, etc.

CRSC 04 21:14:22.4+1.8, 52.08N:160.43E, h18km, 25km, M15.2
BUJ 04 21:14:23.4, 52.58N:160.15E, h34km, mB4.9/5, mB4.7/39,
M5.5/2/1, M5.7 5.1/11
MOS 04 21:14:25.6+1.0, 52.10N:160.25E, h49km, mB4.8/45, Error
ellipse: s-maj=1.3km, s-min=1.1km, az=99.7
IDC 04 21:14:26.9+2.9, 52.36N:159.94E, h33km, mB4.2/32,
s-min=4.4/34, M15.0/2, Error ellipse: s-maj=17.2km
mB4.7/91, Error ellipse: s-maj=10.7km s-min=9.3km
az=198.0
GFZ 04 21:14:28.0+0.5, 52.15N:160.12E, h38km, M4.9/32,
mB4.9/32
ISC 04 21:14:27.4+0.7, 52.21N:160.04E, h49km, 5km,
n484, s1944/510, mB4.7/150, M5.0/6, 17C-16D, Off east
coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Y, X, Z, and other parameters. Lists stations from SPN Mys Shipunski to BZP Bezymyanni-Pe.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Y, X, Z, and other parameters. Lists stations from BZMR Bezymyannaya to KRSR Korea Array.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Y, X, Z, and other parameters. Lists stations from KSAR Wonju Array Be to FCC Fort Churchill.

Table with columns for station name, coordinates, elevation, and various signal quality metrics. Includes stations like ARCES ARCESS Array B, ARTI Arti, TARG Taragay, Kyrgy, etc.

Table with columns for station name, coordinates, elevation, and various signal quality metrics. Includes stations like OBN Obninsk, MOL Molde, DOMB Dombas, KBL Kabul, etc.

Table with columns for station name, coordinates, elevation, and various signal quality metrics. Includes stations like BURAR Bucovina Array, BRG Biogvishubel, MORC Moravsky Berou, etc.

4d 21h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Stuetta, Minazif, Alice Springs, etc.

IDC 04 21:18:55.1, 3.4, 9.99S:161.29E, h0km, mb3.7/4, mbtmp3.7/4, Error ellipse: s-maj=110.9km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Honiara, Warramunga, etc.

UPA 04 21:24:53.9, 1.1, 8.34N:82.93W, h10km, 2km, MW3.7, Presumed earthquake

UCR 04 21:24:53.9, 1.1, 8.32N:82.97W, h6km, 3km, MW3.9, Presumed earthquake

CATAC 04 21:24:55.0, 5.3, 1.3N:3.8W, h7km, 1km, M3.4/8, MLV3.4/8, Error ellipse: s-maj=6.9km s-min=4.0km

ISC 04 21:24:53.1, 0.8, 31N:0.03, 82.99W, 0.02, h18km, 2km, n62, e067/83, 4C-21D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PTPM, PTPA, LMNES, etc.

2020 SEP

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAJE, CN12, KKNUTU, etc.

UCR 04 21:31:38.3, 0.5, 8.30N:82.96W, h8km, 2km, MW3.5, Presumed earthquake

UPA 04 21:31:38.5, 1.1, 8.34N:82.93W, h8km, 6km, MW3.6, Presumed earthquake

ISC 04 21:31:38.2, 1.0, 8.30N:0.03, 82.95W, 0.03, h15km, 6km, n32, e062/42, 3C-5D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PTPM, PTPA, NELY, etc.

JMA 04 21:43:55.7, 0.4, 25N:123.5E, 0.5, h20km, MV1.4/6, NW OFF ISHIGAKIJIMA IS, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IRIF, JYNG, JIJ, etc.

TAP 04 21:44:24.8, 24.41N:121.92E, h17km, ML1.8, B, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EWUT, EAHA, EOS2, etc.

KRSC 04 21:50:15.5, 1.4, 52.12N:160.45E, h31km, 22km, M4.6, MOS 04 21:50:18.0, 1.0, 52.15N:160.31E, h46km, mb4.5/7, Error ellipse: s-maj=9.2km s-min=4.2km az=105.3

IDC 04 21:50:19.2, 3.5, 52.36N:160.02E, h35km, 23km, mb3.8/22, mbtmp4.0/24, ML4.5/2, MS3.5/1, Error ellipse: s-maj=23.1km s-min=16.8km az=126.0

NEIC 04 21:50:20.2, 1.9, 52.5N:0.1, 159.9E:0.1, h35km, 2km, mb4.4/18, Error ellipse: s-maj=18.0km s-min=12.3km az=197.0

ISC 04 21:50:20.6, 1.0, 52.25N:0.03, 160.22E:0.04, h52km, 9km, n143, e1948/158, mb4.2/33, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SPN, SPN, SPN, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NLC, NLC, NLC, etc.

SMAR Somma, SMAR Somma, GRG Gorelyy, etc.

GRG Gorelyy, AVH Avacha, AVH Avacha, KREK Koryakskii, etc.

KREK Koryakskii, KRTR Khodutka, Kamc, KRTR Khodutka, Kamc, etc.

KRMR Karymsinskiy, KRMR Karymsinskiy, KRMR Karymsinskiy, etc.

KOK Koryak, KOK Koryak, ASAK Asacha, ASAK Asacha, etc.

ASAK Asacha, ASAK Asacha, KRX Arik, KRX Arik, etc.

PEA0B Petropavlovsk-P, PEA0B Petropavlovsk-P, PETK Petropavlovsk-P, etc.

PETK Petropavlovsk-P, PETK Petropavlovsk-P, etc.

PETK Petropavlovsk-P, KIL Karymskiy, KIL Karymskiy, etc.

KIL Karymskiy, APC Apache, APC Apache, GNL Ganaly, etc.

GNL Ganaly, GNL Ganaly, MIPR Malaya Ipe'ka, MIPR Malaya Ipe'ka, etc.

MIPR Malaya Ipe'ka, MKZ Mys Kozlova, MKZ Mys Kozlova, etc.

MKZ Mys Kozlova, SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

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SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H1S3 WAKE ISLAND, H1S2 WAKE ISLAND, SONM Songino Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PDGK, UZB Uzynbulak, UZB Uzynbulak, etc.

NNC 04 22:14:53.1±3.8, 36.91N; 70.72E, h0km, mb3.9, mpv3.7, Error ellipse: s-maj=30.0km s-min=24.3km az=0.0

ISC 04 22:14:52.0±3.4, 36.66N; 70.72E, h10km, n16, s160/16, 3C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like EKS2 Erkin-Say, KK31 Karatay Array, AAK Ala-Archa, etc.

IDC 04 22:21:29.9±3.2, 32.72S; 178.27W, h0km, mb3.5/2, mbmt3.5/3, ML3.3/1, Error ellipse: s-maj=74.8km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ Urewera, URZ Urewera, ASAR Alice Springs, etc.

IDC 04 22:26:58.5±1.4, 34.76N; 25.14E, h0km, mb3.8/7, mbmt3.8/9, ML3.1/3, Error ellipse: s-maj=28.5km

ISK 04 22:27:01.9, 34.87N; 25.29E, h8km, ML3.0/19, ATH 04 22:27:01.9, 34.76N; 25.26E, h10km, 2km, ML3.3/10, Latitude uncertainty: 1 km; Longitude uncertainty: 2 km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NPS Neapolis, IACM Heraklion, SIVA Sivas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like VAM Vamos, GVD Gavdos, GVD Gavdos, etc.

Table with columns: Station Name, Azimuth, Distance, Magnitude, Time, Residual. Includes stations like Spitsbergen Ar, KURK, ARSBERG, CONRAD OBSERVA, ROSALIA, AUSTRIA, WINA, etc.

UCR 04 23:29:51.5±0.5, 8°25'N-83°01'W, h14km±6km, MW4.0, Presumed earthquake

UPA 04 23:29:52.0±1.2, 8°31'N-82°94'W, h6km±3km, MW3.8, Presumed earthquake

ISC 04 23:29:51.8±0.9, 8°30'N-0°03'-82°97'W, h13km±7km, n35, ±0°72'50, 3C-3D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Distance, Magnitude, Time, Residual. Includes stations like PTPM, PTPA, LIMON, FITO, PIRO, etc.

VIE 04 23:38:58.2±0.3, 47°56'N-15°64'E, h13km±3km, ml1.0, 4, Error ellipse: s-maj=1.7km s-min=1.0km az=137.0 6 km E of Krieglach, Austria

Table with columns: Code, Station Name, Azimuth, Distance, Magnitude, Time, Residual. Includes stations like ARSBERG, CONRAD OBSERVA, ROSALIA, AUSTRIA, WINA, etc.

VIE 04 23:39:02.0±0.3, 47°55'N-15°65'E, h11km±3km, mb0.5/2, ml1.0, 4, Error ellipse: s-maj=1.8km s-min=1.1km az=139.0 6 km E of Krieglach, Austria

Table with columns: Code, Station Name, Azimuth, Distance, Magnitude, Time, Residual. Includes stations like ARSBERG, CONRAD OBSERVA, ROSALIA, AUSTRIA, WINA, etc.

SDD 04 23:47:00.6±3.9, 19°75'N-71°12'W, h20km±10km, MD3.3, ML2.3, MW3.2, Presumed earthquake

OSPL 04 23:47:04.8±1.5, 19°76'N-71°26'W, h3km±5km, ML1.9, Presumed earthquake

ISC 04 23:47:03.4±0.9, 19°77'N-0°03'-71°18'W, h14km±6km, n15, ±0°67'25, 15C, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Distance, Magnitude, Time, Residual. Includes stations like LOPPI, LUDEP, MCDR, SC01, SODR, REDR, SDDR, ABDR, JIDR, LOUJI, BANI, GRTK, etc.

SOME 04 23:48:34.1, 41°82'N-83°45'E, h5km, NNC 04 23:48:34.8±1.3, 44°95'N-83°15'E, h0km, mb3.2, mpv2.9, 1C-1D, Error ellipse: s-maj=52.4km s-min=9.4km az=147.0, Northern Xinjiang

PDGK Podgornoye 1.7m, 0.9s, 3.21 237 Pg Pn 23 49 24.7 -0.3

Table with columns: Code, Station Name, Azimuth, Distance, Magnitude, Time, Residual. Includes stations like SHLS, UZB, SATY, etc.

SDD 04 23:54:31.2±5.5, 19°74'N-71°10'W, h20km±12km, MD3.5, ML3.3, MW3.2, Presumed earthquake

SSNC 04 23:54:34.3±1.9, 19°77'N-71°15'W, h0km±12km, MD3.4, ML3.0, Presumed earthquake

OSPL 04 23:54:35.4±2.2, 19°77'N-71°21'W, h7km±6km, ML3.1, Presumed earthquake

ISC 04 23:54:33.3±0.9, 19°79'N-0°02'-71°16'W, h18km±3km, n30, ±0°98'48, 24C, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Distance, Magnitude, Time, Residual. Includes stations like LOPPI, LUDEP, MCDR, SC01, SODR, LODA, etc.

Table with columns: Code, Station Name, Azimuth, Distance, Magnitude, Time, Residual. Includes stations like ABDR, NADR, NEDR, JIDR, LOUJI, BANI, GRTK, SMDR, LOBH, HIDR, PCDR, PCDR, MASC, QMBU, etc.

RSNC 04 23:56:08.9±0.5, 8°N-5°8'3W, h0km, ML3.1, MLv4.0, Presumed earthquake

UPA 04 23:56:11.3±1.2, 8°35'N-82°94'W, h5km±2km, MW4.4, Presumed earthquake

CATAC 04 23:56:12.3±0.5, 8°N-3°8'3W, h5km, 1km, M3.8/6, MLv3.8/6, Error ellipse: s-maj=7.5km s-min=3.7km az=176.1, confirmed

ISC 04 23:56:11.6±0.8, 8°33'N-0°02'-82°96'W, h12km±5km, n77, ±1°00'11, mb4.0/3, 2C-9D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Distance, Magnitude, Time, Residual. Includes stations like PTPM, PTPA, LIMON, FITO, PIRO, etc.

Table with columns: TOKA, Tokat, 75.71 296, P, P, 00 33 06.7 -0.4, 00 33 08.9, Iamb, Iamb, COCO West Island, 84.06 242, P, P, 00 33 54.0 +1.8, 00 33 57.1 -0.6, HRFI Mount Hauri, 85.12 315, P, P, 00 33 54.0 +1.8, 00 33 57.1 -0.6, STKA Stephens Creek, 85.33 196, LR, LR, 01 10 26.6, EIL Elat, 85.47 315, LR, LR, 01 19 52.7, EIL Elat, 85.47 315, P, P, 00 33 59.7 +0.3, RAYN Ar Rayn, 85.61 303, P, P, 00 33 59.0 -1.2, RAYN Ar Rayn, 85.61 303, Iamb, Iamb, 00 34 00.3, RAYN Ar Rayn, 85.61 303, P, P, 00 33 60.0 -0.3, WHFO Wadi Hawf, 85.70 294, P, P, 00 33 59.5 -1.3, RAFF Raffo Rosso, 86.08 333, P, P, 00 34 02.3 +0.1, ESDC Sonseca Array, 87.44 348, P, P, 00 34 09.3 +0.4, ESDC Sonseca Array, 87.44 348, Iamb, Iamb, 00 34 08.1 -0.8, ESDC Sonseca Array, 87.44 348, Iamb, Iamb, 00 34 10.5, KEST Kesra, 88.79 337, P, P, 00 34 17.1 +1.6, KEST Kesra, 88.79 337, P, P, 00 34 17.4 +1.9, KEST Kesra, 88.79 337, Iamb, Iamb, 00 34 27.2, CHIV Chivirico, 92.87 52, P, P, 00 34 33.8 -0.7, NMDO Nuevo Mundo, 93.05 50, P, P, 00 34 36.7 +1.4, ATD Arta Tunnel, 96.95 299, LR, LR, 01 24 35.9, IDG 05:00:27:54.2; 5.2; 7.1; 39Nk; 160.44E, h0km, mb3.6/3, mb1mp3.6/4, ML2.9/1, Error ellipse: s-maj=94.1km s-min=35.2km az=46.0, KRSC 05:00:28:01.5; 1.2; 52.1; 20Nk; 160.48E, h16km; 20km, M1.4, ISC 05:00:28:00.2; 2.1; 52.02N; 0.09az; 160.45E; 0.07, h14km; 12km, mb5, c19/33, mb3.7/3, Off east coast of Kamchatka

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, SPN Mys Shipunski, 1.11 347, Op, ISC, 00 28 21.4 0.0, RUS Ruskaya, 1.26 290, eS, S, 00 28 24.4 -1.3, GML Galumal, 1.28 108, eS, S, 00 28 29.8 -0.2, NLC Nalutchevo, 1.34 330, eS, S, 00 28 24.8 +0.3, NLC Dalny, 1.45 315, eS, S, 00 28 21.9 -0.2, DALK Dalny, 1.45 315, eS, S, 00 28 26.6 +0.5, DALK Mutnovka, 1.47 289, eS, S, 00 28 24.0 -0.9, MTRV MTRV, 1.63 301, eS, S, 00 28 16.4 +0.8, KDTR Khodutka, Kamc, 1.49 263, eP, Pg, 00 28 28.6 -0.2, INSR Inshir, 1.54 314, eP, P, 00 28 28.0 +0.7, INSR Uglovaya, 1.55 321, eS, S, 00 28 28.6 -0.8, UGLR UGLR, 1.55 321, eS, S, 00 28 28.8 +1.2, UGLR GRL, 1.56 291, eP, Pg, 00 28 29.8 -0.3, SDR Sedlovino, 1.58 324, eP, Pg, 00 28 29.0 +1.0, SMAR Somma, 1.60 322, eP, Pg, 00 28 29.2 +0.9, ASAK Asacha, 1.61 284, eP, Pg, 00 28 30.5 -0.7, AVH Avacha, 1.63 321, eP, Pg, 00 28 30.1 +1.5, KRMR Karmyshinskiy, 1.64 301, eS, S, 00 28 49.8 +0.2, KRMR KRER, 1.66 322, eP, P, 00 28 30.4 +1.3, KOK Koryak, 1.69 320, eP, P, 00 28 30.8 +1.3, KRK KRK, 1.74 321, eP, P, 00 28 31.1 +0.9, PETK Petropavlovsk, 2.01 304, Pn, Pn, 00 28 35.2 +1.5, PETK 21nm, 0.3s, baz=208, slow=22, SNR=9.6, 28nm, 0.5s, PETK Karymskiy, 2.11 344, eP, AML, 00 28 36.8 +1.5, APC Apacha, 2.21 296, eP, S, 00 28 38.7 -1.2, APC GNL, 2.27 319, eP, S, 00 28 39.8 +1.9, MRP Malaya Ipe'l'ka, 2.29 278, eP, S, 00 28 19.5 +0.1, MKZ Mys Kozlova, 2.66 16, eP, P, 00 28 42.7 +0.1, BZGR Bezymyanni-Gr, 3.94 2, eP, P, 00 29 04.4 +4.1, BZWR Bezymyanni-Gr, 3.96 0, eP, P, 00 29 04.3 +3.7, KURBB Kurchatov Ar, 48.60 303, eP, P, 00 36 41.1 -1.9, MKAR Makanchi Array, 48.83 297, P, P, 00 36 43.4 -1.4, FINES FINES Array B, 61.20 337, P, P, 00 38 14.0 0.0, CATAC 05:00:35:36.7; 0.5; 11°N; 2.1°E; 8°7'W; h12km; 3km, M3.3/24, MLV3.3/24, Error ellipse: s-maj=5.9km s-min=3.2km az=49.1, confirmed, UCR 05:00:35:36.7; 1.2; 11°21'N; 86°84'W, h17km; 22km, MW3.8, Presumed earthquake, ISC 05:00:35:35.6; 1.9; 11°23'N; 0.05; 86.81°W; 0.07, h16km; 10km, n33, c051/46, Near coast of Nicaragua

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, PTPM Petroterminale, 0.13 151, Op, ISC, 00 39 55.8 0.0, PTPM Petro Terminal, 0.14 149, eP, S, 00 39 58.8 +0.1, LIMO3 Limones, 0.23 160, eP, S, 00 39 57.3 -0.1, LIMO3 Limones, 0.23 160, eP, S, 00 40 02.5 +1.2, LMN3 Limones, 0.23 159, eP, S, 00 39 57.1 +0.1, LMN3 Ciudad Neily, 0.33 359, eP, S, 00 39 59.0 +0.4, FITO Goffito, 0.37 326, eP, S, 00 40 05.0 +0.7, FITO PIRO, 0.40 282, eP, S, 00 39 59.5 -0.3, PIRO Carate, Puerto, 0.40 282, eP, S, 00 39 59.5 -0.3, PIRO Carate, Puerto, 0.40 282, eP, S, 00 39 59.5 -0.3, MLIR3 Monte Lirio, C, 0.49 14, eP, S, 00 40 07.2 +0.9, MLIR3 MLIR3, 0.49 14, eP, S, 00 40 09.7 +0.8, DVD David, 0.50 76, eP, S, 00 40 02.1 0.0, DVD DVD, 0.50 76, eP, S, 00 40 01.7 +1.5, CLLRA Cordillera, 0.53 37, eP, S, 00 40 03.1 +0.3, BRUZ Volcan, 0.53 28, eP, S, 00 40 03.1 +0.3, BRUZ Volcan, 0.53 28, eP, S, 00 40 03.2 +0.4, BRUZ BRUZ, 0.53 28, eP, S, 00 40 03.2 +0.4, BRUZ BRUZ, 0.53 28, eP, S, 00 40 03.2 +0.4, SCLRA Santa Clara, W, 0.54 17, eP, S, 00 40 03.3 +0.5, LOMA3 Las Lomas, Chi, 0.56 78, eP, S, 00 40 02.7 -0.1, LOMA3 LOMA3, 0.56 78, eP, S, 00 40 02.9 +0.8, PTRAR3 Potrerillos Ar, 0.58 50, eP, S, 00 40 03.8 +0.3, PTRAR3 PTRAR3, 0.58 50, eP, S, 00 40 12.4 +0.9, CHIR3 Chiriqui UPA, 0.61 83, eP, S, 00 40 03.8 0.0, CHIR3 CHIR3, 0.61 83, eP, S, 00 40 12.6 +0.2, BOTLY Boquete Panama, 0.65 47, eP, S, 00 40 04.8 +0.1, BQSF4 Alto Boquete, 0.66 50, eP, S, 00 40 04.9 +0.1, BQSF4 BQSF4, 0.66 50, eP, S, 00 40 14.7 +0.9, LNBO3 Los Naranjos, 0.68 46, eP, S, 00 40 05.1 -0.1, LNBO3 LNBO3, 0.68 46, eP, S, 00 40 04.5 +0.2, RBALA Bur, 0.96 54, eP, S, 00 40 09.7 -0.3, RBALA Bur, 0.96 54, eP, S, 00 40 09.5 -0.5, CHGR2 Aguacate, 1.00 52, eP, S, 00 40 10.2 -0.5, CHGR2 CHGR2, 1.00 52, eP, S, 00 40 23.7 +0.1, SAJE San Jermin, 1.17 331, eP, Pn, 00 40 12.7 -0.7, CN12 El Empalme, Bo, 1.19 23, eP, Pn, 00 40 12.5 -1.2, KNKTU Kakin, 1.24 65, eP, Pn, 00 40 13.3 -1.0, PIEC Cerro El Cedra, 1.64 330, eP, Pn, 00 40 20.9 +0.8, GMAL Guarmal, Vera, 1.78 108, eP, Pn, 00 40 20.6 -1.2, GMAL GMAL, 1.78 108, eP, Pn, 00 40 23.8 -0.3, ABRB Las Abras (San, 1.84 336, eP, S, 00 40 43.5 -0.7, VBV1 V. Barva, 2.12 327, eP, Pn, 00 40 28.4 +1.6, AZU Azuero, 2.65 101, eP, Pn, 00 40 34.8 +0.4, JTS Las Juntas de, 2.79 315, eP, S, 00 40 35.3 -0.5, JTS JTS, 2.79 315, eP, S, 00 41 08.4 -0.7, BGR 05:00:57:38.8, 10.73N; 62.94W, h33km, mb4.5, INMG 05:00:57:40.0; 3.5; 10.56N; 62.02W, h10km, mb5.0, MW5.0, #DIST RANGE: DISTANT, VAO 05:00:57:41.4; 0.2; 10.23N; 61.97W, h12km; 1km, mb4.9, Presumed earthquake, NEIC 05:00:57:43.7; 1.9; 10.66N; 0.05; 62.15W; 0.07, h50km; 4km, mb4.9/73, Mw4.7, 7.7, Error ellipse: s-maj=9.9km s-min=7.7km az=101.0, Moment Tensor Solution, Moment tensor: Scale 10^16Nm; Mr=-1.39; Mw=0.50; M0=0.89; M0=0.16; M0=0.52; M0=0.84; Fault plane solution: λ=71.58000°×10^16 NP1:φ=43.95000°, δ=30.41000°, λ=71.77000°. NP2:φ=203.06000°, δ=61.26000°, λ=100.40000°. Principal axes: T 1.4715, P1g16.0000°, Azm301.0000°, N 0.1952, P1g9.0000°, Azm208.0000°; P -1.6667, P1g72.0000°, Azm89.0000°, IDC 05:00:57:45.1; 1.1; 10.85N; 62.25W, h62km; 9km, mb4.4/28, mbmp4.7/31, MS3.3/4, Error ellipse: s-maj=10.5km s-min=7.3km az=111.0, TRN 05:00:57:45.8; 10.70N; 61.99W, h47km, MD5.4, Paria peninsula. Felt widely in Trinidad, MMI IV, V, VI, CATAC 05:00:57:45.7; 0.3; 11°N; 2.6°W; h70km; 14km, M5.1/13, mb5.4/13, mb5.3/13, MLV5.6/6, Mw(mB)4.8/13, Mw(mwp)4.3/1, Mw(p)4.7/1, Error ellipse: s-maj=7.4km s-min=3.9km az=116.0, Moment Tensor Solution, Moment tensor: Scale 10^16Nm; Mr=0.82; Mw=1.53; M0=0.70; M0=0.05; M0=0.50; M0=0.60; Fault plane solution: λ=141.20703°. NP2:φ=293.39292°, δ=56.02946°, λ=33.02767°. Principal axes: T 1.6450, P1g4.3338°, Azm116.9128°, N -0.2476, P1g44.0482°, Azm72.7089°; P -1.3974, P1g46.6245°, Azm261.3550°, confirmed, FUNV 05:00:57:45.2; 10.89N; 62.13W, h4km, MW4.7, Presumed earthquake, GCMT 05:00:57:46.7; 4.0; 10.67N; 0.02; 61.92W; 0.03, h42km; 3km, MW4.7/71, Moment Tensor Solution. s; c78; s71; c92; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=0.27; 1.4; M0=1.02; 0.9; M0=1.29; 0.9; M0=0.93; 0.8; M0=0.23; 0.7; M0=0.62; 0.8; Best double couple: M0:1.638000; 10^16 Nm; 0.144; 0.0000°; 847.00000°; λ: 0.00000°. NP2: φ=48.00000°; δ: 853.00000°; λ: 136.00000°. Principal axes: T 1.6530, P1g35.0000°, Azm356.0000°, N -0.0289, P1g46.0000°, Azm220.0000°; P -1.6230, P1g23.0000°, Azm104.0000°. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function, NEIC 05:00:57:46.2; 10.73N; 62.18W, h65km, GFZ 05:00:57:46.4; 0.1; 11°N; 2.6°W; h70km, M5.4/70, mb4.9/70, Mw4.7/21, ISC 05:00:57:43.7; 0.5; 10.64N; 0.03; 62.14W; 0.03, h55km; 4km, n1162, c1936/1221, mb4.9/440, MS3.5/32, 14C-14D, Near coast of Venezuela

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like Hartselle, Patos De Minas, Mont Cheateau, etc.

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like Mont Tremblant, Van Buren, Villa Florida, etc.

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like Zonda, Post, Stewart Farms, etc.

LPID	La Paz	47.65 293	LR	LR	01 27 06.2
319A	Douglas	48.17 303	P	P	01 06 18.5 -0.3
ISCO	Idaho Springs	48.20 315	P	I	01 06 18.2 -1.0
ISCO	Idaho Springs	48.20 315	P	I	01 06 18.7 -0.5
S22A	4UR Ranch, Cre	48.26 312	P	I	01 06 19.2 -0.5
S22A	4UR Ranch, Cre	48.26 312	P	I	01 06 20.3
ULM	Lac du Bonnet	48.28 331	P	P	01 06 17.4 -2.0
ULM	Lac du Bonnet	48.28 331	P	P	01 07 44.4 -1.1
ULM	Lac du Bonnet	48.28 331	P	I	01 06 17.3 -2.0
ULM	Lac du Bonnet	48.28 331	P	I	01 06 18.1
ULM	Lac du Bonnet	48.28 331	P	P	01 07 44.8 -0.7
DUN6	Lazy B Ranch	48.32 304	P	P	01 06 19.9 -0.1
E25A	Huff	48.46 325	P	P	01 06 20.1 -0.7
RSSD	Black Hills	49.14 321	P	P	01 06 25.2 -1.1
RSSD	Black Hills	49.14 321	P	P	01 06 24.7 -1.5
MVCO	Mesa Verde	49.30 310	P	P	01 06 27.0 -0.6
MVCO	Mesa Verde	49.30 310	P	I	01 06 28.0
MVCO	Mesa Verde	49.30 310	P	P	01 06 27.7 +0.1
X18A	Snowflake	49.57 307	P	I	01 06 29.6 0.0
X18A	Snowflake	49.57 307	P	I	01 06 31.4
TUC	Tucson	49.64 303	P	P	01 06 29.9 -0.2
TUC	Tucson	49.64 303	P	P	01 06 30.2 +0.1
HAYD	Hayden	49.65 315	P	P	01 06 30.0 -0.2
PV01	Paradox Valley	49.68 311	P	P	01 06 30.2 -0.3
PV15	Paradox Valley	49.69 312	P	P	01 06 30.5 0.0
PV02	Paradox Valley	49.83 311	P	P	01 06 31.7 +0.1
PV07	Paradox Valley	49.84 312	P	P	01 06 31.6 -0.1
SRIG	Santa Rosalia	49.85 297	P	I	01 06 31.4 -0.3
SRIG	Santa Rosalia	49.85 297	P	I	01 06 31.9
PV13	Radium Mtn., P	49.87 311	P	P	01 06 31.1 -0.8
PV12	Saucer Basin,	49.91 312	P	P	01 06 32.1 -0.1
PV03	Paradox Valley	49.93 312	P	P	01 06 32.1 -0.2
PV11	David Mesa, Pa	49.96 312	P	P	01 06 32.5 -0.1
PV18	Skein Mesa, Pa	49.97 311	P	P	01 06 32.4 -0.2
PV22	Blue Mesa, Pa	49.98 312	P	P	01 06 32.4 -0.4
PV22	Blue Mesa, Pa	49.98 312	P	I	01 06 34.5
PV16	Nyswonger Mesa	50.00 312	P	P	01 06 32.5 -0.4
PV04	Paradox Valley	50.02 312	P	P	01 06 32.5 -0.5
PV04	Paradox Valley	50.02 312	P	I	01 06 33.4
PV17	East Wray Mesa	50.02 311	P	P	01 06 32.9 -0.1
PV19	Morning Glory	50.05 312	P	P	01 06 33.0 -0.2
PV20	West Nyswonger	50.05 312	P	P	01 06 33.0 -0.2
PV05	Paradox Valley	50.05 311	P	P	01 06 32.5 -0.8
K22A	Casper	50.05 318	P	P	01 06 32.4 -0.8
PV10	Paradox Valley	50.11 312	P	I	01 06 33.1 -0.6
PV10	Paradox Valley	50.11 312	P	I	01 06 33.8
PLV23	Carpenter Ridg	50.12 312	P	P	01 06 33.4 -0.4
PV21	Conc Mtn., Par	50.13 312	P	I	01 06 33.5 -0.4
PV21	Conc Mtn., Par	50.13 312	P	I	01 06 34.4
O20A	White River Ci	50.19 314	P	I	01 06 33.2 -1.0
O20A	White River Ci	50.19 314	P	I	01 06 36.7
G006	Curarrehue	50.71 189	P	I	01 06 38.8 +0.8
G006	Curarrehue	50.71 189	P	I	01 06 40.2
G006	Curarrehue	50.71 189	P	P	01 06 39.0 +1.0
X16A	Lo Mia Camp, P	50.72 306	P	P	01 06 38.4 0.0
WUAZ	Wupatki	50.97 307	P	I	01 06 40.0 -0.2
WUAZ	Wupatki	50.97 307	P	I	01 06 41.7
HMU	Henry Mountain	51.22 310	P	P	01 06 42.0 -0.2
HMU	Henry Mountain	51.22 310	P	I	01 06 43.1
RDMU	Red Mountain	51.29 314	P	I	01 06 41.6 -1.0
RDMU	Red Mountain	51.29 314	P	I	01 06 42.7
P18A	Preston	51.43 313	P	P	01 06 43.5 -0.2
SRU	San Rafael Swe	51.45 312	P	P	01 06 43.3 -0.5
IVI	Ivigtut	51.51 9	i	P	01 06 45.0 +1.4
IVI	Ivigtut	51.51 9	i	P	01 06 45.3
PLCA	Paso Flores	51.70 188	P	P	01 06 47.0 +1.6
PLCA	Paso Flores	51.70 188	P	I	01 30 31.4
PLCA	Paso Flores	51.70 188	P	P	01 06 46.4 +1.1
PLCA	Paso Flores	51.70 188	P	I	01 06 47.4
PLCA	Paso Flores	51.70 188	eP	P	01 06 46.1 +0.8
PLCA	Paso Flores	51.70 188	eP	P	01 06 47.1 +1.8
PLCA	Paso Flores	51.70 188	eP	P	01 07 05.3 -1.1
P17A	Butcher Ranch,	51.73 312	P	P	01 06 45.3 -0.6
LAO	LASA Array	51.75 322	P	I	01 06 45.0 -0.7
LAO	LASA Array	51.75 322	P	I	01 06 47.3
Q16A	Castle Valley	51.86 312	P	P	01 06 46.5 -0.3
Q16A	Castle Valley	51.86 312	P	I	01 06 50.4
NRS	Narsarsuaq	51.91 10	P	P	01 06 47.3 +0.7
NRS	Narsarsuaq	51.91 10	i	P	01 06 47.3 +0.7
NRS	Narsarsuaq	51.91 10	P	I	01 06 49.0
NRS	Narsarsuaq	51.91 10	P	P	01 06 47.5 +1.0
U15A	North Rim	51.94 308	P	P	01 06 48.0 +0.8
TMUT	Trail Mountain	52.02 312	P	I	01 06 47.5 -0.6
TMUT	Trail Mountain	52.02 312	P	I	01 06 48.7
BSUT	Blindstream Ca	52.12 314	P	I	01 06 48.2 -0.8
BSUT	Blindstream Ca	52.12 314	P	I	01 06 50.2
BW06	Boulder Array	52.13 317	P	P	01 06 47.8 -1.1
PD31	Pinedale Array	52.13 317	P	P	01 06 47.9 -0.9
PDAR	Pinedale Array	52.13 317	P	P	01 06 47.6 -1.2
PDAR	Pinedale Array	52.13 317	P	P	01 07 59.2 -0.9
PDAR	Pinedale Array	52.13 317	P	P	01 11 49.4 -3.2
PDAR	Pinedale Array	52.13 317	P	I	01 30 07.6
113A	Nichawak Valley,	52.20 303	P	P	01 06 48.5 -0.7
PKCU	Pink Cliffs	52.25 309	P	P	01 06 49.7 -0.2
KNB	Kanab	52.52 309	P	P	01 06 52.0 +0.2
KNB	Kanab	52.52 309	P	I	01 06 53.7
MPU	Three Creeks R	52.57 313	P	P	01 06 51.6 -0.5
TCRU	Three Creeks R	52.71 311	P	I	01 06 53.3 +0.1
TCRU	Three Creeks R	52.71 311	P	I	01 07 10.7
TCUT	Toone Canyon	52.79 314	P	P	01 06 53.1 -0.6
W13A	Hualapai Mtn	52.84 306	P	P	01 06 54.3 0.1
LCMT	Little Creek M	52.84 309	P	P	01 06 53.8 -0.3
NLU	North Lily Min	52.87 312	P	I	01 06 53.7 -0.6
NLU	North Lily Min	52.87 312	P	I	01 06 54.8
CTU	Camp Tracy	52.88 313	P	P	01 06 53.9 -0.4
CTU	Camp Tracy	52.88 313	P	I	01 06 54.7
SZCU	Shurtz Canyon	52.89 309	P	P	01 06 54.0 -0.5
RLMT	Red Lodge	52.91 319	P	P	01 06 53.4 -1.2
RLMT	Red Lodge	52.91 319	P	I	01 06 55.3
BLYC	Blythe	53.03 304	P	P	01 06 55.3 0.0
HWUT	Hardware Ranch	53.07 315	P	P	01 06 54.4 -1.3
HWUT	Hardware Ranch	53.07 315	P	I	01 06 56.0
HWUT	Hardware Ranch	53.07 315	P	P	01 06 54.8 -1.0
CCUT	Cedar City	53.09 309	P	P	01 06 54.6 -1.3

LOHW	Long Hollow	53.17 317	P	I	01 06 55.2 -1.2
LOHW	Long Hollow	53.17 317	P	I	01 06 56.8
AHID	Auburn Hatcher	53.17 316	P	P	01 06 54.9 -1.6
AHID	Auburn Hatcher	53.17 316	P	P	01 06 55.5 -1.1
SNOW	Snow King Moun	53.21 317	P	P	01 06 56.1 -0.7
FRB	Frishberg Ar	53.22 356	LR	LR	01 28 00.2
YMP	Mirror Lake Pl	53.33 319	P	I	01 06 56.4 -1.3
YMP	Mirror Lake Pl	53.33 319	P	I	01 06 59.1
YNE	Yellowstone No	53.34 319	P	P	01 06 56.4 -1.4
YNE	Yellowstone No	53.34 319	P	I	01 06 58.2
GCMT	Greycliff	53.45 320	P	P	01 06 57.6 -0.8
FXWY	Fox Creek	53.46 317	P	I	01 06 57.6 -1.0
FXWY	Fox Creek	53.46 317	P	I	01 06 58.5
DUG	Dugway, Tooele	53.48 312	P	I	01 06 58.2 -0.5
DUG	Dugway, Tooele	53.48 312	P	I	01 06 59.2
DUG	Dugway, Tooele	53.48 312	P	P	01 06 58.5 -0.2
YRP	Yampah	53.56 318	P	P	01 06 58.8 -0.6
YRM	Iron Mountain	53.63 305	P	P	01 06 59.6 -0.2
YFT	Old Faithful	53.65 318	P	I	01 06 59.9 -0.2
YFT	Old Faithful	53.65 318	P	I	01 07 01.6
YNR	Norris Junctio	53.66 318	P	I	01 06 59.4 -0.7
YNR	Norris Junctio	53.66 318	P	I	01 07 01.0
PSUT	Pine Spring	53.74 310	P	I	01 07 00.5 -0.2
PSUT	Pine Spring	53.74 310	P	I	01 07 02.1
BC3	Big Chuckwalk	53.77 304	P	P	01 07 00.5 -0.4
YHM	Holmes Hill	53.80 318	P	P	01 07 00.5 +0.6
YMR	Madison River	53.82 318	P	I	01 07 01.6 +0.3
YMR	Madison River	53.82 318	P	I	01 07 03.3
BGU	Big Grassy Moun	53.88 313	P	P	01 07 00.9 -0.7
HVU	Hansel Valley	53.98 314	P	P	01 07 00.7 -1.7
HVU	Hansel Valley	53.98 314	P	I	01 07 02.0
YHB	Horse Butte	54.01 318	P	P	01 07 02.4 -0.2
YHL	Hebgen Lake	54.04 318	P	P	01 07 03.2 +0.3
QLMT	Earthquake Lak	54.19 318	P	P	01 07 04.2 +0.3
LLO2	Futaleufu	54.30 189	P	P	01 07 05.2 +0.9
PRN	Paradise Range	54.34 309	P	P	01 07 03.8 -1.2
EGMT	Eagleton	54.49 322	P	P	01 07 05.1 -0.8
CBX	Cerro Bola	54.50 302	P	I	01 07 05.8 -0.5
CBX	Cerro Bola	54.50 302	P	I	01 07 11.4
PFO	Pinyon Flats O	54.58 304	LR	LR	01 34 04.5
BOZ	Bozeman (W)	54.62 319	P	I	01 07 06.2 -0.8
BOZ	Bozeman (W)	54.62 319	P	I	01 07 07.2
AVE	Averroes	54.86 57	P	I	01 07 09.1 +0.4
AVE	Averroes	54.86 57	P	I	01 07 12.5
SHOC	Shoshone, Teco	54.92 306	P	P	01 07 09.0 -0.1
MCMT	McKenzie Canyo	55.12 312	P	P	01 07 10.3 -0.4
TPNV	Topnotch Spring	55.15 308	P	P	01 07 10.9 -0.1
DLMT	Dillon	55.16 319	P	I	01 07 10.4 -0.4
DLMT	Dillon	55.16 319	P	I	01 07 11.1
PSBE	So Bents	55.24 49	eP	P	01 07 13.8 +2.4
GWY	Greenswartz Val	55.30 307	P	P	01 07 11.9 -0.1
BCY1	Beaver Canyon	55.31 317	P	P	01 07 12.2 +0.2
PCVE	Castro Verde	55.31 319	eP	P	01 07 15.6 +3.8
BUT	Butte	55.39 319	P	P	01 07 11.8 -0.8
WCT	Wildcat Moun	55.41 307	P	P	01 07 12.7 0.0
OSM	Queen of Sheba	55.41 306	P	P	01 07 12.1 -0.5
ELK	Elk	55.41 312	P	P	01 07 12.1 -0.8
PVAQ	Vaqueiros	55.50 52	eP	P	01 07 17.0 +3.7
FURC	Furnace Creek,	55.52 307	P	P	01 07 13.8 +0.5
PMTG	Montargil	55.54 50	eP		

RADR	Rader Ridge	62.92	317	P	P	01 08 03.5	-0.9
B04A	Port Angeles	63.12	319	P	P	01 08 06.5	+0.8
NLWA	Neilton Lookout	63.20	318	P	P	01 08 06.1	-0.1
NLWA				I	Amb	01 08 06.8	
	comp=Z,18nm,1.1s						
PGDC	Summit	63.24	319	P	P	01 08 05.7	-0.7
SUMG	Summit	63.51	8	P	P	01 08 08.7	+0.4
SUMG	Summit	63.51	8	P	P	01 08 08.9	+0.7
SUMG				I	Amb	01 08 10.0	
	comp=Z,65nm,0.9s						
SUMG	Summit	63.51	8	P	P	01 08 08.4	+0.1
CLRS	Cowichan Lake	63.72	319	P	P	01 08 08.4	-1.2
CLRS				I	Amb	01 08 10.3	
	comp=Z,17nm,0.9s						
YKA	Yellowknife Ar	63.87	336	P	P	01 08 08.0	-2.3
YKA				L	R	01 08 24.9	
	comp=Z,3.8nm,0.6s,baz=112,slow=7.3,SNR=24						
	LR						
	comp=Z,58nm,21.9s,baz=114,slow=95						
YKA	Yellowknife Ar	63.87	336	P	P	01 08 08.4	-1.8
EKA	Eskdalemuir Ar	63.90	33	P	P	01 08 09.6	-1.1
	comp=Z,2.0nm,0.7s,baz=288,slow=2.9,SNR=8.6						
	comp=Z,2.0nm,0.7s						
CBB	Campbell River	64.80	320	P	P	01 08 15.9	-0.8
CLF	Chambon-Foret	65.10	42	P	P	01 08 19.5	+0.9
CLF				I	Amb	01 08 22.0	
	comp=Z,19nm,1.0s						
TAM	Tamasnet	65.45	70	P	P	01 08 21.7	+0.1
TAM	Tamasnet	65.45	70	P	P	01 08 22.5	+0.9
	comp=Z,4.0nm,0.9s						
RES	Resolute Bay	66.64	351	LR	LR	01 06 12.9	
	comp=Z,44nm,21.4s,baz=342,slow=95						
HOLB	Holberg	66.87	324	P	P	01 08 28.3	-0.4
BBB	Bella Bella	66.99	322	LR	LR	01 08 26.7	
	comp=Z,23nm,19.3s,baz=98,slow=37						
BBB	Bella Bella	66.99	322	P	P	01 08 30.5	-0.1
NEM	North Greenlan	67.05	3	P	I	01 08 30.3	-0.7
	comp=Z,25nm,0.7s						
BMRD	Mareduos	67.17	40	dP	P	01 08 32.5	+0.7
	comp=Z,5.8nm,0.9s						
ISO	Isola	67.75	47	P	P	01 08 37.5	+1.8
	comp=Z,4.3nm,1.3s						
WRGLY	Wrigley	67.84	335	I	Amb	01 08 35.5	
	comp=Z,12nm,1.0s						
WRGLY	Walferdange	67.94	41	P	P	01 08 35.6	-0.2
WLF	Walferdange	67.94	41	P	P	01 08 37.7	+1.0
	comp=Z,12nm,1.0s						
DBG	Daneborg	67.94	11	P	P	01 08 37.5	+1.2
DBG				I	Amb	01 08 38.2	
	comp=Z,21nm,0.6s						
SENIN	Lac Senin/Sane	68.20	44	P	P	01 08 39.2	+0.5
ECH	Echery	68.36	42	P	P	01 08 39.9	+0.5
RUBB	Prince Rupert	68.70	322	P	P	01 08 41.5	+0.2
HG4B	Hotspring	68.87	322	P	P	01 08 42.6	+0.1
VSL	Villasalto	69.07	52	P	P	01 08 44.1	+0.1
BFO	Black Forest	69.15	42	P	P	01 08 43.4	-1.0
T35M	Bob Quinn	69.28	327	P	P	01 08 44.7	-0.1
WTLY	Wabson Lake, Y	69.28	331	P	P	01 08 44.7	-0.3
IBSN	Ibbertsen	69.38	38	P	P	01 08 45.4	-0.2
	comp=Z,29nm,0.9s						
DLBC	Dease Lake	69.47	329	LR	LR	01 08 42.2	
	comp=Z,33nm,21.9s,baz=65,slow=36						
TUE	Tuetta	69.62	44	P	P	01 08 48.1	+0.6
TUE	Tuetta	69.62	44	P	P	01 08 46.7	-0.8
	comp=Z,22nm,0.8s						
V35K	Ketchikan	69.67	325	P	P	01 08 47.4	0.0
STU	Stuttgart	69.78	42	P	P	01 08 48.8	+0.6
	comp=Z,12nm,0.6s						
DIB	Dawson Inlet	69.79	323	P	P	01 08 48.1	0.0
DIB				I	Amb	01 08 49.1	
	comp=Z,18nm,1.3s						
S34M	Telegraph Cree	69.93	328	P	P	01 08 48.9	0.0
DAG	Danmarks Havn	69.96	10	P	P	01 08 48.5	-0.3
DAG				I	Amb	01 08 49.4	
	comp=Z,14nm,1.0s						
DAG	Danmarks Havn	69.96	10	P	P	01 08 48.9	+0.1
	comp=Z,19nm,0.9s						
DAVA	Damuels	70.07	44	eP	P	01 08 53.3	+1.1
DAVA	Damuels	70.07	44	P	P	01 08 51.5	+1.2
	comp=Z,17nm,0.8s						
R33M	Jennings River	70.17	330	P	P	01 08 50.1	-0.4
R33M				I	Amb	01 08 51.5	
	comp=Z,12nm,1.1s						
FUORN	Openpass-Fuorn	70.26	44	P	P	01 08 52.1	+0.5
WRAIK	Wrangell Islan	70.28	324	P	P	01 08 51.4	+0.3
SALO	Sair	70.35	45	P	P	01 08 52.1	+0.3
SALO				I	Amb	01 08 56.0	
	comp=Z,7.9nm,0.8s						
CASP	Castiglione de	70.39	48	P	P	01 08 52.1	0.0
CASP				I	Amb	01 09 15.0	
	comp=Z,11nm,0.9s						
C36M	Paulatuk	70.39	341	P	P	01 08 52.0	+0.5
C36M				I	Amb	01 08 58.5	
	comp=Z,43nm,1.4s						
CRAG	Craig	70.54	325	P	P	01 08 53.0	+0.3
CRAG				I	Amb	01 08 58.6	
	comp=Z,12nm,1.2s						
ZCCA	Zocca	70.58	47	P	P	01 08 53.5	+0.2
ZCCA				I	Amb	01 09 03.0	
	comp=Z,7.2nm,0.7s						
FETA	Feichten	70.62	44	eP	P	01 08 54.4	+0.8
	comp=Z,9.6nm,1.0s						
RETA	Reutte	70.69	43	eP	P	01 08 54.7	+0.9
Q32M	Nakina River	70.73	329	P	P	01 08 53.6	-0.5
MOTA	Moosalm	70.90	44	eP	P	01 08 55.9	+0.6
	comp=Z,1.6nm,0.5s						
SQTA	Saankt Quirin	70.96	44	eP	P	01 08 56.3	+0.7
	comp=Z,2.4nm,0.6s						
TEOL	Teolo	71.14	46	P	P	01 08 56.4	-0.2
TEOL				I	Amb	01 08 59.2	
	comp=Z,9.7nm,0.7s						
CTI	Castel Tesino	71.17	45	P	P	01 08 56.7	-0.2
GRF	Grafenber Arr	71.20	41	eP	P	01 08 57.4	+0.5
	comp=Z,3.7nm,0.9s,baz=250,slow=6.3						
WATA	Walderalm	71.22	44	eP	P	01 08 57.7	+0.5
	comp=Z,0.9nm,0.5s						
SKAR	Skarslia	71.24	29	eP	P	01 09 00.6	+3.7
WTKA	Wattenberg	71.26	44	eP	P	01 08 57.7	+0.2
	comp=Z,0.1nm,0.3s						
P33M	Teslin, Yukon	71.26	330	P	P	01 08 56.2	-0.9
GRC3	Grafenber Arr	71.36	42	P	P	01 08 58.6	+0.8
	comp=Z,9.9nm,0.9s						
N32M	Quiet Lake	71.58	331	P	P	01 08 58.2	-0.7
P32M	Atlin	71.58	329	P	P	01 08 58.9	-0.1
MURB	Monte Urbino	71.63	48	P	P	01 08 59.1	-0.6
MURB				I	Amb	01 09 09.1	
	comp=Z,14nm,1.1s						
S32K	Killinsno	71.66	327	P	P	01 08 59.5	+0.1
S32K				I	Amb	01 09 01.2	
	comp=Z,22nm,1.3s						
R32K	Eaglecrest	71.76	328	P	P	01 09 00.7	+0.6
A36M	Sachs Harbour	71.78	343	P	P	01 09 00.7	+0.8
A36M				I	Amb	01 09 06.8	
	comp=Z,24nm,1.1s						
ABTA	Abfaltersbach	71.82	44	eP	P	01 09 01.5	+0.8
	comp=Z,5.2nm,0.8s						
LESA	Schwarzsee Ar	71.97	44	eP	P	01 09 02.1	+0.5
	comp=Z,0.4nm,0.3s						
BESE	Bessie Mountain	71.99	328	P	P	01 09 01.4	-0.1
SIT	Sitka	72.00	327	P	P	01 09 01.8	+0.4
SIT				I	Amb	01 09 02.1	
	comp=Z,14nm,0.9s						
FDMO	Fiordimonte	72.03	48	P	P	01 09 02.3	+0.2
RJOB	Jochberg	72.03	48	P	P	01 09 01.2	-1.1
	comp=Z,4.3nm,1.0s						
FUSE	Fusea	72.13	45	P	P	01 09 02.8	+0.3
	comp=Z,7.5nm,0.8s						
GUMA	Gualdo di Mace	72.22	48	P	P	01 09 04.3	+1.1
M31M	Drury Creek, Y	72.29	332	P	P	01 09 03.6	-0.2
M31M				I	Amb	01 09 04.5	
	comp=Z,9.9nm,0.9s						
KBA	Koelnbreinsper	72.41	44	eP	P	01 09 04.9	+0.6
KBA	Koelnbreinsper	72.41	44	P	P	01 09 05.0	+0.6
	comp=Z,1.1nm,0.5s						
CLL	Colim	72.48	40	P	P	01 09 05.3	+0.8
NC204	NORSAR Array S	72.53	29	P	P	01 09 05.2	+0.5

NC204	comp=Z,2.0nm,1.1s						
MYKA	Terra Mystica	72.59	44	eP	P	01 09 05.9	+0.6
S31K	Pelican	72.61	328	P	P	01 09 05.6	+0.5
S31K				I	Amb	01 09 07.6	
	comp=Z,23nm,1.1s						
BIOA	Bad Ischl, Aus	72.64	43	eP	P	01 09 06.0	+0.5
KHC	Kasperske Hory	72.69	42	eP	P	01 09 07.6	+1.8
	comp=Z,0.7nm,0.5s						
NB2	NORSAR Subarra	72.71	29	P	P	01 09 07.1	+1.4
NB2	NORSAR Subarra	72.71	29	P	P	01 09 07.1	+1.4
NOA	NORSAR Array B	72.72	29	P	P	01 09 06.0	+0.2
	comp=Z,7.4nm,0.9s,baz=262,slow=6.0,SNR=19						
NOA				L	R	01 09 26.7	
	comp=Z,9.1nm,21.7s,baz=65,slow=32						
	comp=Z,7.4nm,0.9s						
GE2C	GERESS Array S	72.75	42	P	P	01 09 06.9	+0.6
GE2C	GERESS Array S	72.75	42	P	P	01 09 07.2	+0.9
	comp=Z,7.4nm,1.0s						
GERES	GERESS Array B	72.75	42	P	P	01 09 06.1	-0.2
	comp=Z,5.9nm,0.8s,baz=260,slow=5.3,SNR=31						
GERES	GERESS Array B	72.75	42	P	P	01 09 06.9	+0.6
NC602	NORSAR Array S	72.82	30	eP	P	01 09 08.3	+2.1
NC602	NORSAR Array S	72.82	30	eP	P	01 09 07.7	+1.4
NC602				I	Amb	01 09 09.4	
	comp=Z,24nm,1.2s						
N31M	Braeburn, Yuko	72.92	331	P	P	01 09 06.3	-0.6
N31M				I	Amb	01 09 07.4	
	comp=Z,14nm,0.8s						
NC405	NORSAR Array S	72.96	29	P	P	01 09 08.0	+0.8
NC405				I	Amb	01 09 09.7	
	comp=Z,13nm,0.8s						
BRG	Bergliesshubel	73.04	40	P	P	01 09 09.7	+1.9
BRG	Bergliesshubel	73.04	40	eP	P	01 09 08.4	+0.6
BRG				A	Amp	01 09 14.3	
	comp=Z,5.1nm,1.1s						
MOA	Molin	73.07	43	eP	P	01 09 08.3	+0.2
MOA	Molin	73.07	43	eP	P	01 09 07.7	-0.5
	comp=Z,2.0nm,0.7s						
	comp=Z,5.3nm,1.1s						
H31M</							

Table with columns: SEY, ULN, SHEM, H1N2, H1N1, H1N3, SONM, SONMI, H1S1, H1S3, H1S2, LZH, LZM, GTA2, DAV, SLVN, GOMU, FAKI, WMQ, WMQ, CHTO, CMAR, CMAR, CMAR, CMAR, ZAAO, ZAAO, ZALV, ZALV, ZALV, M14K, M14K, N14K, N14K, C16K, C16K, N15K, N15K, O15K, O15K, M16K, M16K, MKAR, MKAR, MKAR, C18K, BRDH, KURK, KURK, KURRB, KURRB, EVN, EVN, PDGK, KDAD, WUS, WUS, E22K, PRZ, TARG, TARG, TARG, KDJ, KDJ, HNR, SCM, SCM, IL31, IL31, ILAR, BOOM, BOOM, ASAI, FID, BMAR, AAK, C27K, C27K, BVAR, KSH2, KSH2, RPSI, ARSB, I28M, ARK, G29M, KK31, KK31, KKAR, KNRA, KNRA

Table with columns: HYT, HYT, H31M, H31M, FITZ, WBO, WBO, WR8, WRA, WRA, ARTI, ARTI, ARTI, P33M, P33M, KBL, AB31, AB31, ABKAR, AKTO, AKTO, ASAR, ASAR, KIRV, KIRV, SPITS, SPITS, BBT, BBT, PALK, PALK, RES, RES, YKA, YKA, ARCES, ARCES, ARCES, ARCES, AFES, AFES, FINES, FINES, FINES, NEW, NEW, YBH, YBH, KBZ, KBZ, GNI, GNI, HFS, HFS, HFS, HFS, NB2, NB2, NOA, NOA, NOA, NOA, AKASO, AKASO, AKASO, NVAR, NVAR, NVAR, NVAR, PDAR, PDAR, BRTR, BRTR, BRTR, BRTR, PFO, PFO, TRPA, TRPA, TRPA, MLR, MLR, ULM, ULM, RAR, RAR, CLL, CLL, VRAC, VRAC, ASF, ASF, MMAI, MMAI, GER, GER, EKA, EKA, PPT, PPT, EIL, EIL, DAVOX, DAVOX, LPIG, LPIG, TXAR, TXAR, VAE, VAE, KEST, KEST, TKL, TKL, ESDC, ESDC, LPAZ, LPAZ, LPAZ, H03N2, H03N2, H03N3, H03N3, H03N1, H03N1

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC, Pg, Sg, LOPP1, LOPP1, LOPP1, LUDR, LUDR, LUDR, MCDR, MCDR, MCDR, SC01, SC01, SC01, SC01, SC01, REDR, REDR, REDR, SDDR, SDDR, SDDR, SDDR, SDDR, NADR, NADR, NADR, NADR, NADR, GRTK, GRTK, GRTK, GRTK, SMDR, SMDR, SMDR, SNET 05 01:40:47.7±0.9, 13.86N:90.91W, h76km, ML4.2, CATAC 05 01:40:47.8±0.5, 14.1°N, 3.9°W, h27km, 4km, M4.4/33, MLV4.4/33, Error ellipse: s-maj=6.3km s-min=2.3km az=30.2, confirmed GCG 05 01:40:48.6±1.3, 13.99N:90.84W, h76km, 6km, MD4.5, ML4.6, Presumed earthquake UCR 05 01:40:48.6±1.3, 13.99N:90.84W, h94km, 42km, MW3.8, Presumed earthquake ISC 05 01:40:49.1±1.3, 13.95N:0.07:90.85W:0.04, h81km, 9gkm, n76, c085/110, Near coast of Guatemala

SDD 05 01:38:41.0±3.1, 19.77N:71.21W, h20km, 7km, MD3.2, ML2.2, MW2.4, Presumed earthquake OSPL 05 01:38:44.8±2.0, 19.76N:71.23W, h7km, 6km, ML2.0, Presumed earthquake ISC 05 01:38:43.0±0.9, 19.77N:0.03:71.22W:0.03, h15km, 6gkm, n15, c09/7R, 18C-1D, Dominican Republic region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include JUCU, LCND, CNCH, CSNG, etc.

IDC 05 01:43:42.7±1.6, 33°37'N, 75°36'E, h0km, mb3.5/5, mbtmp3.5/8, ML3.0/3, MS3.4/1, Error ellipse: s-maj=49.8km...

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include MKAR, MKAR, KURBB, etc.

IDC 05 01:51:51.3±1.6, 46°7'S, 150°71'E, h0km, mb3.5/2, mbtmp3.6/2, Error ellipse: s-maj=71.0km s-min=17.5km...

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include KRVT, KRVT, KRVT, etc.

IDC 05 02:05:49.2±0.2, 10°33'S, 119°56'E, h0km, mb3.6/1, mbtmp3.7/5, ML3.8/4, Error ellipse: s-maj=55.4km...

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include WSI, WSI, PLAI, etc.

UCR 05 02:28:09.8±0.7, 8°31'N, 82°92'W, h8km, 3km, MW3.5, Presumed earthquake...

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include PTM, PTM, PTM, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include CLLRA, LOMA3, LOMA3, etc.

WEL 05 02:44:30.7±0.7, 33°51'S, 17°8'W, 1°13', h12km, M4.3/11, mB4.8, ML4.2/13, MLv4.5/11, Mw(mB)4.0/6, Error ellipse: s-maj=18.1km...

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include GLKZ, GLKZ, RIZ, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include URZ, URZ, URZ, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include URZ, URZ, URZ, etc.

ISU 05 02:47:27.40±0.64N, 70°50'E, h17km, KRNET 05 02:47:32.3±0.1, 40°65'N, 70°77'E, h12km, mb2.9...

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include MINT, MINT, BTK, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include ARSB, ARSB, SFK, etc.

EKSZ 05 03:09:34.4±0.9, 13°16'N, 87°92'W, h0km, mb3.7/6, mbtmp3.7/8, ML2.9/3, MS2.9/2, Error ellipse: s-maj=40.2km...

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include DGS, DGS, DGS, etc.

IDC 05 03:09:37.3±1.6, 12°52'N, 10°18'87.9'W, h0km, mb2.12km, mB4.1/38, Error ellipse: s-maj=16.5km s-min=8.2km...

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include ALJI, ALJI, JUCU, etc.

ISU 05 03:09:38.2±0.5, 13°N, 8°9'W, h32km, 6km, M4.3/38, mB4.4/1, mB4.9/1, MLv4.2/38, Mw(mB)4.2/1, Error ellipse: s-maj=5.6km...

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include UUES, UUES, UUES, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, ISC, H, m, s, ISC, Time, Res, ISC, H, m, s, ISC. Includes stations like HERN, ILCN, ESQI, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, ISC, H, m, s, ISC, Time, Res, ISC, H, m, s, ISC. Includes stations like REI, KUR, YUK, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res, ISC, H, m, s, ISC, Time, Res, ISC, H, m, s, ISC. Includes stations like MUGZ, TLZ, MRHZ, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like QSPA, GO05, BO02, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CMIG, STKA, NWA0, etc.

MAN 05:04:56:08.0, 6.70N-124.98E, h16km, MS3.7, Mindanao

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KCP, GSPH, DMPH, etc.

NNC 05:04:58:42.3, 0.6, 42:97N-79:52E, h3km-2km, mb3.4

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SHLS, PDGK, UZB, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like DJR, KNOS, TARG, etc.

TRN 05:05:13:13.4, 16:24N-61:62W, h152km, MD4.0, Basse-Terre, Guadeloupe, Leeward Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like DHSZ, MMLZ, TBG, etc.

GFZ 05:05:14:51.6, 0.3, 52°N-8°17'W, h10km, M4, 7/19, mb4, 7/19
AEIC 05:05:14:52.0, 1.8, 51°84'N-10°17'47'W, h14km, 3km, Error ellipse: s-maj=14.4km s-min=3.2km az=171.0
IDC 05:05:14:53.1, 3.2, 51°93'N-178°58'W, h22km, 20km, mb4, 1/26, mbmp4, 3/31, ML4, 6/4, MS3, 6/38, Error ellipse: s-maj=16.0km s-min=10.9km az=172.0

5d 6h

Table with columns: Station Name, Time, Res, and other data. Includes stations like AK12 Malin Array Si, AK09 Malin Array Si, LUBAR Lubar, Ukraine, etc.

UCR 05 05:21:37.7-0.7, 8:33N-83:02W, h1km, 3km, MW4.1, Presumed earthquake

UPA 05 05:21:37.9-1.0, 8:34N-82:97W, h1km, 1km, MW4.0, Presumed earthquake

CATAC 05 05:21:38.7-0.5, 8°N, 3°8'W, h5km, 2km, M3.7/1.1, MLV3, 7/11, Error ellipse: s-maj=7.5km s-min=4.8km az=9.1, confirmed

ISC 05 05:21:35.3-1.2, 8.25N, 0.04-83°10'W, 0.02, h17km, 8km, n72, e0589/92, 3C-15D, Costa Rica

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other data. Includes stations like PTPM Petroterminal, PTPA Petro Terminal, LIMO3 Limones, etc.

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Table with columns: Station Name, Time, Res, and other data. Includes stations like GMAL Guarumal, Vera, GMAL Guarumal, Vera, RSUS3 Rio de Jesus, etc.

BER 05 05:25:42.5-3.75, 26N-79.5E, h10km, Mw3.7, Confirmed Earthquake, Greenland Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other data. Includes stations like BJO1 Bjornoya, BEA1 Bear Island, BRBA Barentsburg A, etc.

IDC 05 05:38:12.6-0.7, 8°38'N-82°74'W, h0km, mb3.9/9, mbmp3.9/15, ML3.0/5, MS3.3/5, Error ellipse: s-maj=27.1km s-min=11.5km az=48.0

UCR 05 05:38:13.7-0.8, 8°28'N-82°97'W, h14km, 7km, MW4.6, Presumed earthquake

UPA 05 05:38:14.1-1.0, 8°33'N-82°92'W, h7km, 2km, MW4.6, Presumed earthquake

CATAC 05 05:38:15.3-0.4, 8°N, 3°8'W, h4km, 1km, M4.9/1.9, mB5.4/4, mLV4.6/1.9, Mw(m)/B.9/4, Error ellipse: s-maj=6.1km s-min=3.0km az=5.6, confirmed

NEIC 05 05:38:15.2-2.0, 8°37'N-0°07', 82°92'W, 0.04, h5km, 2km, mb4.5/1.8, Error ellipse: s-maj=10.8km s-min=6.0km az=181.0

ISC 05 05:38:14.7-0.7, 8°30'N-0°02', 82°94'W, 0.02, h14km, 5km, n135, e129/162, mb4.4/1.6, MS3.4/4, 2C-11D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other data. Includes stations like PTPM Petroterminal, PTPA Petro Terminal, LIMO3 Limones, etc.

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Table with columns: Station Name, Time, Res, and other data. Includes stations like CACAO Chitre, CHIT3 Chitre, CHIT3 Chitre, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like NELY, LIMO3, LMNES, PIRO, PIR0, PIR0, PIR0, etc.

UCR 05:06:10.28:0.0, 8.6:27N-83:02W, h17km, 6km, MW3.5, Presumed earthquake

UPA 05:06:10.28:1.0, 8.3:31N-83:00W, h13km, 2km, MW3.2, Presumed earthquake

ISC 05:06:10.27:0.9, 8.3:30N-0:03:83:01W, 0:03, h13km, n25, c050/32, 1D, Costa Rica

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like PTPM, PTPM, PTPA, LIMO3, LIMO3, LMNES, etc.

ISK 05:06:18:22.1, 38:14N-42:62E, h3km, ML2.9

AFAD 05:06:18:23.1, 38:12N-42:63E, h7km, 2km, ML2.9

ISC 05:06:18:23:0.9, 38:14N-0:03:42:62E, 0:02, h12km, 8km, n17, c057/28, Turkey

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like PERV, PERV, PERV, PERV, AKDM, AKDM, etc.

RSPR 05:06:31:47.9, 19:14N-64:33W, h33km, 24km, ML3.7/15

NEIC 05:06:31:50.1, 1.3, 19:0N, 0:1:64:67W, 0:03, h20km, 5km, ML3.4/41, Md3.7/15(RSPR), Error ellipse: s-maj=16.3km s-min=4.5km az=180.0

ISC 05:06:31:51.6, 1.8, 19:0N, 0:1:64:57W, 0:05, h35km, n45, c1561/53, 8C-5D, Virgin Islands

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like HUMP, HUMP, HUMP, HUMP, BTMN, BTMN, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like PDPDR, PDPDR, PDPDR, PDPDR, PDPDR, etc.

VAO 05:06:39:37.3, 0.3, 28:11S:72:10W, h10km, mb4.9, Presumed earthquake

SJA 05:06:39:38.4, 1.3, 27:95S:71:83W, h20km, 5km, ML4.9, MW5.1

NEIC 05:06:39:40.7, 27:95S:71:68W, h10km, mb4.9/24

GFZ 05:06:39:40.5, 0.2, 28:12S:72:7W, h10km, M4.7/24, mb4.9/24

IDC 05:06:39:40.7, 0.5, 27:88S:71:51W, h0km, mb4.5/14, mbmp4.4/20, ML4.0/6, MS4.0/7, Error ellipse: s-maj=13.3km s-min=9.4km az=80.0

GUC 05:06:39:41.7, 0.8, 28:01S:71:71W, h29km, 4km, ML4.6

NEIC 05:06:39:42.0, 1.4, 27:94S:0:03:71:59W, 0:04, h11km, 2km, mb4.39/46, Mw4.8/31, Mw4.9(GUC), Error ellipse: s-maj=5.3km s-min=3.8km az=63.0

Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mr1:18; Ms0:31; Ms1:0.49; Ms2:0.13; Ms3:0.47; Ms4:0.35; Fault plane solution: M1:98000*10^16; NP1:186.68000*10^16; P:1.06.50000*10^16; Principal axes: T:1.7476, Plg67.0000*10^16; Azm84.0000*10^16; N:0.4038, Plg7.0000*10^16; Azm189.0000*10^16; P:-2.1514, Plg22.0000*10^16; Azm282.0000*10^16

GCMT 05:06:39:46.0, 0.3, 28:09S:0:02:71:73W, 0:02, h18km, 1km, MW5.0/105, Moment Tensor Solution. s34,c40; s105,c136; Duration: 0 Moment tensor: Scale 10^16Nm; Mr1:54.13; Ms0:0.32; Ms1:0.07; Ms2:1.73; Ms3:0.23; Ms4:1.15; Mw=0.03; 04; Ms=2.90; 22. Best double couple. M3: 74300*10^16; NP1:359.0000*10^16; Azm0.0000*10^16; 1.86.00000*10^16; NP2:184.00000*10^16; Azm91.00000*10^16; Principal axes: T:3.9300, Plg64.0000*10^16; Azm96.0000*10^16; N:-0.3730, Plg1.0000*10^16; Azm3.0000*10^16; P:-3.5560, Plg25.0000*10^16; Azm273.0000*10^16; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 05:06:39:39.0, 0.7, 27:93S:0:03:71:74W, 0:03, h2km, 4km, n278, c1976/301, mb4.9/39, MS4.1/32, 16C-2D, Near coast of northern Chile

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like AC04, AC04, AC04, AC04, AC04, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like AC05, AC05, AC05, AC05, AC05, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RBALA Bur, EDPE Pejibaye, SAJE San Jermin, etc.

IDC 05 07:26:30.6:1.1,36:22N:22:24E, h0km, mb3.8/9, mbmp3.7/13, ML1.4/2, Error ellipse: s-maj=24.8km s-min=11.0km az=26.0

ATH 05 07:26:32.8,35.95N:22:17E, h5km, 1km, ML3.5/21, Latitude uncertainty: 1 km; Longitude uncertainty: 1 km THE 05 07:26:35.0,36:22N:2:2E, h11km, 2km, M3.3/14, MLh3.3/14

ISC 05 07:26:31.8:1.1,35:91N:0:03:22:15E, h0.03, h16km, 8km, n59, c157/93, mb4.0/8, Central Mediterranean Sea

Main table listing station data for the left column, including stations like KTHA Kythira Island, ANKY Antikythira Is, NPSI Neapolis Lacon, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HFS Hagfors, FINES FINES Array B, EKA Eksleimuir Arr, etc.

IDC 05 07:26:56.9:1.2,38:82N:142:69E, h0km, mb3.6/4, mbmp3.6/5, ML2.7/1, MS3.1/1, Error ellipse: s-maj=34.9km s-min=22.3km az=127.0

JMA 05 07:27:01.0,0.1,38:9N:0:2:142:4E:0.3, h30km, MV3.9/32, E OFF MIYAGI PREF

JMA Feit 1 JT at E OFF MIYAGI PREF, ISC 05 07:27:02.4:1.3,38:91N:0:07:142:3E:0.1, h37km, 3km, n18, c090/17, mb3.8/4, Near east coast of eastern Honshu

Main table listing station data for the middle column, including stations like OFUJ Ofunato, KJMT Kesennumototy, JMK Ichinoseki, etc.

ISC 05 07:39:06.1:1.0,10:25S:0:1:113:80E, h0.07, h35km, n15, c157/14, mb3.2/4, South of Jawa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JAGI Jajag, Banyuwa, JAGI Denpasar, etc.

IDC 05 08:20:26.8:2.7,57:06N:157:17W, h61km, 22km, mb3.7/22, mbmp4.4/26, ML4.1/4, Error ellipse: s-maj=22.3km s-min=15.0km az=15.0

NEIC 05 08:20:28.2:1.1,56:79N:104:05:156:94W:0.05, h80km, 3km, mb4.1/6, ML3.9/72, ML3.7(A)IC, Error ellipse: s-maj=5.6km s-min=3.6km az=150.0

AEIC 05 08:20:29.6:1.4,56:80N:0:02:156:92W:0.06, h69km, 6km, Error ellipse: s-maj=5.2km s-min=1.3km az=118.0

ISC 05 08:20:28.4:0.7,56:83N:0:05:156:95W:0.04, h84km, 6km, n255, c091/264, mb4.0/26, Alaska Peninsula

Main table listing station data for the right column, including stations like ANPK Aniakchak Peak, ANPK Aniakchak Nort, ANNW Aniakchak Nort, etc.

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Table with columns: Station ID, Name, Time, Res, and various codes. Includes stations like PS1A, PS4A, AUI, etc.

Table with columns: Station ID, Name, Time, Res, and various codes. Includes stations like WRH, G15K, CHX, etc.

Table with columns: Station ID, Name, Time, Res, and various codes. Includes stations like NELY, PIRO, PIRO, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JOTO, JTM, JMN, etc.

JMA 05 09:02:05.8-0.1, 37.8N; 0.4x143.6E; 0.4, h14km, 1km, MV3.6/18, FAR E OFF MIYAGI PREF, Off east coast of Honshu

NEIC 05 09:10:32.0-2.0, 23.9S; 0.1x179.8W; 0.1, h520km, 10km, mb4.1/23, Error ellipse: s-maj=17.9km s-min=13.9km

IDC 05 09:10:32.3-1.8, 23.85S; 179.91W, h520km, 20km, mb3.2/9, mbmp4.1/11, Error ellipse: s-maj=23.5km s-min=17.6km

ISC 05 09:10:31.8-0.6, 23.88S; 0.1x179.9W; 0.1, h518km, n41, o#84/42, mb4.0/22, South of Fiji Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MSVF, URZ, RTZ, etc.

NIED 05 09:40:39.0, 39.85N; 139.62E, h10km, MW3.6, Moment Tensor Solution, s-3 Moment tensor: Scale 10^13N; Mw=0.35; Mse=1.54; Mse=1.19; Mo=0.03; Mw=1.0; Mw=0.33; Fault plane solution: M2.39000x10^14 NP1; o=107.00000, b=81.00000, lambda=4.00000. NP2: b=198.00000

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JOG3, JOG3, JYW, etc.

IDC 05 09:40:39.0, 39.85N; 139.62E, h10km, mb3.5/2, mbmp3.3/6, ML2.7/4, MS3.4/1 Error ellipse: s-maj=17.9km s-min=11.5km az=111.0

JMA 05 09:40:39.0-0.1, 39.9N; 0.2x139.6E; 0.5, h10km, MV3.6/40, OGA PENINSULA REGION

JMA FELT J1 at OGA PENINSULA REGION, ISC 05 09:40:39.2-0.7, 39.83N; 0.04x139.51E; 0.03, h10km, n15, o#249/24, 2D, Near west coast of eastern Honshu

IDC 05 09:45:33.1-0.7, 3.55N; 126.59E, h0km, mb4.2/15, mbmp4.2/15, Error ellipse: s-maj=39.2km s-min=13.0km

DJA 05 09:45:37.9-2.2, 4.1N; 21.2x12.7E; 1.1, h10km, M4.2/7, mb4.4/41, MLV4.1/7

NEIC 05 09:45:40.8-2.1, 3.54N; 0.09x126.73E; 0.09, h52km, 7km, mb4.5/30, Error ellipse: s-maj=15.0km s-min=10.3km

ISC 05 09:45:39.0-0.4, 3.55N; 0.05x126.79E; 0.09, h48km, n59, o#133/61, mb4.4/28, Talau Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KSR5, CMAR, ILAR, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ZALV, LBZ, KURB, etc.

UCR 05 09:57:34.6-0.3, 8.29N; 83.01W, h5km, 5km, MW3.9, Presumed earthquake

CATAC 05 09:57:35.1-0.8, 8.2N; 5x8.3W; 1.1, h5km, 1km, M3.3/9, MLV3.3/9, Error ellipse: s-maj=10.1km s-min=5.1km

UPA 05 09:57:35.5-1.1, 8.31N; 82.95W, h16km, 4km, MW3.7, Presumed earthquake

ISC 05 09:57:35.8-0.8, 8.30N; 0.03x82.98W; 0.02, h16km, 7km, n38, o#129/52, 2C, Panama-Costa Rica border region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PTPM, PTPM, PTPA, etc.

GUC 05 09:58:18.3-0.7, 21.00S; 68.00W, h182km, 6km, ML3.5

SCB 05 09:58:18.0-1.4, 21.07S; 67.84W, h152km, 20km, ML3.7/2, Error ellipse: s-maj=7.2km s-min=5.1km az=1.0

ISC 05 09:58:17.0-1.8, 21.02S; 0.04x67.92W; 0.07, h178km, 17km, n29, o#112/42, 7C-3D, Chile-Bolivia border region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PB08, PB08, PB09, etc.

Table with columns: DZM, Mont Dzumac, 5.3nm, 0.3s, baz=85, slow=8.6, SNR=120, Pn, Pn, 11 59 47.0 -0.2, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like BSO1, BSO3, BSO4, etc.

JMA 05 12:06:43.7±0.6, 43.64N; 147.14E, h0km, mb4.1/24, mbmp4.0/32, ML3.5/8, MS3.2/16, Error ellipse: s-maj=15.9km s-min=11.1km az=158.0, SKHL 05 12:06:48.0±0.3, 43.40N; 147.20E, h48km, 7km, mb5.6/5 SKHL Felt (III-IV) at Malokuril'skoe. MOS 05 12:06:48.9±1.0, 43.51N; 147.09E, h55km, mb4.7/24, Error ellipse: s-maj=6.8km s-min=6.5km az=111.8 MOS Felt (III-IV) at Malokuril'skoe. NIED 05 12:06:49.8, 43.57N; 147.00E, h37km, MW4.2, Moment Tensor Solution, s3 Moment tensor. Scale 10^15Nm; Mn:0.68; Mw:0.84; Mo:1.51; Mr:1.79; Ms:0.80; Mv:0.45; Fault plane solution: Mo2.38000x10^15 NP1; 0±162.00000°, 84.00000°, λ17.00000°. NP2: 0±58.00000°, 87.90000°, λ129.00000°. JMA 05 12:06:49.8±0.3, 43.6N; 09:14:17E, h37km, MD4.0/40, MV4.5/40, E OFF HOKKAIDO. JMA Felt I J1 at E OFF HOKKAIDO. GFZ 05 12:06:50.7±0.6, 44.14N; 147.7E, h54km, 6km, M4.2/13, mb4.8/13, Error ellipse: s-maj=14.7km s-min=6.4km az=119.6, confirmed. NEIC 05 12:06:51.6±0.8, 43.63N; 09:14:07E, h52km, 8km, mb4.5/85, Error ellipse: s-maj=15.0km s-min=11.6km az=119.0. ISC 05 12:06:50.1±0.8, 43.56N; 05:147:11E, h46km, 7km, m253, 0±16/239, mb4.5/94, MS3.4/9, 11C-7D, Kuril Islands.

Main table with columns: SHO, Shikotan, 0.37 327 eP, Pn, Pn, 12 07 14.4 +15, etc. Includes stations like SHO, NEMU, YUZH, etc.

Table with columns: PSTR, Posyet, 11.96 271 ePn, Pn, 12 09 41.8 +4.1, etc. Includes stations like KULDR, KUDUR, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like DALY, FETY, AKAS, BDRM, etc.

IDC 05 13:02:30.3, 1.2, 62.07S, 57.44W, h0km, mb3.9/5, mbmp=3.9/5, MS3.3/5, Error ellipse: s-maj=54.9km s-min=25.7km az=73.0

ISC 05 13:02:31.6, 1.0, 62.15S, 02.575W, 0.3, h10km, n17, +13377, mb3.8/4, MS3.2/5, South Shetland Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PMSA, SNA, PLCA, GSPA, Vnda, etc.

KRSC 05 13:14:43.7, 0.7, 58.92N, 158.75E, h8km, 5km, ML4.0 NERS 05 13:14:55.0, 58.96N, 158.08E, h33km

ISC 05 13:14:44.0, 0.9, 58.90N, 05.158E, 0.04, h10km, n9, +2524/15, Kamchatka Peninsula

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PALN, TIGL, OSSR, GADL, etc.

IDC 05 13:21:06.7, 0.6, 36.88S, 52.38E, h0km, mb4.1/18, mbmp=4.1/19, ML4.9/1, MS3.7/30, Error ellipse: s-maj=21.4km s-min=11.8km az=68.0

NEIC 05 13:21:08.0, 1.7, 36.8S, 0.152E, 0.1, h10km, 1km, mb4.6/11, Error ellipse: s-maj=21.3km s-min=16.0km az=24.0

GCMT 05 13:21:11.0, 0.3, 36.83S, 02.52E, 0.02, h2km, 1km, MW4.9/5, Moment Tensor Solution, s33=38, s95=c128; Duration: 0 Moment Tensor: Scale 10^16Nm; Mrr=0.08; 12; Mss=0.65; 09; Mtt=0.56; 11; Mtr=0.40; 18; Mtr=0.8; 12; Mtr=0.7; 21; Best double couple: M=2.920200e1016

NP1: 0.6, 0.0000, 882.00000, 1.178, 0.00000. NP2: 0.9, 0.00000, 888.00000, 1.8, 0.00000. Principal axes: T: 2.9580, P: 7.0000, Azm3: 2.8470, N: -0.1120, Plg82.0000, Azm1: 10.0000, P: -2.8470, Plg4.0000, Azm231.0000, nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 05 13:21:08.0, 0.5, 36.89S, 008.52E, 0.1, h10km, n68, +0959/38, mb4.2/23, MS3.8/30, 1C, Southeast Indian Ridge

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like H04N1, H04N2, H04N3, FOMA, OPO, etc.

ISC 05 13:21:08.0, 0.5, 36.89S, 008.52E, 0.1, h10km, n68, +0959/38, mb4.2/23, MS3.8/30, 1C, Southeast Indian Ridge

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MAW, MAW, MAW, MAW, MAW, etc.

ISC 05 13:21:08.0, 0.5, 36.89S, 008.52E, 0.1, h10km, n68, +0959/38, mb4.2/23, MS3.8/30, 1C, Southeast Indian Ridge

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BRDH, CMAR, CHTO, STKA, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GERES, GERES Array B, GERES Array A, etc.

PRE 05 13:23:53.4, 1.2, 25.92S, 28.08E, h5km, ML1.6, Presumed earthquake, South Africa

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like HRAO, BOSA, BOSA, SUR, MATP, etc.

KRNET 05 13:33:47.2, 0.1, 41.36N, 71.86E, h23km, mb2.3 ISU 05 13:33:47.4, 1.39N, 71.86E, h15km

SOME 05 13:33:48.7, 4.1, 53N, 71.83E, h5km NNC 05 13:33:49.9, 4.1, 41.47N, 71.83E, h0km, mb2.7, mpv2.5, Error ellipse: s-maj=14.5km s-min=4.4km az=70.0

ISC 05 13:33:47.1, 1.2, 41.37N, 0.03, 71.88E, 0.02, h6km, 11km, n19, +0878/35, 15C-4D, Kyrgyzstan

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ARK, TRKS, ARSB, etc.

SOME 05 13:39:55.6, 4.2, 15N, 81.10E, h15km NNC 05 13:39:57.3, 1.2, 42.13N, 80.95E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=8.9km s-min=5.9km az=160.0

KRNET 05 13:40:00.1, 0.1, 42.39N, 80.93E, mb3.2 ISU 05 13:39:59.2, 7.2, 42.11N, 0.08, 80.87E, 0.09, h17km, 11km, n36, +2059/17, 16C-2D, Kyrgyzstan-Xinjiang border

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SHLS, SHLS, SHLS, etc.

Table with columns: ARXS, eS, Sg, 14.19 02.6 +1.0, 6.8nm, 0.4s, PDGK, Podgornoye, 5.67 195 fLg, Lg, 14.19 19.8

UCR 05 14:32:19.0.4, 8.32N-83.01W, h6km, 2km, MW4.3, Presumed earthquake
UPA 05 14:32:19.9.1.9, 8.34N-83.00W, h5km, 5km, MW4.0, Presumed earthquake
CATAC 05 14:32:22.5.0.3, 9.1N-3.8*3W, h10km, 3km, 8.1/7, ML3.8/17, Error ellipse: s-maj=6.5km s-min=3.0km az=14.7, confirmed

ISC 05 14:32:20.2.0.9, 8.36N-83.01W:0.02, h12km, 8km, n72, c1903/99, 2C-4D, Costa Rica

Main table for Costa Rica region with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC

AZER 05 14:32:48.0, 41.79N-46.23E, h6km, ml2.2
MOS 05 14:32:51.0, 41.89N-46.34E, h2km, MPVA3.4
NORS 05 14:32:51.4, 41.89N-46.27E, h8km, MPVA3.1
DRS 05 14:32:52.2, 41.86N-46.27E, h2km

ISC 05 14:32:51.9, 1.2, 41.86N-0.02, 46.25E:0.04, h21km, 3km, n26, c1959/50, Eastern Caucasus

Main table for Eastern Caucasus region with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC

Table for Kuril Islands region with columns: SgKR, Sergokala, 1.21 60 ePg, Pb, 14.33 13.8 -0.2, SgKR, Ganja, 1.21 177 P, S, 14.33 12.4 -1.3, GNC, Dubki, 1.24 20 ePg, S, 14.33 28.8 -0.7, etc.

KRSC 05 14:40:45.0, 1.3, 50.74N-158.60E, h49km, 22km, M4.6
MOS 05 14:40:48.3, 1.0, 50.87N-158.33E, h63km, mb4.6/3, Error ellipse: s-maj=14.2km s-min=4.1km az=87.9

IDC 05 14:40:52.3, 2.5, 50.92N-158.09E, h75km, 20km, mb3.3/11, mbtmp3.6/13, Error ellipse: s-maj=25.6km s-min=16.6km az=117.0

ISC 05 14:40:48.0, 1.4, 50.79N-158.07E:0.07, 158.43E:0.06, h42km, 13km, n81, c1919/90, mb3.8/13, 2C-2D, East of Kuril Islands

Main table for East of Kuril Islands region with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC

MOS 05 15:02:32.2, 0.8, 49.04N:155.92E, h79km, mb4.2/9, Error ellipse: s-maj=16.9km s-min=4.5km az=80.5

KRSC 05 15:02:35.0, 1.9, 49.34N:155.90E, h16km, 31km, M4.4
IDC 05 15:02:40.6, 2.9, 49.47N:155.95E, h88km, 21km, mb3.5/12, mbtmp3.8/16, Error ellipse: s-maj=27.2km s-min=14.4km az=153.0

ISC 05 15:02:35.6, 0.8, 49.26N:0.09, 156.04E:0.08, h54km, n76, c1972/85, mb4.0/18, 2C-5D, SKR Islands

Main table for SKR Islands region with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC

Table for Costa Rica region with columns: OBN, comp=Z, 3.0nm, 0.6s, pmax, pmax, VSU, Vasula, 64.19 334j eP, P, 14.51 15.0 -2.8, etc.

UCR 05 14:59:13.6, 0.7, 8.34N-83.00W, h6km, 6km, MW4.0, Presumed earthquake
UPA 05 14:59:13.2, 1.1, 8.32N-82.98W:0.02, h16km, 10km, n44, c096/58, 2C-7D, Panama-Costa Rica border region

ISC 05 14:59:13.2, 1.1, 8.32N-82.98W:0.02, h16km, 10km, n44, c096/58, 2C-7D, Panama-Costa Rica border region

Main table for Panama-Costa Rica border region with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC

MOS 05 15:02:32.2, 0.8, 49.04N:155.92E, h79km, mb4.2/9, Error ellipse: s-maj=16.9km s-min=4.5km az=80.5

KRSC 05 15:02:35.0, 1.9, 49.34N:155.90E, h16km, 31km, M4.4
IDC 05 15:02:40.6, 2.9, 49.47N:155.95E, h88km, 21km, mb3.5/12, mbtmp3.8/16, Error ellipse: s-maj=27.2km s-min=14.4km az=153.0

ISC 05 15:02:35.6, 0.8, 49.26N:0.09, 156.04E:0.08, h54km, n76, c1972/85, mb4.0/18, 2C-5D, SKR Islands

Main table for SKR Islands region with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC

5d 16h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KRER Koryakskii, SDLR Sedlovina, KRX Arik, SPN Mys Shipunski, GNL Ganaly, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KSRs KLR, ILAR Eielson Array, WRA Warramunga Arr, IDC 05 15:25:00.1, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BSO1 Boso 1, BSO3 Boso 3, BSO4 Boso 4, Katsura, JSMT Sammumatsu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like APG, SLO, MTJD, PAYG, SDV, GDBV, SOR, CMIG, CMIG, ATAH, CELP, CELP, SEJG, SEJG, TDBA, BOAV, NATX, LCAR, FCAR, MDP, PDAR, ULM, NVAR, PLCA, YKA, RES, ILAR, ILAR, PZH.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like NTWZ, NTWZ, KRVZ, KRVZ, TMVZ, TMVZ, TUHS, TUHS, ETVZ, ETVZ, BKZ, BKZ, WTVZ, WTVZ, OTVZ, OTVZ, TWVZ, TWVZ, NMHZ, NMHZ, RAHZ, RAHZ, MYRZ, MYRZ, SNVZ, SNVZ, NGVZ, NGVZ, RAHZ, RAHZ, HZ, HZ, HIZ, HIZ, HIZ, HIZ, COVZ, COVZ, TUWZ, TUWZ, FVWZ, FVWZ, MAVZ, MAVZ, MWZ, MWZ, WHVZ, WHVZ, WIZ, WIZ, TRVZ, TRVZ, WNVZ, WNVZ, KWHZ, KWHZ, KWHZ, KWHZ, MOVZ, MOVZ, MOVZ, MOVZ, WIZ, WIZ, PKVZ, PKVZ, ARHZ, ARHZ, BHHZ, BHHZ, BHHZ, BHHZ, MVTZ, MVTZ, MCHZ, MCHZ, RUGZ, RUGZ, RIGZ, RIGZ, RIGZ, RIGZ, TKGZ, TKGZ, VRZ, VRZ, KRHZ, KRHZ, HAZ, HAZ, MKAZ, MKAZ, KNZ, KNZ, TWGZ, TWGZ, PRGZ, PRGZ, CKHZ, CKHZ, PKHZ, PKHZ, KAHZ, KAHZ, ETAZ, ETAZ, MHZ, MHZ, CNZ, CNZ, CNZ, CNZ, MHGZ, MHGZ, PNHZ, PNHZ, WIAZ, WIAZ, PUAZ, PUAZ, AWAZ, AWAZ, WAZ, WAZ, DREZ, DREZ, EPZ, EPZ, TSZ, TSZ, MBAZ, MBAZ, LREZ, LREZ, WPHZ, WPHZ, HBAZ, HBAZ, WTAZ, WTAZ, PXZ, PXZ, PXZ, PXZ, WNGZ, WNGZ, MXZ, MXZ, PREZ, PREZ, NEZ, NEZ, PKE, PKE, RVAZ, RVAZ, RVAZ, RVAZ, KHEZ, KHEZ, ABZ, ABZ, DVHZ, DVHZ, PRHZ, PRHZ, PRHZ, PRHZ, NBEZ, NBEZ, OHWZ, OHWZ, GRZ, GRZ, GRZ, GRZ, POWZ, POWZ, ANWZ, ANWZ.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like ANWZ, ANWZ, PRWZ, PRWZ, PRWZ, PRWZ, BFZ, BFZ, BFZ, BFZ, MRZ, MRZ, MRZ, MRZ, TIWZ, TIWZ, TIWZ, TIWZ, CPWZ, CPWZ, CPWZ, CPWZ, OGWZ, OGWZ, OGWZ, OGWZ, HOWZ, HOWZ, HOWZ, HOWZ, WCZ, WCZ, WCZ, WCZ, KIW, KIW, KIW, KIW, MTW, MTW, MTW, MTW, CAW, CAW, CAW, CAW, DUWZ, DUWZ, DUWZ, DUWZ, TRWZ, TRWZ, TRWZ, TRWZ, PAWZ, PAWZ, PAWZ, PAWZ, WEL, WEL, WEL, WEL, MSWZ, MSWZ, MSWZ, MSWZ, SNZO, SNZO, SNZO, SNZO, TORY, TORY, TORY, TORY, PLWZ, PLWZ, PLWZ, PLWZ, TUWZ, TUWZ, TUWZ, TUWZ, NNZ, NNZ, NNZ, NNZ, OUZ, OUZ, OUZ, OUZ, CMWZ, CMWZ, CMWZ, CMWZ, ORZ, ORZ, ORZ, ORZ, ORZ, ORZ, ORZ, ORZ, BSWZ, BSWZ, BSWZ, BSWZ, MRNZ, MRNZ, MRNZ, MRNZ, THZ, THZ, THZ, THZ, KHZ, KHZ, KHZ, KHZ, KHZ, KHZ, KHZ, KHZ, DSZ, DSZ, DSZ, DSZ, GVZ, GVZ, GVZ, GVZ, LTZ, LTZ, LTZ, LTZ, AMCZ, AMCZ, AMCZ, AMCZ, INZ, INZ, INZ, INZ, OKCZ, OKCZ, OKCZ, OKCZ, OXFZ, OXFZ, OXFZ, OXFZ, MCQZ, MCQZ, MCQZ, MCQZ, AKCZ, AKCZ, AKCZ, AKCZ, RACZ, RACZ, RACZ, RACZ, MHZ, MHZ, MHZ, MHZ, WVZ, WVZ, WVZ, WVZ, WACZ, WACZ, WACZ, WACZ, RPZ, RPZ, RPZ, RPZ, RPZ, RPZ, RPZ, RPZ, GCZS, GCZS, GCZS, GCZS, ARZCZ, ARZCZ, ARZCZ, ARZCZ, FZ, FZ, FZ, FZ, TMZ, TMZ, TMZ, TMZ, LBZ, LBZ, LBZ, LBZ, CTZ, CTZ, CTZ, CTZ, ODZ, ODZ, ODZ, ODZ, ODZ, ODZ, ODZ, ODZ, JCDZ, JCDZ, JCDZ, JCDZ, WKZ, WKZ, WKZ, WKZ, EAZ, EAZ, EAZ, EAZ, HHSZ, HHSZ, HHSZ, HHSZ, TUZ, TUZ, TUZ, TUZ, SVZ, SVZ, SVZ, SVZ, PYZ, PYZ, PYZ, PYZ, ASAR, ASAR, ASAR, ASAR.

IDC 05 16:40:35.8, 1.4, 37.61'Sx176.66E, h0km, mb3.9/5, mbtmp3.9/5, Error ellipse: s-maj=46.6km s-min=24.2km az=46.0

NOU 05 16:40:57.2, 38.37'S, 175.97E, h184km, MLV4.7/20, North Island, New Zealand

WEL 05 16:40:58.6, 1.0, 38.5, 17.6E, 1.0, h168km, 7km, MA, 3/116, ML2.9/12, MLV4.3/116, Error ellipse: s-maj=13.5km s-min=9.9km az=89.6, confirmed

ISC 05 16:40:55.8, 0.9, 38.27'S, 176.14E, 0.05, h201km, 6km, n196, s1519/195, mb3.6/6, North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like GALATOS, HOSSACK, UTHINA, HANDCOCK, HIGHLANDS, NGONGOTAHA, KAHAROA, MOUNT TARAWERA, KAHAU ROAD, POIHIPI, WHAKAORA, KAIMAI, TOLLEY ROAD, EDGECUMBE, MANAWAHE, MURUPARA, WAIRARA, TAURANGA, MATEA RD, RANGITUKUA, TAHUROA ROAD, RIHIA ROAD, RUATAHUNA, UREWERA, UREWERA, UREWERA, WHALE ISLAND, KAKARAMEA, MAUNGATANIWA.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like VERAROAD, TE KAHU, MOUMAKAI, KOKOHO, TAUHAREPARAE, PARITU ROAD, CAPE KIDNAPPER, PAKIHIROA, KAHURANAKI, EAST TAMAKI RE, MANGAHEWA, CARNAGH STATION, MAHIA PENINSUL, PUKENUI, WAIHEKE ISLAND, PUKETITI, AWHIU PENINSUL, WANGANUI, DURHAM ROAD, EDEN PARK BICE, TAKAPARI ROAD, MOTUTAPU NORTH, LAKE ROTOKARE, WAIPIKURAU, HERNE BAY BORE, WAIATARUA, PAWANUI, WAIOMATINI S, MATAKAOA POINT, PALMER ROAD, NORTH EGMONT, PUKETITI, RIVERHEAD BORE, KAHUI HUT, KAHUI BAY, DANNEVIRKE, PORANGAHAU, NEWALL ROAD, OHAKEA, GREAT BARRIER, NAMU ROAD, POST OFFICE ROAD, ANGORA ROAD.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like PORI ROAD, BIRCH FARM, BIRCH FARM, MANGATAINOKA R, TINTOCK, CASTLEPOINT, OTAKI GORGE, HOLDSWORTH STA, WAIPI CAVES, KAIPI ISLAND, MOUNT MORRISON, CANNON POINT, D'URVILLE ISLA, TRAVELLER, PARUWAI FARM, WELLINGTON, MOIKAU STATION, SOUTH KARORI, SOUTH KARORI, TOLLY CHANNEL, PALISSER, TUAMARINA, NELSON, OMAHUTA, OMAHUTA, CAPE CAMPBELL, QUARTZ RANGE, QUARTZ RANGE, QUARTZ RANGE, BLACKBIRCH STA, MATARIKI TERRA, TOPOHUE, KAHUTARA, KAHUTARA, DENNINGTON NORT, GRETA VALLEY S, LAKE TAYLOR, AMBERLEY, INCHBURN, OKAINIS BAY, OXFORD, MCQUEEN'S VALL, AKAROHA HARBOUR, RAKAIA, MOUKAITI, MHCC, WAIHATA VALLEY, WAKANUI SOUTH, RATA PEAKS, RATA PEAKS, GAUNT CREEK BO, ARUNDEL, FOX GLACIER, TIMARU, LAKE BENMORE, CHATHAM ISLAND, CHATHAM ISLAND, OTAHUA DOWNS, OTAHUA DOWNS, JACKSON BAY, WANAKA, EARNSCLEUGH, HIGHCUTT HILL, TUPEKA, SCRUBBY HILL, PASO FLORES, ALICE SPRINGS, ALICE SPRINGS, VANDA, WARRAMUNGA ARR, WARRAMUNGA ARR, WARRAMUNGA ARR, SOUTH POLE QUI, SOUTH POLE QUI, MAW MAWSON, GORNY, FINES FINES ARR B, FINES FINES ARR B.

IDC 05 16:43:18.6, 0.6, 50.86'N, 135.10E, h0km, mb3.7/11, mbtmp3.7/21, ML3.4/7, MS2.6/1, Error ellipse: s-maj=13.1km s-min=9.0km az=119.0 MOS 16:43:18.5, 1.4, 50.97'N, 134.92E, h9km, mb4.3/7, Error ellipse: s-maj=11.5km s-min=6.3km az=99.1 SKHL 05 16:43:20.7, 0.5, 51.00'N, 134.80E, h8km, mb4.5/5 ISC 05 16:43:19.5, 0.5, 50.92'N, 134.99E, 0.03, h3km, 5km, n58, s1572/175, mb3.9/15, 2C-6D, Southeastern Siberia Code Station Name Az Phase ID Time Res ISC GRNR Gornyy 0.92 99.1/P Pmax Pmax comp=N, 170nm, 0.3s

5d 19h

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ISC 05 18:33:25.0+0.9, 21.28S; 0.03:68.94W, 0.07, h122km, gkm, n35, c091/54, SC, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the 5d 19h period.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the 5d 19h period.

Table with columns: YAR, YAR, 2.17, 3, eP, P, 19 03 32.9 +1.0. Lists seismic stations and their recorded data for the 5d 19h period.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the 5d 19h period.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the 5d 19h period.

NEIC 05 18:43:52.2+1.7, 20.9S; 0.1:178.3W; 0.1, h556km, 7km, mb4.2/36, Error ellipse: s-maj=18.6km s-min=15.3km az=118.0

IDC 05 18:43:54.7+1.9, 20.75S; 178.59W, h579km, 18km, mb3.2/10, mbtmp4.1/12, Error ellipse: s-maj=24.4km s-min=18.5km az=113.0

ISC 05 18:43:52.0+0.7, 20.86S; 0.08:178.30W; 0.08, h563km, gkm, n71, c1137/6, mb4.0/25, 4d, Fiji Islands region

JSN 05 19:02:55.6+0.6, 17.89N; 76.54W, h15km, 5km, MD2.7, Confirmed Earthquake

SSNC 05 19:02:57.1+1.9, 18.08N; 76.58W, h12km, 11km, MD3.2, ML2.3, MW3.3, Presumed earthquake

ISC 05 19:02:52.5+1.3, 18.19N; 0.05:76.47W; 0.04, h10km, 11km, n20, c1942/39, 4C-2D, Jamaica region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the 5d 19h period.

IDC 05 19:34:05.6+2.6, 5.23S; 135.72E, h0km, mb3.3/1, mbtmp3.2/4, ML2.3, Error ellipse: s-maj=70.3km s-min=24.3km az=86.0, Irian Jaya region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the 5d 19h period.

IDC 05 19:47:25.0+1.5, 15.74S; 177.94W, h447km, 17km, mb3.3/9, mbtmp4.1/12, Error ellipse: s-maj=27.4km s-min=15.1km az=157.0

ISC 05 19:47:25.1+0.7, 15.8S; 0.2:177.9W; 0.1, h450km, n12, c1808/12, mb3.7/9, Fiji Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the 5d 19h period.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHIAI, SANGUANG, DATONG TOWNSHI, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H11S1 WAKE ISLAND Hy 27.36, H11N1 WAKE ISLAND Hy 28.57, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRSC 05 21:32:07.8, 2.0, 49'41N, 158'53E, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KTR Severo-Kuril's, PAU Pauzhetka, KDR Khodutka, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CICIP Calayan Island, PACPP Pamplona Cagay, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UCR 05 22:24:46.7, 0.7, 8'26N, 82'96W, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KKNTU Kakinté, KKNTU La Lucha 2, etc.

Station information and coordinates: IDC 05 22:27:06.7, 1.7, 2:49N, 128:44E, h22km, 16km, mb3.5/19, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TNTI Ternate, TNTI Ternate, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FAKI Fak Fak, FAKI Fak Fak, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, QIS Mount Isa, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BBOO Buckleboo, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HNR Honiara, HNR Honiara, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PTPM Petroterminal, PTPM Petro Terminal, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EVN Hallar Array, HILR Hallar Array, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes entries for MAW, KURBB, and TORO.

IDC 05:23:29.26:4.1.6, 15.19N; 121.17E, h0km, mb3.4/5, mbmp3.4/5, Error ellipse: s-maj=72.2km s-min=22.1km az=56.0

MAN 05:23:29.30.0, 14.37N; 119.31E, h25km, MS3.2, ISC 05:23:29.9:1.3, 14.22N; 02:119.29E; 0.09, h10km, n8, c053/8, mb3.4/4, Luzon

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes entries for TIRP, LQP, CAAP, CMAR, WRA, ASAR, KURBB, and BVAR.

UCR 05:23:54:31.3:0.6, 8.32N; 82.95W, h13km, 8km, MW4.1, Presumed earthquake

UPA 05:23:54:31.5:1.0, 8.35N; 82.90W, h10km, 2km, MW4.0, Fault plane solution: N1°P137.0000°, δ38.0000°, 1.58.0000°, Presumed earthquake

ISC 05:23:54.31.0, 0.9, 8.35N; 0.03, 82.93W, 0.02, h16km, 7km, n46, c054/64, 3C-12D, Panama-Costa Rica border region

Large table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes entries for PTPM, PTPA, LMNES, NELY, NELY, NELY, FITO, PIRO, PIRO, PIRO, JIMR, MLRE, MLR3, VITO, VITO, DVD, DVD, CLLR, CLLR, BRU2, BRU2, LOMA, LOMA, CHIR, CHIR, BOTL, BOTL, BOTL, BOTL, BQSF, BQSF, LNB0, LNB0, EDP2, RBALA, RBALA, RBALA, CHGR, CHGR, EDPE, CN12, KNKTU, KNKTU, CEUA, PIEC, LCR2, LCR2, LCR2, VERB, GMAL, ABRB, SAFE3, CVTO, WTR0, CVTR, CACAO, AZU0, AZU0, AZU0.

OSPL 06:00:05:32.2:1.0, 17.44N; 71.60W, h6km, 7km, ML1.9, MW2.8, Presumed earthquake

SDD 06:00:05:31.8:1.9, 17.62N; 71.55W, h25km, 8km, MD3.3, ML1.9, MW2.0, 8C, Presumed earthquake, Dominican Republic region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes entries for LOVI, LOBH, LOBH, PODR, PODR, LODOU, LODOU, JIDR, JIDR, LONE3, SDDR, SDDR, ABRD, ABRD, REDR, REDR.

IDC 06:00:09:29.1:5.4, 16.34S; 176.09W, h0km, mb4.3/3, mbmp4.3/3, Error ellipse: s-maj=174.7km

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes entries for H1S2, H1S3, H1S1, H1N3, H1N1, H1N2, STKA, WRA, ASAR, ASAR.

MOS 06:00:21:08.5:1.0, 17.0N; 126.51E, h30km, mb6.1/84, MS5.4/50, Error ellipse: s-maj=6.5km s-min=3.7km az=112.1

GFZ 06:00:21:08.2, 17.4N; 126.59E, h33km, Mw5.9/104, Moment Tensor Solution. Moment tensor: Scale 1017Nm; M1: 7.73; M2: -3.95; M3: -3.79; M4: -3.14; M5: -2.79; M6: -1.23; Fault plane solution: Mb: 0.0367x1017 NP1: φ=39.33747°, δ33.66566°, λ77.46993°. NP2: φ=234.28831°, δ57.23855°, λ98.22239°. Principal axes: T: 8.5479, P: 176.2064, Azm169.3850; N: 1.2312, P: 6.9075, Azm49.8171; S: -7.3167, P: 111.8804, Azm31.83567; B: 1.1065, P: 6.6394, Azm-94.576, S: 1.9, 0.9, 0.6, 6s

NEIC 06:00:21:10.8, 1.67N; 126.56E, h30km, Mw5.9/196, Ms 20.5, 8.6/14, Mw5.9/18, Error ellipse: s-maj=9.8km s-min=6.8km az=25.0

IDC 06:00:21:10.0:1.1, 1.60N; 126.51E, h26km, 6km, mb5.5/36, mbmp5.6/38, ML5.5/2, MS5.2/46, Error ellipse: s-maj=11.8km s-min=5.3km az=80.0

PTWC 06:00:21:11, 1.50N; 126.60E, h10km, Mw5.6/78, GCMT 06:00:21:12.8:0.1, 1.97N; 126.43E, h37km, MW6.0/172, Moment Tensor Solution. s172.c392; s163.c515; Duration: 2.4; Moment tensor: Scale 1019Nm; M1: 0.96; M2: 0.96; M3: 0.38; M4: 0.38; M5: 0.61; M6: 0.37; M7: 0.40; M8: 0.40; M9: 0.40; M10: 0.40; M11: 0.40; M12: 0.40; M13: 0.40; M14: 0.40; M15: 0.40; M16: 0.40; M17: 0.40; M18: 0.40; M19: 0.40; M20: 0.40; M21: 0.40; M22: 0.40; M23: 0.40; M24: 0.40; M25: 0.40; M26: 0.40; M27: 0.40; M28: 0.40; M29: 0.40; M30: 0.40; M31: 0.40; M32: 0.40; M33: 0.40; M34: 0.40; M35: 0.40; M36: 0.40; M37: 0.40; M38: 0.40; M39: 0.40; M40: 0.40; M41: 0.40; M42: 0.40; M43: 0.40; M44: 0.40; M45: 0.40; M46: 0.40; M47: 0.40; M48: 0.40; M49: 0.40; M50: 0.40; M51: 0.40; M52: 0.40; M53: 0.40; M54: 0.40; M55: 0.40; M56: 0.40; M57: 0.40; M58: 0.40; M59: 0.40; M60: 0.40; M61: 0.40; M62: 0.40; M63: 0.40; M64: 0.40; M65: 0.40; M66: 0.40; M67: 0.40; M68: 0.40; M69: 0.40; M70: 0.40; M71: 0.40; M72: 0.40; M73: 0.40; M74: 0.40; 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Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Palembang, Suanglung, Warramunga Arr, Kota Tinggi, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Kulim, Keravat, Alice Springs, St Phillip's, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like GYA, BSI, JNU, CM31, etc.

Table with columns: Station, Name, Frequency, Band, Mode, Power, etc. Includes stations like 627k Edge Creek, BCAR Beaver Creek, KMBQ Kilima Mbo, etc.

Table with columns: Station, Name, Frequency, Band, Mode, Power, etc. Includes stations like ARCES ARCESS Array B, SGF Sodankylä, S31K Pelican, etc.

Table with columns: Station, Name, Frequency, Band, Mode, Power, etc. Includes stations like SORM Soroca, TLRC Leova, EImali, etc.

ARCR	ARCALIA	97.07 318	↑P	P	00 34 39.4	0.0
ARR	Arges	97.17 316	↓P	P	00 34 40.0	-0.1
ARR	Arges	97.17 316	↓P	P	00 34 40.2	0.0
comp=Z,461nmcomp=Z,16nm,1.5s,comp=Z,461nm						
CHOS	Chios Island	97.19 309	P	Pdf	00 34 44.7	+4.3
RDO	Rodhio	97.19 312	↑P	P	00 34 44.6	+4.3
MDB	Medias	97.21 317	↑P	Pdf	00 34 40.5	+0.3
MDB	Medias	97.21 317	↑P	Pdf	00 34 40.5	+0.3
MOR8	Moi Rana	97.25 338	eP	PP	00 34 38.7	-1.2
MOR8			eP	PP	00 38 34.5	-1.9
MOR8			eP	PP	00 45 42.7	-1.2
KDZ	Kurdzhali	97.26 312	P	Pdf	00 34 45.4	+4.8
SMTH	Samothraki Isl	97.29 311	P	Pdf	00 34 44.9	+4.1
RAUS	Rausandaksta	97.31 338	eP	P	00 34 38.1	-2.0
RAUS			eP	P	00 34 55.8	
comp=Z,854nm,3.2s						
RAUS			eP	PP	00 38 35.8	-0.9
RAUS			eP	PP	00 45 16.6	+2.5
RAUS			eP	PP	00 47 24.9	+2.8
RAUS			eP	PP	00 52 45.7	+6.9
RAUS			eP	PP	01 18 11.1	
comp=Z,11um,4.3s						
ZKR	Zakros	97.49 306	P	Pdf	00 34 46.1	+4.3
PLVB	Pleven	97.51 314	↑P	P	00 34 41.6	+0.1
BMR	Baia Mare	97.53 318	↑P	P	00 34 41.4	-0.1
BMR	Baia Mare	97.53 318	↑P	P	00 34 41.4	-0.1
BMR	Baia Mare	97.53 318	↑P	P	00 34 42.0	+0.3
comp=Z,98nmcomp=Z,97nm,1.2s,comp=Z,798nm						
VLAD	Vladia	97.56 315	↓P	Pdf	00 34 41.9	+0.1
PLD	Plovdiv	97.62 313	↓P	Pdf	00 34 46.8	+4.7
KONS	Konsvik	97.63 338	eP	Pdf	00 34 42.2	+0.6
KONS			eP	P	00 34 44.8	
comp=Z,928nm,4.0s						
KONS			eP	PP	00 38 40.1	+1.0
KONS			eP	PP	00 45 15.6	0.0
KONS			eP	PP	00 52 49.0	+5.8
KONS			eP	PP	01 13 27.2	
comp=Z,2um,4.6s						
LJA	Limnos Island	97.64 310	P	Pdf	00 34 46.6	+4.3
CJR	Cluj-Napoca	97.64 317	↓P	Pdf	00 34 42.4	+0.2
KWP	Kalwaria Pacia	97.67 317	↓P	Pdf	00 34 42.4	+0.2
RZN	Rozhen	97.70 312	P	Pdf	00 34 41.6	+3.9
RZN	Rozhen	97.70 312	P	Pdf	00 34 41.0	-1.7
RZN	Rozhen	97.70 312	eP	P	00 34 42.1	-0.6
LOT	Lotru	97.76 316	↓P	P	00 34 42.7	-0.1
LOT	Lotru	97.76 316	↓P	P	00 34 42.8	0.0
comp=Z,35nm,0.8s						
LEIR	Leirfjorden	97.78 338	eP	Pdf	00 34 43.1	+0.9
LEIR			eP	P	00 35 15.1	
comp=Z,907nm,3.8s						
LEIR			eP	PP	00 38 41.1	+0.8
LEIR			eP	PP	00 45 15.3	-1.1
LEIR			eP	PP	00 47 31.1	+4.0
LEIR			eP	PP	01 20 25.2	
comp=Z,1um,4.3s						
APE	Apeiranthos	97.78 308	P	Pdf	00 34 48.0	+5.0
THAS	Thassos Island	97.83 311	P	Pdf	00 34 47.1	+4.8
THAS	Thassos Island	97.83 311	P	Pdf	00 34 41.2	-2.1
THERA	Ancient Thera	97.92 307	P	Pdf	00 34 48.5	+4.9
THRA	Thira	97.95 307	P	Pdf	00 34 48.4	+4.7
SFR	Foira Santorin	97.95 307	P	Pdf	00 34 48.0	+4.2
NPS	Nesapoli	97.96 307	P	Pdf	00 34 47.5	+3.7
CMBO	Columbo, Santo	97.97 312	P	Pdf	00 34 47.7	+3.9
KAVA	Kavala	97.97 312	↓P	P	00 34 47.8	+4.0
MARR	Marisell-Cluj	97.97 317	↓P	P	00 34 43.4	-0.3
MESR	Messenai	98.00 318	↑P	P	00 34 43.6	-0.1
BBB	Bella Bella	98.04 37	P	Pdf	00 34 45.5	+1.8
comp=Z,516nmcomp=Z,516nm						
TRPA	Tarpa	98.08 319	P	Pdf	00 34 44.2	+0.2
comp=Z,21nm,1.1s						
KOLS	Kolonickie sed	98.09 320	P	Pdf	00 34 45.8	+1.7
comp=Z,160nm,0.8s,comp=Z,160nm						
UZHM	Uzhgori	98.14 319	P	Pdf	00 34 44.2	0.0
MPEP	Malopeshtene	98.15 314	eP	P	00 34 46.9	+2.4
CEI	Carei	98.22 319	↑P	P	00 34 44.0	0.0
CEI	Carei	98.22 319	↑P	P	00 34 44.6	0.0
DRGR		98.23 318	↓P	P	00 34 44.5	-0.3
DRGR		98.23 318	↓P	P	00 34 44.5	-0.3
DRGR		98.23 318	↓P	P	00 34 44.9	0.0
comp=Z,24nm,1.1s						
DEV	Deva	98.27 317	↑P	P	00 34 44.9	0.0
DEV	Deva	98.27 317	↑P	P	00 34 44.9	0.0
DEV	Deva	98.27 317	↑P	P	00 34 45.4	+0.5
comp=Z,28nm,1.2s						
BEL	Belsk	98.37 323	P	Pdf	00 34 46.3	+1.1
comp=Z,101umcomp=Z,5um,1.4s						
IACM	Heraklion	98.39 306	P	Pdf	00 34 49.9	+4.2
NVR	Neurokopi	98.40 312	P	Pdf	00 34 50.1	+4.4
NVR	Neurokopi	98.40 312	P	Pdf	00 34 44.1	-1.5
MMB	Musomishta	98.45 312	P	Pdf	00 34 50.5	+4.6
MMB	Musomishta	98.45 312	P	Pdf	00 34 44.6	-1.3
MMB	Musomishta	98.45 312	P	Pdf	00 34 45.5	-0.4
CZR	Gura Zlata	98.45 316	↓P	P	00 34 45.4	-0.4
CZR	Gura Zlata	98.45 316	↓P	P	00 34 45.4	-0.4
OUR	Ouranopolis	98.48 311	P	Pdf	00 34 51.0	+5.0
OUR	Ouranopolis	98.48 311	P	Pdf	00 34 44.5	-1.5
KARY	Karystos	98.50 309	P	Pdf	00 34 52.2	+6.0
LSZ	Lusaka	98.51 255	P	P	00 34 44.7	-2.1
LSZ			eP	P	00 34 50.1	
comp=Z,36nm,1.4s						
LSZ	Lusaka	98.51 255	P	P	00 34 44.7	-2.1
LSZ			eP	P	00 34 50.1	
comp=Z,36nm,1.4s						
LSZ	Lusaka	98.51 255	P	P	00 34 47.1	+0.3
comp=Z,21nm,1.6s						
PLNA	Plana	98.53 313	eP	Pdf	00 34 46.6	+0.3
IDS	Idios	98.54 306	P	Pdf	00 34 52.0	+5.6
VTS	Vitosha	98.54 313	eP	Pdf	00 34 50.0	-1.9
VTS	Vitosha	98.54 313	eP	Pdf	00 34 45.7	+0.8
SIVA	Sivas	98.64 306	P	Pdf	00 34 52.3	+5.5
RMGR	Halanga-Turnu	98.65 316	↓P	P	00 34 46.8	+0.2
KYMI	Kymi, Euboea I	98.67 309	P	Pdf	00 34 52.3	+5.4
MHLO	Agia Marina, I	98.73 307	P	Pdf	00 34 53.2	+6.0
AOS	Alonissos	98.75 310	P	Pdf	00 34 52.8	+5.5
PAIG	Paliouri	98.78 311	P	Pdf	00 34 53.7	+6.4
PAIG	Paliouri	98.78 311	P	Pdf	00 34 45.6	-1.7
PAIG	Paliouri	98.78 311	P	Pdf	00 34 46.4	-0.9
comp=Z,19nm,0.9s						
BORS	Bors	98.79 318	↓P	P	00 34 48.1	+0.9
HERR	Herculanee	98.80 316	↓P	P	00 34 47.1	-0.3
NSS	Namсос	98.83 337	eP	P	00 34 45.8	-1.1
NSS			eP	P	00 45 15.3	
comp=Z,739nm,4.2s						
NSS			eP	PP	00 45 23.1	+1.3
NSS			eP	PP	00 47 40.0	+1.4
NSS			eP	PP	01 17 39.4	
comp=Z,2um,4.5s						
KKB	Krupnik	98.86 313	P	Pdf	00 34 52.8	+5.1
KKB	Krupnik	98.86 313	P	Pdf	00 34 46.1	-1.6
KOH	Sokhos	98.87 312	P	P	00 34 46.6	-1.2
comp=Z,431nmcomp=Z,13nm,1.3s,comp=Z,431nm						
PLG	Polygyros	98.88 311	P	P	00 34 45.8	-2.0
ABAH	Abaujker	98.89 319	P	P	00 34 48.1	+0.5
comp=Z,19nm,1.0s						
PEHC	Peticevo	99.04 313	iP	Pdf	00 34 49.6	+1.0
HORT	Hortiatias	99.10 311	P	Pdf	00 34 47.5	-1.4
comp=Z,11nm,0.7s						
KNT	Kendrikon	99.15 312	P	Pdf	00 34 50.1	+1.1
KNT	Kendrikon	99.15 312	P	Pdf	00 34 51.0	+2.0
comp=Z,355nmcomp=Z,355nm						
BZS	Buzias	99.21 317	↓P	Pdf	00 34 48.6	-0.5
BZS	Buzias	99.21 317	↓P	Pdf	00 34 48.6	-0.5
BZS	Buzias	99.21 317	↓P	Pdf	00 34 49.0	-0.1
comp=Z,10nm,1.1s						
NEO	Neokhori	99.23 310	P	Pdf	00 34 46.8	-2.7
XOR	Xorichti	99.24 310	P	Pdf	00 34 46.8	-2.7
XOR	Xorichti	99.24 310	P	Pdf	00 34 48.3	-1.2
comp=Z,18nm,1.5s						
DAG	Danmarks Havn	99.25 352	P	Pdf	00 34 48.3	-0.3
DAG	Danmarks Havn	99.25 352	P	Pdf	00 34 46.9	-1.7
DAG	Danmarks Havn	99.25 352	P	Pdf	00 34 48.3	-0.3
comp=Z,2umcomp=Z,34nm,1.4s,comp=Z,2um						
MdVR	Moldovita	99.31 316	↓P	Pdf	00 34 49.8	+0.1
VAY	Valandovo	99.31 312	iP	Pdf	00 34 48.5	+1.3
OJC	Ojcow	99.37 321	P	Pdf	00 34 49.1	0.9
OJC	Ojcow	99.37 321	P	Pdf	00 34 48.9	-0.9
OJC	Ojcow	99.37 321	P	Pdf	00 34 50.1	+0.4
comp=Z,15nm,1.2s						
GRHM	Grahamstown, E	99.43 237	P	Pdf	00 34 50.3	-0.2
GRHM			iAmb	P	00 35 58.2	
comp=Z,47nm,1.3s						

ATAL	Atalanti	99.49 310	P	Pdf	00 34 47.9	-2.6
BOVS	Bovan	99.55 315	↓P	Pdf	00 34 50.7	0.0
NVL	Nlavarezskaya	99.56 198	eP	PP	00 34 52.7	+2.6
NVL			eS	PP	00 45 25.4	+0.3
comp=Z,7.0nm,1.0s						
NVL			MLR	MLR		
comp=Z,1um,19.0s						
GRG	Griva	99.56 312	P	Pdf	00 34 49.7	-1.2
LIT	Litokhoron	99.56 311	P	Pdf	00 34 49.2	-2.0
LIT	Litokhoron	99.56 311	P	Pdf	00 34 50.1	-1.2
comp=Z,32nm,0.8s						
AMBH	Ambrzavlja	99.66 317	↑P	Pdf	00 34 51.7	+0.6
AMBH	Ambrzavlja	99.66 317	↑P	Pdf	00 34 52.0	+0.9
comp=Z,5.8nm,1.4s						
HFS	Hagfors	99.73 332	P	Pdf	00 34 50.0	-1.1
HFS			LR	LR	01 25 02.2	
comp=Z,980nm,21.4s,baz=64,slow=38						
RESZ	Besenyasz	99.75 318	P	Pdf	00 34 52.6	+1.1
comp=Z,5.8nm,0.7s						
BRH	Breslau	99.85 10	LR	LR	01 21 41.0	
comp=Z,372nm,22.0s,baz=307,slow=36						
PSZ	Piszkesteto	99.86 319	↓P	Pdf	00 34 52.7	+0.6
PSZ	Piszkesteto	99.86 319	↓P	Pdf	00 34 51.2	-0.9
PSZ			IAMS_20	IAMS_20	01 22 59.9	
comp=Z,1um,22.0s						
PSZ	Piszkesteto	99.86 319	↑P	Pdf	00 34 52.7	+0.6
PSZ	Piszkesteto	99.86 319	↑P	Pdf	00 34 52.4	+0.4
comp=Z,23nm,1.2s						
KLJ	Kalavryta, Ach	100.28 309	P	Pdf	00 34 51.7	-2.4
SERG	Sergopol	100.28 309	P	Pdf	00 34 52.1	-2.1
ANX	Ano Chora	100.36 310	P	Pdf	00 34 52.6	-1.9
LAKA	Lakka	100.37 309	P	Pdf	00 34 52.4	-2.2
EFF	Eftalio	100.40 309	P	Pdf	00 34 52.5	-2.1
OKC	Ostrava-Krasne	100.49 321	AMS	AMS	01 21 00.0	
comp=Z,23s						
NC602	NORSAR Array S	100.50 333	eP	PP	00 39 03.3	+2.1
NC602			eP	PP	00 45 28.4	-1.9
NC602			eP	PP	00 47 55.5	-1.2
NC602			eP	PP	01 11 13.6	
NC602			eP	PP	01 19 30.3	
comp=Z,1um,4.5s						
NB2	NORSAR Subarray100.53	333	P	Pdf	00 34 53.3	-1.4
comp=Z,45nm,2.0s,baz=70,slow=4.4						
NB2			PKKP	PKKPbc	00 51 11.6	-0.5
comp=Z,42nm,2.0s,baz=247,slow=2.2						
NB2			PKKP	PKKPbc	00 51 11.6	-0.5
comp=Z,4.6nm,0.7s,baz=68,slow=4.6,SNR=19						
ITM	Ithome	100.61 308	P	Pdf	00 34 55.1	-0.4
comp=Z,32nm,0.9s						
DRO	Drossia	100.63 309	P	Pdf	00 34 54.6	-1.1
PVO	Paravola	100.65 310	P	Pdf	00 34 54.7	-1.0
STEB	Stebrikovo	100.70 321	eP	PP	00 34 53.3	-2.4
TETR	Tetrakomo, Epi	100.71 310	P</			

6d 0h

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like VISS, TANN, FLTG, NKC, NEUB, etc.

2020 SEP

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like NEW, FETA, MHC, STU, BUG, SAO, DAVA, WEL, etc.

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Table with columns: Station, Frequency, Power, and other technical details. Includes stations like HAYD, RSSD, MVCO, TUC, EDA, MDND, E28A, ULM, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like L40A Anamosa, P38A Dawn, OK052 Battle Ridge R, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like MT16 CCHEN, PEL Peldehue, PEL Peldehue, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like SIV comp=Z,5.3nm,1.1s, etc.

AEIC 06:00:30.20.4e.1.7.58:35N.0.01x1:33:49W.0.03, h1km,6km, Error ellipse: s-maj=2.3km s-min=2.0km az=121.0, NEIC 06:00:30.20.3e.1.7.58:35N.0.02x1:33:52W.0.04, h3km,7km, ML2.5/44, ML2.2(AEIC), Error ellipse: s-maj=3.3km s-min=2.2km az=133.0

PGC 06:00:30.21.1.58:35N-133:50W, h6km, ML2.5/9, 53km east of Juneau, Alaska, USA Southeastern Alaska, ISC 06:00:30.20.1.1.2.58:35N.0.02x1:33:50W.0.02, h2km,11km, n49,-076:60, Southeastern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes entries like JIS Juneau Island, P32M Eaglecrest, etc.

2020 SEP

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Juneau Island, Eaglecrest, Bessie Mountain, Nakina River, Killisnoo, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Santa Clara, W, ISECA Islas Secas, Boquete Panama, Boquete Panama, Alto Boquete, Los Naranjos, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Godfrey, Hedges, La Paz, Woolly Hollow, Cathedral Cave, Bolivar, San Ignacio, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC. Includes stations like UCR 06 00:44:24.1±0.6, IDC 06 00:44:24.7±0.9, UPA 06 00:44:25.8±1.7, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC. Includes stations like PTAC Isla de Provid, PRVC Cerro Negro, CNNG Cerro Negro, SIUN Universidad UY, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC. Includes stations like IDC 06 00:53:57.4±1.3, BUC 06 00:53:59.2±0.1, SIGU 06 00:53:59.2±0.1, MCSM 06 00:54:03.8±0.4, etc.

LCO	Las Campanas	1.55	32	P	Pn	01 17 24.4	0.0
LCO	Las Campanas	1.55	32	eS	Sb	01 17 24.4	0.0
LCO	Las Campanas	1.55	32	eS	IAML	01 17 48.1	-0.7
LCO	Las Campanas	1.55	32	P	Pn	01 17 24.4	0.0
LCO	Las Campanas	1.55	32	P	Pn	01 17 24.5	0.0
LCO	Las Campanas	1.55	32	P	Pn	01 17 24.2	0.0
LCO	Las Campanas	1.55	32	P	Pn	01 17 24.6	+0.2
CO04	Los Peladeros	1.79	162	eS	Pn	01 17 27.0	0.0
CO04	Los Peladeros	1.79	162	eS	Pn	01 17 27.7	0.0
CO04	Los Peladeros	1.79	162	eS	Pn	01 17 27.0	+0.2
AR04	Rodeo	1.88	85	eS	Pn	01 17 30.6	+1.7
AC05	El Transito	1.91	39	eS	Pn	01 17 30.2	+1.0
AC05	El Transito	1.91	39	eS	Pn	01 17 30.3	+0.3
AC05	El Transito	1.91	39	eS	Pn	01 17 30.4	+1.2
AC05	El Transito	1.91	39	eS	Sb	01 17 55.8	-0.8
AC05	El Transito	1.91	39	eS	IAML	01 17 58.3	
AC05	El Transito	1.91	39	P	Pn	01 17 30.1	+1.0
AC05	El Transito	1.91	39	P	Pn	01 17 30.3	+1.0
AC05	El Transito	1.91	39	P	Pn	01 17 30.3	+1.1
ACDV	Cuesta del Vie	2.18	86	eP	Pb	01 17 35.6	-2.1
AC04	Llanos de Chal	2.18	13	eP	Pn	01 17 32.9	0.0
AC04	Llanos de Chal	2.18	13	eS	Sb	01 18 06.5	+2.2
AC04	Llanos de Chal	2.18	13	iP	Pn	01 18 11.2	
AC04	Llanos de Chal	2.18	13	iP	Pn	01 17 32.9	0.0
AC04	Llanos de Chal	2.18	13	iP	Pn	01 17 32.9	0.0
AC04	Llanos de Chal	2.18	13	iP	Pn	01 17 33.1	+0.2
AC04	Llanos de Chal	2.18	13	iP	Pn	01 17 33.4	+0.2
ACCO	Cerro Coronel	2.23	97	eP	Pb	01 17 36.5	-2.2
RTLS	Leonico	2.48	127	eP	Pn	01 17 39.4	+2.2
RTLS	Leonico	2.48	127	eP	IAML	01 18 34.1	
VA03	San Esteban	2.59	159	eP	Pn	01 17 39.2	+0.7
VA03	San Esteban	2.59	159	eS	Sb	01 18 22.2	+6.2
VA03	San Esteban	2.59	159	eS	IAML	01 18 27.4	
VA03	San Esteban	2.59	159	iP	Pn	01 17 39.4	+0.9
VA03	San Esteban	2.59	159	iP	Sn	01 18 11.3	+2.4
VA03	San Esteban	2.59	159	iP	Sn	01 18 23.9	
VA03	San Esteban	2.59	159	P	Pn	01 17 39.5	+0.9
VA03	San Esteban	2.59	159	P	Pn	01 17 39.6	+1.1
VA01	Torpederas	2.67	180	eP	Pn	01 17 39.0	-0.6
VA01	Torpederas	2.67	180	eS	Sb	01 17 39.3	-0.3
VA01	Torpederas	2.67	180	eS	Pn	01 18 14.9	-3.4
VA01	Torpederas	2.67	180	eS	Pn	01 17 39.3	-0.3
VA01	Torpederas	2.67	180	P	Pn	01 17 38.7	-0.9
VA01	Torpederas	2.67	180	P	Pn	01 17 39.0	0.0
ROCH	El Roble	2.68	169	eP	Pb	01 17 39.9	-6.3
ROCH	El Roble	2.68	169	eP	Pb	01 17 39.9	-6.3
ZON	Zonda	2.81	116	eP	Pn	01 17 44.3	+2.7
ZON	Zonda	2.81	116	eS	Sb	01 18 28.4	+6.0
ZON	Zonda	2.81	116	eS	IAML	01 18 36.3	
ZON	Zonda	2.81	116	P	Pn	01 17 43.7	+2.2
ZON	Zonda	2.81	116	P	Pn	01 17 43.2	+2.2
ZON	Zonda	2.81	116	P	Pn	01 17 43.5	+2.0
ZON	Zonda	2.81	116	P	Pn	01 17 43.3	+1.7
ZON	Zonda	2.81	116	P	Pn	01 17 43.5	+0.6
RTLL	Cerro Villicun	2.89	111	eS	Sb	01 17 44.8	+2.2
RTLL	Cerro Villicun	2.89	111	eS	Sb	01 18 26.9	+2.3
RTLL	Cerro Villicun	2.89	111	eS	IAML	01 18 37.9	
SJA	San Juan	2.90	115	eP	Pn	01 17 44.0	+1.3
SJA	San Juan	2.90	115	eP	IAML	01 19 07.1	
PEL	Peidehue	2.91	164	eP	Pn	01 17 43.5	+0.6
PEL	Peidehue	2.91	164	eS	Sb	01 18 30.0	+4.8
PEL	Peidehue	2.91	164	eS	IAML	01 18 37.1	
PEL	Peidehue	2.91	164	P	Pn	01 17 43.5	+0.6
PEL	Peidehue	2.91	164	P	Pn	01 17 43.2	+0.3
PEL	Peidehue	2.91	164	P	Pn	01 18 22.1	-3.1
PEL	Peidehue	2.91	164	P	Pn	01 17 43.5	+0.6
PEL	Peidehue	2.91	164	P	Pn	01 17 43.5	+0.6
PEL	Peidehue	2.91	164	P	Pn	01 17 43.4	+0.6
PEL	Peidehue	2.91	164	P	Pn	01 17 44.0	+1.0
PEL	Peidehue	2.91	164	P	Pn	01 17 44.0	+1.0
MT02	Curacav	2.94	172	eP	Pn	01 17 43.1	-0.2
MT02	Curacav	2.94	172	eS	Sb	01 18 28.6	+2.6
MT02	Curacav	2.94	172	eS	IAML	01 18 37.9	
MT02	Curacav	2.94	172	eP	Pn	01 17 42.9	-0.4
MT02	Curacav	2.94	172	eP	Pn	01 17 43.2	-0.1
GO03	Copiapo	3.00	24	eS	Sb	01 17 44.9	+0.6
GO03	Copiapo	3.00	24	eS	Sb	01 18 28.6	+0.8
GO03	Copiapo	3.00	24	P	Pn	01 17 44.7	+0.6
GO03	Copiapo	3.00	24	P	Pn	01 17 44.8	+0.6
GO03	Copiapo	3.00	24	P	Pn	01 17 44.1	0.0
GO03	Copiapo	3.00	24	P	Pn	01 17 44.0	0.0
MT10	Hacienda Santa	3.07	163	iP	Pn	01 17 45.7	+0.5
MT10	Hacienda Santa	3.07	163	iP	Sn	01 18 25.0	+4.1
MT05	Renca	3.14	166	eP	Pn	01 17 46.5	+0.5
MT05	Renca	3.14	166	eS	Sb	01 18 34.5	+2.8
MT05	Renca	3.14	166	eS	IAML	01 18 48.4	
MT05	Renca	3.14	166	eP	Pn	01 17 46.6	+0.5
MT05	Renca	3.14	166	eP	Pn	01 17 46.5	+0.5
AC06	Mina Casimiro	3.18	21	eP	Pn	01 17 46.5	0.0
AC06	Mina Casimiro	3.18	21	eP	Pn	01 17 46.7	+0.1
CFA	Coronel Fontan	3.18	114	Pn	Pn	01 17 48.0	+1.4
CFA	Coronel Fontan	3.18	114	Pn	Lg	01 18 27.4	
CFA	Coronel Fontan	3.18	114	Pn	LR	01 18 32.9	
CFA	Coronel Fontan	3.18	114	eS	Pn	01 17 48.4	+1.8
CFA	Coronel Fontan	3.18	114	eS	Pn	01 18 34.7	+1.8
MT14	Cerro Caljn	3.19	163	iP	Pn	01 17 47.6	+0.9
MT14	Cerro Caljn	3.19	163	eS	Sb	01 18 29.6	-3.6
MT16	CCHEN	3.22	163	iP	Pn	01 17 48.1	+1.0
MT16	CCHEN	3.22	163	eS	Sb	01 18 30.1	-4.0
MT16	CCHEN	3.22	163	eS	IAML	01 18 52.4	
MT16	CCHEN	3.22	163	P	Pn	01 17 48.2	+1.0
MT03	Universidad Ad	3.29	163	eP	Pn	01 17 49.1	+1.0
MT03	Universidad Ad	3.29	163	eS	Sb	01 18 34.2	-1.8
MT03	Universidad Ad	3.29	163	eS	IAML	01 18 50.7	
MT03	Universidad Ad	3.29	163	P	Pn	01 17 48.8	+0.6
MT04	Ro Olivares	3.31	158	eP	Pn	01 17 50.5	+1.9
MT04	Ro Olivares	3.31	158	eS	Sb	01 18 35.7	-1.2
MT04	Ro Olivares	3.31	158	eS	IAML	01 18 44.1	
MT04	Ro Olivares	3.31	158	iP	Pn	01 17 50.5	+1.9
MT08	Bocatomo Ro	3.39	156	eP	Pn	01 17 52.7	+3.1
MT08	Bocatomo Ro	3.39	156	eS	Sb	01 18 56.6	
MT08	Bocatomo Ro	3.39	156	eP	Pn	01 17 52.3	+2.7
MT08	Bocatomo Ro	3.39	156	eP	Pn	01 17 52.5	+2.8
MT08	Bocatomo Ro	3.39	156	eP	Pn	01 17 53.1	+0.5
VCA	Vinchina	3.39	63	iP	Sn	01 17 53.2	+3.6
VCA	Vinchina	3.39	63	eS	Sn	01 18 31.0	+2.2
VCA	Vinchina	3.39	63	eS	IAML	01 18 50.3	
MT09	Talagante	3.47	171	eP	Pn	01 17 50.8	+0.1
MT01	Popeta	3.53	175	eS	Sb	01 18 45.2	+2.3
MT01	Popeta	3.53	175	eS	IAML	01 18 51.6	
MT01	Popeta	3.53	175	eP	Pn	01 17 51.0	-0.4
MT13	San Alfonso	3.58	162	eS	Pn	01 17 51.3	
MT13	San Alfonso	3.58	162	eS	Pn	01 18 37.5	+4.1
LMEL	Las Melos	3.70	161	eP	Pn	01 17 55.2	+1.3
LMEL	Las Melos	3.70	161	eS	Sn	01 18 39.2	+2.7
LMEL	Las Melos	3.70	161	eS	IAML	01 18 59.2	
BO04	La Punta	3.74	167	eP	Pn	01 17 55.0	+0.6
BO01	Tunca	4.07	174	P	Pn	01 17 58.6	-0.2
AC02	Maricunga	4.13	33	iP	Pn	01 18 01.3	+1.2
AC02	Maricunga	4.13	33	P	Pn	01 18 00.0	-0.1
AC02	Maricunga	4.13	33	P	Pn	01 18 01.3	+1.2
BO03	Pichilemu	4.15	164	P	Pn	01 17 58.1	-1.2
AC01	Pan de Azucar	4.28	13	eS	Sb	01 19 08.7	+4.3
AC01	Pan de Azucar	4.28	13	eS	IAML	01 19 11.4	
AC01	Pan de Azucar	4.28	13	P	Pn	01 17 59.5	-2.2

AC01	Pan de Azucar	4.28	13	P	Pn	01 18 01.4	-0.3
AC01	Pan de Azucar	4.28	13	P	Pn	01 18 00.9	-0.7
BO02	Sierra Bellavi	4.50	171	eP	Pn	01 18 05.1	+0.3
BO02	Sierra Bellavi	4.50	171	eP	Pn	01 18 05.1	+0.3
BO02	Sierra Bellavi	4.50	171	eP	Pn	01 18 04.7	0.0
BO02	Sierra Bellavi	4.50	171	eP	Pn	01 18 05.0	+0.2
GO05	Hualane	4.66	183	iP	Pn	01 18 05.5	-1.5
GO05	Hualane	4.66	183	iP	Pn	01 18 05.2	-1.7
M02	Paninavida	5.41	178	P	Pn	01 18 16.9	-0.3
CYA	Choya	5.43	71	iP	Pn	01 18 18.1	+0.5
CYA	Choya	5.43	71	eS	Sn	01 19 19.0	0.0
PB14	IPOC Station P	5.80	11	P	Pn	01 18 21.0	-1.9
PB14	IPOC Station P	5.80	11	P	Pn	01 18 20.6	-2.2
TC4	Diego Aracena	6.13	101	iP	Pn	01 18 26.6	-0.7
BI02	San Fabin de	6.31	177	P	Pn	01 18 29.9	+0.2
BI02	San Fabin de	6.31	177	P	Pn	01 18 29.9	+0.2
AHML	Horco Molle	6.58	59	eP	Pn	01 18 28.0	-5.3
H03N1	Juan Fernandez	6.92	242	Pn	Pn	01 18 36.4	-1.2
H03N1	Juan Fernandez	6.92	242	Pn	Sn	01 19 48.8	-6.3
H03N2	Juan Fernandez	6.93	242	Pn	Pn	01 18 36.5	-1.4
H03N2	Juan Fernandez	6.93	242	Pn	Sn	01 19 49.1	-6.4
H03N3	Juan Fernandez	6.93	242	Pn	Pn	01 18 36.1	-1.8
VA04	Juan Fernandez	6.94	240	iP	Pn	01 18 35.5	-2.7
VA04	Juan Fernandez	6.94	240	iP	eS	01 19 48.8	-7.3
VA04	Juan Fernandez	6.94	240	P	Pn	01 18 35.7	-2.5
VA04	Juan Fernandez	6.94	240	P	Pn	01 18 36.9	-1.3
H03S3	Juan Fernandez	7.08	239	Pn	Pn	01 18 38.6	-1.4
H03S3	Juan Fernandez	7.08	239	Pn	Sn	01 19 51.4	-7.8
H03S1	Juan Fernandez	7.09	239	Pn	Pn	01 18 37.8	-2.2
H03S1	Juan Fernandez	7.09	239	Pn	Sn	01 19 51.4	-7.8
H03S2	Juan Fernandez	7.10	239	Pn	Pn	01 18 38.0	-2.2
H03S2	Juan Fernandez	7.10	239	Pn	Sn	01 19 51.3	-8.3
PB05	IPOC Station P	7.57	10	P	Pn	01 18 44.7	-2.3
SALTA	IPOC Station P	7.70	39	Pn	Pn	01 18 50.5	+1.4
PB06	IPOC Station P	7.83	14	P	Pn	01 18 59.2	+8.7
PB06	IPOC Station P	7.83	14	P	Pn	01 18 49.4	

WIN	Windhoek	77.91	109	P	P	01 28 54.3	+0.2
WIN	Windhoek			pP	sP	01 29 06.8	-1.2
GSC	Goldstone, Bar	77.92	324	Iamb	Iamb	01 29 08.3	
Q20A	White River Ci	77.92	324	Iamb	Iamb	01 29 30.0	
Q20A	comp-Z,2542nm,1.8s			IAMS_20	IAMS_20	01 59 04.2	
SZCU	Shurtz Canyon	77.92	327	Iamb	Iamb	01 29 08.4	
SHPR	Sheep Range	78.03	325	Iamb	Iamb	01 29 09.0	
RAR	Rarotonga	78.05	252	LR	LR	01 54 26.3	
SHOC	Shoshone, Teco	78.11	324	IAMS_20	IAMS_20	01 58 13.8	
Q16A	Castle Valley	78.13	330	Iamb	Iamb	01 29 10.3	
VLDQ	Val d'Or	78.27	356	Iamb	Iamb	01 29 09.4	
P18A	Preston Nutter	78.32	331	Iamb	Iamb	01 29 11.3	
TPO	Tropico Hills	78.33	322	Iamb	Iamb	01 29 10.1	
CCCA	Chr Cany lake	78.38	323	Iamb	Iamb	01 29 10.8	
OSI	Ostio Audit: C	78.39	322	IAMS_20	IAMS_20	01 56 36.3	
P17A	Butcher Ranch	78.40	330	Iamb	Iamb	01 29 10.5	
TCRU	Three Creeks R	78.45	328	Iamb	Iamb	01 29 11.3	
TMUT	Trail Mountain	78.46	330	Iamb	Iamb	01 29 11.1	
SUSD	Miller	78.50	340	Iamb	Iamb	01 29 09.6	
LACI	Morro de la Ar	78.50	48	P	P	01 28 57.7	+0.6
MRMC	Laurel Mtn Rad	78.53	323	IAMS_20	IAMS_20	01 58 43.2	
E38A	The Farm, Brul	78.68	346	Iamb	Iamb	01 29 10.3	
E38A	comp-Z,107nm,1.1s			IAMS_20	IAMS_20	02 08 55.5	
PRN	Pahroc Range	78.69	326	Iamb	Iamb	01 29 12.8	
RDMU	Red Mountain	78.83	331	Iamb	Iamb	01 29 12.7	
FURC	Furnace Creek	78.85	324	IAMS_20	IAMS_20	01 57 12.3	
MPMC	Manual Prospec	78.85	324	IAMS_20	IAMS_20	01 56 41.4	
TPNV	Topopah Spring	78.92	325	Iamb	Iamb	01 29 14.0	
TPNV	comp-Z,310nm,1.4s			IAMS_20	IAMS_20	01 59 05.2	
F33A	5 Mile Ranch	79.06	343	Iamb	Iamb	01 29 12.3	
F33A	comp-Z,114nm,1.1s			IAMS_20	IAMS_20	02 07 48.7	
ISA	Isabella, Lake	79.06	323	Iamb	Iamb	01 29 14.6	
ISA	comp-Z,181nm,1.3s			IAMS_20	IAMS_20	01 57 33.9	
BSUT	Blindstream Ca	79.30	331	Iamb	Iamb	01 29 15.9	
NLU	North Lily Min	79.38	330	Iamb	Iamb	01 29 16.1	
CTZ	Chatham Island	79.38	225	P	P	01 29 06.4	+4.8
HOR	Horta	79.39	33	eP	P	01 29 04.4	+2.9
HOR	comp-Z,161nm,0.7s			Iamb	Iamb	01 29 05.3	
CALA	Caldeira	79.40	33	eP	P	01 29 07.1	+5.4
CALA	comp-Z,303nm,1.6s			Iamb	Iamb	01 29 15.7	
CALA	comp-Z,121nm,22.0s			eLR	LR	01 55 52.3	
K22A	Casper	79.41	335	IAMS_20	IAMS_20	02 01 53.4	
PCAN	Candelaria	79.41	33	eP	P	01 29 06.4	+4.7
PCAN	comp-Z,213nm,1.8s			Iamb	Iamb	01 29 15.3	
PCED	Cedros	79.44	33	eP	P	01 29 06.7	+5.0
PCED	comp-Z,420nm,1.2s			Iamb	Iamb	01 29 22.4	
CWC	Cottonwood Crs	79.45	324	IAMS_20	IAMS_20	01 59 25.2	
PICO	Pico	79.47	33	eP	P	01 29 06.4	+4.4
PICO	comp-Z,363nm,1.3s			Iamb	Iamb	01 29 09.0	
PICO	Vestal, Richgr	79.51	323	IAMS_20	IAMS_20	01 55 54.0	
PICO	comp-Z,81nm,21.0s			eLR	LR	01 57 36.0	
PPNO	Prairinha do Nor	79.52	33	eP	P	01 29 08.8	+6.6
PPNO	comp-Z,283nm,0.9s			Iamb	Iamb	01 29 21.6	
ICQ	Pointe Anglais	79.60	3	Iamb	Iamb	01 29 17.0	
ROSA	Rosais	79.73	33	eP	P	01 29 06.6	+3.3
ROSA	comp-Z,352nm,1.4s			Iamb	Iamb	01 29 19.1	
ROSA	comp-Z,151nm,20.0s			eLR	LR	01 55 59.8	
ROSA	comp-Z,151nm,20.0s			IAMS_20	IAMS_20	02 02 47.0	
PMAN	Manadas	79.73	33	eP	P	01 29 12.6	+6.3
PMAN	comp-Z,534nm,1.3s			Iamb	Iamb	01 29 19.2	
RSSD	Black Hills	79.81	337	P	P	01 29 04.3	+0.4
RSSD	comp-Z,188nm,1.3s			pmax	pmax		
RSSD	Black Hills	79.81	337	P	P	01 29 04.3	+0.4
TSUM	Tsumeb	79.89	106	LR	LR	02 00 12.0	
TSUM	comp-Z,139nm,20.1s			baz=234,slow=33			
TSUM	Tsumeb	79.89	106	P	P	01 29 04.1	-0.9
TSUM	comp-Z,323nm,1.1s			Iamb	Iamb	01 29 18.8	
TSUM	Tsumeb	79.89	106	IAMS_20	IAMS_20	01 59 59.7	
TSUM	Tsumeb	79.89	106	P	P	01 29 05.6	+0.6
TSUM	Tsumeb	79.89	106	pP	pP	01 29 16.9	+1.7
TSUM	Tsumeb	79.89	106	pP	pP	01 29 04.8	-0.2
TSUM	Tsumeb	79.89	106	pP	pP	01 29 16.6	+1.4
DUG	Dugway, Tooele	79.90	329	Iamb	Iamb	01 29 18.8	
DUG	comp-Z,358nm,1.6s			IAMS_20	IAMS_20	01 59 50.9	
EYMN	Ely	79.95	347	Iamb	Iamb	01 29 18.2	
PSMN	Pico do Norte,	79.95	36	eP	P	01 29 06.4	+1.8
PSMN	comp-Z,230nm,1.1s			Iamb	Iamb	01 29 07.4	
PSMN	comp-Z,230nm,1.1s			eLR	LR	01 55 45.3	
PSMN	comp-Z,161nm,22.0s			IAMS_20	IAMS_20	02 02 33.0	
TIN	Tinmahua, Big	80.00	324	IAMS_20	IAMS_20	01 57 28.8	
GRHM	Grahamstown, E	80.01	123	P	P	01 29 04.5	-0.8
GRHM	comp-Z,340nm,1.3s			Iamb	Iamb	01 29 18.3	
SRBC	Serra Branca	80.08	33	eP	P	01 29 09.4	+4.2
SRBC	comp-Z,518nm,1.0s			Iamb	Iamb	01 29 14.8	
PGRA	Graciosa	80.10	33	eP	P	01 29 09.8	+4.5
PGRA	comp-Z,285nm,1.4s			Iamb	Iamb	01 29 13.1	
PGRA	comp-Z,161nm,22.0s			eLR	LR	01 55 45.5	
PGRA	comp-Z,161nm,22.0s			IAMS_20	IAMS_20	02 02 45.6	
ADH	Angra Heroismo	80.16	34	eP	P	01 29 04.8	+2.8
ADH	comp-Z,233nm,1.5s			Iamb	Iamb	01 29 13.8	
PSBA	Serra de Santa	80.20	34	eP	P	01 29 08.9	+3.0
PSBA	comp-Z,469nm,1.4s			Iamb	Iamb	01 29 12.6	
PDA	Ponta Delgada	80.22	35	eP	P	01 29 07.1	+1.1
PDA	comp-Z,242nm,1.1s			Iamb	Iamb	01 29 09.4	
PSET	Sete Cidades	80.25	35	eP	P	01 29 07.5	+1.3
PSET	comp-Z,441nm,1.3s			Iamb	Iamb	01 29 12.3	
PSCM	Serra do Cume	80.25	34	eP	P	01 29 10.4	+4.2
PSCM	comp-Z,312nm,0.6s			Iamb	Iamb	01 29 11.0	
PAGU	Agualva, Azores	80.27	34	eP	P	01 29 09.4	+3.1
PAGU	comp-Z,244nm,1.5s			Iamb	Iamb	01 29 14.5	

PAGU	comp-Z,253nm,1.3s			eLR	LR	01 56 00.3	
PAGU	comp-Z,253nm,1.3s			IAMS_20	IAMS_20	02 02 04.1	
TPH	comp-Z,71nm,22.0s	80.28	325	Iamb	Iamb	01 29 21.0	
TPH	comp-Z,286nm,1.5s			Iamb	Iamb	01 29 21.0	
CMLA	Chã da Macela	80.30	35	eP	P	01 29 08.9	+2.5
CMLA	comp-Z,323nm,1.4s			Iamb	Iamb	01 29 10.0	
CMLA	comp-Z,413nm,1.3s			eLR	LR	01 54 56.0	
CMLA	comp-Z,413nm,1.3s			IAMS_20	IAMS_20	02 02 34.1	
DRV	Dumont d'Urvil	80.34	192	P	P	01 29 05.8	-0.5
DRV	Dumont d'Urvil	80.34	192	P	P	01 29 06.4	+0.1
DRV	Dumont d'Urvil	80.37	322	pP	pP	01 29 18.3	+1.7
PKD	Beaur Valley Ra	80.37	322	Iamb	Iamb	01 29 21.4	
PKD	comp-Z,232nm,1.4s			IAMS_20	IAMS_20	01 57 33.6	
PKD	comp-Z,71nm,20.0s			IAMS_20	IAMS_20	01 57 33.6	
BART	Pico Bartolome	80.49	36	eP	P	01 29 12.6	+5.1
BART	comp-Z,346nm,1.1s			Iamb	Iamb	01 29 21.5	
LKGW	Lokgwabe	80.51	112	Iamb	Iamb	01 29 23.2	
HWUT	Hardware Ranch	80.52	331	Iamb	Iamb	01 29 21.6	
SPUT	South Promonto	80.65	330	Iamb	Iamb	01 29 22.4	
SPUT	comp-Z,164nm,1.1s			Iamb	Iamb	01 29 22.4	
BW06	Boulder Array	80.67	333	Iamb	Iamb	01 29 22.3	
BW06	comp-Z,254nm,1.7s			IAMS_20	IAMS_20	02 01 26.0	
PD31	Pinedale Array	80.67	333	Iamb	Iamb	01 29 22.3	
PDAR	Pinedale Array	80.67	333	P	P	01 29 09.0	+0.4
PDAR	comp-Z,5.7nm,0.9s			baz=100,slow=7.0,SNR=1.7			
PDAR	comp-Z,0.3nm,0.7s			baz=100,slow=7.0,SNR=1.7			
PDAR	comp-Z,0.8nm,0.8s			baz=162,slow=0.5,SNR=5.2			
PDAR	comp-Z,71nm,20.1s			baz=142,slow=33			
PDAR	Pinedale Array	80.67	333	P	P	01 29 08.4	-0.2
HULI	Fort Hunter Li	80.80	321	P	P	01 29 24.2	
HULI	comp-Z,553nm,1.6s			Iamb	Iamb	01 57 22.0	
E28A	Huff	80.94	340	Iamb	Iamb	01 29 23.4	
E28A	comp-Z,186nm,0.8s			Iamb	Iamb	01 29 23.4	
NVAR	Mina Array Bea	81.09	325	P	P	01 29 12.2	+1.2
NVAR	comp-Z,1.0nm,1.0s			baz=115,SNR=29			
NVAR	comp-Z,0.9nm,1.0s			baz=82,slow=6.4,SNR=1.5			
NVAR	comp-Z,0.6nm,0.8s			baz=270,slow=3.0,SNR=4.0			
NVAR	comp-Z,81nm,21.2s			baz=134,slow=31			
NVAR	Mina Array Bea	81.09	325	P	P	01 29 11.5	+0.5
AGNM	Agassiz Natio	81.24	344	P	P	01 29 24.4	
AGNM	comp-Z,118nm,0.8s			IAMS_20	IAMS_20	01 11 49.4	
AGNM	comp-Z,51nm,19.0s			IAMS_20	IAMS_20	01 11 49.4	
PMOZ	Porto Moniz, M	81.25	44	eP	P	01 29 13.8	+2.1
PMOZ	comp-Z,235nm,1.3s			Iamb	Iamb	01 29 18.5	
PMOZ	comp-Z,235nm,1.3s			eS	S	01 59 07.8	-1.2
PMOZ	comp-Z,235nm,1.3s			eLR	LR	01 55 10.6	
PMOZ	comp-Z,235nm,1.3s			IAMS_20	IAMS_20	02 05 40.8	
AHID	Auburn Hatcros	81.29	332	Iamb	Iamb	01 29 25.6	
AHID	comp-Z,141nm,1.8s			IAMS_20	IAMS_20	02 01 46.4	
PMAR	Madeira	81.35	44	eP	P	01 29 14.2	+1.8
PMAR	comp-Z,452nm,1.4s			Iamb	Iamb	01 29 30.6	
ELK	Elko	81.44	328	LR	LR	02 00 56.6	
ELK	comp-Z,121nm,21.0s			baz=142,slow=32			
ELK	Elko	81.44	328	P	P	01 29 13.2	+0.4
ELK	Elko	81.44	328	Iamb	Iamb	01 29 26.7	
ELK	comp-Z,86nm,1.0s			IAMS_20	IAMS_20	02 00 44.7	
SAO	San Andreas Ge	81.46	322	P	P	01 29 15.0	+2.3
SAO	San Andreas Ge	81.46	322	IAMS_20	IAMS_20	01 57 53.6	
BOSA	Boshof	81.47	118	P	P	01 29 12.6	-0.7
BOSA	comp-Z,50nm,0.9s			baz=252,slow=3.2,SNR=37			
BOSA	comp-Z,121nm,18.3s			baz=248,slow=35			
BOSA	comp-Z,50nm,0.9s			Iamb	Iamb	01 29 25.7	
BOSA	Boshof	81.47	118	eP	P	01 29 11.5	-1.8
BOSA	Boshof	81.47	118	eP	P	01 29 12.9	+0.4
BOSA	Boshof	81.47	118	pP	pP	01 29 24.4	+0.9
WAKR	Walker	81.72	324	Iamb	Iamb	01 29 29.2	
SNOW	Snow King Moun	81.73	332	IAMS_20	IAMS_20	02 01 59.0	
GRTL	Ghanzi	81.84	110	Iamb	Iamb	01 29 21.0s	
GRTL	comp-Z,257nm,1.3s			P	P	01 29 15.0	-0.4
GRTL	comp-Z,257nm,1.3s			pP	pP	01 29 26.4	+0.9
FXWY	Fox Creek	81.98	332	Iamb	Iamb	01 29 29.3	
FXWY	comp-Z,164nm,1.7s			IAMS_20	IAMS_20	02 02 05.8	
YERR	Yerriington	81.99	324	Iamb	Iamb	01 29 30.2	
MHC	Mount Hamilton	82.00	322	Iamb	Iamb	01	

6PZ 1h

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like Rata Peaks, Pilot Rock, Lake Benmore, etc.

2020 SEP

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like Omahuta, Neilton Lookum, EVO, etc.

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Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like Dublin, Gorrion, Telegraph Creek, etc.

Table with columns: IBSN, Title, Year, Pages, Price, and other details. Includes entries like 'libbuburen', 'Wattenberg', 'WTTA', etc.

Table with columns: ARSA, Title, Year, Pages, Price, and other details. Includes entries like 'Arzberg', 'ARSA', 'H27K', etc.

Table with columns: COLA, Title, Year, Pages, Price, and other details. Includes entries like 'College', 'Kraiky', 'DAG', etc.

Table with columns: LZH, comp-Z, 6µm, 19.4s, L, L, PKP, PKPdf, 01 37 06.2 +0.9, Lanzhou Array 173.17 34, PKP, PKPab, 01 38 32.4 +0.5, LZDM, comp-Z, 2.8nm, 0.3s, b, az=259, slow=1.5, SNR=5.8, PKP, PKPab, 01 38 32.4 +0.5, LYN, comp-Z, 3.2nm, 0.3s, b, az=45, slow=4.3, SNR=2.8, LuoYang 174.56 322, PKP, PKPab, 01 37 06.3 +0.9, LYN, comp-Z, 4µm, 5.4s, L, L, PKP, PKPdf, 01 37 05.8 +0.3, WHN, comp-Z, 7µm, 22.0s, L, L, PKP, PKPdf, 01 37 05.5 -0.2, GULI, comp-Z, 5µm, 19.8s, L, L, PKP, PKPdf, 01 37 06.0 +0.2, CNSSH, comp-Z, 2µm, 29.9s, L, L, PKP, PKPdf, 01 37 06.0 +0.2, CNSSH, comp-Z, 4µm, 32.8s, L, L, PKP, PKPdf, 01 37 06.3 +0.2, GYA, comp-Z, 2µm, 28.9s, L, L, PKP, PKPdf, 01 37 06.3 +0.2, GYA, comp-Z, 3µm, 19.6s, L, L, PKP, PKPdf, 01 38 44.5 -0.2, GYA, comp-Z, 5µm, 13.2s, L, L, PKP, PKPdf, 01 38 47.0 +0.7, XAN, comp-Z, 7µm, 12.0s, L, L, PKP, PKPdf, 01 38 47.0 +0.7, XAN, comp-Z, 3µm, 19.9s, L, L, PKP, PKPdf, 01 42 38.4 +0.2, XAN, comp-Z, 3µm, 17.9s, L, L, PKP, PKPdf, 01 42 38.4 +0.2, XAN, comp-Z, 9µm, 23.0s, L, L, PKP, PKPdf, 01 42 38.4 +0.2

UCR 06 01:20:05.4-0.7, 8°28'N-83°06'W, h20km, 5km, MW3.6, Presumed earthquake, UPA 06 01:20:05.6-0.9, 8°33'N-83°03'W, h10km, 2km, MW3.5, Presumed earthquake, ISC 06 01:20:05.6-1.0, 8°32'N-83°03'W, h10km, 7km, n27, c#562/39, 3C-4D, Costa Rica

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, PTPM Petroterminal, 0.20 127, PTPA Petro Terminal, 0.21 126, LMNES Limones, 0.28 142, LMNES Limones, 0.28 142, PIRO Carate, Puerto, 0.30 285, PIRO Carate, Puerto, 0.30 285, FITO Golfito, 0.32 339, NELY Ciudad Neily, 0.34 16, NELY Ciudad Neily, 0.34 16, VITO San Vito, 0.50 8, MLIR3 Monte Lirio, C, 0.51 24, BRU2 Volcan, 0.58 36, BRU2 Volcan, 0.58 36, CLLR4 Cordillera, 0.59 45, CLLR4 Cordillera, 0.59 45, DVD David, 0.59 79, PTA33 Potrerillos Ar, 0.65 56, ED22 Potrero Grande, 0.70 349, BQUAL Bijagua, Pana, 0.72 53, BQUAL Bijagua, Pana, 0.72 53, BOSF3 Alto Boquete, 0.73 55, LNBO3 Los Naranjos, 0.75 52, RBALA Bur, 1.03 58, KKNUTU Kakint, 1.32 67, KKNUTU Kakint, 1.32 67, JTS Las Juntas de, 2.72 316

UPA 06 01:21:27.0-1.1, 8°30'N-82°93'W, h17km, 3km, MW2.8, 4C-8D, Presumed earthquake, Panama-Costa Rica border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, PTPM Petroterminal, 0.10 154, PTPM Petroterminal, 0.10 154, LIMO3 Limones, 0.20 163, LIMO3 Limones, 0.20 163, NELY Ciudad Neily, 0.35 352, PIRO Carate, Puerto, 0.42 285, DVD David, 0.49 74, DVD David, 0.49 74, MLIR3 Monte Lirio, C, 0.50 11, VITO San Vito, 0.52 355, CLLR4 Cordillera, 0.54 35, BRU2 Volcan, 0.54 25, BRU2 Volcan, 0.54 25, SCLRA Santa Clara, W, 0.55 15, BQUAL Bijagua, Pana, 0.62 70, BQUAL Bijagua, Pana, 0.62 70, BQUAL Alto Boquete, 0.65 45, BOSF3 Alto Boquete, 0.65 45, RBALA Bur, 0.96 53, RBALA Bur, 0.96 53

KKNUTU Kakint, 1.23 64, KKNUTU Kakint, 1.23 64, GUC 06 01:24:02.9-0.6, 30°37'S-71°54'W, h34km, 1km, ML3.6, 2C, Near coast of central Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, CO06 Fray Jorge, 0.31 196, GO04 Tololo Observa, 0.67 73, CO03 El Pedregal, 0.87 123, CO02 Combarbal, 0.95 151, CO01 Juntas del Tor, 1.31 73, LCO Las Campanas, 1.54 28, CO04 Los Peladeros, 1.73 164, AC05 El Transito, 1.88 36, AC04 Llanos de Chal, 2.20 111, VA03 San Esteban, 2.53 161, ROCH El Roble, 2.63 170, VA01 Torpederas, 2.65 182, PEL Peldehue, 2.86 166, MT02 Curacav, 2.90 173, GO03 Copiapo, 2.99 23, MT10 Hacienda Santa, 3.02 164, MT05 Renca, 3.09 168, MT14 Cerro Caln, 3.13 165, MT16 CCHEN, 3.17 164, AC06 Mina Casimiro, 3.18 19, MT03 Universidad A, 3.23 165, MT04 Ro Olivares, 3.25 159, MT08 Bocatoma R, 3.33 158, VCA Vinchina, 3.33 62, MT15 Las Vizcachas, 3.33 165, MT09 Talagante, 3.43 172, MT12 Pirque, 3.46 166, MT01 Popeta, 3.49 176, MT03 San Alfonso, 3.53 163, LMEL Las Melosas, 3.65 162, BO04 La Punta, 3.69 168, BO01 Tunca, 4.03 175, MT02 Maricunga, 4.11 32, CYA Choya, 5.36 70, TCA Tanti, 6.04 101, SJA 06 01:26:28.4-1.7, 30°33'S-71°63'W, h10km, 16km, ML3.7, MW3.2, GUC 06 01:26:32.5-0.6, 30°36'S-71°42'W, h38km, 4km, ML3.7, ISC 06 01:26:28.5-1.5, 30°35'S-71°66'W, 0.05, h4km, 10km, n56, c#186/92, 1D, Near coast of central Chile

ISC 06 01:26:28.5-1.5, 30°35'S-71°66'W, 0.05, h4km, 10km, n56, c#186/92, 1D, Near coast of central Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, CO06 Fray Jorge, 0.33 176, GO04 Tololo Observa, 0.77 77, GO04 Tololo Observa, 0.77 77, CO02 Combarbal, 1.02 146, CO02 Combarbal, 1.02 146, CO01 Juntas del Tor, 1.41 75, CO01 Juntas del Tor, 1.41 75, LCO Las Campanas, 1.57 32, LCO Las Campanas, 1.57 32, CO04 Los Peladeros, 1.79 161, LMEL Las Melosas, 3.70 161, BO04 La Punta, 3.74 166, MARICUNGA, 4.15 33, ACAN Cantantal, 4.28 118, ACAN Cantantal, 4.28 118, NYQ Nojoqui County, 0.30 30, SYP Santa Ynez Pea, 0.40 51, FIGC Figueroa Mtn, 0.55 34, SBC Santa Barbara, 0.56 72, MCPHERSON PEAK, 0.76 36, BCD Casitas Dam, 0.84 83, STCC Santa Clara, 0.97 88, DCD Diablo Creek, 1.02 337

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, CO04 comp-E, 2µm, 0.1s, IAML, 01 27 26.6, AROD Rodeo, 1.90 85, AC05 El Transito, 1.93 39, AC05 El Transito, 1.93 39, AC05 El Transito, 1.93 39, AC04 Llanos de Chal, 2.20 14, AC04 Cerro Coronel, 2.25 97, RTLS Leoncito, 2.49 126, VA03 San Esteban, 2.59 159, VA03 San Esteban, 2.59 159, VA01 Torpederas, 2.67 180, ROCH El Roble, 2.67 168, ZON Zonda, 2.83 116, PEL Peldehue, 2.91 164, RTLL Cerro Villucun, 2.91 110, MT02 Curacav, 2.94 171, MT02 Curacav, 2.94 171, GO03 Copiapo, 3.02 25, MT10 Hacienda Santa, 3.07 162, MT05 Renca, 3.13 166, MT05 Renca, 3.13 166, MT14 Cerro Caln, 3.19 163, AC06 Mina Casimiro, 3.19 21, CFA Coronel Fontan, 3.19 114, MT16 CCHEN, 3.22 163, MT03 Universidad A, 3.28 163, MT03 Universidad A, 3.28 163, MT03 Universidad A, 3.28 163, MT04 Ro Olivares, 3.31 157, MT04 Ro Olivares, 3.31 157, MT15 Las Vizcachas, 3.39 163, MT08 Bocatoma R, 3.39 156, MT08 Bocatoma R, 3.39 156, ARCO CERRO ARCO, 3.41 138, VCA Vinchina, 3.41 63, MT09 Talagante, 3.46 171, MT12 Pirque, 3.50 165, MT01 Popeta, 3.52 174, MT13 San Alfonso, 3.58 161, MT13 San Alfonso, 3.58 161, LMEL Las Melosas, 3.70 161, BO04 La Punta, 3.74 166, MARICUNGA, 4.15 33, ACAN Cantantal, 4.28 118, ACAN Cantantal, 4.28 118, NYQ Nojoqui County, 0.30 30, SYP Santa Ynez Pea, 0.40 51, FIGC Figueroa Mtn, 0.55 34, SBC Santa Barbara, 0.56 72, MCPHERSON PEAK, 0.76 36, BCD Casitas Dam, 0.84 83, STCC Santa Clara, 0.97 88, DCD Diablo Creek, 1.02 337

PAS 06 01:48:36.5-2.9, 34°56'N-120°06'W, 0.05, h13km, 7km, Error ellipse: s-maj=9.6km s-min=1.6km az=218.0, NEIC 06 01:48:30.6-1.7, 34°28'N-120°36'W, 0.03, h10km, 2km, ML3.7(152), ML3.9(2)(PAS), Error ellipse: s-maj=6.4km s-min=3.1km az=48.0, Southern California

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, NYQ Nojoqui County, 0.30 30, SYP Santa Ynez Pea, 0.40 51, FIGC Figueroa Mtn, 0.55 34, SBC Santa Barbara, 0.56 72, MCPHERSON PEAK, 0.76 36, BCD Casitas Dam, 0.84 83, STCC Santa Clara, 0.97 88, DCD Diablo Creek, 1.02 337

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Davis Peak, Bitter Crk Wrg, Simmler, etc.

IDC 06:01:59:11.9,0.6,31.53N:93.32E,h0km,mb4.2/20, mbp4.2/25,ML4.0/4, Error ellipse: s-maj=19.8km s-min=13.3km az=50.0

Main table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like LSA Lhasa, MOKO MOKOCHONG, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MAKZ Makanchi, BOOM Boomskeye usch, etc.

6d 2h

Table with columns: Station Name, Time, Azimuth, Elevation, and other parameters. Includes stations like KAMT, YOZG, KIBS, RUZG, etc.

ISC-PP 06 02:59:16.4, 17.14S, 167.67E, h15km, Mw6.2/8.6, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; M=0.39e+18; M2=0.23e+28; M3=0.56e+15; M4=0.27e+19; M5=0.10e+24; M6=0.40e+16; Fault plane solution: M=1.14000x10^19 NP1=0.167.10000; 659.70000; 1.34.30000; NP2=0.58.10000; 860.90000; 1.144.80000; GFZ 06 02:59:17.2, 0.2, 17.15S, 167.8E, h10km, Mw6.3/7.7, mb5.8/37

Table with columns: Code, Station Name, Time, Azimuth, Elevation, and other parameters. Includes stations like RTV, KOUNC, MARNC, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, and other parameters. Includes stations like CTA, CTAO, AUPHS, PMG, etc.

Table with columns: Station, Time, Frequency, Power, and other technical details. Includes stations like MILA, LTZ, LZT, etc.

Table with columns: Station, Time, Frequency, Power, and other technical details. Includes stations like DRS, WAKE, KNRA, etc.

Table with columns: Station, Time, Frequency, Power, and other technical details. Includes stations like KAPI, MORW, MUN, etc.

6d 2h

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Table with columns for station name, coordinates, and various data points. Includes stations like TAJN, SSE, BTDF, KSAR, QIZ, YSS, SKR, VLA, PSTR, USRK, GULI, ADK, PET, DL2, PEAOB, and PETK.

Table with columns for station name, coordinates, and various data points. Includes stations like RPSI, MDJ, PSI, ATKA, TYV, GSI, SNI, CN2, BNX, QSPA, GRNR, ENH, GYA, LYN, HNS, NKI, UNV, and BJ2.

Table with columns for station name, coordinates, and various data points. Includes stations like BJT, TIY, XAN, HEH, KMI2, RPN, SPIA, CM31, CMAR, CHTO, MA2, HHC, ZEA, BTO2, HIA, ZEA, HILR, TNCH, and MAW.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BUM VLX, LESA, LESA, MEM Membach, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MOE Montemor, PEAR Barrancos, MESJ Mesesjana, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like WRA Warramunga Arr, WRA Alice Springs, ASAR Alice Springs, etc.

6d 4h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ARCCESS Array B, Barrier River, Birch Farm, etc.

IDD 06:04:20:48.5-0.6, 17:05S:167:71E, h0km, mb4.4/17, mbmp4.4/19, ML4.6/2, MS4.3/7, Error ellipse: s-maj=17.9km s-min=13.0km az=99.0

2020 SEP

Table with columns: MAJO, Matsushiro, 60.29 333, P, Iamb, Iamb, 04 30 58.0 -1.0, etc.

WHN Wuhan 69.95 312 P P 04 32 03.5 +1.7
PETK Petropavlovsk 70.53 354 P P 04 32 04.6 -0.3

NOU 06:04:29:55.5, 17:40S:168:02E, h54km, MLv4.5/11, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RTV, RNT, SANVU, etc.

NOU 06:04:33:53.1, 17:19S:167:66E, h4km, MLv4.6/21, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RTV, RNT, SANVU, etc.

NOU 06:04:35:59.0, 17:17S:167:70E, h25km, n32, s121/32, mb4.2/10, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RTV, RNT, SANVU, etc.

NOU 06:04:39:18.3, 17:06S:167:71E, h0km, mb4.8/26, mbmp4.9/28, ML4.6/2, MS4.7/30, Error ellipse: s-maj=14.0km s-min=9.9km az=81.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RTV, RNT, SANVU, etc.

NOU 06:04:39:21.1, 17:12S:167:78E, h12km, Mw5.4/5, Moment Tensor Solution, Moment Tensor Scale 107Nm

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RTV, RNT, SANVU, etc.

NOU 06:04:39:21.4, 17:12S:167:78E, h10km, Mw5.5/51, Moment Tensor Solution, Moment Tensor Scale 107Nm

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RTV, RNT, SANVU, etc.

NOU 06:04:39:21.4, 17:12S:167:78E, h10km, Mw5.5/51, Moment Tensor Solution, Moment Tensor Scale 107Nm

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RTV, RNT, SANVU, etc.

358

Table with columns: SOKA Soboth, 142.94 328, iPKP, PKPdf, 04 40 20.5 -3.7, etc.

NOU 06:04:39:21.4, 17:12S:167:78E, h10km, Mw5.5/51, Moment Tensor Solution, Moment Tensor Scale 107Nm

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RTV, RNT, SANVU, etc.

NOU 06:04:39:21.4, 17:12S:167:78E, h10km, Mw5.5/51, Moment Tensor Solution, Moment Tensor Scale 107Nm

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RTV, RNT, SANVU, etc.

NOU 06:04:39:21.4, 17:12S:167:78E, h10km, Mw5.5/51, Moment Tensor Solution, Moment Tensor Scale 107Nm

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RTV, RNT, SANVU, etc.

NOU 06:04:39:21.4, 17:12S:167:78E, h10km, Mw5.5/51, Moment Tensor Solution, Moment Tensor Scale 107Nm

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RTV, RNT, SANVU, etc.

NOU 06:04:39:21.4, 17:12S:167:78E, h10km, Mw5.5/51, Moment Tensor Solution, Moment Tensor Scale 107Nm

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RTV, RNT, SANVU, etc.

NOU 06:04:39:21.4, 17:12S:167:78E, h10km, Mw5.5/51, Moment Tensor Solution, Moment Tensor Scale 107Nm

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RTV, RNT, SANVU, etc.

NOU 06:04:39:21.4, 17:12S:167:78E, h10km, Mw5.5/51, Moment Tensor Solution, Moment Tensor Scale 107Nm

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RTV, RNT, SANVU, etc.

-0.1630, Plg1.0000", Azm177.0000"; P -2.1100, Plg10.0000", Azm267.0000"; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 06.04:39:21.8.0.2, 17.135:0.04:167.84E:0.04, h21km, n638, o1568/587, m5.5/186, MS4.8/40, 40C-28D, Vanuatu

Table with columns: Code, Station Name, Az, AzP, Phase, ID, Time, Res, ISC. Lists various seismic stations and their associated data.

Table with columns: Name, Time, Res, ISC. Lists various seismic events and their associated data.

Table with columns: Name, Time, Res, ISC. Lists various seismic events and their associated data.

Table with columns for station name, coordinates, and status. Includes stations like SZCU Shurtz Canyon, KNC Kanab, MBAR Tucson, etc.

Table with columns for station name, coordinates, and status. Includes stations like NB2 NORASR Subarra133.08, NB2 NORASR Subarra133.08, NOA NORASR Array B, etc.

Table with columns for station name, coordinates, and status. Includes stations like LESA, MEM Membach, FUR Furstenfeldbrunn, etc.

SKHL 06 04:48:0.6i, 2.43770N, 147.90E, h50km, 3km, mb4.2/2
JMA 06 04:48:0.2i, 0.5, 44°N, 1°14' E, h0km, MV3.6/30. E

Table with columns for Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like KUR Kuri'sk, KUR 110nm.0.2s, etc.

NEIC 06 04:58:29.15, 14°10'N, 0°10', 120.7E, 0.2, h202km, 8km,
baz=74.0, Error ellipse: s-maj=27.0km s-min=12.6km

MAN 06 04:58:29.0, 14°15'N, 120°45'E, h187km, MS3.8
IDC 06 04:58:30.15, 2, 14, 16N, 120°01'E, h224km, 52km,

ISC 06 04:58:28.3, 0.5, 14.13N, 0°08', 120.7E, 0.1, h200km, n51,
0°59'49", mb4.0/24, Luzon

Table with columns for Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like TGY Tagaytay City, PCPS Palayan City, etc.

6d 5h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WRR Warramunga Arr, ASAR Alice Springs, etc.

CATAC 06 05:02:56.7:1.2, 10.1N, 4.8E, h4km, 8km, M3.6/25, MLV3.6/25, Error ellipse: s-maj=10.7km s-min=4.1km az=43.5, confirmed

UCR 06 05:00:58.0:0.5, 10.58N, 86.65W, h15km, 10km, MW4.2, Presumed earthquake

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ALIBA Liberia Airpor, JUD3 Juan Diaz, etc.

UPA 06 05:02:33.7:1.1, 8.11N, 82.97W, h14km, 2km, MW3.6, Presumed earthquake

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like n31, 0687/46, 3C-5D, Panama-Costa Rica border region, Code Station Name, etc.

NEIC 06 05:05:00.8:1.0, 17.13S, 0.06:167.9E:0.1, h10km, 1km, mb4.3/7, Error ellipse: s-maj=22.9km s-min=7.9km

NOU 06 05:05:02.5:1.4, 17.25S:167.88E, h26km, ML4.6/23, Vanuatu Islands

ICC 06 05:05:02.5:1.4, 17.56S:167.46E, h0km, mb3.8/6, mbmp3.8/6, Error ellipse: s-maj=41.7km s-min=33.6km az=151.0

ICC 06 05:05:02.9:0.7, 17.21S:0.04:167.81E:0.02, h21km, n33, 0.16/33, mb4.0/8, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Code Station Name, RTV Rentapao, etc.

NOU 06 05:18:12.9, 17.07S:167.86E, h14km, ML4.3/16, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RTV Rentapao, SANVU Saraoutou, etc.

OSUNB 06 05:23:42.2:0.2, 18.75S:47.10W, h0km, mR2.6/9, Error ellipse: s-maj=2.0km s-min=1.9km az=0.0

IAO 06 05:23:42.2:0.2, 18.84S:47.17W, h0km, mBR2.9, Presumed earthquake

IAO 06 05:23:42.2:0.2, 18.82S:0.03:47.17W:0.03, h3km, n11km, n32, 0.95/53, Brazil

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Code Station Name, PMNB Patos De Minas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BB19B Bebedouro, BB19B Jequitai-MG, etc.

ICC 06 05:24:04.0:1.5, 44.95S:80.40W, h0km, mb3.7/4, mbmp3.7/5, ML3.9/1, MS3.9/1, Error ellipse: s-maj=38.8km s-min=25.7km az=128.0

NEIC 06 05:24:05.4:1.2, 44.78S:0.08:80.1W:0.2, h10km, 2km, mb4.6/11, Error ellipse: s-maj=21.4km s-min=14.0km az=27.0

ICC 06 05:24:05.0:0.9, 44.72S:0.08:2W:0.1, h10km, n41, 0.15/33, mb4.0/8, Off coast of southern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Code Station Name, GO07 Milladeo Hill, etc.

NEIC 06 05:39:06.4:1.3, 17.14S:0.01:167.7E:0.1, h10km, 1km, mb4.6/8, Error ellipse: s-maj=22.9km s-min=7.9km az=261.0

ICC 06 05:39:06.0:2.0, 17.25S:167.37E, h0km, mb3.7/6, mbmp3.8/7, ML3.6/1, MS3.8/1, Error ellipse: s-maj=40.9km s-min=20.5km az=76.0

ICC 06 05:39:06.3:1.2, 17.18S:0.06:167.6E:0.2, h25km, n21, 0.17/20, mb4.0/8, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Code Station Name, SANVU Saraoutou, etc.

2020 SEP

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like L26K, M26K, K27K, L27K, BCAR, M27K, I28M, BARN, GRNC, CMAR, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like NVAR, NC60, AK03, AKASG, AKASG, AKASG, AK01, AK01, AK01, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like QSPA, TROLL, CONA, MOA, KBA, LESA, MYKA, ABTA, WTTA, MOTA, SQT, FETA, DAVA, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BICAZ, LUBAR, MI30, VAY, PEHC, VLAD, OZUR, KKB, GHR, ONER, MLR, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BRTR, BR104, KEZP, 154A, AGMN, KIRS, P43A, Q44A, KIRV, FFC, WVT, DBIC, F33A, SDDR, FVM, 352A, P40A, CSS, CSS, BELG, CCM, PBMO, R40A, CY604, KIV, KIV, KIV, LCAR, A36M, KBZ, YKAW3, YKA, YKA, YKA, S9A, S9A, MMAL, UALR, MIAR, ARTI, ARTI, ARTI, WLR, ASF, EIL, TUL3, GNI, OK051, BLOK, OK048, WRGL, RSSD, OK052, CBKS, EDM, URIC, W35A, INK, FNO, NOKA, NATX, EGMT, TREL, X34A, F30M, AKTO, E29M, Z35A, SDV, SDV, SDV, D27M, E28M, NBPS, G30M, BOAV, BOAV, BOAV, HNVL, F30M, H31M, WFTS, NRIK, NRIK, NRIK, C27K.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like SMWD, WHTX, PLPT, F28M, Y2NE, E27K, HKT, YMP, I30M, H29M, ISCO, AB31, ABKAR, D25K, BOZ, WTLY, J30M, APMT, YFT, YHB, ABTX, HAYD, G27K, PDAR, PDAR, DKNS, E25K, BRDY, DLMT, H27K, I28M, PAMC, BMAR, SN07, G26K, K29N, N32M, I27K, E20A, EF04, E24K, R33M, DAWY, NEW, NEW, L29M, E23K, SGCY, 129A, JCT, S22A, H10N2, H10N3, H10N1, D22K, N31M, HND0, G24K, RUSC, Q32M, Q32M, E22K, M29N, HWUT, K27K, PRP, PV15, COLD, E21K, BSUT, TMB01, ODSA, PV02, PV03, ITTB, PV13, PLID, BORK, BORK, H24K, 833A, BVAR, SPBC, BCAR, J25K, SCRK.

2020 SEP

6d 6h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RBK Rabkut, JLN Jalan Bani Buh, WMQ Urumqi, AQDB Aquidauana, AGDS Aquidauana, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MS6.4/26, Error ellipse, IS-CP 06:06:51, PTWC 06:06:51, GFZ 06:06:51, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GUA01 Guaratinga, ILAM Ilet Lapin Mar, ILAM Ilet Lapin Mar, etc.

IDC 06:06:47:40.2±1.8, 46.54N-28.28W, h0km, mb3.6/1, mbtmp3.6/2, ML4.4/1, Error ellipse: s-maj=204.3km s-min=32.2km az=10.0, Northern Mid-Atlantic Ridge

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like TEFE, CAM01, SALV, HAMP, PDPDR, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like DBIC, Dimbokro, DBIC, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like ROSC, El Rosal, ZGR, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like TINO Tinogasta, HRV Adam Dzewonski, ANCO Parque Anchore, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like S57A Dark Hollow, MRA San Martin, N5BA Sunbury, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like RTL5 Leoncito, GOGA Godfrey, GOGA Godfrey, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like HBAR, MURB, DRUM, DAVA, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like NUUK, L42A, KASTN, FUR, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like GRB4, LLO3, GRA3, P40A, etc.

Table with columns for station code, name, elevation, frequency, and other technical details. Includes stations like White River Ci, KIRS, PV01, etc.

Table with columns for station code, name, elevation, frequency, and other technical details. Includes stations like KTK1, EGMT, YWAZ, etc.

Table with columns for station code, name, elevation, frequency, and other technical details. Includes stations like FURI, POGA, POGA, etc.

Table with columns for station ID, name, frequency, and other details. Includes stations like ADZR, PFO, KLMR, DNR, FURC, QSM, VRH, etc.

Table with columns for station ID, name, frequency, and other details. Includes stations like ATD, MDPB, YES, GNI, WAKR, HAWA, etc.

Table with columns for station ID, name, frequency, and other details. Includes stations like G03D, B04A, COR, WISH, NLWA, etc.

Table with columns: ID, Name, Comp, Az, El, Az, El, Az, El, Az, El. Rows include I30M Mount Dempster, U33K Whale Pass, J30M Hart River, J30M comp=Z,49um,22.0s, GHWR Ruwais, DIB Dawson Inlet, CRAG Craig, CRAG Craig, G29M Pine Creek, ABPO Ambohimpanom, VOI Vohitsoka, R32K Eaglecrest, N31M Braeburn, N31M comp=Z,37um,21.0s, BESE Bessie Mountain, AKTO Aktyubinsk, AKTO comp=Z,176nm,1.2s, S32K Kilisno, S32K comp=Z,28um,19.0s, IQAG Skagway, I29M Ogilvie Camp, MZR Muzera, MZR Muzera, M27M Malcolm River, D27M comp=Z,165nm,1.1s, F28M Old Crow, J29N Klondike Camp, J29N comp=Z,43um,22.0s, SVE Sverdlouvs, SVE SVE, SVE SVE, FOMA Nahampoona Res, MZWR Madinat Zayid, MZWR Madinat Zayid, SIT Sitka, SIT Sitka, N30M Aishkik Lake, L29M L29M, E27K Coleen River, ABTO Aybut, ABTO SNR=15, S31K Pelican, S31K comp=Z,233nm,1.3s, I28M Miner Creek, M29M Somme Creek, DAWY Dawson, ELIB Princess Elisa, C27K Jago River, C27K comp=Z,116nm,0.9s, WHFO Wadi Hawf, WHFO SNR=11, P29M Windy Craggy, H27K Steamboat Moun, H27K comp=Z,94nm,0.9s, AJN Ajan, AJN Ajan, AB31 Akbulak array, AB31 Akbulak array, O29M Mount Kennedy, SBV Sambava, RBK Rabkut, ASUD Um Al Zommool, UMZA Um Al Zommool, F26K Sheenjek River, UMQ Umm Al-Quwin, G26K Porcupine Rive, FAQ AI Faqa, Dubai, FAQ AI Faqa, Dubai, NAZ Nazwa, Dubai, NAZ Nazwa, Dubai, D25K Kavir River, PNL Peninsula, B27K Burnt Mountain, B27K Chicken Creek, O28M Mount Upton, ALNE AI Ain, ALNE AI Ain, SHME Sham, L27K Beaver Creek A, DMTO DMTO, MASF Masafi, MASF Ema-Masafi, ASHO Ashiyah, ASHO Ashiyah, PCA Pinnacle, BANOM Banah, HATD Hatta, Dubai.

Table with columns: Name, Az, El, Az, El, Az, El, Az, El, Az, El. Rows include HATD Hatta, Dubai, UOSS Minazif, UOSS Minazif, UOSS Minazif, UOSS Minazif, MDH Madha, MDH Madha, M27K Edge Creek, M27K Edge Creek, BARN Bernard Glacier, BARN Bernard Glacier, SOHO SOHO, SOHO SOHO, D24K Happy Valley, D24K Happy Valley, SCRK Sand Creek, SCRK Sand Creek, ARQ Araqi, ARQ Araqi, ARQ M26K Nabesna, ARQ M26K Nabesna, YAH Yahtse, YAH Yahtse, MENT Menasta, MENT Menasta, C23K Hkiliq River, C23K Hkiliq River, J25K Saicha River, J25K Saicha River, MCARA McCarthy VSAT, MCARA McCarthy VSAT, RIDG Independent Ri, RIDG Independent Ri, V23K Verde Repeater, V23K Verde Repeater, D31K Hoqain, D31K Hoqain, HQB Gilahina Butte, HQB Gilahina Butte, BSY Bisya, BSY Bisya, K24K Donnelly Dome, K24K Donnelly Dome, H24K Noodor Dome, H24K Noodor Dome, IL31 Eielson Array, IL31 Eielson Array, ILAR Eielson Array, ILAR Eielson Array, ILAR Teahupku Lake, ILAR Teahupku Lake, BERG Berg Lake, BERG Berg Lake, HARP HAAR, HARP HAAR, HDA Harding Lake, HDA Harding Lake, BMRM Bremner River, BMRM Bremner River, COLA College, COLA College, COLA College, COLA College, COLA College, COLA College, CCB Clear Creek Bu, CCB Clear Creek Bu, D22K Ayiyak River, D22K Ayiyak River, G23K Bananza Creek, G23K Bananza Creek, RAGM Ragged Mountai, RAGM Ragged Mountai, BIDO Bidib, BIDO Bidib, SMDO Samad, SMDO Samad, KAIM Kayak Island, KAIM Kayak Island, WRH Wood River Hill, WRH Wood River Hill, H23K Yukon River, H23K Yukon River, JMDO Jabal Madar, JMDO Jabal Madar, JMDO Klutina, JMDO Klutina, KLU Klutina, KLU Klutina, MHTO MHTO, MHTO MHTO, MHTO Divide, MHTO Divide, DIV Denali Highway, DIV Denali Highway, NEA2 Nenana, NEA2 Nenana, EYAK Cordova Ski Ar, EYAK Cordova Ski Ar, EYAK Cordova Ski Ar, EYAK Cordova Ski Ar, WSAR Wadi Sarin, WSAR Wadi Sarin, WSAR Wadi Sarin, WSAR Wadi Sarin, SYO Syowa Base, SYO Syowa Base, E21K Killik River, E21K Killik River, MCK McKinley, MCK McKinley, SCM Sheep Creek Mo, SCM Sheep Creek Mo, BWN Browne, BWN Browne.

Table with columns: Name, Az, El, Az, El, Az, El, Az, El, Az, El. Rows include B20K Meade River, B20K Meade River, HIN Hinchock, HIN Hinchock, WBK Wadi Bani Khal, WBK Wadi Bani Khal, GLI Glacier Island, GLI Glacier Island, SML Sawmill, SML Sawmill, SML Allakaket, SML Allakaket, G21K Allakaket, G21K Allakaket, TRF Thorofare Moun, TRF Thorofare Moun, KNK Knik Glacier, KNK Knik Glacier, JLN Janan Bani Suh, JLN Janan Bani Suh, JLN Janan Bani Suh, P23K Montague Island, P23K Montague Island, GHO Glory Hole Cre, GHO Glory Hole Cre, PWL Port Wells, PWL Port Wells, PWL Port Wells, KTH Kantishna Hill, KTH Kantishna Hill, IMAR Indian Mountai, IMAR Indian Mountai, PMR Palmer, PMR Palmer, HRA Herat, HRA Herat, CUT Chulina, CUT Chulina, CUT Chulina, C19K Lookout Ridge, C19K Lookout Ridge, M22K Willow, M22K Willow, M22K Willow, RC01 Rabbit Creek A, RC01 Rabbit Creek A, RC01 Rabbit Creek A, CAST Castle Rocks, CAST Castle Rocks, O22K Cooper Landing, O22K Cooper Landing, O22K Cooper Landing, SEW Seward, SEW Seward, SEW Seward, SUA Susitna One, SUA Susitna One, PPLA Purkeypile, PPLA Purkeypile, I20K Naagdenehel, I20K Naagdenehel, BORK Borovoye, BORK Borovoye, BORK Borovoye, BORK Borovoye, BVAR Borovoye Array, BVAR Borovoye Array, SLKM Skiklak Lake, SLKM Skiklak Lake, NRIK Nori'sk, NRIK Nori'sk, NRIK Nori'sk, NRIK Nori'sk, NRIK Nori'sk, F19K Shalerucik Mo, F19K Shalerucik Mo, C18K Utukok River, C18K Utukok River, CAPN Captain Cook N, CAPN Captain Cook N, K20K Telida, K20K Telida, M20K Styx River, M20K Styx River, L20K Farewell, L20K Farewell, G18K Tagawewik, G18K Tagawewik, CNPM China Poot, CNPM China Poot, HOM Home, HOM Home, RDOG Red Dog Mine, RDOG Red Dog Mine, H18K Honhosa River, H18K Honhosa River, PTCN Pitcairn Islan, PTCN Pitcairn Islan, C16K Lisburne Hills, C16K Lisburne Hills, N19K Bonanza Creek, N19K Bonanza Creek, N19K Bonanza Creek, H17K Granite Mounta, H17K Granite Mounta, O19K Port Alsworth, O19K Port Alsworth, L18K Granite Mounta, L18K Granite Mounta, Q19K Cape Douglas, Q19K Cape Douglas, KDAK Kodiak Island, KDAK Kodiak Island, KDAK Kodiak Island, KDAK Kodiak Island, KDAK Kodiak Island, KDAK Kodiak Island, C16K Kodiak Island, C16K Kodiak Island, N19K Kodiak Island, N19K Kodiak Island, BRLS Boroday, BRLS Boroday, BRLS Boroday, BRLS Boroday, M17K Holitna River, M17K Holitna River, CHM Chinkent, CHM Chinkent, CHM Chinkent, CHM Chinkent.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for PB05, PB06, TA02, PB08, PB11, PSGCX, AF01, PB12, AP01, AC02.

UCR 06:07:46:21.6i,0.6,8.27N-82.99W, h17km,5km, MW3.6, Presumed earthquake

UPA 06:07:46:22.3i,1.0,8.33N-82.92W, h12km,3km, MW3.5, Presumed earthquake

ISC 06:07:46:21.9i,1.0,8.31N-0.03,82.96W,0.03, h17km,8km, n31, c064/44, 1C-10D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for PTPM, PTPA, LIMO3, LIMO3, LIMO3, NELY, NELY, NELY, FITO, PIRO, MLIR3, DVID, BRUZ, BRUZ, SCIRA, CLRA, LOMA3, PTA3, CHIR3, BOTLY, BOSF3, LNB03, LNB03, BURE, RBALA, SAJE, CN2, KNKTU, PIEC, ABE2, LCR2, GMAL, BCIP, GAMB1.

KRSC 06:07:54:21.1i,2.0,58.96N,158.21E, h20km,13km, M3.8

NERS 06:07:54:36.5,58.91N,157.87E, h33km

ISC 06:07:54:25.9i,0.9,58.76N,0.04,158.83E,0.03, h10km, n19, c2511/26, Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for PALN, TIGL, OSSR, OSSR, OSSR, KOZ, ESO, CIRP, BZWR, ZLN, BZMR, BZGR, KMINR, TUMRK, GADL, TLAR, TLAR, TLAR, MA2.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for MA2, MGD, SEY, SEY, SUUS, SUUS.

WEL 06:07:57:09.1,4.33,33.34,18.0E,4.3, h322km,56km, M3.7/7, mb4.2/8, ML3.9/5, MLV4.1/7, Mw(Mb)3.3/7, Error ellipse: s-maj=64.7km s-min=31.1km az=123.5, confirmed, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for WMGZ, WMGZ, WMGZ, PKGZ, PKGZ, PUKZ, PUKZ, RUGZ, RUGZ, TWGZ, TWGZ, MWZ, MWZ, TKGZ, TKGZ, URZ, URZ, MURZ, MURZ, KAHZ, KAHZ, RAHZ, RAHZ, MTHZ, MTHZ, KAHZ, KAHZ, PKZ, PKZ, WPHZ, WPHZ, PRHZ, PRHZ.

IDC 06:08:06:49.5i,1.9,18.00S,178.03W, h625km,20km, mb2.8/8, mbmp3.8/9, Error ellipse: s-maj=38.9km s-min=17.1km az=146.0

ISC 06:08:06:47.0i,3.0,18.1S,0.2,177.8W,0.2, h600km, n11, c130/13, mb3.3/8, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for MSVF, STKA, WRA, WRA, ASAR, ASAR, QSPA, NVAR, TXAR, ILAR, PDAR, GERES, DAVOX.

NOU 06:08:28:09.4,17.12S,167.76E, h3km, MLV4.2/12, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for RTV, RTV, SANUV, KOUNC, NOUC.

IDC 06:08:29:45.4i,0.5,7.74N,37.29W, h0km, mb4.2/22, mbmp4.2/23, ML3.1/1, Error ellipse: s-maj=17.9km s-min=13.4km az=139.0

NEIC 06:08:29:47.4i,1.6,7.8N,0.1,37.2W,0.1, h10km,1km, mb4.6/62, Error ellipse: s-maj=25.0km s-min=20.1km az=139.0

ISC 06:08:29:46.7i,0.4,7.73N,0.06,37.29W,0.07, h10km, n110, c1950/90, mb4.5/62, 2D, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for NBMO, NBMO, NBPS, NBPS, NBPV, NBPV, NBMA, NBMA, NBMA, MDP, MDP, MDP, NBTA, NBTA, NBTA, SDBA, SDBA, SDBA, ITTB, ITTB, GOAV, GOAV, BOAV, BOAV, SNDB, SNDB, H05S1, H05S1, H05N1, H05N1, BDFB, BDFB, BDFB, CLDB, CLDB, SJMB, SJMB.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for ARAG, H10N3, H10N2, H10N1, H10H3, H10S2, CELP, PTLB, PTLB, DBIC.

PET01 Hanhaem-SP 33.28 197 eP P 08 36 25.4 +0.8

TORD Torodi Ar Ba 38.66 79 P P 08 37 10.6 -0.5

TORD comp=2.8,9nm,0.6s,baz=272,slow=1.5,SNR=2.2

LPAZ La Paz 38.75 232 P P 08 37 12.3 +0.1

LPAZ La Paz 38.75 232 P P 08 37 12.5 +0.3

MD01 Midlett array S 39.16 236 eP P 08 37 13.6 -1.5

MDT Midlett 39.24 46 P P 08 37 16.6 +1.0

BRUZ Volcan 44.02 275 P P 08 38 02.4 0.0

060A Indianatun 45.08 301 P P 08 38 04.3 +1.1

LMQ La Malbaie 48.62 331 P P 08 38 31.7 +1.1

HODGE Hodges 49.03 309 P P 08 38 35.6 +1.6

TIGA Tifton 49.11 305 P P 08 38 36.6 +1.9

TGUH Tegucigalpa,Un 49.41 282 P P 08 38 38.3 +1.0

BG3 Lake Jocassee 49.31 310 P P 08 38 41.1 +1.0

W50A Signal Mountain 51.72 309 P P 08 38 54.6 +0.2

Q51A Peebles 51.72 314 P P 08 38 54.3 -0.1

SCHO Schefferville 52.57 339 P P 08 38 59.8 -0.6

BO02 Sierra Bellavi 52.82 215 P P 08 39 03.9 +1.3

V48A Smith Brothers 53.06 309 P P 08 39 04.9 +0.5

EKA Eskdalemarir 54.66 23 P P 08 39 15.1 -0.6

DAVOX Daves/Dischmat 55.94 37 P P 08 39 26.0 +0.7

SQTA Sankt Quirin 56.95 38 eP P 08 39 35.6 +3.2

PLCA Paso Flores 57.12 210 P P 08 39 35.0 +1.4

WATA Waideim 57.22 38 eP P 08 39 34.3 -0.1

ABTA Abfalterbach 57.53 39 eP P 08 39 37.9 +1.4

LESA Schwarzleote 57.93 38 eP P 08 39 39.4 +0.2

MYKA Terra Mystica 58.18 39 eP P 08 39 43.0 +2.0

S39A Bolivar 58.63 310 P P 08 39 44.4 +0.1

OBKA Obir 58.70 39 eP P 08 39 45.1 +0.4

SOKA Soboth 59.07 39 eP P 08 39 48.1 +0.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cerrillos, Aguadilla, PR, and various other locations.

IDC 06 10:09:28.1±0.7, 17.02Sx167.77E, h0km, mb4.2/13, mbmp4.2/14, ML3.7/1, MS3.4/4, Error ellipse: s-maj=23.9km s-min=14.2km az=98.0, NEIC 06 10:09:29.6±1.3, 17.08Sx167.7E±0.1, h7km, 5km, mb4.7/16, Error ellipse: s-maj=18.1km s-min=7.8km az=83.0, NOU 06 10:09:29.5, 17.13Sx167.87E, h12km, MLv4.7/24, Vanuatu Islands

ISC 06 10:09:31.0±0.5, 17.10Sx167.81E±0.08, h21km, n80, α1502/75, mb4.5/21, MS3.2/3, AC, Vanuatu Islands

Main table of station data for the left column, including codes like RTV, SANVU, WBO, WRA, etc., and station names like Rentapao, Saraoutou, Warramunga Arr, etc.

Table of station data for the middle column, including codes like SNA, VNA3, VNA2, etc., and station names like Sanae, Neumayer Olymp, etc.

TEH 06 10:21:55.4±0.9, 29.51N-51.99E, h8km, 24km, ML3.6, OMAN 06 10:21:58.6±0.9, 29.30N-52.07E, h10km, mb3.5/11, mb3.7/7, Error ellipse: s-maj=11.4km s-min=4.4km az=22.0, DSN 06 10:21:59.7±1.1, 29.14N-52.02E, h10km, ML3.9/9, Error ellipse: s-maj=16.8km s-min=6.0km az=13.0, ISC 06 10:21:56.3±0.9, 29.46N-10.05E±52.04E, 0.04, h10km, n52, α1522/66, Southern Iran

ISC 06 10:21:56.3±0.9, 29.46N-10.05E±52.04E, 0.04, h10km, n52, α1522/66, Southern Iran

Main table of station data for the middle column, including codes like KAZ, SHI, DSB, etc., and station names like Kazeron-Fars-I, Shiraz, etc.

Main table of station data for the right column, including codes like mbmp3, NEIC 06, ISC 06, etc., and station names like mamp3, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Llanos de Chal, Copiapo, Mina Casimiro, Las Campanas, El Transito, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Chiang Mai Arr, Chiang Mai, Chiengmai2, SAIHA, SAIH, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Matusshiro Arr, Hachiojima 2, Ussuriysk Arr, Korea Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Port Blair, Umpang Tak, Chieng Mai Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Warramunga Arr, Alice Springs, Eielson Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Smir Dam, Ceuta, Cap Sparte, etc.

IDC 06 11:36:43.70.5, 14.11N:93.08E, h0km, mb4.0/8, mbmp3.1/3, Error ellipse: s-maj=17.1km s-min=14.7km az=166.0

IDC 06 11:43:31.4.2.3, 5.85S:151.91E, h0km, mb3.1/3, mbmp3.1/3, Error ellipse: s-maj=149.4km s-min=32.5km az=127.0, New Britain region

JMA 06 11:54:17.7.0.0, 39.8N:02.143.4E:0.3, h14km, MV3.8/33, FAR E OFF SANRIKU

NEIC 06 11:36:45.7.0.5, 14.06N:07.93.1E:0.1, h10km, 1km, mb4.1/6, Error ellipse: s-maj=19.7km s-min=12.2km az=100.0

ASAR Alice Springs 24.30 221 P P 11 48 51.0 +0.1

NIED 06 11:54:17.7.39.77N:143.42E, h14km, MW3.8, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm

NDI 06 11:36:53.6.2.4, 14.14N:92.96E, h37km, 29km, ML4.0, MW4.0, mb4.1(NEIC), Presumed earthquake

ILAR Eielson Array 83.73 22 P P 11 56 01.9 -0.1

ISC 06 11:54:14.2.1.2, 39.8N:01.143.7E:0.2, h6km, n17, s=057.9, mb3.87, Off east coast of Honshu

BKK 06 11:36:57.9.1.0, 14.14N:92.96E, h22km, 12km, M3.7/19, mb4.3/11, mb4.1/14, Mw3.5/19, ML4.3/13, ML3.9/13, Mw(mB)3.4/11

WRA Warramunga Arr 21.55 228 P P 11 48 22.7 +0.1

Code Station Name Azimuth Phase ID Time Res

ISC 06 11:36:48.0.0.5, 14.09N:0.05.93.17E:0.06, h32km, n51, s=198/45, mb4.1/9, MS4.0/5, Andaman Islands region

NNC 06 11:53:00.2.0.2, 53.44N:87.48E, h0km, mb3.7, mpv3.4, 4C-10D, Error ellipse: s-maj=15.8km s-min=7.1km az=60.0, Suspected Mining explosion, Southwestern Siberia

Code Station Name Azimuth Phase ID Time Res

Code Station Name Azimuth Phase ID Time Res

Code Station Name Azimuth Phase ID Time Res

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Code Station Name Azimuth Phase ID Time Res

NEIC 06 12:19:45.9.0.6, 19:21N, 0:03:155.47W, 0.02, h33km, 3km, ML4.3/44, ML4.1/38(HVO), Error ellipse: s-maj=4.4km s-min=2.8km az=184.0

HVO 06 12:19:47.6.0.8, 19:19N, 0:05:155.47W, 0.02, h32km, 7km, Error ellipse: s-maj=7.2km s-min=1.8km az=166.0

PTWC 06 12:19:47.19:30N, 155:50W, M3.8/38 ISC 06 12:19:46.2.1.0, 19:23N, 0:03:155.49W, 0.02, h33km, 2km, n93, c0945/108, Hawaiian Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

Table with columns: GHO, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

NOU 06 12:34:39.9, 15:66S, 166:92E, h30km, ML4.2/10, Vanuatu Islands, Vanuatu Islands

Table with columns: Call sign, Name, Frequency, Band, Mode, Power, and other technical details for stations in the 393 range.

Table with columns: Call sign, Name, Frequency, Band, Mode, Power, and other technical details for stations in the 400-410 MHz range.

Summary information for the 400-410 MHz range, including coordinates, station names, and technical specifications.

Table with columns: Call sign, Name, Frequency, Band, Mode, Power, and other technical details for stations in the 410-430 MHz range.

Table with columns: Call sign, Name, Frequency, Band, Mode, Power, and other technical details for stations in the 430-450 MHz range.

Table with columns: Call sign, Name, Frequency, Band, Mode, Power, and other technical details for stations in the 450-475 MHz range.

Table with columns: Call sign, Name, Frequency, Band, Mode, Power, and other technical details for stations in the 475-490 MHz range.

Table with columns: Call sign, Name, Frequency, Band, Mode, Power, and other technical details for stations in the 490-510 MHz range.

Table with columns: Call sign, Name, Frequency, Band, Mode, Power, and other technical details for stations in the 510-530 MHz range.

Table with columns: Call sign, Name, Frequency, Band, Mode, Power, and other technical details for stations in the 530-550 MHz range.

Table with columns: Call sign, Name, Frequency, Band, Mode, Power, and other technical details for stations in the 550-575 MHz range.

STKA	Stephens Creek	41.17 245	P	P	15 03 04.2 -0.5
ARPS	Mount Arapiles	41.60 238	P	P	15 03 07.8 -0.4
INKA	Innamint	41.77 251	P	P	15 03 10.1 +0.5
QIS	Mount Isa	43.39 262	P	P	15 03 20.7 -2.3
QIS	Mount Isa	43.39 262	P	P	15 03 24.2 +1.2
AUMBR	Murray Bridge	43.41 240	P	P	15 03 22.7 -0.2
HTT	Hallett	43.55 243	P	P	15 03 23.3 -0.8
HTT	Hallett	43.55 243	P	P	15 03 24.3 +0.2
HTT	Hallett	43.55 243	P	P	15 03 23.3 -0.8
AJMAR	Marden Senior	43.91 241	P	P	15 03 27.4 +0.4
WAKE	Wake Island	44.03 333	P	P	15 03 28.1 +0.1
WAKE	Wake Island	44.03 333	P	P	15 03 27.6 -0.4
BBOO	Buckleboole	45.91 244	P	P	15 03 41.2 -1.8
BBOO	Buckleboole	45.91 244	P	P	15 03 43.6 +0.7
BBOO	Buckleboole	45.91 244	P	P	15 03 42.3 -0.6
BBOO	Buckleboole	45.91 244	Iamb	Iamb	15 03 43.3
BBOO	Buckleboole	45.91 244	P	P	15 03 41.2 -1.8
AS17	Alice Springs	48.12 256	P	P	15 03 59.1 -1.3
AS01	Alice Springs	48.16 256	P	P	15 04 01.4 +0.7
AS09	Alice Springs	48.16 256	P	P	15 03 59.4 -1.4
WR0	Warramunga Arr	48.21 261	P	P	15 03 59.0 -1.8
AS15	Alice Springs	48.20 256	P	P	15 03 59.7 -1.3
GENI	Genyem	48.20 286	P	P	15 04 03.1 +2.1
GENI	Genyem	48.20 286	P	P	15 04 00.4 -0.6
GENI	Genyem	48.20 286	P	P	15 03 59.2 -1.8
AS31	Alice Springs	48.20 256	P	P	15 03 59.6 -1.5
ASAR	Alice Springs	48.20 256	P	P	15 03 59.3 -1.8
ASAR	Alice Springs	48.20 256	PcP	PcP	15 05 28.3 +0.1
ASAR	Alice Springs	48.20 256	S	S	15 10 55.5 -4.5
WR8	Warramunga Arr	48.21 261	Iamb	Iamb	15 04 01.7
AUALC	St Philip's Co	48.22 256	P	P	15 04 00.7 -0.5
WB0	Warramunga Arr	48.35 262	Iamb	Iamb	15 04 05.7
WB9	Warramunga Arr	48.35 262	P	P	15 04 00.2 -2.0
WB2	Warramunga Arr	48.35 261	P	P	15 04 00.3 -1.9
WB1	Warramunga Arr	48.35 261	P	P	15 04 00.3 -1.9
WRAB	Tennant Creek	48.36 261	P	P	15 04 00.8 -1.4
WRAB	Tennant Creek	48.36 261	Pmax	Pmax	15 04 00.8 -1.4
WRAB	Tennant Creek	48.36 261	MLR	MLR	15 04 00.8 -1.4
WRAB	Tennant Creek	48.36 261	Iamb	Iamb	15 04 02.1
WRAB	Tennant Creek	48.36 261	P	P	15 03 59.8 -2.4
WR1	Warramunga Arr	48.36 261	P	P	15 04 00.4 -1.9
WR4	Warramunga Arr	48.37 261	P	P	15 04 00.1 -2.1
WRA	Warramunga Arr	48.37 261	PcP	PcP	15 05 29.1 +0.3
KDU	Kakadu	51.78 270	P	P	15 04 27.0 -1.3
FORT	Forrest	52.74 247	P	P	15 04 34.0 -1.2
FORT	Forrest	52.74 247	P	P	15 04 34.3 -0.9
GUMO	Guam	52.92 307	P	P	15 04 37.0 +0.4
GUMO	Guam	52.92 307	Pmax	Pmax	15 04 35.7 -0.9
GUMO	Guam	52.92 307	MLR	MLR	15 04 35.7 -0.9
GUMO	Guam	52.92 307	P	P	15 04 35.7 -0.9
GUMO	Guam	52.92 307	P	P	15 04 34.2 -2.3
MTN	Manton Dam	52.99 269	P	P	15 04 35.5 -1.7
WRKA	Warakurna	53.10 254	P	P	15 04 36.9 -1.1
DRS	Darwin Rock St	53.33 270	P	P	15 04 41.2 +1.5
MWPI	Manokwari, Pap	54.45 284	P	P	15 04 47.7 -0.2
KNRA	Kununurra	54.46 265	P	P	15 04 43.6 -4.4
DRV	Dumont d'Urville	55.21 201	P	P	15 04 49.7 +2.2
FAKI	Fak Fak	55.28 281	P	P	15 04 55.8 +1.8
FAKI	Fak Fak	55.28 281	Iamb	Iamb	15 04 52.8 -1.2
FAKI	Fak Fak	55.28 281	P	P	15 04 55.4
FAKI	Fak Fak	55.28 281	P	P	15 04 52.3 -1.7
FAKI	Fak Fak	55.28 281	P	P	15 04 51.2 -2.8
FITZ	Fitzroy Crossi	56.80 261	P	P	15 05 04.0 -0.7
FITZ	Fitzroy Crossi	56.80 261	P	P	15 05 04.0 -0.7
FITZ	Fitzroy Crossi	56.80 261	P	P	15 05 03.5 -1.2
KMBL	Kambalda	57.97 245	P	P	15 05 11.8 -1.1
SBA	Scott Base	57.99 185	P	Pmax	15 05 13.0 +0.8
SBA	Scott Base	57.99 185	P	P	15 05 13.0 +0.8
SBA	Scott Base	57.99 185	Iamb	Iamb	15 05 29.5
SBA	Scott Base	57.99 185	P	P	15 05 14.6 +2.3
VNDA	Vanda	58.11 186	P	P	15 05 15.3 +2.2
VNDA	Vanda	58.11 186	Iamb	Iamb	15 05 14.6 +1.4
VNDA	Vanda	58.11 186	P	P	15 05 16.3 +3.1
RPN	Rapa Nui	58.84 110	LR	LR	15 26 12.1
NLAI	Namlea	59.91 179	P	P	15 05 25.7 -0.9
NLAI	Namlea	59.91 179	pP	pP	15 05 35.8 +0.3
SOEI	Soe	60.33 270	P	P	15 05 30.2 +0.6
SOEI	Soe	60.33 270	P	P	15 05 29.8 +0.2
SOEI	Soe	60.33 270	P	P	15 05 28.8 -0.9
TNTI	Ternate	61.22 283	P	P	15 05 35.1 -0.4
TNTI	Ternate	61.22 283	P	P	15 05 34.0 -1.4
TNTI	Ternate	61.22 283	P	P	15 05 34.1 -1.4
TNTI	Ternate	61.22 283	P	P	15 05 34.6 -1.0
SANI	Sanana	61.38 279	P	P	15 05 36.2 -0.4
SANI	Sanana	61.38 279	P	P	15 05 34.8 -1.8
SANI	Sanana	61.38 279	P	P	15 05 35.1 -1.6
KLBR	Kellerberrin	61.45 245	P	P	15 05 37.2 +0.3
KLBR	Kellerberrin	61.45 245	P	P	15 05 37.7 +0.8
KLBR	Kellerberrin	61.45 245	P	P	15 05 37.1 +0.3
MEEK	Meekeatharra	61.47 250	P	P	15 05 36.8 -0.3
MEEK	Meekeatharra	61.47 250	P	P	15 05 38.0 +0.9
MEEK	Meekeatharra	61.47 250	P	P	15 05 36.3 -0.8
MBWA	Marble Bar	61.55 257	P	P	15 05 36.7 -1.0
MBWA	Marble Bar	61.55 257	P	P	15 05 36.3 -1.4
MBWA	Marble Bar	61.55 257	P	P	15 05 33.9 -3.7

MBWA	Marble Bar	61.55 257	P	P	15 05 35.9 -1.7
MBWA	Marble Bar	61.55 257	P	P	15 05 36.3 -1.4
NWAO	Narrogin (SRO)	61.71 243	P	P	15 05 38.4 -0.2
NWAO	Narrogin (SRO)	61.71 243	P	P	15 05 38.8 +0.2
NWAO	Narrogin (SRO)	61.71 243	Pmax	Pmax	15 05 38.8 +0.2
NWAO	Narrogin (SRO)	61.71 243	MLR	MLR	15 05 38.8 +0.2
NWAO	Narrogin (SRO)	61.71 243	P	P	15 05 44.8 +0.1
MMRI	Maugere	62.59 271	P	P	15 05 42.9 -1.8
MMRI	Maugere	62.59 271	P	P	15 05 42.9 -1.8
MMRI	Maugere	62.59 271	P	P	15 05 43.2 -1.6
MMRI	Maugere	62.59 271	P	P	15 05 41.3 -3.9
MUN	Mundaring	62.70 244	P	P	15 05 46.2 +1.0
MUN	Mundaring	62.70 244	P	P	15 05 41.3 -3.9
MORW	Morawa	63.30 247	P	P	15 05 49.7 +0.4
MORW	Morawa	63.30 247	P	P	15 05 50.4 +1.1
MORW	Morawa	63.30 247	P	P	15 05 49.3 -0.1
MORW	Morawa	63.30 247	P	P	15 05 49.2 -0.1
MORW	Morawa	63.30 247	P	P	15 05 51.0 -1.8
MORW	Morawa	63.30 247	P	P	15 05 53.9 -0.7
WSI	Waingapu	64.08 269	P	P	15 05 53.9 -0.7
LUWI	Luwuk	64.74 279	P	P	15 06 00.6 +1.7
LUWI	Luwuk	64.74 279	P	P	15 05 58.1 -0.8
LUWI	Luwuk	64.74 279	P	P	15 05 56.6 -2.3
LUWI	Luwuk	64.74 279	P	P	15 05 57.7 -1.9
LBFI	Labuhan Bajo	64.83 270	P	P	15 06 02.8 +0.1
CASY	Casey	65.45 206	P	P	15 06 03.8 +1.1
CASY	Casey	65.45 206	P	P	15 06 13.2 +1.6
PLAI	Plampang	66.70 269	P	P	15 06 10.6 -1.0
PLAI	Plampang	66.70 269	P	P	15 06 10.6 -1.0
PLAI	Plampang	66.70 269	P	P	15 06 10.6 -1.0
TOLJ	Tolitoli	67.39 280	P	P	15 06 15.6 -0.4
TOLJ	Tolitoli	67.39 280	P	P	15 06 15.3 -0.7
PCI	Palu	67.51 278	P	P	15 06 16.7 -0.1
QSPA	South Pole Qui	69.40 180	P	P	15 06 29.0 +1.1
QSPA	South Pole Qui	69.40 180	P	P	15 06 28.7 +0.8
QSPA	South Pole Qui	69.40 180	P	P	15 06 30.1 +2.2
MYLDM	Lahad Datu	71.09 283	P	P	15 06 40.7 +1.8
MYLDM	Lahad Datu	71.09 283	Iamb	Iamb	15 07 13.4
MYLDM	Lahad Datu	71.09 283	P	P	15 06 38.5 -0.4
MYLDM	Lahad Datu	71.09 283	P	P	15 06 38.2 -0.7
BBKI	Banjjar Baru	71.24 273	P	P	15 06 39.6 -0.3
KIWB	Kanaga Island	72.27 358	P	P	15 06 45.9 +0.7
ADK	Adak	72.28 358	P	P	15 06 46.8 +1.6
ADK	Adak	72.28 358	P	P	15 06 45.3 +0.1
ADK	Adak	72.28 358	IAMS_20	IAMS_20	15 44 51.2
ADK	Adak	72.28 358	P	P	15 06 45.4 +0.1
PKGI	Palangkaraya	72.48 274	P	P	15 06 47.5 +0.2
JGF	Kuroka	72.54 320	P	P	15 06 49.4 +2.2
JGF	Kuroka	72.54 320	P	P	15 06 47.6 +0.4
JGF	Kuroka	72.54 320	P	P	15 06 46.1 -1.2
ATKA	Atka Island	72.56 360	P	P	15 06 48.1 +1.3
ATKA	Atka Island	72.56 360	IAMS_20	IAMS_20	15 44 34.4
SNJI	Sawahan-Nganju	72.67 268	P	P	15 06 49.5 +0.8
MJAR	Matsushiro Arr	72.68 321	P	P	15 06 47.9 0.0
MJAR	Matsushiro Arr	72.68 321	Pmax	Pmax	15 06 48.3 +0.3
MJAR	Matsushiro Arr	72.68 321	Pmax	Pmax	15 06 48.3 +0.3
MJAR	Matsushiro Arr	72.68 321	Iamb	Iamb	15 06 48.2 +0.3
MJAR	Matsushiro Arr	72.68 321	P	P	15 06 50.0 +2.0
MAJO	Matsushiro	72.68 321	P	P	15 06 47.8 -0.2
MAJO	Matsushiro	72.68 321	Pmax	Pmax	15 06 47.8 -0.2
MAJO	Matsushiro	72.68 321	MLR	MLR	15 06 47.8 -0.2
MAJO	Matsushiro	72.68 321	Iamb	Iamb	15 06 47.8 -0.2
MAJO	Matsushiro	72.68 321	Iamb	Iamb	15 07 02.3
MAJO	Matsushiro	72.68 321	P	P	15 06 46.5 -1.5
MJB9	Matsu-Tunnel	72.68 321	Iamb	Iamb	15 07 03.2
PCJI	Pacitan	73.08 267	P	P	15 06 50.6 -0.3
JMN	Monobe	73.48 317	P	P	15 06 54.7 +1.8
KKM	Kota Kinabalu	73.52 283	P	P	15 07 54.8 +1.0
KKM	Kota Kinabalu	73.52 283	Iamb	Iamb	15 07 08.8
KKM	Kota Kinabalu	73.52 283	P	P	15 06 52.2 -1.4
KKM	Kota Kinabalu	73.52 283	P	P	15 06 52.4 -1.1
JTM	Temabayahashi	74.08 326	P	P	15 06 58.3 +2.2
HULI	Fort Hunter Li	75.24 42	Iamb	Iamb	15 07 17.8
HULI	Fort Hunter Li	75.24 42	IAMS_20	IAMS_20	15 36 42.0
FORD	Fort Ord Natur	75.33 41	IAMS_20	IAMS_20	15 38 12.4
JRSC	Jasper Ridge	75.51 40	IAMS_20	IAMS_20	15 38 02.4
SAO	San Andreas Ge	75.58 41	P	P	15 07 06.9 +2.0
SAO	San Andreas Ge	75.58 41	Iamb	I	

397	DLMT	IAMS_20	IAMS_20	15 52 43.8
SNOW	comp=Z,2.4m,18.0s Snow King Moun comp=Z,46nm,1.6s	86.14	41	Iamb Iamb 15 08 20.0
SNOW	comp=Z,3.4m,18.0s			IAMS_20 IAMS_20 15 52 31.6
GO06	Curarrehue	86.17	131	IAMS_20 IAMS_20 15 40 27.4
GO06	Curarrehue	86.17	131	P P 15 08 04.0 +2.2
MSO	Misoula	86.18	37	IAMS_20 IAMS_20 15 51 20.0
TIA	Tai'an	86.25	311	P Pmax 15 08 02.8 +0.9
PLCA	comp=Z,2.2nm,1.0s Paso Flores	86.35	132	P P 15 08 03.6 +1.0
PLCA	comp=Z,4.4nm,1.1s,baz=235,slow=5.8,SNR=8.8 Paso Flores	86.35	132	eP P 15 08 09.1 +6.5
PLCA	Paso Flores	86.35	132	P P 15 08 06.1 +3.5
M26K	Nabesna, AK	86.35	14	IAMS_20 IAMS_20 15 46 34.1
MCK	MKinley	86.36	11	IAMS_20 IAMS_20 15 52 40.8
HYT	Haines Junctio	86.37	17	Iamb Iamb 15 08 16.0
H18K	Honhosa River	86.38	7	IAMS_20 IAMS_20 15 46 00.8
LDM	Libby Dam	86.39	35	Iamb Iamb 15 08 24.2
F15K	North Star Dlt	86.40	4	Iamb Iamb 15 08 04.2
F15K	comp=Z,3.7nm,1.3s			IAMS_20 IAMS_20 15 45 00.6
Q32M	Nakina River	86.42	20	Iamb Iamb 15 08 16.4
P32M	Atlin	86.46	19	Iamb Iamb 15 08 06.4
BW06	Boulder Array	86.50	42	IAMS_20 IAMS_20 15 52 04.1
PDAR	Pinedale Array	86.50	42	P P 15 08 02.7 -0.5
PDAR	Pinedale Array	86.50	42	P P 15 08 01.1 -2.1
I20K	Naagdeneseal	86.50	8	IAMS_20 IAMS_20 15 46 32.8
M27K	Edge Creek, AK	86.57	14	IAMS_20 IAMS_20 15 46 38.8
YHL	Hebgen Lake	86.64	39	Iamb Iamb 15 08 26.8
MENT	Mentasta	86.67	13	P P 15 08 03.9 +0.6
MENT	Mentasta	86.67	13	Iamb Iamb 15 08 20.0
BWN	Growne	86.68	10	IAMS_20 IAMS_20 15 36 35.9
MSTX	Muleshoe	86.77	52	Iamb Iamb 15 08 34.7
BOZ	Bozeman (W)	86.80	38	P P 15 08 05.4 +0.9
BOZ	Bozeman (W)	86.80	38	Iamb Iamb 15 08 26.6
BOZ	comp=Z,4.8nm,1.6s			IAMS_20 IAMS_20 15 52 49.2
L26K	Log Cabin Wild	86.83	13	Iamb Iamb 15 08 20.8
ELIB	Princess Elisa	86.87	185	dP P 15 08 05.3 +0.8
LKWY	Lake	86.95	40	IAMS_20 IAMS_20 15 48 58.3
WHY	Whitehorse	86.97	18	Iamb Iamb 15 08 25.1
N30M	Aishikk Lake	87.01	17	IAMS_20 IAMS_20 15 47 11.1
K24K	Donnelly Dome	87.02	12	IAMS_20 IAMS_20 15 47 17.9
G18K	Tagagakiv	87.07	6	IAMS_20 IAMS_20 15 46 15.2
NEAC	Sterling City	87.07	54	Iamb Iamb 15 08 14.2
SGA2	Nenana	87.10	10	Iamb Iamb 15 08 08.9
NEA2	comp=Z,4.1nm,1.4s			IAMS_20 IAMS_20 15 47 02.2
RIDG	Independent Rl	87.14	12	Iamb Iamb 15 08 11.7
RIDG	comp=Z,3.7nm,1.1s			IAMS_20 IAMS_20 15 46 35.2
R33M	Jennings River	87.18	20	Iamb Iamb 15 08 09.5
R33M	comp=Z,3.5nm,1.3s			IAMS_20 IAMS_20 15 47 36.2
L27K	Beaver Creek,	87.19	14	Iamb Iamb 15 08 08.9
BCAR	Beaver Creek A	87.21	14	P P 15 08 05.5 -0.5
I21K	Tanana	87.22	9	Iamb Iamb 15 08 28.2
I21K	comp=Z,3.0nm,1.0s			IAMS_20 IAMS_20 15 45 53.6
MLY	Manley	87.27	10	Iamb Iamb 15 08 22.5
MLY	comp=Z,4.9nm,1.3s			IAMS_20 IAMS_20 15 46 52.8
HDA	Harding Lake	87.34	11	Iamb Iamb 15 08 28.6
SYO	Syowa Base	87.36	191	eP P 15 08 07.0 +0.2
N31M	Braeburn, Yuko	87.39	17	Iamb Iamb 15 08 10.7
N31M	comp=Z,5.6nm,1.4s			IAMS_20 IAMS_20 15 48 20.1
SEY	Seymchan	87.46	345	ceP P 15 08 07.1 0.0
SEY	comp=Z,5.7nm,1.3s			IAMS_20 IAMS_20 15 46 32.2
HND0	Hondo	87.47	57	Iamb Iamb 15 08 28.3
JCT	Junction City	87.47	56	Iamb Iamb 15 08 27.7
M29M	Somme Creek	87.47	16	Iamb Iamb 15 08 10.4
G19K	Purcell Mouna	87.48	7	IAMS_20 IAMS_20 15 36 20.8
BI02	San Fabin de	87.48	128	P P 15 08 07.6 -0.6
HEH	HeiHe	87.51	327	eP Pmax 15 08 07.8 +0.1
HEH	comp=Z,3.4m,1.0s			IAMS_20 IAMS_20 15 46 52.8
TROLL	Troll, Antarti	87.53	179	P P 15 08 08.2 +0.4
SCRK	Sand Creek	87.53	13	Iamb Iamb 15 08 21.2
SCRK	comp=Z,2.8nm,1.2s			IAMS_20 IAMS_20 15 46 37.4
H21K	Melozlina Riv	87.55	9	IAMS_20 IAMS_20 15 46 43.5
KULM	Kulim	87.59	277	P P 15 08 10.1 +1.2
KULM	Kulim	87.59	277	P P 15 08 09.1 +0.2
KULM	comp=Z,7.31nm,comp=Z,4.2nm,1.1s			IAMS_20 IAMS_20 15 46 09.9 +0.9
I23K	Minto, Yukon-K	87.60	10	Iamb Iamb 15 08 21.4
COLA	College	87.60	11	P P 15 08 07.4 -0.3
COLA	College	87.60	11	P P 15 08 07.1 -0.6
COLA	comp=Z,5.8nm,1.0s			IAMS_20 IAMS_20 15 08 07.1 -0.6
COLA	College	87.60	11	P P 15 08 07.1 -0.6
COLA	College	87.60	11	P P 15 08 07.6 -0.1
VNA3	Neumayer Olymp	87.68	175	↑P P 15 08 08.9 +0.5
VNA3	Neumayer Olymp	87.68	175	P P 15 08 09.2 +0.8
ILAR	Eielson Array	87.68	11	P P 15 08 07.7 -0.5
ILAR	comp=Z,1.1nm,0.9s,baz=218,slow=4.4,SNR=55			PP 15 11 35.0 +1.0
SNA4	Snae	87.70	177	↑P P 15 08 09.0 +0.4
SNA4	Snae	87.70	177	P P 15 08 08.9 +0.4
SNA4	Snae	87.70	177	eP Pmax 15 08 09.2 +0.7
SNA4	Snae	87.70	177	P Pmax 15 08 08.6 +0.1
SNA4	Snae	87.70	177	P Iamb Iamb 15 08 22.4
SNA4	Snae	87.70	177	P P 15 08 09.6 +1.1

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IMAR	comp=Z,2.9nm,1.2s Indian Mounai	87.73	8	P P 15 08 08.3 0.0
J25K	Salcha River	87.82	12	Iamb Iamb 15 08 11.7
N32M	comp=Z,2.9nm,1.1s Quiet Lake	87.89	19	Iamb Iamb 15 08 12.7
H22K	Ishatlina Cre	87.98	9	IAMS_20 IAMS_20 15 35 53.7
AMTX	Amarillo	87.99	52	IAMS_20 IAMS_20 15 44 19.6
F19K	Shalerucik Mo	88.07	6	IAMS_20 IAMS_20 15 36 18.6
L29M	L29M	88.12	15	IAMS_20 IAMS_20 15 53 27.5
VNA2	Neumayer-Watz	88.17	176	↑P P 15 08 10.8 +0.1
VNA2	Neumayer-Watz	88.17	176	P P 15 08 11.9 +1.2
H23K	Yukon River	88.19	10	IAMS_20 IAMS_20 15 47 02.4
G21K	Allakaket	88.27	8	IAMS_20 IAMS_20 15 46 40.5
RPSI	Rantau Prapat	88.29	274	P P 15 08 12.1 -0.2
PSI	Prapat	88.32	274	P P 15 08 13.2 +0.6
PSI	Prapat	88.32	274	P P 15 08 12.7 +0.1
PSI	Prapat	88.32	274	P P 15 08 11.9 -0.7
K22A	Casper	88.35	43	Iamb Iamb 15 08 30.6
K22A	comp=Z,2.9nm,1.5s			IAMS_20 IAMS_20 15 52 23.0
M31M	Drury Creek, Y	88.36	17	Iamb Iamb 15 08 24.7
VNA1	Neumayer-Stat	88.37	175	P P 15 08 12.5 +1.0
APMT	Aspermont	88.45	54	Iamb Iamb 15 08 32.7
H24K	Noodor Dome	88.48	10	IAMS_20 IAMS_20 15 47 08.8
F20K	Avaraat Lake	88.50	7	Iamb Iamb 15 08 25.7
F20K	comp=Z,3.4nm,1.3s			IAMS_20 IAMS_20 15 36 24.9
ABTX	Abilene, Hawie	88.51	54	Iamb Iamb 15 08 55.9
ABTX	comp=Z,2.2nm,1.0s			IAMS_20 IAMS_20 15 44 36.4
HNS	HongShan	88.52	311	↑P Pmax 15 08 15.3 +2.5
HNS	comp=Z,2.8nm,1.1s			IAMS_20 IAMS_20 15 44 00.0
BO02	Sierra Bellavi	88.61	127	IAMS_20 IAMS_20 15 44 00.0
NVL	N'azarevkayska	88.72	182	eP Pmax 15 08 15.4 +2.2
NVL	comp=Z,8.0nm,0.9s			MLR MLR 15 08 14.7 +1.0
BJJ2	Beijing	88.73	314	P P 15 08 14.7 +1.0
BJJ2	Beijing	88.73	314	eP Pmax 15 08 14.7 +1.0
BJJ2	Beijing	88.73	314	pP pP 15 11 47.2 +4.2
BJJ2	Beijing	88.73	314	SKS SKS 15 18 40.2 -2.2
BJJ2	Beijing	88.73	314	Pmax Pmax 15 08 15.2 +1.5
BJT	Baijiatuu	88.73	314	P P 15 08 14.9 +1.2
BJT	Baijiatuu	88.73	314	P P 15 08 14.9 +1.2
E19K	Redstone River	88.73	6	IAMS_20 IAMS_20 15 36 22.1
RDOG	Red Dog Mine	88.83	4	IAMS_20 IAMS_20 15 54 31.0
LYN	LuoYang	88.86	308	P P 15 08 17.5 +3.0
LYN	LuoYang	88.86	308	pP pP 15 08 22.2 -1.3
LYN	LuoYang	88.86	308	SS SS 15 19 11.4 +2.4
LYN	LuoYang	88.86	308	Pmax Pmax 15 08 17.5 +3.0
MT09	Talagante	88.87	126	IAMS_20 IAMS_20 15 44 01.9
I26K	Coal Creek Min	88.88	12	IAMS_20 IAMS_20 15 46 39.0
K29M	Barlow Dome	88.88	15	IAMS_20 IAMS_20 15 48 03.8
C16K	Lisburne Hills	88.91	3	IAMS_20 IAMS_20 15 45 04.1
F21K	Alatna River	88.94	8	Iamb Iamb 15 08 44.3
F21K	comp=Z,3.6nm,1.6s			IAMS_20 IAMS_20 15 46 53.4
G23K	Bananza Creek	88.94	9	Iamb Iamb 15 08 28.7
G23K	comp=Z,6.0nm,1.6s			IAMS_20 IAMS_20 15 36 36.2
MT02	Curacav	88.97	125	IAMS_20 IAMS_20 15 44 03.4
GSI	Gunungsitoli	89.06	272	P P 15 08 16.9 +1.0
GSI	Gunungsitoli	89.06	272	P P 15 08 16.7 +0.8
GSI	Gunungsitoli	89.06	272	P P 15 08 14.7 -1.2
BO04	La Punta	89.07	126	IAMS_20 IAMS_20 15 43 23.2
ORCO	Orcardo	89.14	158	P P 15 08 14.8 -0.6
SRCD	Kaye Sheddock	89.19	48	IAMS_20 IAMS_20 15 53 13.9
EGMT	Eagleton	89.20	37	IAMS_20 IAMS_20 15 45 15.0
MT05	Rencov	89.22	125	IAMS_20 IAMS_20 15 43 39.1
ENH	Enshi	89.33	303	P P 15 08 17.8 +1.0
ENH	Enshi	89.33	303	P P 15 08 17.8 +1.0
G24K	Hadwenzic Riv	89.34	10	IAMS_20 IAMS_20 15 36 41.5
PEL	Peidheue	89.36	125	IAMS_20 IAMS_20 15 43 34.0
MT16	CCHEE	89.37	126	IAMS_20 IAMS_20 15 43 35.0
COLD	Coldfoot	89.40	9	Iamb Iamb 15 08 30.3
COLD	comp=Z,2.7nm,1.3s			IAMS_20 IAMS_20 15 36 36.2
MT13	San Alfonso	89.42	126	IAMS_20 IAMS_20 15 44 04.3
I27K	Kandik River	89.45	13	Iamb Iamb 15 08 30.2
C18K	Utukok River	89.54	5	Iamb Iamb 15 08 23.0
MMPY	Sheldon Lake	89.58	18	Iamb Iamb 15 08 20.9
CO04	Los Peladeros	89.59	124	IAMS_20 IAMS_20 15 45 50.8
FYU	Fort Yukon	89.60	11	Iamb Iamb 15 08 59.6
VA03	San Esteban	89.62	125	IAMS_20 IAMS_20 15 44 03.7
CO06	Fray Jorge	89.62	123	IAMS_20 IAMS_20 15 43 38.9
BILL	Bilibino	89.64	353	P P 15 08 16.1 -1.2
BILL	Bilibino	89.64	353	ceP P 15 08 17.4 0.0
BILL	Bilibino	89.64	353	Pmax Pmax 15 08 17.4 0.0
BILL	Bilibino	89.64	353	P P 15 08 17.3 0.0
I28M	Miner Creek	89.68	14	Iamb Iamb 15 08 33.3
I28M	comp=Z,3.4nm,1.4s			IAMS_20 IAMS_20 15 46 46.0
ZEA	Zeya	89.68	329	eP Pmax 15 08 18.6 +0.8
ZEA	comp=N,10.0nm,1.0s			Pmax Pmax 15 08 18.6 +0.8
ZEA	Zeya	89.68	329	Pmax Pmax 15 08 18.6 +0.8
ZEA	comp=Z,200nm,8.2s			Pmax Pmax 15 08 21.5
J30M	Hart River	89.78	15	Iamb Iamb 15 08 21.5
J30M	comp=Z,3.2nm,1.1s			IAMS_20 IAMS_20 15 48 42.6
I29M	Ogilvie Camp,	89.97	14	Iamb Iamb 15 08 32.5
I29M	comp=Z,4.3nm,1.3s			IAMS_20 IAMS_20 15 47 55.6
D20K	Etivluk River	90.01	6	IAMS_20 IAMS_20 15 46 31.9

				6d 14h
H27K	comp=Z,4.4m,21.0s Steamboat Moun	90.02	13	Iamb Iamb 15 08 23.3
H27K	comp=Z,4.6nm			

Table with columns: Name, RA, Dec, Az, El, Type, and other parameters. Includes stations like KBZ, KIB, KIV, SHA1, NEUR, MNK, etc.

Table with columns: Name, RA, Dec, Az, El, Type, and other parameters. Includes stations like BRG, GHR, TES, SCA, BOCH, etc.

Table with columns: Name, RA, Dec, Az, El, Type, and other parameters. Includes stations like MORH, KEZP, PLVB, LESA, etc.

6d 15h

s-maj=17.7km s-min=13.5km az=169.0
NEIC 06 15:17:09.9.1.5. 60.8N0.1.28.6W.0.1.1, h10km, 1km,
mb4.4/79. Error ellipse: s-maj=17.4km s-min=11.3km
az=174.0

ISC 06 15:17:09.6.0.5. 60.72N.0.08.28.65W.0.05, h10km, n92,
e155/67, mb4.4/51.4D, Reykjanes Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like BORG, ANGG, NRS, etc.

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Table with columns: KURK, KURBB, PSUT, WUAZ, etc. Lists stations and their coordinates and times.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like DAV, DAV, DAV, etc.

Table with columns: DMPH, GSPH, KCP, etc. Lists stations like General Santos, Kidapawan, Cateel, etc.

MASF	Masafi	68.87	295	P	P	15 34 37.5 +1.6
SHME	Shamm	68.93	295	P	P	15 34 36.8 +0.7
SHME	Shamm	68.93	295	i	P	15 34 36.6 +0.5
ASHO	Ashiyah	68.93	294	P	P	15 34 37.0 +0.7
ASHO	Ashiyah	68.93	294	i	P	15 34 36.4 +0.1
SHAO	Shalim	69.18	287	P	P	15 34 38.6 +0.8
SHAO	Shalim	69.18	287	i	P	15 34 38.6 +0.8
ALNE	Al Ain	69.18	293	P	P	15 34 38.5 +0.7
ALNE	Al Ain	69.18	293	i	P	15 34 37.8 0.0
NAZ	Nazwa, Dubai	69.31	294	P	P	15 34 40.0 +1.5
NAZ	Nazwa, Dubai	69.31	294	i	P	15 34 38.4 -0.1
UMQ	Umm Al-Quwain	69.33	295	P	P	15 34 39.7 +1.1
UMQ	Umm Al-Quwain	69.33	295	i	P	15 34 39.8 +1.1
FAQ	Al Faqa, Dubai	69.36	294	P	P	15 34 39.0 +0.1
FAQ	Al Faqa, Dubai	69.36	294	i	P	15 34 38.9 +0.1
AB31	Akkubal array	69.54	320	i	P	15 34 38.3 -1.1
AKAR	Akkubal array	69.54	320	P	P	15 34 37.7 -1.6
ASUD	Al Ashush, Dub	69.59	294	P	P	15 34 41.3 +1.0
ASUD	Al Ashush, Dub	69.59	294	i	P	15 34 40.9 +0.6
UZMA	Umm Al Zomool	69.68	292	P	P	15 34 41.5 +0.6
DMTO	DMTO	69.82	286	P	P	15 34 42.1 +0.3
AJN	Aljan	69.90	294	P	P	15 34 42.5 +0.4
AJN	Aljan	69.90	294	i	P	15 34 42.1 -0.1
RBK	Rabruk	70.53	286	P	P	15 34 47.0 +0.9
MZWR	Madinat Hawf	70.89	293	P	P	15 34 48.7 +0.6
WHFO	Wadi Wafay	70.94	287	P	P	15 34 48.4 -0.2
MSEY	Mahe Island	70.97	263	P	S	15 34 48.4 -0.6
AKTO	Aktyubinsk	71.03	321	P	S	15 43 54.5 -0.4
AKTO	comp-Z, 5.7nm, 1.0s, baz=6.3, slow=21, PKPP=6.0					15 402 35.6
AKTO	comp-Z, 1.4nm, 0.8s, baz=266, slow=3.5, SNR=5.7					16 09 05.1
AKTO	comp-Z, 4.4um, 19.0s, baz=105, slow=36					
AKTO	Aktyubinsk	71.03	321	P	P	15 34 47.6 -1.0
MZR	Muzera	71.24	292	P	P	15 34 51.0 +0.7
MZR	Muzera	71.24	292	i	P	15 34 51.0 +0.7
KVDK	Sverdlovsk	71.26	328	e	S	15 34 49.2 -0.5
SVE						15 43 52.7 -4.5
SVE						15 44 37.7
ABTO	Aybut	71.40	286	P	P	15 34 52.0 +0.5
JRN	Garnain Island	71.86	294	P	P	15 34 54.4 +0.5
UNV	Unalaska Valle	71.89	35	P	P	15 34 55.5 +1.9
CTZ	Chatham Island	71.92	140	P	P	15 34 56.0 +2.1
CTZ	Chatham Island	71.92	140	P	P	15 34 56.5 +2.6
ARTI	Arti	72.32	327	P	P	16 02 35.2
ARTI	comp-Z, 1.0nm, 0.3s, baz=264, slow=1.7, SNR=9.0					
ARTI	Arti	72.32	327	i	P	
ARTI						15 35 19.7
ARTI						15 37 35.2
ARTI						15 44 07.7 -1.7
ARTI						15 48 45.4 -4.4
ARTI						15 52 00.4
ARTI	comp-Z, 91nm, 1.7s					
ARTI	Arti	72.32	327	P	P	15 34 54.4 -1.8
AKUT	Akutan	72.38	35	P	P	15 34 58.7 +2.2
SLWR	Sila	72.89	293	P	P	15 35 00.9 +1.7
CASY	Casey	73.25	186	P	P	15 34 59.8 -1.5
CASY	Casey	73.25	186	P	P	15 35 00.2 -1.1
CASY	Casey	73.25	186	P	P	15 35 02.6 +1.3
DRV	Dumont d'Urville	73.52	174	P	P	15 35 03.6 +0.7
DRV	Dumont d'Urville	73.52	174	P	P	15 35 03.2 +0.3
DRV	Dumont d'Urville	73.52	174	P	P	15 35 03.8 +0.9
REH	Riviere de l'E	73.83	246	I	Amb	15 35 10.8
REH	Riviere de l'E	73.83	246	P	P	15 35 06.4 +0.6
SAKB	Bahrain	73.97	295	P	P	15 35 07.0 +0.6
KIP	Kipapa	74.95	70	P	P	15 35 15.1 +2.9
SDPT	Sand Point	75.64	34	P	P	15 35 17.1 +1.7
SDPT	Sand Point	75.64	34	I	Amb	15 35 23.8
L14K	Kuka Creek	75.70	28	I	Amb	15 35 20.0
N14K	Kuskokwac Creek	75.87	30	I	Amb	15 35 19.8
LKRN	Lenkeran, Azer	75.90	308	P	P	15 35 18.9 +1.6
O14K	Tigiykuaiwet M	75.94	30	I	Amb	15 35 20.2
C16K	Lisburne Hills	76.45	21	I	Amb	15 35 23.7
K15K	Wolf Creek Mou	76.45	27	I	Amb	15 35 24.4
KBD	Kabd	76.52	298	P	P	15 35 20.7 -0.2
XMAS	Kiritimati	76.69	89	P	P	15 35 24.7 +2.5
N15K	Khweluk River	76.70	30	I	Amb	15 35 25.5
MAK	Makhachkala	77.11	313	d	P	15 35 22.2 -1.8
MAK						15 38 43.8 -1.2
MAK						15 36 06.3 -1.8
MAK						15 45 00.4 -2.7
MAK						15 45 56.7 +0.5
MAK	comp-Z, 256nm, 1.2s					
I17K	Unalakleet	77.16	26	I	Amb	15 35 28.4
SEKA	Sheki	77.25	311	P	P	15 35 25.9 +1.0
L16K	Owhat River	77.28	28	I	Amb	15 35 28.7
MNGR	Mingchevich, A	77.31	310	P	P	15 35 26.9 +1.7
POHA	Pohakuloa	77.32	71	P	P	15 35 28.0 +2.1
M16K	Timber Creek	77.41	29	I	Amb	15 35 36.2
K1RV	Kirov	77.52	329	LR	LR	16 12 45.5
O1RV	Kirov	77.52	329	e	P	15 35 25.9 0.0
K1RV	Kotkwok River B	77.60	30	I	Amb	15 35 30.3
H17K	Granite Mounta	77.71	25	I	Amb	15 35 31.2
SBV	Sambava	77.77	255	P	P	15 35 27.7 -0.5
SBV	Sambava	77.77	255	P	P	15 35 27.9 -0.2
BELG	Belogoroye	77.77	322	LR	LR	16 13 27.4
BELG	Belogoroye	77.77	322	P	P	15 35 26.2 -1.3
BELG	comp-Z, 15nm, 0.9s					
GANJ	Ganja	77.89	310	P	P	15 35 29.8 +1.4
RAROT	Rarotonga	77.96	113	LR	LR	16 08 28.1
RAR	Rarotonga	77.96	113	P	P	15 35 31.5 +2.4
RAR	Rarotonga	77.96	113	P	P	15 35 32.8 +3.7
RAR	Rarotonga	77.96	113	P	P	15 35 27.4 -1.7
K17K	Iditarod	78.00	27	I	Amb	15 35 33.1
N17K	Nushagak Hills	78.19	30	I	Amb	15 35 34.3
M17K	Holifna River	78.19	29	I	Amb	15 35 41.2
H18K	Honhosa River	78.39	25	I	Amb	15 35 34.6

CHIR	Chirikof Island	78.43	34	P	P	15 35 33.3 +2.2
NAX	Nakhchivan	78.48	309	P	P	15 35 32.9 +1.1
RAYN	Ar Rayn	78.57	293	P	P	15 35 32.9 +0.3
RAYN	Ar Rayn	78.57	293	i	P	15 35 30.4 +0.8
RAYN	Ar Rayn	78.57	293	P	P	15 35 30.8 -1.7
RAYN	Ar Rayn	78.57	293	I	Amb	15 35 34.1
RAYN	Ar Rayn	78.57	293	i	P	15 35 32.6 0.0
RAYN	Ar Rayn	78.57	293	P	P	15 35 30.2 -2.3
RAYN	Ar Rayn	78.57	293	P	P	15 35 32.7 +0.1
N16K	Kilae Creek	78.84	29	I	Amb	15 35 37.7
ACHA	Angle Creek He	78.84	32	I	Amb	15 35 38.4
GNI	Garni	79.08	310	P	P	15 35 36.6 +1.3
GNI	Garni	79.08	310	P	P	15 35 34.1 -1.1
GNI	Garni	79.08	310	P	P	15 35 34.0 -1.1
GNI	Garni	79.08	310	I	Amb	15 35 42.5
GNI	Garni	79.08	310	P	P	15 35 36.1 +1.0
GNI	Garni	79.08	310	P	P	15 35 36.5 +1.3
GNI	Garni	79.08	310	P	P	15 35 36.0 +0.8
O16K	Koktuk Hills	79.08	30	I	Amb	15 35 38.0
G19K	Purcell Mount	79.08	24	I	Amb	15 35 38.6
TBLG	Delisi	79.11	311	P	P	15 35 35.0 -0.1
SII	Sitkinak Island	79.30	34	P	P	15 35 39.1 +3.3
SII	Sitkinak Island	79.30	34	I	Amb	15 35 39.2
J19K	Poorman	79.39	26	I	Amb	15 35 40.4
N19K	Bonanza Creek	79.54	29	I	Amb	15 35 41.6
OZAP	Van, Ozalp-Mer	79.64	308	i	P	15 35 40.8 +2.4
F20K	Avaraat Lake	79.76	23	I	Amb	15 35 42.5
O19K	Cape Douglas	79.79	31	I	Amb	15 35 46.1
OHAK	Old Harbor	79.84	33	I	Amb	15 35 41.3 +2.6
OHAK	Old Harbor	79.84	33	I	Amb	15 35 41.7
HAKT	HAKKARI	79.87	307	P	P	15 35 40.4 +0.7
I20K	Naaghedeneel	79.98	25	I	Amb	15 35 44.5
NCK	Nalchik	79.99	313	i	P	15 35 39.2 -0.6
K20K	Telida	80.00	27	I	Amb	15 35 44.1
J20K	Nowinta River	80.05	26	I	Amb	15 35 44.2
KDAK	Kodiak Island	80.26	33	LR	LR	16 08 41.6
KDAK	Kodiak Island	80.26	33	P	P	15 35 41.7 +0.8
KDAK	Kodiak Island	80.26	33	P	P	15 35 41.0 0.0
KDAK	Kodiak Island	80.26	33	I	Amb	15 35 43.9
KDAK	Kodiak Island	80.26	33	P	P	15 35 40.9 -0.1
KDAK	Kodiak Island	80.26	33	P	P	15 35 43.2 +2.2
M20K	Styx River	80.29	28	I	Amb	15 35 52.3
GOF	Gofitskoye	80.41	315	e	P	15 35 41.8 -0.2
GOF	Gofitskoye	80.41	315	e	S	15 45 34.5 -3.6
IMAR	Indian Mountain	80.41	24	P	P	15 35 40.9 -0.7
KBZ	Khabaz	80.50	313	e	P	15 35 42.6 +0.1
KBZ	Khabaz	80.50	313	e	S	15 45 33.5 -5.6
KBZ	Khabaz	80.50	313	e	P	15 35 42.1 -0.4
G21K	Allakaket	80.57	24	I	Amb	15 35 46.9
EPOS	Podgorniy	80.62	311	P	P	15 35 44.3 +0.8
NEUR	Neytrino	80.64	313	e	P	15 35 42.5 -1.0
KIV	Kislovodsk	80.65	313	P	P	15 35 44.2 +0.7
KIV	Kislovodsk	80.65	313	e	P	15 35 42.9 -0.6
KIV	Kislovodsk	80.65	313	e	S	15 36 25.8 -2.0
KIV	Kislovodsk	80.65	313	e	S	15 38 48.3
KIV	Kislovodsk	80.65	313	e	S	15 45 37.6 -3.3
KIV	Kislovodsk	80.65	313	e	S	15 50 57.1 +0.8
KIV	Kislovodsk	80.65	313	P	P	15 35 41.7 -1.8
KIV	Kislovodsk	80.65	313	I	Amb	15 35 48.6
KIV	Kislovodsk	80.65	313	i	P	15 35 43.4 0.0
KIV	Kislovodsk	80.65	313	i	P	15 35 44.2 +0.7
KIV	Kislovodsk	80.65	313	P	P	15 35 43.5 0.0
KIV	Kislovodsk	80.65	313	P	P	15 35 43.0 -0.5
SHA1	Shidzhataz	80.67	313	e	P	15 35 42.8 -1.0
STLK	Strandline Lak	80.88	29	I	Amb	15 35 47.2
D22K	Ayikyak River	81.12	21	I	Amb	15 35 56.7
GURO	Guroymak-BITLI	81.18	308	I	Amb	15 35 53.5
ABPO	Ambohpanom	81.25	250	P	P	15 35 46.6 -0.6
ABPO	Ambohpanom	81.25	250	P	P	15 35 46.6 -0.6
ABPO	Ambohpanom	81.25	250	P	P	15 35 47.4 +0.2
BRLK	Bradley Lake	81.25	31	I	Amb	15 35 49.0
CCD	Concordia, Ant	81.29	181	P	P	15 35 46.1 -0.4
CCD	Concordia, Ant	81.29	181	P	P	15 35 47.8 +1.3
VRH	Novokhoporsky	81.37	321	e	P	15 35 45.1 -1.8
VRH	Novokhoporsky	81.37	321	e	S	15 45 36.2 -1.2
VRH	Novokhoporsky	81.37	321	e	S	15 45 36.2 -1.2
VRH	Novokhoporsky	81.37	321	e	S	15 45 36.2 -1.2
VRH	Novokhoporsky	81.37	321	e	S	15 45 36.2 -1.2
BATM	Batumi	81.39	311	i	P	15 35 45.7 -1.6
BATM	Batumi	81.39	311	i	P	15 35 45.7 -1.6
MLY	Manley	81.58	25	I	Amb	15 35 52.1
SLKM	Sklik Lake	81.61	30	I	Amb	15 35 51.1
ATD	Arta Tunnel	81.81	281	LR	LR	16 11

6d 15h

Table with columns for station name, elevation, frequency, and other parameters. Includes stations like Coleen River, Tana Glacier, Doyon, etc.

2020 SEP

Table with columns for station name, elevation, frequency, and other parameters. Includes stations like Keskin Array B, ARCESS Array S, etc.

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Table with columns for station name, elevation, frequency, and other parameters. Includes stations like VSU, VASULA, etc.

Table with columns: Call sign, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like BIZ, H02S1, H02S2, etc.

Table with columns: Call sign, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like DEV, SRE, SRE, etc.

Table with columns: Call sign, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like TYRN, ANKY, NEEM, etc.

6d 15h

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Table with columns: BKZ, Black Stump Fm, WATZ, Wairara, Naumai, Edgumbe, Rangitukua, Rihia Road, Arahii, Turangi Tongar Kaharua, Lichensteins R, Urewera, Manawahe, Kakarama, Te Maari, Toiley Road, North Tongarir, East Tongariro, Waihua, Karewarewa, Aropoanui, Rawiri, Kaweka Forest, Oturere, West Tongariro, South Ngauruho, McNeill Hill, Ngauruhoe, Kaimai, Whale Island, Tukino, Tauranga, Taurewa, Chataeu Observ, Matarangi, Moawhango, Wahianoa, Turoa, Kereru, Rimuhau, Kokohu, Mangateitei, Pokaka, Te Karaka, Tahuroa Road, Cape Kidnapper, Paritu Road, Raukumara Rang, Kahuranaki, Haurangi, Haurangi, Carnagh Statio, Vera Road, Waiupukura, Papanui, Puketiti, Wanganui, Porangahau, Dannevirke, Waomatatini S, Lake Rotokare, Moumakai, Matakaoa Point

Table with columns: MXZ, Matakaoa Point, ANWZ, Angora Road, Post Office Ro, Pori Road, Pukeiti, Eate Tamaki Re, Birch Farm, BFZ, Waiheke Island, Awhitu Peninsu, Mangatainoka R, Waiatarua, Castlepont, Holdsworth Sta, Otaki Gorge, South Karori, South Karori, Quartz Range, Kahutara, IDC 06 15:48:37.2, 2.1, 38.22N:78.01E, h0km, mb3.3/2, mbtm3.4/6, ML3.1/4, Error ellipse: s-maj=32.4km s-min=16.3km az=56.0, NNC 06 15:48:39.9, 2.0, 38.17N:77.88E, h16km, 8km, mb3.8, mp3.5, Error ellipse: s-maj=14.9km s-min=10.9km az=136.0, IDC 06 15:48:38.7, 1.5, 38.1N:0.1x77.96E:0.07, h10km, n19, 2559/24, 6C-7D, Southern Xinjiang

Table with columns: TORO, Torodi Ar. Bea, FINES, FINES Array B, ARCES, ARCES Array B, MKAR, Malanchi Array, IDC 06 15:57:04.3, 0.5, 5:56S:152:33E, h0km, mb4.7/2/7, mbtm4.7/29, ML4.0/2, Error ellipse: s-maj=14.8km s-min=9.2km az=95.0, BUJ 06 15:57:05.7, 5:10S:152:60E, h10km, mB5.6/3, mb5.1/5/2, Ms5.4/4, Ms7.5/1/4, NEIC 06 15:57:05.8, 2.1, 5:56S:0:06x152:65E:0:07, h10km, 1km, mb5.2/186, Error ellipse: s-maj=12.8km s-min=10.8km az=97.0, GFZ 06 15:57:06.7, 0.2, 5:53S:153:3E, h10km, M5.0/29, mb5.0/29, confirmed, DJA 06 15:57:11.5, 0.6, 5:54S:153:2E, h49km, 7km, M5.6/20, mb5.0/20, mb6.4/1, MLv5.9/1, Mw(mB)6.1/1, ISC 06 15:57:10.2, 0.3, 5:48S:0:04x152:56E:0:06, h40km, n295, 131/223, mb5.1/178, 2C-3D, New Britain region

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WSI Waingapu, ARPS Mount Arapiles, FORT Forrest, MBWA Marble Bar, KMBL Kambalda, MEEK Meekehara, JUNU Nakatsue, MJAR Matsushiro Arr, MAJO Matsushiro, BBJJ Bunguliang, DLV Lat, KSR5 Korea Arry, NJ2 Nanjing, JKA Kamikawa-asahi, WHN Wuhang, PPI Padang Panjang, USRK Ussuriysk Arr, KULM Kulim, YSS Yuzhno-Sakhalii, MDJ Mudanjiang, GYA Guliyang, CN2 Changchun, HNS HongShan, BNX BinXian, BJ2 Beijing, XAN Xi'an, KMI2 Kunming, KLR Kul'dur, CMAR Chiang Mai Arr, CHTO Chiang Mai, PET Petropavlovsk, PETK Petropavlovsk, PZH PanZhiHua, XLT XiLinHaoTe, HHC Hu-h9nm,0.6s, HHC Hu-h19nm,0.6s, HEH Heihe, TNCH TengChong, NPW Nanyitay, LZH Lanzhou, LZM Lanzhou Array, HILR Hailar Array B, MORE Moreh, MA2 Magadan, MA2 Magadan, GTA2 Gaotai, ULN Ulanbaatar, ULN Ulanbaatar, SONM Songino Array, SONM Songino Array, GOMU GeErMu, GOMU GOMU, YAK Yakutsk, YAK Yakutsk, EVN Everest, BILL Bilibino, BILL Bilibino, L14K Kuka Creek, WMQ Urumqi, WMQ Urumqi, M16K Timber Creek, HYB Hyderabad, HYB Hyderabad, HYB Hyderabad, HYB Hyderabad, J16K Anvik River, F15K North Star Di, J17K VABM Dome

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like G16K Koyuk River, L19K White Mountain, ZSN Sklik Lake, SEW Seward, M22K Willow, G19K Purcell Mounta, I20K Naaglerent, GHO Glory Hole Cre, MKAR Makanchi Arry, MKAR Makanchi Arry, MAKZ Makanchi, MAKZ Makanchi, GLI Glacier Island, HIN Hinchinbrook I, IMAR Indian Mountain, F1D Port Fidalgo, FK12 Tanana, SCM Sheep Creek Mo, EYAK Cordova Ski Ar, RND Reindeer, G21S Allakaket, SHLS Shalkode, ZALV Zalesovo Beam, ZALV Zalesovo Beam, MLY Manley, KAIM Kayak Island, KLU Klutina, RAGM Ragged Mountain, UZB Uzybulak, F21K Alatina River, NEA2 Nenana, BMRM Bremner River, BERG Berg Lake, KPKS Kokpek, TARG Taragay, Kyrg, HARP HARP, COLA College, COLA College, CRQM Cirque, GLB Gilahina tette, VRDI Verde Repeater, TGL Tana Glacier, TDK Taldygorghan, K24K Donnelly Dome, IL31 Eielson Array, ILAR Eielson Array, ILAR Eielson Array, ASAI AK-SAYGYR, D22K Ayikay River, RIDG Independent Ri, MDOK Medeo, TNS5 Tian-Shan, AAA Alma-Ata, KSH2 Kashi, L26K Log Cabin Wild, LOGN Logan Glacier, E23K Chandalar, BOOM Boomskeye usch, BOOM Boomskeye usch, F24K Squaw Lake, O28M Mount Upton, KUO Kurty, L27K Beaver Creek, BCAR Beaver Creek A, KURK Kurchatov, KURK Kurchatov, NIL Nilore, NIL Nilore, KURB Kurchatov Arr, TKM2 Tokmak 2, FYU Fort Yukon, O29M Mount Kennedy, QSPA Sou Pole Qui, P29M Windy Craggy, KBK Karagaybulak, CHMS Chumyish, MAW Mlawns, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, BMAR Burnt Mountain, SIT Sitka, SGDS Sogindy

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like USP Oспенovka, HYT Haines Junctio, I27K Kandik River, D25K Kavik River, M29M Sommy Creek, EKS2 Erkin-Say, DAWY Dawson, H27K Steamboat Moun, L29M L29M, BESE Bessie Union, N31M Braeburn, Yuko, K29M Barlow Dome, C27K Jago River, WHY Whitehorse, E27K Coleen River, I29M Ogilvie Camp, V35K Ketchikan, NRIK Noril'sk, F28M Old Crow, H29M Whitestone, D27M Malcolm River, M31M Drury Creek, Y, Q32M Nakina River, I30M Mount Dempster, E28M Babbar River, DZA Taraz, S34M Telegraph Cree, T35M Bob Quinn, E29M Blower River, G30M tAoh Zhai Nrii, R33M Jennings River, KKAR Karatay Arry, BRLS Boroday, CHM Chikment, MMPY Sheldon Lake, F31M Tsiigheichik, WTLY Watson Lake, INK Inuvik, INK Inuvik, BVAR Borovoye Arry, BORK Borovoye, BORK Borovoye, E09A Wood Farm, St, E09A Wood Farm, St, NEW Newport, NEW Newport, ABKAR Akbulak arr, YKA Yellowknife Ar, ARTI Arti, ARTI Pinedale Arry, FINES FINESS Arry B, AKASO Malin Arry B, BRTR Keskin Arry B, NOA NORPAR Arry B, PLCA Paso Flores, RONA Rosalia, Aust, CONA Conard Observa, ARSA Arzberg, GERES GERESS Arry B, SOKA Soboth, OBK Obi, MYKA Terra Mystica, LESA Schwarzeleotai, ABTA Abfaltersbach, WATA Walderalm, WTTA Wattenberg, EKA Eskdalemuir Ar, MOTA Moosalm, SQTA Sankt Kurty, RETA Reutte, FETA Feichten, DAVA Damuels, BCLA Clavier, WLF Walferdange, BMRD Maredous, LPAZ Lepiaz, TORD Torodi Ar. Bea, BDFB Brasilia, DBIC Dimbokro, TRN 06:16:14:08.4, 17:18N-62:20W, h119km, MD3.6, North-west of Antigua,, Leeward Islands

6d 16h

Table with columns: SMRT, St. Maarten, 1.20 316 eP, Pn, 16 14 33.1 +0.7, etc.

SOME 06 16:36:52.0, 41.82N, 81.98E, h10km
NWC 06 16:36:53.5, 3.6, 41.83N, 82.12E, h0km, mb3.4, mpv3.0,
Error ellipse: s-maj=28.9km s-min=15.7km az=164.0

Main table for 6d 16h section with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

BUIJ 06 16:45:18.2, 2.2, 80S x 102.28E, h216km, mB4.9/11, mb4.6/45
GFZ 06 16:45:24.6, 0.3, 2.2 S, 4 x 10 2E, h219km, M4.8/21,
mb4.8/21, confirmed

Table for 6d 16h section with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

Main table for 6d 16h section with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

2020 SEP

Main table for 2020 SEP section with columns: CMJI, Cimerak, 8.29 133 P, Pn, 16 47 18.0 -4.1, etc.

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Main table for 412 section with columns: BJIJ, Beijing, 43.82 15 P, pP, 16 53 10.3 +1.1, etc.

6d 17h

Table with columns: VAOS, AAGR, AUSP, RTLS, ACAN, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like San Esteban, Agrelo, Uspallata, Leoncito, Cantanilla, etc.

IDC 06 17:27:08.4:1.8, 0.27N, 123.69E, h0km, mb3/4,3, mbmp3,4/3, Error ellipse: s-maj=194.9km s-min=26.2km az=62.0

DJA 06 17:27:09.8:1.5, 2.2N, 4.12E, h21km, 15km, M3/3/10, MLV3,3/10

ISC 06 17:27:11.4:1.6, 1.7N, 0.22:126.73E:0.10, h47km, n6, o5847, mb3.5/3, Northern Molokua Sea

AEIC 06 17:30:51.0:2.7, 5.1, 17N, 0.05:178.92W:0.07, h26km, 4km, Error ellipse: s-maj=7.8km s-min=5.7km az=158.0

NEIC 06 17:30:52.8:1.7, 5.1, 34N, 0.05:178.94W:0.07, h50km, 3km, mb4.5/161, ML4.5/14, ML4.3(AEIC), Error ellipse: s-maj=8.3km s-min=4.5km az=139.0

IDC 06 17:30:55.2:9.9, 5.1, 47N, 179.05W, h71km, 24km, mb4.0/28, mbmp4,2/31, M3S,2/2, Error ellipse: s-maj=16.0km s-min=10.8km az=157.0

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Gareloi-Kavalg, Gareloi Lava P, Gareloi Southw, etc.

2020 SEP

Main station list table with columns: DHY, Denali Highway, Minto, Yukon-K, etc. Includes stations like Denali Highway, Minto, Yukon-K, etc.

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Main station list table with columns: YHB, Horse Butte, Yellowstone No, etc. Includes stations like Horse Butte, Yellowstone No, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Lac du Bonnet, Mina Array Bea, Hailey, Yellowknife Ar, Magyarpolny, Alice Springs, Warramunga Arr, Galesovo Bend, Makanchi Array, Hailar Array B, Songino Array.

IDC 06 17:58:33.5s, 3.20, 72Sx178.77W, h604km, 25km, mb3.1/7, mbmp4.0/8, Error ellipse: s-maj=71.1km s-min=19.3km az=146.0

ISC 06 17:58:33.2.1.3, 20.7Sx0.3:178.8W, 0.2, h600km, n13, az=130/13, mb3.7/7, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Nonsavu, Alice Springs, Warramunga Arr, Fitzroy Crossi, Petropavlovsk, TXAR Lajitas Array, ILAR Eielson Array, CMAR Chiang Mai Arr, BVAR Borovoye Array, HFS Hagfors, AKASG Malin Array Be, BRTR Keskin Array B, GERES GERESE Array B.

NOU 06 18:02:12.6, 37.65S, 177.97E, h140km, MLV4.1/14, Off E. Coast of N. Island, N.Z.

WEL 06 18:02:16.5, 1.0, 37.5Sx6.17.8E, h80km, 13km, M3.5/18, ML3.4/17, MLV3.5/18, Error ellipse: s-maj=8.1km s-min=7.5km az=72.5, confirmed

ISC 06 18:02:10.7, 1.9, 37.34Sx0.06:177.68E, 0.07, h145km, 10km, n135, az=192/139, Off east coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Te Kaha, White Island, Matakaoa Point, Pakihiroa, Raukumara Rang, Waioamatatini S, Matawai, Urewera, Manawaha, Edgecumbe, Mayor Island, Carnagh Statio, Lichensteins R, Mount Tarawera, Kaharoa, Murupara, Republican Roa, Rimuhau, Ruitahunu, Ngahands Stat, Highland, Utuhina, Kaimai, Hossack Road, Handcock Road, Paritu Road, Galatos Road.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ALRZ Allen Road, RAHZ Arahi, MTHZ Maungataniwha, KNZ Kokohu, WHZ Waihua, TUH Tahuroa Road, MRHZ Matea Rd, MHGZ Mahia Peninsul, KUTZ Kaahu Road, NMHZ Naumai, WHAKOZA Whakaora, TLZ Tolloy Road, ARHZ Aroapoanui, MKAZ Mookamai, BKZ Black Stump Fm, WATZ Wairara, GRZ Great Barrier, WIAZ Waiheke Island, RITZ Riangitukua, RIHZ Rihia Road, ETJAZ East Tamaki Re, MCZ McNeill Rd, KATZ Kakarama, MBAZ Motutapu North, SNVZ South Ngauruho, NGZ Ngauruho, TWZ Taurewa, BHHZ Black Hill Sta, TUVZ Tukino, COVZ Chateau Observ, HIZ Haurangi, KRHZ Kereru, KAHZ Kahuranaki, FWZ Far West T-bar, WHVZ Whangape Hut, MOVZ Moawhango, WNVZ Wahianoa, TRVZ Turoa, PKVZ Pokaka, MFGZ Mangateitei, PKZ Puketi, PNHZ Pukenui, WPHZ Waipukurua, VRZ Veira Road, WCZ Waipu Caves, TYZ Takatimu Road, PRHZ Porangahau, DVHZ Dannevirke, WAZ Wanganui, ANWZ Angora Road, LREZ Lake Rotokare, PRVZ Pukekohe, PKE Puketiti, PRWZ Port Road, BFZ Birch Farm, BRFZ Birch Farm, NBZ Newland No, MFGZ Mangatainoka, TIWZ Tintock, CPWZ Castlepoint, OUZ Omahuta, MHWZ Houtsworth Sta, OGWZ Otaki Gorge, TMWZ Te Maipa, KIWZ Kapiti Island, MTW Mount Morrison, TRVZ Travelleir, PAVZ Pukekohe Farm, MSWZ Moikau Station, DUWZ D'Urville Isla, WEL Wellington, SNZO South Karori, SNKZ South Karori, PILWZ Pallisa, TCW Topy Channel, TUWZ Tuamarina, NNZ Nelson, TKNZ Takaka Hill, BHZ Blackhill Sta, QRZ Quartz Range, GRZ Quartz Range, MRNZ Matariki Terra, THZ Topohouse, KHZ Kahutara, CATZ Cataputa, RPZ Rata Peaks, RPZ Rata Peaks.

IDC 06 18:06:11.8, 1.1, 34.13Sx179.03W, h0km, mb4.3/5, mbmp4.4/6, ML4.5/1, Error ellipse: s-maj=33.3km s-min=26.5km az=117.0

NOU 06 18:06:13.4, 64.5S:178.29W, h164km, mb4.1/9, South of Kermadec Islands

ISC 06 18:06:16.4, 1.2, 34.6S:0.1:178.5W, 0.2, h51km, n19, az=1969/20, mb4.4/5, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Matakaoa Point, Urewera, Warramunga Arr, Fitzroy Crossi, South Pole Qui, Kurchatov Arra, FINESE Array B, Mount Meron Ar, NORSAR Array B.

0.7mm, 0.6s, baz=24, slow=3.3, SNR=3.3

IDC 06 18:15:20.6, 1.0, 1.51N:126.35E, h0km, mb3.9/9, mbmp3.9/10, ML3.0/1, Error ellipse: s-maj=103.9km s-min=14.8km az=70.0

DJA 06 18:15:23.9, 0.7, 2.4N:127.7E, h11km, 7km, M4.0/12, mb4.3/3, MLV3.9/12

ISC 06 18:15:27.0, 0.8, 1.6N:0.1:126.71E, 0.10, h47km, n13, az=089/14, mb4.0/9, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Ternate, Manado, Gorontalo, Fitzroy Crossi, Warramunga Arr, Alice Springs, Stephens Creek, Songino Array, Makanchi Array, Kurchatov Arra, Borovoye Array, Norilsk, Vnda, Petro Terminal, Carate, Puerto Galite, Limones, Ciudad Neily, San Vito, Volcan, Cordillera, Cordillera, Boquete Panama, Boquete Panama, Bijagual, Panama, San Jermi, Kakti, Kakti, Cerro El Cedra.

UPA 06 18:16:58.0, 1.8, 8.37N:83.37W, h10km, 8km, MW3.1, Presumed earthquake

CLR 06 18:17:02.6, 0.8, 9.29N:83.03W, h18km, 7km, MW3.7, Presumed earthquake

ISC 06 18:17:01.7, 1.0, 8.34N:0.04:83.08W, 0.04, h13km, n19, az=15/28, 2C-4D, Costa Rica

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Petro Terminal, Carate, Puerto Galite, Limones, Ciudad Neily, San Vito, Volcan, Cordillera, Cordillera, Boquete Panama, Boquete Panama, Bijagual, Panama, San Jermi, Kakti, Kakti, Cerro El Cedra.

AEIC 06 18:19:24.8, 2.5, 50.94N:0.05:179.71W, 0.04, h26km, 4km, Error ellipse: s-maj=7.1km s-min=3.9km az=176.0

IDC 06 18:15:25.0, 4.8, 5.17N:173.67W, h33km, 35km, mb4.1/31, s-maj=16.6km s-min=9.7km az=174.0

NEIC 06 18:19:25.9, 1.9, 51.04N:0.08:179.79W, 0.05, h47km, 6km, mb4.3/107, ML4.2/10, ML4.0(AEIC), Error ellipse: s-maj=11.8km s-min=4.8km az=177.0

ISC 06 18:19:25.5, 1.3, 51.00N:0.09:179.74W, 0.03, h42km, 10km, n212, az=194/188, mb4.3/94, 8C-5D, Andean/Andean Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Amchitka, Gareloi-Kavalg, Gareloi Southw, Gareloi Lava P, Gareloi East, Semis' Southwe, Gareloi North, Semis' Cerberu, Gareloi Northe, Semis' Perret, TACS Tanaga Cape Sa, TACS Tanaga North, TANO Tanaga North, TAFU Tanaga Flats, LSSE Little Sitkin, LSPA Little Sitkin, TAPA Tanaga Point A, KIMD Kanaga Island, KIWB Kanaga Island, KOWE Korovin Vent, SHEM Shemya Is, Ala, Shemya Is, Ala, Shemya Is, Ala.

6d 18h

MW3.9
IDC 06 18:34:00.1-0.6,31.38S-68.64W,h112km,4km,mb3.7/9,
mbmp4.0/13,Error ellipse: s-maj=19.4km s-min=12.2km
az=97.0
NEIC 06 18:34:00.5-2.1,31.28S:0.06-69.1W:0.1,h122km,6km,
mb4.5/8,Error ellipse: s-maj=12.6km s-min=8.1km
az=98.0
ISC 06 18:33:59.5-0.6,31.26S:0.03-68.86W:0.03,h114km,4km,
n108,s1949/141,mb4.3/11,1C, San Juan Province

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Contains station data for Zonda, Cerro Villicun, Cerro Coronel, Coronel Fontan, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Contains station data for Copiapo, Choya, Sierra Bellavi, etc.

IDC 06 18:34:44.7-1.4,2.8:38N:86.24E,h0km,mb3.4/2,
mbmp3.4/8,ML2.8/5,Error ellipse: s-maj=23.7km
s-min=11.7km az=54.0
NMC 06 18:34:57.4-2.7,42.60N:85.56E,h22km,11km,mb3.6,
mpv3.1,Error ellipse: s-maj=19.2km s-min=11.7km
az=133.0
ISC 06 18:34:46.7-1.0,42.45N:0.09-86.39E:0.07,h10km,n13,
c2811/19,10C-3D, North Xinjiang

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Contains station data for Podgornoye, Makanchi Array, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Contains station data for Kurchatov Arra, Kurchatov, Lanzhou Array, etc.

AEIC 06 18:39:09.4-3.2,50.95N:0.05-179.69W:0.06,h13km,4km,
Error ellipse: s-maj=7.3km s-min=5.8km az=174.0
NEIC 06 18:39:10.8-2.7,51.00N:0.06-179.72W:0.04,h40km,8km,
mb4.1/38,ML3.9/12,ML3.7(AEIC),Error ellipse:
s-maj=9.9km s-min=1.3km az=159.0
IDC 06 18:39:12.1-3.0,51.05N:179.67W,h53km,24km,mb3.7/20,
mbmp4.0/22,ML3.4/2,MS3.8/2,Error ellipse:
s-maj=23.3km s-min=13.6km az=177.0
ISC 06 18:39:10.8-1.4,51.00N:0.1-179.70W:0.03,h46km,11km,
n100,s1917/92,mb4.1/36,Andreas Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Contains station data for Amchitka, Gareloi-Kavalg, etc.

IDC 06 19:58:56.8-0.7, 30.845S, 67.95W, h0km, mb4.2/7, mbmp4.0/11, ML3.74, MS3.2/2, Error ellipse: s-maj=23.3km s-min=10.0km az=112.0 SJA 06 19:58:58.5-0.8, 30.885S, 68.34W, h14km, ML4.1, MW3.9 NEIC 06 19:58:59.4-1.8, 30.935S, 01.68-20W, 0.06, h10km, 1km, mb4.4/13, Error ellipse: s-maj=8.6km s-min=2.9km az=88.0 GFZ 06 19:58:59.8-0.3, 31.2-2.6, 8W, h10km, M4.4/12, mb4.4/12

ISC 06 19:58:58.4-1.0, 30.808S, 0.02-68.22W, 0.02, h9km, 7km, n146, c1989/186, mb4.5/12, 1C, San Juan Province

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various stations like Cerro Villicun, Valle Fertil, San Juan, Coronel Fontan, Zonda, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various stations like Lanos de Chal, Copiapo, Copiapo, Talagante, etc.

HEL 06 20:07:30.2-1.3, 67.94N-33.44E, h0km, ML1.2, Explosion, Baltic States-Belarus-Northwestern Russia. Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC.

KOLA 06 20:08:03.9, 67.66N-33.74E, h0km, ML1.2, Error ellipse: s-maj=2.6km s-min=0.9km az=150.0, Khibiny, mines Kirovsk, Yuksport, Baltic States-Belarus-Northwestern Russia. Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC.

GCG 06 20:17:50.9-1.4, 14.23N-93.03W, h28km, 11km, MD4.3, Presumed earthquake MEX 06 20:17:52.0-1.1, 14.45N-92.91W, h96km, 24km, MD4.0, Presumed earthquake

ISC 06 20:17:47.9-2.3, 14.1N, 0.1x93.09W, 0.07, h37km, n15, c201/25, Near coast of Chiapas. Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC.

MEX 06 20:24:10.4-0.8, 30.67N-114.16W, h2km, 20km, MD3.9, Presumed earthquake ECX 06 20:24:11.2-0.3, 30.64N-114.10W, h18km, 3km, ML3.8

ISC 06 20:24:08.2-1.5, 30.66N, 0.03-114.16W, 0.03, h3km, 12km, n20, c097/33, 11C-4D, Gulf of California. Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like MKAR Makanchi Array, MAZ Makanchi, MAZK Makanchi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like SHEM Shemya Is, Ala, SHEM Shemya Is, Ala, SHEM Shemya Is, Ala, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like SOMN Songino Array, TROLL Troll, Antarti, SNAA Sanaa, etc.

JMA 06:21:33:25.0:0.1, 38.6°N, 02:139:5E, 0.2, h8km, 1km, MV2/5/38, W OFF YAMAGATA PREF, Near west coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like JYA Atsumi, JYA Atsumi, JAW Awa shima, etc.

BJI 06:21:33:46.2, 36.70°N, 141:44E, h30km, mb5.2/30, mb5.1/78, MS4/9/64, MS7.4/76A

JMA 06:21:33:48.4, 0.1, 36.7°N, 0:3, 141:5E, 0:4, h38km, MD5.2/39, MW5.0/39, E OFF IBARAKI PREF, JMA Felt III J1 at E OFF IBARAKI PREF, NIED 06:21:33:48.4, 0.1, 36.69°N, 141:48E, h38km, MW5.1, Moment Tensor Solution, s3 Moment tensor, Scale 10^19Nm, etc.

NEIC 06:21:33:49.1, 1.1, 36.66°N, 0:05, 141:57E, 0:08, h31km, 1km, mb5.2/454, Mw4.9/19, Mw5.1/11, Error ellipse: s-maj=9.9km, s-min=6.9km, az=117.0, Moment Tensor Solution, Moment tensor, Scale 10^19Nm, etc.

GMCMT 06:21:33:52.1, 0.2, 36.81°N, 0:02, 141:48E, 0:02, h18km, MW5.2/124, Moment Tensor Solution, s40, c50, s124, c193, Duration: 1s0, Moment tensor, Scale 10^16 Nm, etc.

BGR 06:21:33:56.6, 37:57N:139:84E, h39km, 2km, mb5.1, Ms4.6, ISC 06:21:33:49.2, 0.3, 36.69°N, 0:03, 141:53E, 0:03, h35km, 1km, h35km, pp-P, n126, e130/969, mb5.2/454, MS4.7/80, 64C-61D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like ONAJ Iwakimizuishiy, ONAJ Iwakimizuishiy, ONAJ Hitachi, etc.

ISC 06:21:12:42.8, 1.3, 51:13N, 173:87E, h0km, mb4.6/10, mbmp3.6/11, ML2.9/11, Error ellipse: s-maj=29.5km, s-min=14.5km, az=3.0, NEIC 06:21:12:44.3, 1.5, 51:11N, 0:05, 173:8E, 0:1, h10km, 1km, mb4.0/24, ML3.2/6, ML3.3(AEIC), Error ellipse: s-maj=12.7km, s-min=4.2km, az=235.0, AEIC 06:21:12:48.0, 1.1, 51:0N, 0:1, 173:7E, 0:1, h10km, 5km, Error ellipse: s-maj=15.8km, s-min=10.1km, az=193.0, ISC 06:21:12:43.9, 0.6, 51:12N, 0:09, 173:81E, 0:05, h10km, n65, e192/63, mb4.0/21, Near Islands

ISC 06:21:24:38.1, 1.7, 17:08S, 167:88E, h0km, mb4.0/5, mbmp4.0/6, ML3.4/1, MS3.3/6, Error ellipse: s-maj=41.2km, s-min=22.4km, az=87.0, ISC 06:21:24:42.7, 1.4, 17:3S, 0:1, 167:8E, 0:3, h19km, n13, e097/10, mb4.5/7, MS3.1/3, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, etc.

6d 21h

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like Tackaleechee C, Sonseca Array, and various BOSA and DBIC stations.

MOS 06:21:34:23.6:1.3, 37.21N:55.17E, h10km, mb5, 1/55, MS4.3/6, Error ellipse: s-maj=4.5km s-min=2.7km az=39.4

TEH 06:21:34:23.1, 36.94N:55.13E, h7km, ML5.1, Presumed earthquake

DSN 06:21:34:24.1:4.3, 36.98N:55.20E, h6km, mb3.3/3, MS4.4/7, Error ellipse: s-maj=6.8km s-min=4.8km az=72.0

NEIC 06:21:34:26.7:1.6, 36.98N:0.08:55.11E:0.07, h10km, mb5, 1/197, Mw=5.3/12, Error ellipse: s-maj=14.1km s-min=9.9km az=171.0

GFZ 06:21:34:27.0:0.1, 37.3N:5.5E, h10km, M4.7/144, mb5.3/66, mb5.0/144, Mw(mb)4.7/66, confirmed

ISC 06:21:34:26.8:0.5, 37.11N:0.03:55.11E:0.03, h15km, mb5, 1/151, P=1140, P129.000, Azm=268.000, N=0.3890, Plg=61.000, Azm=81.000, P=5.5370, Plg=3.000, Azm=176.000, nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Res, and other parameters. Lists numerous stations including Minoodasht, Maraveh tapeh, and various BND, ISHM, and SHRV stations.

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Main table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Lists stations like Gotvand, Kerman, Mingechevir, and various GARM, KIV, and AKTO stations.

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Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Lists stations like AKTO, Aktubinsky, Arslanbuloq, and various BNN, AAK, and BELG stations.

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., pmax, p, L, M, R).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., pmax, p, L, M, R).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., pmax, p, L, M, R).

GRB4	Gräfenberg Arr	33.56 306	P	P	21 41 08.2	+2.2
NEUB	Neuenburg	33.62 309	eP	P	21 41 08.6	+2.1
NEUB	Neuenburg	33.62 309	eP	P	21 41 08.4	+1.9
GRC2	Gräfenberg Arr	33.64 304	P	P	21 41 07.2	+0.4
MOX	Moxa	33.65 308	P	P	21 41 07.9	+1.1
MOX	Moxa	33.65 308	eP	P	21 41 07.8	+1.0
MOX	Moxa	33.65 308	eL	L	21 59 36.2	
MOX	Moxa	33.65 308	P	P	21 41 07.8	+1.0
FUR	Furstenfeldbru	33.66 303	P	P	21 41 08.4	+1.4
FUR	Furstenfeldbru	33.66 303	eP	P	21 41 08.0	+1.0
FUR	Furstenfeldbru	33.66 303	eP	P	21 41 08.4	+1.4
FUR	Furstenfeldbru	33.66 303	P	P	21 41 08.6	+0.7
GRA2	Gräfenberg Arr	33.71 306	P	P	21 41 08.2	+0.8
GRA3	Gräfenberg Arr	33.74 306	P	P	21 41 08.9	+1.2
MOTA	Moosalm	33.75 302	iP	P	21 41 07.3	-0.6
GRA1	Gräfenberg Arr	33.80 306	P	P	21 41 10.3	+2.1
GRF	Gräfenberg Arr	33.80 306	eP	P	21 41 09.8	+1.6
GRF	Gräfenberg Arr	33.80 306	eL	L	21 59 23.7	
WIMM	Wimmelburg	33.83 309	P	P	21 41 11.3	+3.0
ZCCA	Zocca	33.89 296	P	P	21 41 09.6	+0.6
RETA	Reutte	33.98 302	iP	P	21 41 09.4	-0.5
FETA	Feichten	34.00 301	iP	P	21 41 09.8	-0.3
FLTG	Flechtingen	34.11 311	eP	P	21 41 12.1	+1.4
FLTG	Flechtingen	34.11 311	P	P	21 41 13.3	+2.6
VLG	Vilcollamand	34.32 296	P	P	21 41 15.5	+2.7
SGF	Sodankyl	34.40 341	P	P	21 41 15.6	+2.5
SGF	Sodankyl	34.40 341	P	P	21 41 15.6	+2.5
ASSE	Asse, Remlinge	34.42 310	eP	P	21 41 15.2	+1.8
ASSE	Asse, Remlinge	34.42 310	P	P	21 41 12.9	-0.6
UBR	Ueberbruh	34.43 302	eP	P	21 41 13.2	-0.5
UBR	Ueberbruh	34.43 302	P	P	21 41 14.8	+1.0
SJUU	Sjulsmark	34.52 336	eP	P	21 41 16.1	+2.0
CLZ	Clausthal	34.57 310	eP	P	21 41 17.9	+3.1
CLZ	Clausthal	34.57 310	P	P	21 41 18.1	+3.3
DAVA	Damuels	34.58 302	iP	P	21 41 14.7	-0.4
DAVA	Damuels	34.58 302	P	P	21 41 14.7	-0.4
DAVOK	Davos Schmal	34.58 301	P	P	21 41 14.8	-0.4
UBBA	Unterbreizbach	34.68 308	P	P	21 41 14.1	-1.6
GTGG	Gottingen	34.78 309	eP	P	21 41 18.8	+2.2
GTGG	Gottingen	34.78 309	P	P	21 41 18.0	+1.3
HFS	Hagfor	34.93 325	P	P	21 41 17.8	+0.2
HFS	Hagfor	34.93 325	LR	LR	21 58 56.2	
BSEG	Bad Segeberg	34.92 313	eP	P	21 41 18.5	+0.7
BSEG	Bad Segeberg	34.92 313	eP	P	21 41 19.6	+1.8
BSEG	Bad Segeberg	34.92 313	P	P	21 41 18.5	+0.7
TUE	Stuetta	34.95 300	P	IAMB	21 41 18.0	-0.4
TUE	Stuetta	34.95 300	P	IAMB	21 41 33.9	
TUE	Stuetta	34.95 300	P	P	21 41 19.3	+0.9
TUE	Stuetta	34.95 300	P	P	21 41 19.0	+0.6
STU	Stuttgart	35.07 304	P	P	21 41 20.7	+1.5
STU	Stuttgart	35.07 304	P	P	21 41 20.7	+1.5
STU	Stuttgart	35.07 304	P	P	21 41 20.7	+1.5
STU	Stuttgart	35.07 304	P	P	21 41 20.7	+1.5
RETH	Rethem/Aller	35.30 311	eP	P	21 41 23.1	+2.1
RETH	Rethem/Aller	35.30 311	P	P	21 41 21.6	+0.6
PGF	Pioggiola	35.48 293	P	P	21 41 25.4	+2.5
PGF	Pioggiola	35.48 293	P	P	21 41 22.5	-0.4
SLE	Schleithelm	35.52 302	P	P	21 41 24.8	+1.7
SLE	Schleithelm	35.52 302	P	P	21 41 24.9	+1.7
BNALP	Bannalp	35.58 301	P	P	21 41 22.6	-1.2
BFO	Black Forest	35.64 303	iP	P	21 41 23.8	+2.7
BFO	Black Forest	35.64 303	P	P	21 41 23.9	-0.1
BFO	Black Forest	35.64 303	eP	P	21 41 23.7	-0.4
VSL	Villasalto	35.68 288	IAMB	IAMB	21 41 23.9	+0.4
KASTN	Kahler Asten	35.72 308	eP	P	21 41 27.0	+2.3
MORE	Moreh	35.82 100	IAMB	IAMB	21 41 26.4	+0.5
VADS	Vadso	35.82 345	eP	P	21 41 31.6	+6.2
VADS	Vadso	35.82 345	eP	P	21 41 45.9	
VADS	Vadso	35.82 345	eS	S	21 46 58.8	-3.3
VADS	Vadso	35.82 345	eS	S	21 46 58.8	-3.3
LANU	Lannavaara	36.05 340	eP	P	21 41 28.7	+1.3
NC602	NORSAR Array S	36.12 325	eS	S	21 41 29.7	+1.9
NC602	NORSAR Array S	36.12 325	eS	S	21 47 09.4	+2.7
NC602	NORSAR Array S	36.12 325	P	P	21 41 29.3	+1.3
NC405	NORSAR Array S	36.12 325	P	P	21 41 30.9	+2.9
NC405	NORSAR Array S	36.12 325	P	P	21 41 28.8	+0.3
ARA0	ARCESS Array B	36.21 343	eP	P	21 41 30.8	+2.0
ARA0	ARCESS Array B	36.21 343	eP	P	21 41 34.1	
ARA0	ARCESS Array B	36.21 343	eS	S	21 47 09.7	+1.6
ARA0	ARCESS Array B	36.21 343	eS	S	21 48 31.7	+1.6
ARCES	ARCESS Array B	36.21 343	P	P	21 41 30.1	+1.4
ARCES	ARCESS Array B	36.21 343	LR	LR	21 59 08.2	
ARCES	ARCESS Array B	36.21 343	P	P	21 41 30.2	+1.5
IBBN	Ibbsen	36.22 310	eP	P	21 41 31.8	+2.9
CDF	Champ du Feu	36.34 304	eP	P	21 41 29.0	-1.2
NCB21	NORSAR Array S	36.34 325	P	P	21 41 31.1	+1.2
NCB21	NORSAR Array S	36.34 325	P	P	21 41 31.4	+1.3
NB2	NORSAR Subarra	36.37 325	P	P	21 41 29.8	-0.5
NB2	NORSAR Subarra	36.37 325	P	P	21 41 29.8	-0.5
NB2	NORSAR Subarra	36.37 325	P	P	21 41 29.8	-0.5

NOA	NORSAR Array B	36.37 325	P	P	21 41 29.7	-0.5
NOA	NORSAR Array B	36.37 325	LR	LR	21 58 56.6	
SENIN	La Senin/Sana	36.37 300	IAMB	IAMB	21 41 30.1	-0.5
BOUR	Bourignon	36.38 302	P	P	21 41 31.0	+0.5
KTK1	Kautokeino	36.39 341	eP	P	21 41 31.9	+1.7
KTK1	Kautokeino	36.39 341	IAMB	IAMB	21 41 32.5	
KTK1	Kautokeino	36.39 341	eS	S	21 47 13.7	+2.9
KTK1	Kautokeino	36.39 341	eS	S	21 58 57.2	
ECH	Echery	36.42 303	P	P	21 41 30.9	+0.1
ECH	Echery	36.42 303	P	P	21 41 30.9	+0.1
ECH	Echery	36.42 303	IAMB	IAMB	21 41 30.9	+0.1
ECH	Echery	36.42 303	IAMB	IAMB	21 41 30.9	+0.1
ECH	Echery	36.42 303	P	P	21 41 30.8	0.0
BUG	Bochum-Univers	36.45 309	eP	P	21 41 32.4	+1.5
NAO01	NORSAR Array S	36.45 325	eP	P	21 41 31.6	+0.7
NAO01	NORSAR Array S	36.45 325	P	P	21 41 32.1	+1.2
NAO01	NORSAR Array S	36.45 325	IAMB	IAMB	21 41 48.2	
NAO01	NORSAR Array S	36.45 325	P	P	21 41 32.0	+1.2
SBF	Sospel	36.47 296	eP	P	21 41 32.1	+0.8
SBF	Sospel	36.47 296	P	P	21 41 30.9	-1.5
KEST	Kesra	36.58 282	P	P	21 41 33.0	+0.6
KEST	Kesra	36.58 282	IAMB	IAMB	21 41 57.2	
HINF	Hinterflak	36.63 303	eP	P	21 41 34.4	+1.8
HINF	Hinterflak	36.63 303	P	P	21 41 34.4	+1.8
NC204	NORSAR Array S	36.66 326	P	P	21 41 34.6	+1.9
NC204	NORSAR Array S	36.66 326	IAMB	IAMB	21 42 47.4	
KONO	Kongsberg	36.68 323	eP	P	21 41 33.9	+1.2
KONO	Kongsberg	36.68 323	IAMB	IAMB	21 41 37.5	
KONO	Kongsberg	36.68 323	eS	S	21 47 18.3	+3.0
KONO	Kongsberg	36.68 323	eS	S	21 49 50.3	+4.8
KONO	Kongsberg	36.68 323	eS	S	21 59 58.9	
ISO	Isola	36.71 296	P	P	21 41 33.2	-0.2
ISO	Isola	36.71 296	P	P	21 41 33.2	-0.2
NRIK	Noril'sk	36.76 19	P	P	21 41 34.7	+1.3
NRIK	Noril'sk	36.76 19	LR	LR	21 57 08.3	
NRIK	Noril'sk	36.76 19	P	P	21 41 35.2	+1.8
NRIK	Noril'sk	36.76 19	P	P	21 41 33.5	-0.9
LPG	La Plagne	36.82 299	eP	P	21 41 33.6	-0.9
LPG	La Plagne	36.82 299	eP	P	21 41 33.6	-0.9
LPG	La Plagne	36.82 299	eP	P	21 41 33.6	-0.9
LPG	La Plagne	36.82 299	eP	P	21 41 33.6	-0.9
MBDF	Montbardon	36.86 297	eP	P	21 41 33.7	-1.0
MBDF	Montbardon	36.86 297	eP	P	21 41 33.7	-1.0
HAU	Haudompre	36.96 303	eP	P	21 41 34.6	-0.8
HAU	Haudompre	36.96 303	eP	P	21 41 34.6	-0.8
GIMEL	St. Georges / Noril'sk	37.08 300	P	P	21 41 38.0	+1.5
WLF	Walfardange	37.09 306	P	P	21 41 38.0	+1.6
WLF	Walfardange	37.09 306	P	P	21 41 37.8	+1.4
WLF	Walfardange	37.09 306	eP	P	21 41 37.6	+1.2
WLF	Walfardange	37.09 306	eP	P	21 41 40.2	+3.9
CABF	La Chapelle	37.20 301	eP	P	21 41 37.0	-0.5
CABF	La Chapelle	37.20 301	eP	P	21 41 37.0	-0.5
MEM	Membach	37.20 307	P	P	21 41 40.2	+2.8
MEM	Membach	37.20 307	P	P	21 41 41.9	+4.5
MEM	Membach	37.20 307	P	P	21 41 40.2	+2.8
MOR8	Moi Rana	37.32 334	eS	S	21 41 39.6	+1.5
MOR8	Moi Rana	37.32 334	eS	S	21 47 27.8	+2.8
MOR8	Moi Rana	37.32 334	IAMB	IAMB	22 00 54.7	
NSS	Namsos	37.45 331	eP	P	21 41 40.5	+1.3
NSS	Namsos	37.45 331	IAMB	IAMB	21 41 54.9	
NSS	Namsos	37.45 331	eS	S	21 47 28.9	+2.0
NSS	Namsos	37.45 331	IAMB	IAMB	22 04 28.4	
HAMF	Hammerfest	37.45 343	eP	P	21 41 41.7	+2.5
HAMF	Hammerfest	37.45 343	IAMB	IAMB	21 41 43.4	
HAMF	Hammerfest	37.45 343	eS	S	21 47 29.1	+2.3
HAMF	Hammerfest	37.45 343	IAMB	IAMB	21 59 11.0	
JETT	Jettan, Norway	37.50 341	P	P	21 41 42.3	+2.6
RAUS	Rausandaksla	37.59 334	IAMB	IAMB	21 41 42.2	
RAUS	Rausandaksla	37.59 334	P	P	21 41 42.3	+1.8
RAUS	Rausandaksla	37.59 334	IAMB	IAMB	21 47 33.2	+4.1

6d 21h

Table with columns: Station, Name, Time, Az, El, P, S, X, Y, Z, etc. Includes stations like HHC, NEWG, EAB, etc.

2020 SEP

Table with columns: Station, Name, Time, Az, El, P, S, X, Y, Z, etc. Includes stations like ZEA, TIO, DL2, etc.

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Table with columns: Station, Name, Time, Az, El, P, S, X, Y, Z, etc. Includes stations like G19K, COLD, F24K, etc.

6d 23h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ECBN, EHY, EHYH, etc.

NEIC 06 22:41:49.8, 0.16, 166S, 0.05, 168E, 0.1, h180km, 6km, mb4.3/15, Error ellipse: s-maj=18.5km s-min=7.7km az=87.0

IDC 06 22:41:50.6, 2.9, 161.11S, 168.05E, h186km, 22km, mb3.8/10, mbmp4.2/11, Error ellipse: s-maj=29.0km s-min=16.9km az=65.0

NOU 06 22:41:53.2, 16.17S, 168.04E, h151km, MLV4.5/16, Vanuatu Islands

IDC 06 22:41:49.0, 0.7, 166.06S, 0.07, 168E, 0.1, h177km, n50, 6140/50, mb4.2/16, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SANVU, SARAO, RTV, etc.

2020 SEP

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA, WARRAMANGA ARR, ASAR, etc.

IDC 06 22:50:31.5, 23.0, 17.54S, 177.03W, h0km, mb4.2/5, s-min=48.5km az=58.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like URZ, UREWERA, CTA, etc.

NEIC 06 23:02:28.3, 1.2, 19.0N, 0.1, 64.32W, 0.06, h35km, 2km, ML3.0/34, MD3.8/6(RSPR), Error ellipse: s-maj=21.9km s-min=8.4km az=7.0

RSRP 06 23:02:31.2, 18.93N, 64.48W, h76km, 12km, MD3.8/6, ISC 06 23:02:27.2, 2.4, 19.1N, 0.2, 64.31W, 0.07, h42km, n30, 61502/43, 11C-2D, Virgin Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA, WARRAMANGA ARR, ASAR, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CRPR, CABO ROJO, IDE, ISLA Desecheo, etc.

NEIC 06 23:49:38.2, 1.3, 35:32N, 0:05:141:1E, 0.1, h41km, 10km, mb4.4/14, Error ellipse: s-maj=14.4km s-min=6.5km az=81.0

ISC 06 23:49:36.5, 0.7, 35:13N, 0:06:141:30E, 0.09, h27km, m62, c181/59, mb4.1/24, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include BSO1 Boso 1, BSO3 Boso 3, BSO4 Boso 4, JYT Yasato, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include BSO1 Boso 1, BSO3 Boso 3, BSO4 Boso 4, JYT Yasato, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include KKAR Karatay Array, WB0 Warramunga Arr, FITZ Fitzroy Crossi, etc.

TRN 06 23:59:02.3, 17:50N-61°22'W, h50km, MD3.6, East of Barbuda, Leeward Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include ANWB Willy Bob, ANWB Willy Bob, DSD2 La Diserade, etc.

NEIC 06 23:59:30.2, 1.2, 17:74S, 0:06:178:4W, 0.2, h565km, 11km, mb4.4/20, Error ellipse: s-maj=23.2km s-min=8.7km az=90.0

ISC 06 23:59:32.6, 3.1, 17:18S, 0:17:83W, h575km, 21km, mb3.4/3, mbmp4.0/25, Error ellipse: s-maj=11.7km s-min=33.4km az=145.0

ISC 06 23:59:28.6, 1.0, 17:75S, 0:1:178:4W, 0.2, h547km, n28, c1840/30, mb4.2/13, Fiji Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include MSVF Nonsavu, MSVF Nonsavu, DZM Mont Dzumac, etc.

IDC 06 23:52:54.8, 0.6, 35:02N, 141:32E, h0km, mb4.1/18, mbmp4.0/23, ML3.3/5, MS3.4/17, Error ellipse: s-maj=15.9km s-min=13.6km az=74.0

NEIC 06 23:52:55.9, 1.6, 35:07N, 0:05:141:59E, 0.1, h10km, 1km, mb4.5/31, Error ellipse: s-maj=11.9km s-min=3.0km az=133.0

NIED 06 23:52:59.6, 35:08N, 141:30E, h15km, MW4.2, Moment Tensor Solution, s3 Moment tensor: Scale 10^19N; Mw=1.82; Mw0.82; Mw2=2.64; Mw0.31; Mw0.83; Mw0.97; Fault plane solution: M2.56000x10^15 NP1: 0.213, 0.00000, 0.339, 0.00000, 1.65, 0.00000. NP2: 0.352, 0.00000, 0.859, 0.00000, 1.65, 0.00000.

JMA 06 23:52:59.6, 0.1, 35:1N, 0:3:141:3E, 0.3, h15km, 1km, MW3.6/39, E OFF BOSO PENINSULA

ISC 06 23:52:58.5, 0.5, 35:04N, 0:05:141:42E, 0.06, h27km, m108, c1508/98, mb4.4/39, MS3.3/12, Near east coast of eastern Honshu

Table with columns: JMN, Monobe, 68.48 318, P, P, 00 09 37.1 +0.5, etc.

SJA 07:00:00:34.4-0.6,20.77S:67.35W,h231km,ML3.7,MW3.7

SCB 07:00:00:37.4-0.9,20.83S:67.30W,h178km,ML4.3/2, Error ellipse: s-maj=5.0km s-min=4.3km az=1.0

ISC 07:00:00:36.3-0.7,20.77S:0.04:67.33W,0.04,h203km,6km,n75,e146/107,mb3.65,Southern Bolivia

Main table for station data with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

Table with columns: AQDB, Aquidauana, 10.90 90, Pn, Pn, 00 03 08.5 +1.4, etc.

ISC 07:00:00:38.0-0.5,62.23S:57.75W,h0km,mb4.2/14, mbmp4.2/15,ML3.9/1,MS3.6/15, Error ellipse: s-maj=21.8km s-min=12.9km az=86.0

Main table for station data with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

Main table for station data with columns: MT05, Renca, 30.05 339, Iamb, Iamb, 00 07 06.5, etc.

Table with columns for station name, frequency, mode, and other parameters. Includes stations like INK, HYT, P33M, BORK, ARTI, AB31, etc.

Table with columns for Code, Station Name, and other details. Includes stations like AGNA, ZAKR, SIVA, etc.

Table with columns for station name, frequency, mode, and other parameters. Includes stations like KTHA, BDRM, TURN, IZZE, FEYF, etc.

Table with columns for Code, Station Name, and other details. Includes stations like WRA, ASAR, etc.

Table with columns for station name, frequency, mode, and other parameters. Includes stations like AC04, AC03, AC04, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, SNR, and other parameters. Includes stations like Tenmabayashi, Ermo, Zalesovo Beam, etc.

MDD 07 02:02:31.8;1.1,34.78N;4.74E, h0km, Mb4.3/13, M_mb3.7/13, Error ellipse: s-maj=10.1km s-min=6.2km az=158.0

CRAAG 07 02:02:36.3;35.24N;4.48E, MI3.6, Algrie 13km SW Khoubana

ISC 07 02:02:36.0;1.5;35.18N;0.08;4.58E;0.05, h10km, n14, r1528/13, 6C, Northern Algeria

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, SNR, and other parameters. Includes stations like Ouled Sidi Bra, El Kantara, Dar Choukh, etc.

SFS 07 02:12:42.1,36.58N;9.84W, h15km, ML3.0/9, ML3.1/9, ML3.1/9

MDD 07 02:12:42.9;1.3,36.60N;9.80W, h13km,5km, mb_Lg2.5/5, Error ellipse: s-maj=9.9km s-min=7.5km az=5.0

IGIL 07 02:12:43.5,36.56N;9.77W, h15km, ML1.4

INMG 07 02:12:43.8;1.3,36.57N;9.76W, h15km,5km, ML1.3, Error ellipse: s-maj=6.6km s-min=5.6km az=104.0

CNRM 07 02:12:45.4,36.37N;9.23W, h22km, ISC 07 02:12:38.7;2.1,36.41N;0.05;9.90W;0.08, h25km,15km, n41,r1566/74, 1C, West of Gibraltar

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, SNR, and other parameters. Includes stations like Vila Bisbo, Sao Teonion, Barranco-do-Ve, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, SNR, and other parameters. Includes stations like Barrancos, Montargil, Estremoz, etc.

TEH 07 02:15:58.5;27.07N;55.85E, h11km,48km, ML2.9, Presumed earthquake

DSN 07 02:16:00.9;0.7,27.16N;56.04E, h10km, ML2.8/9, Error ellipse: s-maj=24.1km s-min=5.3km az=78.0

OMAN 07 02:16:02.0;2.2,27.11N;55.79E, h13km,2km, ml2.8/15, Error ellipse: s-maj=3.8km s-min=2.8km az=17.0

ISC 07 02:16:00.6;1.7,27.11N;0.06;55.91E;0.10, h10km,14km, n35,r084/44, Southern Iran

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, SNR, and other parameters. Includes stations like Bandar-Abbas, Shamm, Masaf, etc.

IDC 07 02:18:04.2;1.0,28.83S;71.89W, h0km, mb4.2/5, mbtmp3.9/9, ML3.6/4, MS3.0/2, Error ellipse: s-maj=25.9km s-min=15.0km az=83.0

NEIC 07 02:18:06.3;1.1,28.93S;0.05;72.03W;0.09, h17km,5km, mb4.1/3, ML4.1(GUC), Error ellipse: s-maj=12.2km s-min=6.8km az=100.0

GC 07 02:18:07.6;0.0,29.00S;71.72W, h52km,2km, ML4.1 SJA 07 02:18:08.4;0.7,28.96S;71.83W, h44km,9km, ML3.9

ISC 07 02:18:04.2;2.9,28.94S;0.03;72.00W;0.05, h6km,18km, n102,r1971/132, mb4.2/4, 3C-3D, Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, SNR, and other parameters. Includes stations like Llanos de Chal, Las Campanas, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, SNR, and other parameters. Includes stations like Fray Jorge, Juntas del Tor, Copiapo, etc.

7d 3h

Table with columns: SIV, AODB, BDFB, SNA, QSPA, QSPA, BOS, TOR, WRA, WRA, H1S1, H1S1, H1S1, KURBB, ZALV, MKAR. Includes station names, coordinates, and various parameters.

MDD 07 02:40:24.0±0.8, 34°76'N-4°88'E, h7km, 12km, Mb4.3/25, M, mb3.7/25, Error ellipse: s-maj=15.1km s-min=4.4km az=153.0

CRAAG 07 02:40:27.7, 35°22'N-4°62'E, M3.4, Algrie 14km SE Khoubana

CNRM 07 02:40:46.7, 35°04'N-3°19'E, h44km, ML3.0

ISC 07 02:40:28.2±1.3, 35°16'N-0°06.4'E, h10km, n30, n192043, 15C, Northern Algeria

Main table with columns: Code, Station Name, Δ° AZ, Phase ID, Time, Res, ISC. Lists numerous seismic stations and their details.

ISC 07 02:44:45.6±9.6, 20°83'S-179°14'E, h645km, 70km, mb2.6/2, mbtmp3.5/3, Error ellipse: s-maj=330.7km s-min=73.4km az=153.0, South of Fiji Islands

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time, Res, ISC. Lists seismic stations for the South of Fiji Islands event.

ISC 07 02:49:18.3±2.6, 55°50'N-159°89'W, h0km, mb3.9/8, mbtmp3.9/11, ML3.6/3, Error ellipse: s-maj=63.7km s-min=16.5km az=162.0

AEIC 07 02:49:22.7±1.6, 55°17'N-159°49'W, h0km, h38km, 5km, Error ellipse: s-maj=5.1km s-min=4.3km az=81.0

NEIC 07 02:44:22.9±1.6, 55°15'N-159°50'W, h0km, h47km, 7km, mb3.9/12, ML3.7/8, ML3.6(AEIC), Error ellipse: s-maj=6.6km s-min=2.1km az=166.0

ISC 07 02:49:22.8±0.9, 55°13'N-159°46'W, h0km, gkm, n140, c099/151, mb4.1/9, Alaska Peninsula

Main table with columns: Code, Station Name, Δ° AZ, Phase ID, Time, Res, ISC. Lists numerous seismic stations and their details.

ISC 07 02:49:18.3±2.6, 55°50'N-159°89'W, h0km, mb3.9/8, mbtmp3.9/11, ML3.6/3, Error ellipse: s-maj=63.7km s-min=16.5km az=162.0

ISC 07 02:49:22.7±1.6, 55°17'N-159°49'W, h0km, h38km, 5km, Error ellipse: s-maj=5.1km s-min=4.3km az=81.0

ISC 07 02:44:22.9±1.6, 55°15'N-159°50'W, h0km, h47km, 7km, mb3.9/12, ML3.7/8, ML3.6(AEIC), Error ellipse: s-maj=6.6km s-min=2.1km az=166.0

Main table with columns: Code, Station Name, Δ° AZ, Phase ID, Time, Res, ISC. Lists numerous seismic stations and their details.

mb4.0/3, Error ellipse: s-maj=21.9km s-min=8.5km az=256.0

NOU 07 03:00:03.4, 17:145:167.70E, h22km, MLv4.6/17, Vanuatu Islands

ISC 07 03:00:04.2, 0.7, 17:155:0.05:167.62E:0.07, h25km, n41, 0e94/33, mb4.1/27, MS3.4/7.2C, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Lists various seismic stations and their data points.

ISC 07 03:30:34.1, 0.7, 36:70N:141:60E, h0km, mb3.9/15, mbmp3.9/18, ML3.7/3, MS3.9, Error ellipse:

s-maj=14.5km s-min=14.3km az=106.0 NIED 07 03:30:38.5, 36:70N:141:51E, h38km, MW4.1, Moment Tensor Solution.

s3 Moment tensor: s3 Moment tensor: Scale: 1015Nm; Mn:0.48; Mw:0.20; Mb:0.68; Mw:0.52; Mb:0.32; Mw:1.49;

Fault plane solution: Mw:1.69000x10^15 NP1: 0e19.000000, 0.11.000000, 1.87.000000; NP2: 0e19.000000, 0.79.000000, 1.91.000000.

JMA 07 03:30:38.0, 1.36:7N:03:141:5E:0.3, h38km, MD4.3/40, MW4.2/40, OFF IBARAKI PREF

JMA Fei J1 at E OFF IBARAKI PREF

NEIC 07 03:30:38.5, 2.3, 36:66N:105:14:68E:0.06, h29km, 5km, mb4.4/19, Error ellipse: s-maj=9.2km s-min=2.4km az=223.0

ISC 07 03:30:37.8, 3.1, 36:73N:04:141:54E:0.07, h24km, 21km, n93, i1929/79, mb4.1/27, MS3.6/4, 4D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Lists various seismic stations and their data points.

Table with columns: USRK, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Lists various seismic stations and their data points.

NOU 07 03:42:44.7, 17:115:167.83E, h5km, MLv4.1/12, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Lists various seismic stations and their data points.

HEL 07 04:02:35.2, 0.4, 65:84N:24:64E, h0km, ML0.9, Suspected explosion, Finland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Lists various seismic stations and their data points.

Table with columns: RNF, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Lists various seismic stations and their data points.

HEL 07 04:03:46.6, 0.5, 67:80N:20:30E, h0km, ML1.2, Suspected explosion, Sweden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Lists various seismic stations and their data points.

SCB 07 04:12:57.7, 1.4, 18:28S:63:08W, h12km, 12km, MB5.5, ML2.5/1, Error ellipse: s-maj=28.4km s-min=4.6km az=0.0, Central Bolivia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Lists various seismic stations and their data points.

CATAC 07 04:30:39.5, 0.4, 13:2N:9:0W, h30km, 2km, M3.8/30, MLV3.8/30, Error ellipse: s-maj=4.7km s-min=2.4km az=23.9, confirmed

SNET 07 04:30:40.7, 1.3, 13:40N:90:17W, h46km, 9km, ML3.8, Presumed earthquake

GCG 07 04:30:40.6, 1.4, 13:48N:90:22W, h45km, 11km, MD4.2, Presumed earthquake

ML4.3, MW3.2, Presumed earthquake

ISC 07 04:30:40.6, 1.4, 13:37N:0:06:90:19W:0.04, h45km, 18km, n79, 0e97/118, 9C, Near coast of Guatemala

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Lists various seismic stations and their data points.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PAVA Las Pavas, COEG Centro de Oper, MTO3 Montecristo, etc.

NOU 07 04:32:42.7, 16:99S; 167.60E, h0km, mb4.4/9, Vanuatu Islands

IDC 07 04:32:43.2, 1.7, 16:98S; 167.52E, h0km, mb4.0/3, mbtmp4.0/4, ML3.8/1, MS3.6/2, Error ellipse: s-maj=40.4km s-min=22.7km az=85.0

NEIC 07 04:32:44.6, 1.4, 17:08S; 167.7E, 0.1, h10km, 1km, mb4.1/5, Error ellipse: s-maj=22.3km s-min=6.0km az=281.0

ISC 07 04:32:46.1-0.8, 17:07S; 167.62E, 0.07, h25km, n26, 01501/26, mb4.1/5, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RTV Rentapao, SANVU Saraoutou, WARRAMA Warramunga Arr, etc.

SJA 07 04:39:21.9-0.8, 31.85S; 71.72W, h41km, 194km, ML3.8, MW4.0

IDC 07 04:39:23.1-0.8, 31.82S; 71.69W, h63km, 6km, mb3.5/5, s-min=1.5km az=177.0

GUC 07 04:39:23.7, 0.8, 31.82S; 71.60W, h67km, 6km, ML4.2

NEIC 07 04:39:23.4, 0.9, 31.82S; 0.04: 71.7W, 0.1, h62km, 9km, mb4.1/8, ML4.2(GUC), Error ellipse: s-maj=15.4km s-min=5.3km az=85.0

ISC 07 04:39:22.7-0.6, 31.82S; 0.02: 71.78W, 0.05, h57km, 6km, n113, 01505/140, mb4.1/6, 5C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CO04 Los Peladeros, CO02 Combarbal, CO02 Combarbal, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ROCH El Pedregal, CO03 El Pedregal, CO03 El Pedregal, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H03S2 Juan Fernandez, G006 Curarehue, PLCA Paso Flores, etc.

Table of station data for the 7d 5h period, including station names, coordinates, and various parameters.

Main table of station data for 2020 SEP, listing stations like Lanzhou, Ulanbaatar, Yakutsk, etc., with their respective coordinates and parameters.

Table of station data for the VRAC Vranov, KEST Kesra, VAE Vaugarnera, etc., including coordinates and parameters.

Table of station data for the IDC 07 04:48:44.8, 6.0, 60.60N, 28.81W, h0km, mb3.6/3, mbtmpt3.7/L, M3.6/2, Error ellipse: s-maj=23.3km, s-min=21.5km, Az=15.0, Reykjanes Ridge.

Table of station data for the MAN 07 05:06:59.0, 13.36N, 120.73E, h137km, MS3.3, IDC 07 05:07:08.3, 4.5, 13.34N, 120.77E, h281km, 49km, mb3.5/15, mbtmpt4.2/16, Error ellipse: s-maj=24.0km, s-min=11.5km, Az=63.0.

Table of station data for the NEIC 07 05:07:08.1, 0.7, 13.40N, 0.09, 120.9E, 0.1, h274km, 10km, mb4.2/15, Error ellipse: s-maj=19.9km, s-min=10.7km, Az=113.0.

Table of station data for the ISC 07 05:07:05.7, 0.5, 13.43N, 0.08, 120.8E, 0.1, h250km, n38, o84/38, mb3.9/23, Mindoro.

Table of station data for the LLP Lapu-Lapu, KAPI Kappang, CMAR Chiang Mai Arr, etc., including coordinates and parameters.

Table of station data for the ASRS 07 05:15:12.0, 1.2, 54.26N, 86.18E, h0km, M2.6(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022, IDC 07 05:15:14.7, 4.0, 54.30N, 86.12E, h0km, mbtmpt2.92, ML2.7/2, Error ellipse: s-maj=33.4km, s-min=12.9km, Az=61.0, Southwestern Siberia.

0.7nm,0.5s
KURBB AML AML
MKAR Makanchi Array 7.90 199 Pn 05 17 11.6 +0.8
0.2nm,0.3s,baz=21,slow=13,SNR=6.6
0.3nm,0.3s
MKAR AML AML

IDC 07 05:19:49.0.9,14:31N;119:45E,h0km,mb3.7/8,
mbtmp3.7/8,Error ellipse: s-maj=42.3km s-min=-18.3km
az=64.0
MAN 07 05:19:51.0, 14:48N; 119:17E,h30km,MS3.7
ISC 07 05:19:54.0-0.9,14:22N;119:34E:0.10,h35km,n11,
c0911,mb3.8/7,Luzon

Code	Station Name	A° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
TIRP	Brgy. Gulod. B	1.82 86	eP	Pn	05 20 22.3	-1.3
TIRP			eS	Pn	05 20 46.5	+1.0
CAAP	Casiguran, Aur	3.25 53	eP	Pn	05 20 43.5	+0.1
CMAR	Chiang Mai Arr	21.02 283	P	Pn	05 24 25.8	-0.9
SONM	Songino Array	35.18 345	P	P	05 26 44.9	-0.7
WRA	Warramunga Arr	37.03 156	P	P	05 27 01.2	-0.4
ASAR	Alice Springs	40.27 159	P	P	05 27 29.3	+0.6
MKAR	Makanchi Array	44.82 324	P	P	05 28 05.2	-0.3
PETK	Petrovlovsk-	49.20 30	P	P	05 28 39.1	-0.4
BVAR	Borovyoye Array	54.59 326	P	P	05 29 19.3	-0.4
NOA	NORSAR Array B	86.18 332	P	P	05 32 33.8	+1.4
PLCA	Paso Flores	152.23 164	PKPbc	PKIKP	05 39 48.2	+0.7

IDC 07 05:21:27.5:2.4,25:39S;179:52E,h512km,30km,mb2.9/5,
mbtmp3.9/7,Error ellipse: s-maj=29.1km s-min=-22.9km
az=147.0
ISC 07 05:21:27.1:0.9,25:55S;0:1x179:5E:0.2,h507km,n7,
c0548/7,mb3.5/5,South of Fiji Islands

Code	Station Name	A° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
MSVF	Nonsavu	7.80 349	Op	P	05 23 22.2	+0.3
URZ	Urewera	12.94 189	P	P	05 24 15.1	-0.2
ASAR	Alice Springs	41.39 282	P	P	05 28 28.9	+0.1
WRA	Warramunga Arr	41.91 268	P	P	05 28 32.5	-0.5
QSPA	South Pole Qui	64.64 180	P	P	05 31 14.8	+0.6
NVAR	Nina Array Bea	86.15 44	P	P	05 33 14.1	-0.4
TXAR	Lajitas Array	91.60 52	P	P	05 33 39.8	-0.1

IDC 07 05:35:12.9:4.5,54:25N;87:48E,h0km,mbtmp2.8/2,
ML2.5/2,Error ellipse: s-maj=39.0km s-min=23.4km
az=55.0,Southwestern Siberia

Code	Station Name	A° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
I46RU	ZALESOV INFRA	1.59 260	Op	I	05 44 40.0	
ZALV	Zalesovo Beam	1.59 260	Pg	Lg	05 35 40.4	-1.9
KURBB	Kurchatov Arra	6.56 240	Pn	Pn	05 36 52.2	+1.6
KURBB	Makanchi Array	8.16 206	AML	AML	05 37 13.9	+1.4
MKAR			AML	AML		

NOU 07 05:38:33.6, 17:21S;167:66E,h2km,MLV4.3/15,Vanuatu Islands
ISC 07 05:38:35.4:1.2,17:15S;0:07x167:7E:0.1,h25km,n11,
c0971/11,3D,Vanuatu Islands

Code	Station Name	A° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
RTV	Rentapao	0.92 134	P	Pn	05 38 51.9	-0.7
RTV	Rentapao	0.92 134	S	Pn	05 39 04.5	-0.5
SANVU	Saraoutou	1.77 343	P	Pn	05 39 04.3	-0.1
MARNC	Mare, Loyalty	4.32 176	P	Pn	05 39 36.7	-0.8
KOUNC	Koumanc, New Ca	4.95 189	P	Pn	05 39 43.5	+1.3
YATNC	Yatnuc plateau,	4.95 189	P	Pn	05 39 49.4	+1.2
NOUC	Port Laguerre	5.11 195	P	Pn	05 39 50.2	-0.1
OUCNC	Ouen Island, N	5.11 189	P	Pn	05 39 54.2	+1.1
TROLL	Troll, Antarti	90.50 185	Op	P	05 51 35.9	+1.0
VNA3	Neumayer Olymp	91.81 181	Op	P	05 51 41.4	+0.5
VNA2	Neumayer-Watz	92.09 182	Op	P	05 51 42.8	+0.7

IDC 07 05:42:43.1:3.2,17:31S;174:15W,h76km,31km,mb3.9/6,
mbtmp4.3/7,Error ellipse: s-maj=37.0km s-min=-18.7km
az=127.0
NEIC 07 05:42:43.0:0.7,17:34S;0:07x174:0W:0.1,h74km,9km,
mb4.5/6,Error ellipse: s-maj=18.6km s-min=10.1km
az=103.0
ISC 07 05:42:45.4:0.7,17:27S;0:08x173:91W:0.10,h108km,
n22,c1959/23,mb4.4/10,Tonga Islands

Code	Station Name	A° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
AFI	Afiakumu	3.92 32	P	Pn	05 43 43.1	-0.6
AFI			S	Sn	05 44 25.7	-3.2
AFI	271nm.0.4s,baz=78,slow=24,SNR=11					
AFI	Afiakumu	3.92 32	Sn	Pn	05 44 26.6	-2.2
NIUE	Niue	4.19 116	P	Pn	05 43 45.4	-1.9
Nonsavu	Nonsavu	7.69 265	P	Pn	05 44 32.8	-2.0
URZ	Urewera	12.94 189	P	P	05 47 33.7	-0.7
RTZ	Ruatuhuna	22.72 199	P	P	05 47 38.5	+0.3
RTZ			Iamb	Iamb	05 47 48.2	
BBOO	Buckleboo	47.47 241	P	P	05 51 09.3	-0.2
WRA	Warramunga Arr	48.97 258	P	P	05 51 20.1	-1.2
AS31	Alice Springs	49.09 253	P	P	05 51 20.6	-0.6
AS31			Iamb	Iamb	05 51 22.7	
ASAR	Alice Springs	49.09 253	P	P	05 51 21.6	-0.6
QSPA	South Pole Qui	72.79 180	P	P	05 54 03.4	+1.4
J20K	Johnston Atoll	22.35 199	P	P	05 54 58.9	+2.8
J20K			Iamb	Iamb	05 55 08.0	
PDAR	Pinedale Array	83.97 42	P	P	05 55 05.8	+1.9

comp=Z,0.5nm,0.7s,baz=225,slow=3.4,SNR=6.4
PDAR Pinedale Array 83.97 42 P P 05 55 05.7 +1.7
CCB Clear Creek Bu 84.08 11 P P 05 55 06.2 +2.6
CCB Iamb Iamb 05 55 07.2 -1.0
ILAR Eielson Array 84.36 11 P P 05 55 07.5 +2.4
comp=Z,1.0nm,0.9s
ILAR Eielson Array 84.36 11 P P 05 55 07.2 +2.1
IMAR Indian Mountain 84.38 8 P P 05 55 08.0 +2.9
BMAR Burnt Mountain 87.16 11 P P 05 55 21.2 +2.3
GERES GERRSS Array B 147.90 35 PKPbc PKIKP 05 02 18.9 -1.0
comp=Z,1.0nm,0.2s,baz=44,slow=3.0,SNR=3.5

ASRS 07 05:45:34.0:0.8,54:39N;86:79E,h0km,M2.7(MOS),The
earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.
IDC 07 05:45:35.4:3.5,54:45N;86:84E,h0km,mbtmp3.1/2,
ML2.7/2,Error ellipse: s-maj=28.7km s-min=17.0km
az=69.0,Southwestern Siberia

Code	Station Name	A° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
I46RU	ZALESOV INFRA	1.29 248	Op	I	05 53 40.0	
ZALV	Zalesovo Beam	1.29 248	Pg	Lg	05 45 59.1	-1.0
ZALV			Lg	Lg	05 46 16.3	
KURBB	Kurchatov Arra	6.35 236	Pn	Pn	05 47 10.6	+0.4
KURBB			Lg	Lg	05 48 57.5	
KURBB	Makanchi Array	8.19 202	AML	AML	05 47 37.2	+1.8
MKAR			Sn	Sn	05 49 08.2	-0.5
MKAR			Lg	Lg	05 49 52.3	
MKAR			AML	AML		
BVAR	Borovyoye Array	9.85 268	Sn	Sn	05 49 43.5	-5.9

IDC 07 06:08:46.2:1.3,5:96S;152:19E,h0km,mb4.0/4,
mbtmp4.1/5,ML2.1/1,Error ellipse: s-maj=37.8km
s-min=15.4km az=107.0
NEIC 07 06:08:48.8:1.2,5:89S;0:07x152:1E:0.2,h10km,1km,
mb4.2/14,Error ellipse: s-maj=35.5km s-min=3.4km
az=109.0
ISC 07 06:08:52.0:0.9,5:85S;0:10x152:0E:0.2,h36km,n23,
c0782/24,mb4.1/11,New Britain region

Code	Station Name	A° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
KRVTV	Keravat (AS076	1.54 1	Pn	Pn	06 09 16.6	-0.5
KRVTV			Sn	Sn	06 09 37.3	+1.6
RABL	Rabul	1.66 6	Pn	Pn	06 09 18.3	-0.6
PMG	Port Moresby	5.95 233	P	P	06 10 17.8	0.0
PMG			AML	AML		
PMG	Port Moresby	5.95 233	P	P	06 10 17.9	+0.1
WBO	Warramunga Arr	22.00 229	P	P	06 13 43.2	-0.3
WBO			Iamb	Iamb	06 13 47.0	
WBR	Warramunga Arr	22.04 229	P	P	06 13 44.0	+0.2
WBR			Iamb	Iamb	06 13 57.1	
WRA	Warramunga Arr	22.15 229	P	P	06 13 43.8	-1.3
WRA			P	P	06 13 43.7	-1.3
KNRA	Kunururra	24.79 245	P	P	06 14 10.3	-0.7
KNRA			Iamb	Iamb	06 14 29.1	
AS31	Alice Springs	24.83 223	P	P	06 14 11.2	-0.2
AS31			Iamb	Iamb	06 14 14.2	
ASAR	Alice Springs	24.83 223	P	P	06 14 11.5	+0.1
FITZ	Fitzroy Crossi	28.45 242	P	P	06 14 43.6	-0.4
VNDA</						

Table with columns: Station, Frequency, Power, Direction, and other technical details. Includes stations like Roma, Rabaul, Peel High Scho, Charters Tower, etc.

Table with columns: Station, Frequency, Power, Direction, and other technical details. Includes stations like Kahutara, Manu, Inz, Ltz, Pats, etc.

Table with columns: Station, Frequency, Power, Direction, and other technical details. Includes stations like ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like YAK, YAK, YAK, YAK, YAK, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like L02F, CAST, CAST, CAST, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like YUH, PMD, H21K, H21K, etc.

2020 SEP

Table with columns: Station, Date, Time, Status, and other details. Includes stations like Green Mountain, Topopah Spring, Carve, etc.

Table with columns: Station, Date, Time, Status, and other details. Includes stations like Teshekpuk Lake, Blue Mountains, Pine, etc.

Table with columns: Station, Date, Time, Status, and other details. Includes stations like WMQ, LCKN, NGP, etc.

7d 6h

Table with columns for station name, frequency, and various technical parameters. Includes stations like PLOA, SAHR, BISRR, GORKA, etc.

2020 SEP

Table with columns for station name, frequency, and various technical parameters. Includes stations like ZST Bratislava, NEUB Neuenburg, ELK Clausthal, etc.

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Table with columns for station name, frequency, and various technical parameters. Includes stations like NBVP Pedro Velho, TIP Timpagrande, TIP Timpagrande, etc.

Table with columns for station call letters, location, frequency, and other details. Includes stations like NOUC Ouen Island, OUCN Ouen Island, OUCN Ouen Island, etc.

Table with columns for station call letters, location, frequency, and other details. Includes stations like CMSA Cobar Meteorol, CMSA Cobar Meteorol, CMSA Cobar Meteorol, etc.

Table with columns for station call letters, location, frequency, and other details. Includes stations like FITZ Fitzroy Crossi, NLAI Namlea, SOEI Soe, etc.

2020 SEP

7d 7h
DCZ DCZ S Sg 06 35 12.4 -0.6
DLZ AML AML ANR 06 34 59.3 0.0
LBZ Lake Benmore 1.35 83 P S 06 35 16.1 -0.7

JLN JMDO Jabal Madar 9.32 359 S P 06 58 35.6 -13
JMDO Wadi Bani Khal 9.57 4 S P 06 57 10.0 -1.0

H18K Honhosha River 62.87 23 P P 07 42 56.9 -0.4
L19K White Mountain 63.05 27 P Iamb Iamb 07 42 59.8 +1.1

ASRS 07 06:35:48.0,0.5,54.12N,-86.44E,h0km,M2.4(MOS). The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

ASRS 07 07:05:43.0,0.6,54.11N,-86.46E,h0km,M2.5(MOS). The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

ASRS 07 07:37:37.9,4.5,70.87N,-8.24W,h18km,189km,ML1.9, Presumed earthquake

IDC 07 06:35:49.2,4.0,54.17N,-86.50E,h0km,mbtmp3.0/2, ML2.7/2, Error ellipse: s-maj=33.4km s-min=14.8km az=69.0, Southwestern Siberia

IDC 07 07:05:44.9,3.9,54.16N,-86.57E,h0km,mbtmp3.2/2, ML2.9/2, Error ellipse: s-maj=35.1km s-min=15.2km az=68.0, Southwestern Siberia

IDC 07 07:37:37.9,4.5,70.87N,-8.24W,h18km,189km,ML1.9, Presumed earthquake

Code Station Name Δ° AZZ Phase ID Time Res ISC
I46RU ZALESOVO INFRA 1.01 258 Op I SC 06 42 10.0

Code Station Name Δ° AZZ Phase ID Time Res ISC
I46RU ZALESOVO INFRA 1.05 259 Op I SC 07 12 30.0

Code Station Name Δ° AZZ Phase ID Time Res ISC
ARCES ARCES Array B 87.13 342 P P 07 45 15.1 -2.2

ASRS 07 06:48:10.0,0.0,6.5372N,-88.15E,h0km,M2.5(MOS). The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDC 07 07:32:32.5,1.1,14.16N,-105.146E,h0km,mb4.3/13, mbmp4.3/14, ML4.2/1, MS4.4/3, Error ellipse: s-maj=24.5km s-min=16.6km az=98.0

IDC 07 07:37:40.0,3.1,70.99N,-7.54W,h10km,ML3.4,Mw3.8, Confirmed Earthquake

Code Station Name Δ° AZZ Phase ID Time Res ISC
I46RU ZALESOVO INFRA 1.84 279 Op I SC 07 01 10.0

Code Station Name Δ° AZZ Phase ID Time Res ISC
I46RU ZALESOVO INFRA 1.05 259 Op I SC 07 12 30.0

Code Station Name Δ° AZZ Phase ID Time Res ISC
ARCES ARCES Array B 87.13 342 P P 07 45 15.1 -2.2

WEL 07 06:51:27.1,1.1,33.5S,-18.0E,1.4,h12km,M4.4/6, mb4.8/5, ML4.3/10, MLv4.5/Mw(mB4.1)/5, Error ellipse: s-maj=18.3km s-min=7.5km az=94.5, confirmed, South of Kermadec Islands

IDC 07 07:32:31.3,0.5,14.14N,-107.00E,0.07,146.79E,0.07,h10km,n91, 0.95/86, mb4.7/42, Mariana Islands

IDC 07 07:37:40.0,3.1,70.99N,-7.54W,h10km,ML3.4,Mw3.8, Confirmed Earthquake

Code Station Name Δ° AZZ Phase ID Time Res ISC
MXZ Matakaoa Point 4.83 194 P S 06 52 35.5 +1.3

Code Station Name Δ° AZZ Phase ID Time Res ISC
I46RU ZALESOVO INFRA 1.05 259 Op I SC 07 12 30.0

Code Station Name Δ° AZZ Phase ID Time Res ISC
ARCES ARCES Array B 87.13 342 P P 07 45 15.1 -2.2

IDC 07 06:54:50.8,2.3,12.77N,-58.23E,h0km,mb3.7/5, mbtmp3.7/5, Error ellipse: s-maj=77.9km s-min=30.8km az=63.0

IDC 07 07:32:31.3,0.5,14.14N,-107.00E,0.07,146.79E,0.07,h10km,n91, 0.95/86, mb4.7/42, Mariana Islands

IDC 07 07:37:40.0,3.1,70.99N,-7.54W,h10km,ML3.4,Mw3.8, Confirmed Earthquake

Code Station Name Δ° AZZ Phase ID Time Res ISC
SHAO Shalim 5.61 333 P P 06 56 15.0 -1.5

Code Station Name Δ° AZZ Phase ID Time Res ISC
I46RU ZALESOVO INFRA 1.05 259 Op I SC 07 12 30.0

Code Station Name Δ° AZZ Phase ID Time Res ISC
ARCES ARCES Array B 87.13 342 P P 07 45 15.1 -2.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Trabzon, Arapgir-MALATY, Batumi, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Petroterminal, Petro Terminal, Canoas, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LUDR, NADR, SC01, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes IDC 07 08:53:36, IDC 07 09:00:06, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes TRN 07 09:07:15, FUNV 07 09:07:46, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes GUM0, FITZ, FITZ, etc.

7d 10h

Table with columns: STA, Gaolai, 85.25 314, eP, P, 09 40 33.1 +1.4, 09 40 37.4 +1.3, etc.

IDC 07 09:28:08.5:0.8, 3.47S; 140.45E, h0km, mb4.0/10, mbtmp4.1/13, ML4.0/2, MS4.2/1, Error ellipse: s-maj=29.3km s-min=17.0km az=85.0,

NEIC 07 09:28:16.4:1.3, 3.57S; 0.09:140.38E, h0.052km, 6km, mb4.2/19, Error ellipse: s-maj=15.9km s-min=6.7km

DJA 07 09:28:20.1:1.0, 4.5S; 14.0E, h66km, 9km, M4.8/6, mB6.3/1, mb4.9/2, MLV4.8/6, Mw(mB)6.0/1,

ISC 07 09:28:16.2:0.5, 3.76S; 105.14031E:0.07, h50km, n40, c175/41, mb4.3/13, 1.0, 0.1, 0.15

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

ASRS 07 09:30:13.0:0.8, 5.336N; 87.91E, h0km, M2.8(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDC 07 09:30:14.3:3.5, 5.336N; 87.82E, h0km, mbtmp3.1/2, ML2.9/2, Error ellipse: s-maj=31.9km s-min=18.5km

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

2020 SEP

Table with columns: MKAR, Lg, Lg, 09 34 12.3, 0.1nm, 0.3s, baz=28, slow=25, SNR=1.9, etc.

KRSC 07 09:33:17.1:1.2, 5.212N; 154.57E, h505km, 13km, M4.0, Northwest of Kuril Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

ASRS 07 09:50:22.0:1.0, 5.336N; 88.00E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDC 07 09:50:25.8:3.9, 5.336N; 87.93E, h0km, mbtmp2.8/2, ML2.5/2, Error ellipse: s-maj=35.9km s-min=22.8km

az=62.0, Southwestern Siberia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

IDC 07 09:53:25.6:0.7, 3.954N; 145.05E, h0km, mb3.9/15, mbtmp3.9/21, ML3.1/5, MS3.6/3, Error ellipse: s-maj=16.1km s-min=12.2km az=93.0

NIED 07 09:53:28.1:3.9, 5.81N; 144.93E, h18km, MW4.0, Moment Tensor Solution. s3. Moment tensor: Scale 10^19 Nm; M=1.09; Mxx:0.43; Myy:0.66; Mzz:0.54; Mxy:0.25; Myz:0.61; Fault plane solution: Mo:1.26000x10^15 Np1:phi:31.00000°, delta:00000°, lambda:97.00000°. NP2:phi:218.00000°, delta:00000°, lambda:87.00000°

JMA 07 09:53:28.1:1.0, 3.954N; 0.3:144.9E:0.7, h18km, 1km, MW4.2/4, FARI E OFF NORTH HONSHU

NEIC 07 09:53:29.7:1.9, 3.954N; 0.06:144.9E:0.2, h27km, 6km, mb4.3/6, Error ellipse: s-maj=20.0km s-min=8.8km

ISC 07 09:53:31.4:0.8, 3.959N; 144.93E:0.01, h38km, n39, c160/36, mb4.0/17, Off east coast of Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

KLR PETK Petropavlovsk-16:05 29 Pn Pn 09 57 12.1 -2.0

HILR Hallar Array B 20:32 307 P P 09 58 03.8 -0.2

SONM Songoing Array 28:70 299 P P 09 59 26.1 +1.2

ZALV Zalesovo Beam 42:19 310 P P 10 03 14.0 +0.2

CMAR Chiang Mai Arr 44:78 255 P P 10 01 43.4 +2.0

MKAR Makanchi Array 45:05 301 P P 10 01 44.1 +0.7

ILAR Eielson Array 45:80 34 P P 10 01 49.0 +0.0

KURK Kurchatov 46:47 307 P P 10 01 55.9 +1.5

KURB Kurchatov Arr 46:55 307 P P 10 01 55.9 +0.9

BVAR Borovoye Array 50:82 311 P P 10 02 29.3 +1.5

ARTI Arti 56:28 318 P P 10 03 08.9 +1.1

WR8 Warramunga Arr 60:11 191 P P 10 03 33.0 -1.9

WRAB Tennant Creek 60:11 191 P P 10 03 33.0 -1.6

WR2 Warramunga Arr 60:12 191 P P 10 04 10.2 -2.4

WRA Warramunga Arr 60:12 191 P P 10 03 33.2 -1.7

WRA Warramunga Arr 60:12 191 P P 10 03 33.7

FITZ Fitzroy Crossi 60:22 201 P P 10 03 34.5 -1.1

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Table with columns: NOA, NORSPAR Array B, 72.75 338 P P 10 04 56.1 +0.7, etc.

ASRS 07 09:56:38.0:1.5, 5.336N; 87.98E, h0km, M2.4(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDC 07 09:56:38.3:3.5, 5.336N; 87.95E, h0km, mbtmp3.1/2, ML2.6/2, Error ellipse: s-maj=35.5km s-min=22.7km

az=60.0, Southwestern Siberia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

FCIAR 07 09:59:58.0:7.8; 86N:6.32E, h10km, station OMEGA has station magnitude of 4.10

IDC 07 10:00:01.6:1.2, 7.918N; 2.23E, h0km, mb3.5/6, mbtmp3.7/11, ML2.8/4, MS3.4/4, Error ellipse: s-maj=21.3km s-min=16.1km az=1.0

NAO 07 10:00:01.3:0.8, 7.925N; 3.07E, h10km, ML3.9

BER 07 10:00:02.0:3.1, 7.912N; 2.75E, h10km, Mw4.6, ML3.9(NAO), Confirmed Earthquake

DNK 07 10:00:03.9:1.6, 7.920N; 2.92E, h36km, 14km, ML2.6, Presumed earthquake

KOLA 07 10:00:06.3:7.8; 62N:4.84E, h0km, ML3.1, Error ellipse: s-maj=29.8km s-min=22.4km az=130.0, Greenland sea, Knipovich ridge, north

ISC 07 10:01:01.0:0.6, 7.901N; 0.05:2.57E:0.04, h10km, n67, c322/93, mb3.4/5, MS3.6/3, 2.2, Greenland Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

SPA0 Spitsbergen Arr 2:26 100 Pn Pn 10 00 46.9 +0.3

SPA0 Spitsbergen Arr 2:29 131 Pn Pn 10 01 18.4 -2.7

SPA0 Spitsbergen Arr 2:26 100 Pn Pn 10 00 45.2 -1.4

SPA0 Spitsbergen Arr 2:86 100 Pn Pn 10 00 46.9 +0.3

SPA0 Spitsbergen Arr 2:86 100 Pn Pn 10 01 18.4 -2.7

SPA0 Spitsbergen Arr 2:86 100 Pn Pn 10 00 46.9 +0.2

SPITS Spitsbergen Arr 2:86 100 Pn Pn 10 01 19.6 -1.5

SPITS Spitsbergen Arr 2:86 100 Pn Pn 10 00 46.3 -0.3

SPITS Spitsbergen Arr 2:86 100 Pn Pn 10 01 18.0 -3.0

NOR Nord 4:14 318 Pn Pn 10 01 42.9 -1.3

NOR Nord 4:14 318 Pn Pn 10 01 05.5 -3.7

NOR Nord 4:14 318 Pn Pn 10 01 48.6 -4.0

NOR Nord 4:14 318 Pn Pn 10 01 02.7 -1.5

NOR Nord 4:14 318 Pn Pn 10 01 48.3 -4.3

NOR Nord 4:14 318 Pn Pn 10 01 42.8 -1.3

NOR Nord 4:14 318 Pn Pn 10 01 48.8 -3.8

NOR Nord 4:14 318 Pn Pn 10 01 50.6

DAG Danmarks Havn 4:98 254 Pn Pn 10 01 14.8 -0.8

DAG Danmarks Havn 4:98 254 Pn Pn 10 02 07.3 -5.7

DAG Danmarks Havn 4:98 254 Pn Pn 10 01 15.7 +0.1

DAG Danmarks Havn 4:98 254 Pn Pn 10 02 07.7 -5.3

DAG Danmarks Havn 4:98 254 Pn Pn 10 02 15.8

HOPEN Hopen 5:36 106 Pn Pn 10 01 20.1 -0.7

HOPEN Hopen 5:36 106 Pn Pn 10 02 17.2 -5.2

HOPEN Hopen 5:36 106 Pn Pn 10 01 18.6 -2.3

HOPEN Hopen 5:36 106 Pn Pn 10 02 17.1 -5.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STEIGEN, HEF, FAUS, VAUGH, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like G003, LCO, LCO, LCO, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H05N1, MAGL, TDBA, BDBF, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARTF, TRIG, TRIG, TRIG, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ALJI, ALJI, JUCU, JUCU, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LPAZ, LPAZ, LPAZ, LPAZ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LAJAS, TRBF, SLVF, SLVF, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PACA, PACA, PACA, PACA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EVO, EVO, PARRA, PARRA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CVJ, CVJ, MCJ, MCJ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BOQS, BOQS, LOND, LOND, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like G001, G001, OTAV, OTAV, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LMGC, LMGC, CHIV, CHIV, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like INMG, INMG, GCMT, GCMT, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ESDC, ESDC, ESDC, ESDC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SJA, SJA, GUC, GUC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NBMO, NBMO, NBPS, NBPS, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SADO, SADO, SCHG, SCHG, etc.

7d 11h

Table with columns: BRDY, comp-Z, Az, Iamb, Iamb, Time, Res, ISC. Lists various seismic stations and their data points.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists station codes and names.

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Main table with columns: AVFE, RTLL, SJA, SJA, SJA, comp-Z, Az, Iamb, Iamb, Time, Res, ISC. Lists seismic events with station names and coordinates.

Table with columns: BJI, IDC, IDC, GFZ, NEIC, BKK, GCMT, Duration, M0, M1, M2, M3, M4, M5, M6, M7, M8, M9, M10. Lists event identifiers and magnitudes.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists station codes and names, including detailed event information.

Table with columns: Station Name, Time, Azimuth, Phase ID, Time Res, Res. Includes stations like Chengdu, Lanzhou, Ninganchiao, etc.

Table with columns: Station Name, Time, Azimuth, Phase ID, Time Res, Res. Includes stations like Zalesovo Beam, Kilima Mbogo, Borovoye Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, Res. Includes station codes like HUMP, AOPR, etc.

Table with columns: ADK, KDAK, KDKA, etc. Station Name, Time, Res, etc. Includes stations like Kodiak Island, Cape Douglas, White Mountain, etc.

IDC 07 13:33:21.0-1.2, 37.07N, 141.51E, h0km, mb3.6/5, mbtm3.6/8, ML3.3/3, MS2.4/1, Error ellipse: s-maj=23.0km s-min=12.6km az=111.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like Onaj, JFW, JFD, etc.

Table with columns: WRA, Warramunga Arr, 57.04 188 P, etc. Includes station Warramunga Arr.

ISU 07 14:14:58, 41.41N, 65.77E, h8km IDC 07 14:14:59.9, 1.2, 41.46N, 65.80E, h0km, mb3.9/6, mbtm3.8/12, ML3.4/6, Error ellipse: s-maj=17.5km s-min=11.9km az=5.0

NEIC 07 14:15:02.8, 1.7, 41.64N, 65.9E, 0.1, h15km, 4km, mb4.9/3, Error ellipse: s-maj=15.6km s-min=11.4km az=216.0

NNC 07 14:15:06.3, 4.2, 13N, 66.05E, h3km, 13km, mb4.0, mp4.0, Error ellipse: s-maj=34.1km s-min=12.0km az=16.0

ISC 07 15:01.8, 0.5, 41.65N, 0.04, 65.87E, 0.03, h10km, n57, s1787/10, mb4.7/10, IC-10D, Central Kazakhstan az=16.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like TMD, TMD, Agalyk, etc.

Table with columns: NJ2, Nanjing, 42.88 85 eP, etc. Includes station Nanjing.

AFER 07 15:02:10.9, 39.53N, 44.61E, h10km, ml2.7 AZED 07 15:02:10.7, 39.53N, 44.56E, h7km, 1km, ML3.0

ISK 07 15:02:10.6, 39.51N, 44.50E, h2km, ML3.0/4 TEH 07 15:02:11.5, 39.50N, 44.75E, h10km, ML2.9, Presumed earthquake

ISC 07 15:02:11.2, 0.9, 39.51N, 0.02, 44.56E, 0.02, h17km, 9km, n30, s104/52, Iran-Armenia-Azerbaijan border region az=16.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like HYR, Heyderabad, etc.

IDC 07 15:03:45.0-4.7, 0.15, 99S, 174.06W, h0km, mb4.2/3, mbtm4.2/3, Error ellipse: s-maj=908.0km s-min=183.0km az=78.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like STKA, Stephens Creek, etc.

IDC 07 15:12:51.7, 4.1, 17.98N, 148.34E, h0km, mb3.7/5, mbtm3.7/5, Error ellipse: s-maj=173.1km s-min=25.6km az=86.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like WRA, Warramunga Arr, etc.

RSRP 07 16:43:42.8, 19.23N, 64.41W, h46km, 19km, MD3.5/6 NEIC 07 16:43:42.5, 1.4, 19.3N, 64.2, 64.70W, 0.02, h11km, 17km, ML2.7/28, MD3.5/6(RSPR), Error ellipse: s-maj=25.8km s-min=2.4km az=181.0

ISC 07 16:43:45.7, 2.5, 19.2N, 0.2, 64.66W, 0.05, h35km, n25, s1544/23, 5C-1D, Virgin Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like HUMP, Col San Antoni, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Esperanza - Ma, Cerrillos, and Aguadilla, PR.

IDC 07 16:59:27.0, 3.3, 7.51S, 128.28E, h126km, 30km, mb4.0/12, mbmp4.5/15, MS3.5/3, Error ellipse: s-maj=29.4km s-min=11.6km az=73.0

GFZ 07 16:59:30.1, 0.3, 8.2S, 121.8E, h178km, 3km, M4.3/19, mb4.5/19, Error ellipse: s-maj=5.6km s-min=5.1km az=123.4, confirmed

NEIC 07 16:59:30.8, 1.5, 7.53S, 0.05x128.36E, 0.06, h167km, 6km, mb4.5/26, Error ellipse: s-maj=10.8km s-min=4.3km az=54.0

DJA 07 16:59:31.0, 0.2, 8.2S, 121.8E, h172km, 6km, M4.6/19, mb4.6/19, m1.5, 0.8, MLV5.7, Presumed earthquake

ISC 07 16:59:28.8, 0.3, 7.70S, 0.04x128.30E, 0.05, h150km, n119, z=213/122, mb4.4/35, 1D, Banda Sea

Main table of seismic stations with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations like SAUI, BANI, and various regional stations.

Main table of seismic stations with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations like RPSI, HNR, SSSL, and various regional stations.

Main table of seismic stations with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations like SDD, SDR, SDR, and various regional stations.

IDC 07 17:18:06.2, 2.4, 34.70N, 86.09E, h0km, mb3.6/3, mbmp3.6/6, ML2.8/3, Error ellipse: s-maj=135.3km s-min=20.1km az=65.0

ISC 07 17:18:08.3, 2.0, 34.7N, 86.1E, 0.76, h10km, n6, e050/6, mb3.5/3, Kizang

SDD 07 17:22:30.8, 2.3, 18.81N, 69.48W, h86km, 11km, MD3.6, ML3.6, MW3.7, Presumed earthquake
OSPL 07 17:22:31.7, 2.3, 18.75N, 69.38W, h96km, 11km, ML3.4, Presumed earthquake
NEIC 07 17:22:32.9, 1.0, 18.95N, 0.06x69.42W, 0.05, h35km, 2km, ML3.5/34, Error ellipse: s-maj=10.4km s-min=7.5km

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like COVC, COYC, AC02, ZON, TA01, PB07, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like TEIG, TEIG, TEIG, VILB, VILB, COIM, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like 545A, POST, SN07, BELC, BELC, Y22A, etc.

Table with columns for station ID, name, frequency, power, and location. Includes stations like OK038 West end E0370, HOPE Hope Point, S22A 4UR Ranch, etc.

Table with columns for station ID, name, frequency, power, and location. Includes stations like WVTV Waverly, BSUT Blindstream Ca, MDP Montagnes des, etc.

Table with columns for station ID, name, frequency, power, and location. Includes stations like V58A Windy Hill, Pi, V58A Paris, R50A Paris, etc.

7d 17h

Table with columns: Station, Name, Time, Date, Location, Status, Value. Includes stations like P61A Hammon, SNA4 Sanae, SNA4 Sanae, etc.

2020 SEP

Table with columns: Station, Name, Time, Date, Location, Status, Value. Includes stations like H11S1 WAKE ISLAND, H11S3 WAKE ISLAND, STKA Stephen Creek, etc.

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Table with columns: Station, Name, Time, Date, Location, Status, Value. Includes stations like BFO Black Forest, BFO Black Forest, GTTG Gottingen, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various meteorological data points for stations like OBN, MOS, KARP, etc.

Table with columns: BBJJ, Bungbulang, BBJJ, Bungbulang, BBJJ, Bungbulang, etc., listing station codes and associated data.

Table with columns: CMAR, Chiang Mai Arr, WR8, Warramunga Arr, WRR8, etc., listing station codes and associated data.

NEIC 07 17:49:15.7±1.5, 9.22S:0.02x106.97E:0.07, h10km±1km, mb4.7/61, Error ellipse: s-maj=12.6km s-min=3.2km az=257.0

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like SONMG, Ulanbaatar, CASY, etc.

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like UNCR, QAZAZ, URKAR, etc.

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like YAK, MORE, HLK, etc.

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like AZER, MOS, DRS, etc.

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like FITZ, ASAR, SONM, etc.

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like UCR, CATAC, WUAZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like QUEP, LCR2, LCR2, etc.

NEIC 07 19:12:42.3, 1.4, 51.7N; 0.1x160.3E; 0.1, h10km, 1km, mb4.3/9, Error ellipse: s-maj=18.6km s-min=11.0km az=209.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SPN, SPN, SPN, etc.

NEIC 07 19:12:45.9, 1.2, 52.1N; 160.48E, h56km, 19km, M4.2 MOS 07 19:12:46.7, 0.8, 52.07N; 160.50E, h52km, mb4.3/5, Error ellipse: s-maj=9.6km s-min=4.6km az=109.1

IDC 07 19:12:57.6, 0.0, 52.40N; 159.23E, h90km, 22km, M3.6/8, mbmp4.0/10, MS3.6/2, Error ellipse: s-maj=88.5km s-min=34.8km az=134.0

IDC 07 19:12:45.3, 1.6, 52.11N; 0.04; 160.42E; 0.05, h18km, 9km, n109, 0.1933/119, mb4.1/12, 4C, Off east coast of Kamchatka Peninsula

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SPN, RUS, RUS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SONM, SPITS, SP2B, etc.

IDC 07 19:38:37.8, 1.1, 24.33S; 115.40W, h0km, mb4.3/4, mbmp4.3/4, MS3.8/22, Error ellipse: s-maj=55.3km s-min=25.9km az=31.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like AKASG, AKASG, AKASG, etc.

NEIC 07 19:40.6, 2.0, 24.48S; 0.09; 115.3W; 0.2, h10km, 1km, mb4.6/15, Error ellipse: s-maj=26.9km s-min=10.0km az=299.0

IDC 07 19:38:39.5, 0.9, 24.55S; 0.2x115.4W; 0.2, h10km, n56, 0.131/29, mb4.6/10, MS3.8/22, Southern East Pacific Rise

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PPT, H03N2, H03N1, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KRVT, RES, ZALV, etc.

IDC 07 19:48:28.0, 1.9, 1.60N; 127.19E, h0km, mb3.3/4, mbtmp3.4/4, Error ellipse: s-maj=169.8km s-min=22.5km az=87.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like TNTI, MNI, MNI, etc.

IDC 07 20:08:41.8, 1.1, 55.26N; 158.59W, h0km, mb3.8/9, mbtmp3.7/12, M3.5/3, MS3.3/2, Error ellipse: s-maj=27.9km s-min=17.8km az=159.0

NEIC 07 20:08:47.3, 1.3, 55.13N; 0.03; 158.13W; 0.05, h35km, 2km, mb3.9/4, M3.6/28, M3.5/(A1C), Error ellipse: s-maj=10.9km s-min=4.6km az=224.0

AEIC 07 20:08:47.4, 1.4, 55.12N; 0.05; 158.1W; 0.1, h26km, 5km, Error ellipse: s-maj=10.8km s-min=4.3km az=127.0

IDC 07 20:08:46.0, 0.7, 55.16N; 0.06; 158.09W; 0.04, h35km, n97, 0.194/91, mb3.8/9, Alaska Peninsula

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CNBA, CNBA, CNBA, etc.

Table with columns: Station, Frequency, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Jitter, Elevation Jitter, Azimuth Skew, Elevation Skew, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Peak, Elevation Peak, Azimuth Valley, Elevation Valley, Azimuth Flatness, Elevation Flatness, Azimuth Curvature, Elevation Curvature, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Jitter, Elevation Jitter, Azimuth Skew, Elevation Skew, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Peak, Elevation Peak, Azimuth Valley, Elevation Valley, Azimuth Flatness, Elevation Flatness, Azimuth Curvature, Elevation Curvature, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry.

Table with columns: Station, Frequency, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Jitter, Elevation Jitter, Azimuth Skew, Elevation Skew, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Peak, Elevation Peak, Azimuth Valley, Elevation Valley, Azimuth Flatness, Elevation Flatness, Azimuth Curvature, Elevation Curvature, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry.

Table with columns: Station, Frequency, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Jitter, Elevation Jitter, Azimuth Skew, Elevation Skew, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Peak, Elevation Peak, Azimuth Valley, Elevation Valley, Azimuth Flatness, Elevation Flatness, Azimuth Curvature, Elevation Curvature, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry.

8d 0h

2020 SEP

Table with columns: TIXI, Tiksi, 76.41 360, P, Iamb, 00 56 49.8 -0.3, 00 56 51.4, etc. Lists various locations and their associated data points.

Table with columns: TIAR, Tiarei, 79.90 107, eP, P, 00 57 13.6 +3.1, 00 57 14.2 +3.2, etc. Lists various locations and their associated data points.

Table with columns: MAK, Mak, e, 01 01 11.0, 01 07 54.9, etc. Lists various locations and their associated data points.

Table with columns: AGPR, Station Name, Time, Res, and various codes. Includes entries for Aguadilla, Las Mesas, Puerto Rico Se, Maguayes Islan, etc.

GUC 08 01:21:33.0.0.7.21:09S:68.25W, h154km, 6km, ML3.2
SCB 08 01:21:33.7.1.3.21:10S:68.20W, h131km, 27km, ML3.6/2,
Error ellipse: s-maj=11.8km s-min=9.3km az=1.0

ISC 08 01:21:33.0.1.9.21:08S:0.05:68.32W, 0.09,
h159km, 18km, n26, e050/36, 3C, Chile-Bolivia border
region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, G001, TA01, etc.

ASRS 08 01:30:39.6.0.2.51.N.2.9.8E, h8km, MLH3.5/8, Error
ellipse: s-maj=4.9km s-min=2.6km az=16.6, confirmed,
Tuva-Buryatia-Mongolia border region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like KNGR, TDJR, MOY, etc.

Table with columns: ELD, Station Name, Time, Res. Includes entries for Elanda, IDC, TEH, MOS, NEIC, THR, GFZ, OMAN, DSN, ISC.

Code Station Name Delta Azimuth Phase ID Time Res

Main table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like KHLI, LMD1, LMD2, JHRM, etc.

Main table with columns: TABS, Station Name, Time, Res, and various codes. Includes stations like Jabal Madar, ASAO, WBK, NGCH, DAMV, JLN, MHTO, RAYN, SRVN, ILBA, SHRT, SHRO, SNGE, GBZV, WHFO, DMTO, MRVT, RBK, ABTO, BJRD, SRSL, SARDASHT, HAKKAP, GNI, GNI, GNI, KBL, KBL, KBL, HSUJ, HSUJ, QRNJ, QRNJ, UJAP, UJAP, GEM, HRFI, HRFI, PRNI, PRNI, EIL, EIL, EIL, EPOS, SALP, SALP, MMAL, MMAL, KZIT, KZIT, ARPR, ARPR, ARPR, ANDN, NCK, NEUR, NEUR, KBZ, KBZ, SHA1, NIL, BNN, KIV, KIV, KIV, CSS, CSS, CSS, VSLR, VSLR, BTK, BTK, BTK, GOF, KIRS, CHM, CHM, IUG, IUG, IUG, BR131.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Doyon Strip, Eielson Array, Warramunga Arr, etc.

MEX 08 01:40:00.7-0.6, 19°67'N-92°45'W, h10km, MD4.5, Presumed earthquake
NEIC 08 01:40:00.1-1.8, 19°47'N-0°05:92.41W-0.05, h10km, 2km, mb4.2/72, Md4.5/49(MEX), Error ellipse: s-maj=9.3km s-min=8.0km az=3.0

ISC 08 01:39:59.2-0.6, 19°57'N-0°04:92.44W-0.04, h10km, m146, z=200/189, mb4.3/20, BAY of Campeche

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists numerous stations including Sabancuy, Matias Romero, Arroyo Zacate, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Y52A Liburn, WMOK Wichita Mountain, TPB11 Chita Droua, etc.

ISC 08 01:54:02.5-1.5, 4.47S, 69°24'E, h0km, mb3.9/8, mbmp3.9/9, ML3.3/1, MS4.2/2, Error ellipse: s-maj=41.4km s-min=24.8km az=53.0

NEIC 08 01:54:08.1-0.9, 4.00S-70°0E-0.1, h10km, 1km, mb4.4/12, Error ellipse: s-maj=24.2km s-min=14.3km az=261.0

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists numerous stations including U49A Red Boiling Sp, S39A Bolivar, KMSC Kings Mountain, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like BBJ Bungbulang, KBL Kabul, NRN Naryn, etc.

IDC 08 02:04:24.1-9.2, 7.46S, 150°56'E, h65km, 69km, mb3.0/2, mbtmp3.4/3, ML1.4/1, Error ellipse: s-maj=87.5km s-min=60.8km az=138.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like Port Moresby, PMG, WRA, ASAR, etc.

IDC 08 02:08:08.3-0.5, 7.44S, 106°55'E, h0km, mb4.3/20, mbmp4.3/20, MS3.7/5, Error ellipse: s-maj=24.2km s-min=12.0km az=63.0

DJA 08 02:06:13.1-0.3, 8°S, 3°10'7"E, h10km, M5.1/55, mB5.6/16, mb5.1/18, MLv4.9/55, Mw(mB)5.2/16

GFZ 08 02:06:14.8-0.4, 8°S, 5°10'6"E, h45km, 5km, M4.8/13, mb4.9/13, Error ellipse: s-maj=11.3km s-min=3.5km az=27.9, confirmed

NEIC 08 02:06:15.9-1.3, 7.50S:0.1-106.63E:0.06, h53km, 6km, mb4.6/27, Error ellipse: s-maj=14.7km s-min=8.1km az=199.0

ISC 08 02:06:16.5-0.4, 7.63S:106.06E:0.06, h66km, m154, z=154/143, mb4.4/40, ID, Jawa

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists numerous stations including Sukabumi, Cibinong, Bungbulang, etc.

Table with columns for station call letters, frequency, time, and other technical details. Includes stations like YSS, HILR, PZH, TNTI, etc., and their respective frequencies and times.

G23K	Bananza Creek	62.36	26	Iamb	Iamb	03 08 32.8
I23K	Minto, Yukon-K	62.77	28	Iamb	Iamb	03 08 35.4
E24K	Your Creek	62.85	25	Iamb	Iamb	03 08 36.9
F24K	Squaw Lake	63.12	25	Iamb	Iamb	03 08 37.8
RND	Reindeer	63.19	30	Iamb	Iamb	03 08 37.1
H24K	Noodor Dome	63.31	27	Iamb	Iamb	03 08 39.5
BELG	Belogomoje	63.31	317	deP	P	03 08 35.9 -0.8
G24K	Hadweencic Riv	63.37	26	Iamb	Iamb	03 08 39.8
WRH	Wood River Hill	63.39	29	Iamb	Iamb	03 08 39.9
D25K	Kavik River	63.49	23	Iamb	Iamb	03 08 39.9
ILAR	Eielson Array	63.86	28	P	P	03 08 39.7 -0.4
ILAR	Eielson Array	63.86	28	P	P	03 08 39.9 -0.3
ILAR	HDA	63.89	29	Iamb	Iamb	03 08 41.3
E25K	Arctic Village	63.93	25	Iamb	Iamb	03 08 43.4
F25K	Christian River	63.97	25	Iamb	Iamb	03 08 44.0
SCM	Sheep Creek Mo	64.11	32	Iamb	Iamb	03 08 45.7
C27K	Jago River	64.38	23	Iamb	Iamb	03 08 46.2
BMAR	Burnt Mountain	64.40	25	P	P	03 08 45.4 +1.7
F26K	Sheenjek River	64.52	25	Iamb	Iamb	03 08 47.6
G26K	Porcupine River	64.78	26	Iamb	Iamb	03 08 50.0
RIDG	Independent Ri	64.91	29	Iamb	Iamb	03 08 49.2
DIV	Divide	64.96	32	Iamb	Iamb	03 08 49.5
SCRK	Sand Creek	65.24	29	Iamb	Iamb	03 08 50.7
E27K	Coleen River	65.39	24	Iamb	Iamb	03 08 52.8
D27M	Malcolm River	65.41	23	Iamb	Iamb	03 08 52.9
MAK	Makhachkala	65.44	307	eP	P	03 08 49.9 -0.8
MAK				eSP	SP	03 09 06.4 -0.5
MAK				e	S	03 09 13.0 -0.6
MAK				e	S	03 11 17.7
MAK				e	S	03 17 29.6 -1.1
MAK				eSS	SS	03 17 59.3 +1.5
MAK				eSS	SS	03 21 46.7 +2.1
MAK				pmax	pmax	
MAK				MLR	MLR	
BMRM	Bremner River	65.55	32	Iamb	Iamb	03 08 57.3
LKRN	Lenkeran, Azer	65.62	302	P	P	03 08 52.9 +0.9
AKT	Akhty	65.66	306	eP	P	03 08 52.0 -0.4
AKT				ePP	PP	03 09 08.1 -0.4
AKT				e	SP	03 09 15.5 +0.3
AKT				e	P	03 09 22.9
AKT				ePP	PPP	03 09 25.4
AKT				pmax	pmax	
AKT				MLR	MLR	
H27K	Steamboat Moun	65.81	26	Iamb	Iamb	03 08 56.7
GLB	Gilahina Butte	65.83	32	Iamb	Iamb	03 08 55.0
MSVF	Nonsavu	65.89	127	LR	LR	03 34 11.6
I27K	Kandik River	65.90	27	Iamb	Iamb	03 08 56.2
M26K	Nabesna, AK	66.00	31	Iamb	Iamb	03 08 56.2
KLMR	Klimovskoe	66.04	328	eP	P	03 08 51.2 -3.1
KLMR				ePP	PP	03 09 07.5 -0.0
KLMR				pmax	pmax	
KLMR				MLR	MLR	
E28M	Babbage River	66.05	24	Iamb	Iamb	03 08 56.9
K27K	Chicken	66.05	29	Iamb	Iamb	03 08 56.7
SEKA	Sheki	66.11	305	P	P	03 08 55.3 0.0
F28M	Old Crow	66.14	25	Iamb	Iamb	03 08 57.7
MCARA	McCarthy VSAT	66.21	32	Iamb	Iamb	03 08 58.4
MNGR	Mingechevir, A	66.32	305	P	P	03 08 57.0 +0.6
BCAR	Beaver Creek A	66.39	30	P	P	03 08 57.9 +1.2
I28M	Milner Creek	66.62	27	Iamb	Iamb	03 09 00.8
E29M	Blow River	66.68	24	Iamb	Iamb	03 09 00.8
HOPEN	Hopen	66.89	346	eP	P	03 08 59.5 0.0
GAMU	Ganja	66.91	305	P	P	03 09 00.5 +0.3
APA	Apatity	67.03	335	eP	P	03 08 58.2 -2.3
APA				e	P	03 09 25.2
APA				e	S	03 11 26.3
APA				e	S	03 17 45.5 -3.7
APA				e	S	03 18 46.8
APA				eSS	SS	03 22 12.9 +4.7
APA				pmax	pmax	
APA				MLR	MLR	
H29M	Whitstone	67.05	26	Iamb	Iamb	03 09 03.3
VRH	Novokhoporsky	67.15	317	eP	P	03 09 00.2 -1.4
VRH				pmax	pmax	
I29M	Ogilvie Camp	67.30	27	Iamb	Iamb	03 09 04.7
EPYK	Eagle Plains	67.66	26	Iamb	Iamb	03 09 06.6
PCA	Pinnacle	67.85	33	Iamb	Iamb	03 09 08.1
NAX	Nakhchivan	67.94	304	P	P	03 09 07.1 +0.2
GOF	Gofitsyoko	67.97	310	ceP	P	03 09 07.0 -0.2
L29M	L29M	67.99	29	Iamb	Iamb	03 09 09.7
SPB2	Spitsbergen Ar	68.00	348	P	P	03 09 06.1 -0.4
SPB2				Iamb	Iamb	03 09 06.9
SPA0	Spitsbergen Ar	68.00	348	eP	P	03 09 06.1 -0.4
SPA0				Iamb	Iamb	03 09 06.7
SPITS	Spitsbergen Ar	68.00	348	P	P	03 09 06.2 -0.3
NCK	Nalchik	68.04	309	P	P	03 09 07.0 -0.4
NCK				pmax	pmax	
I30M	Mount Dempster	68.12	27	Iamb	Iamb	03 09 10.0
GNI	Garni	68.21	305	LR	LR	03 42 55.0
GNI	Garni	68.21	305	P	P	03 09 09.4 +0.7
GNI				pmax	pmax	
GNI	Garni	68.21	305	P	P	03 09 09.3 +0.7
GNI				Iamb	Iamb	03 09 10.3
GNI	Garni	68.21	305	P	P	03 09 09.4 +0.7
INK	Inuvik	68.26	23	Iamb	Iamb	03 09 10.9
MOS	Moscow	68.29	323	eP	P	03 09 07.9 -0.7
MOS				pmax	pmax	
KBS	Kingsbay	68.42	349	P	P	03 09 08.8 -0.3
KBS				pmax	pmax	
KBS	Kingsbay	68.42	349	eP	P	03 09 09.0 -0.1
KBS				Iamb	Iamb	03 09 09.3

KBS	Kingsbay	68.42	349	P	P	03 09 08.8 -0.3
KBS				Iamb	Iamb	03 09 09.7
KBS	Kingsbay	68.42	349	iP	P	03 09 08.4 -0.7
G31M	Satah River	68.42	25	Iamb	Iamb	03 09 10.8
LPSR	Galich'ya Gora	68.44	319	eP	P	03 09 09.0 -0.6
LPSR				pmax	pmax	
KBZ	Khabaz	68.46	309	P	P	03 09 10.3 +0.3
KBZ				LR	LR	03 42 02.7
KBZ	Khabaz	68.46	309	d/P	P	03 09 10.2 +0.3
KBZ				pmax	pmax	
KVAR	Kislovodsk Arr	68.53	309	LR	LR	03 41 57.2
VORR	Voronezh	68.53	318	P	P	03 09 09.1 -1.2
VORR				pmax	pmax	
KIV	Kislovodsk	68.54	309	eP	P	03 09 10.0 -0.6
KIV				pmax	pmax	
KIV				MLR	MLR	
KIV	Kislovodsk	68.54	309	P	P	03 09 10.6 0.0
KIV	Kislovodsk	68.54	309	↑P	P	03 09 11.0 +0.4
KIV	Kislovodsk	68.54	309	↑P	P	03 09 10.9 +0.4
KIV				eP	P	03 09 28.4 +1.6
KEV	Kevo	68.60	338	P	P	03 09 09.6 -0.8
KEV				pmax	pmax	
KEV	Kevo	68.60	338	P	P	03 09 09.6 -0.8
KEV				Iamb	Iamb	03 10 38.3
SHAV	Shidzhatmaz	68.62	309	d/P	P	03 09 11.5 +0.2
VORD	Divnogorie	68.69	317	iP	P	03 09 07.8 -3.4
VORD				pmax	pmax	
VSR	Storozhevoje	68.69	318	eP	P	03 09 10.1 -1.1
VSR				pmax	pmax	
NEUR	Neytrino	68.73	309	P	P	03 09 11.1 -0.8
NEUR				pmax	pmax	
H31M	Peel River	68.75	26	Iamb	Iamb	03 09 13.3
OBN	Obninsk	69.04	322	d/P	P	03 09 12.4 -0.9
OBN				ePP	PP	03 09 28.2 -1.4
OBN				eSP	SP	03 09 35.8 -0.5
OBN				S	S	03 18 20.0 +6.4
OBN				iSS	SS	03 18 38.8 -2.1
OBN				pmax	pmax	
OBN				MLR	MLR	
OBN	Obninsk	69.04	322	P	P	03 09 12.2 -1.2
OBN	Obninsk	69.04	322	P	P	03 09 12.5 -0.9
ARAO	ARCESS Array S	69.17	338	eP	P	03 09 13.0 -1.0
ARCES	ARCESS Array B	69.17	338	P	P	03 09 13.2 -0.7
ARCES	ARCESS Array B	69.17	338	P	P	03 09 13.4 -0.6
ARCES				pmax	pmax	
ARCES				pmax	pmax	
OZAP	Van, Ozalp-Mer	69.22	304	↑P	P	03 09 15.9 +0.8
ERBR	Yeremizin-Bor	69.50	312	eP	P	03 09 15.5 -0.9
ERBR				pmax	pmax	
LABN	Labinsk	69.67	310	eP	P	03 09 16.9 -0.6
LABN				pmax	pmax	
BATM	Batumi	69.95	307	P	P	03 09 19.6 +0.3
BATM				P	P	03 09 19.6 +0.3
GEVA	Gevas	70.02	304	P	P	03 09 19.9 -0.1
GEVA				Iamb	Iamb	03 09 20.9
NOR	Nord	70.12	355	iP	P	03 09 18.4 -1.1
NOR				Iamb	Iamb	03 09 19.7
KTK1	Kautokeino	70.12	338	eP	P	03 09 19.1 -0.7
KTK1				Iamb	Iamb	03 09 25.7
WHY	Whitehorse	70.22	31	Iamb	Iamb	03 09 23.1
HOMI	Horasan	70.31	306	↑P	P	03 09 22.5 +0.7
VSLR	Vesolyoje	70.32	309	d/P	P	03 09 22.5 -0.2
VSLR				pmax	pmax	
SOC	Sochi	70.70	310	c/P	P	03 09 22.8 -0.9
SOC				e	P	03 12 00.1
SOC				ePPP	PPP	03 13 44.5
SOC				eS	S	03 18 32.1 -1.3
SOC				eSS	SS	03 23 05.7 -0.1
SOC				pmax	pmax	
SOC				MLR	MLR	
GURO	Guroymak-BITLI	70.70	304	Iamb	Iamb	03 09 25.3
PUL	Pulkovo	70.73	328	eP	P	03 09 23.4 -0.2
PUL				pmax	pmax	
JETT	Jettan, Norway	70.81	339	eP	P	03 09 24.0 0.0
INSM	Quiet Lake	70.87	30	Iamb	Iamb	03 09 26.8
TRO	Tromso	71.24	340	eP	P	03 09 25.4 -1.1
TRO				Iamb	Iamb	03 09 29.3
AFI	Afiama	71.25	117	LR	LR	03 32 50.1
KOPT	Kop Dag	71.33	306	Iamb	Iamb	03 09 30.3
KTUT	Trabon	71.53	307	P	P	03 09 29.8 +0.9
ANN	Anapa	71.83	311	eP	P	03 09 30.0 -0.6
ANN				pmax	pmax	
ANN				MLR	MLR	
FINES	FINESS Array B	72.05	330	P	P	03 09 30.8 -0.7
FINES				pmax	pmax	
FINES	FINESS Array B	72.05	330	P	P	03 09 30.7 -0.9
VSU	Vasula	72.94	327	ceP	P	03 09 35.3 -1.6
VSU				pmax	pmax	
WTLY	Watson Lake, Y	73.22	31	Iamb	Iamb	03 09 41.0
ARPR	Arapgir-MALATY	73.22	306	Iamb	Iamb	03 09 40.6
STEI	Steigen	73.24	339	eP	P	03 09 36.5 -1.9
RAYN	Ar Rayn	73.31	288	P	P	03 09 39.8 0.0
RAYN				pmax	pmax	
RAYN	Ar Rayn	73.31	288	P	P	03 09 39.8 0.0
RAYN				Iamb	Iamb	03 09 40.6
RAYN	Ar Rayn	73.31	288	P	P	03 09 39.8 0.0
FAUS	Fauske	73.51	338	eP	P	03 09 39.1 -0.9
MNK	Minsk	73.96	323	iP	P	03 09 42.3 -0.6
MNK				iPP	PP	03 09 58.8 -0.6
MNK				iSP	SP	03 10 05.8 -0.3
MNK				i	S	03 14 13.0
MNK				iPPP	PPP	03 14 13.0
MNK				iS	S	03 19 11.2 +0.8
MNK				iSS	SS	03 19 30.0 +0.9
MNK				iSS	SS	03 23 52.1 -3.0
MNK				iSSS	SSS	03 27 11.9
MNK				pmax	pmax	
MNK						

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KMBO Kilima Mbogo, RLMT Red Lodge, FXWY Fox Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like A36M Sach's Harbour, A36M Sach's Harbour, A36M Sach's Harbour, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like L26K Log Cabin Wild, BVCY Beaver Creek, NEA2 Nenana, etc.

NNC 08 03:09:54.1±0.9, 42.89N, 77.15E, h0km, mpv2.8, Error ellipse: s-maj=8.5km s-min=2.2km az=23.0

KRNET 08 03:09:54.0±0.1, 42.90N, 76.94E, h23km, mb1.9

ISC 08 03:09:54.1±0.9, 42.89N, 77.15E, h10km, n28, mb4.1/6, Error ellipse: s-maj=25.1km s-min=9.7km az=100.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TNS5 Tian-Shan, TNS5 Tian-Shan, TNS5 Tian-Shan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like F26K Sheenjek River, F26K Sheenjek River, F26K Sheenjek River, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SAUI Saumlaki, SAUI Saumlaki, SAUI Saumlaki, etc.

GCG 08 03:31:04.5±1.3, 13.70N, 90.77W, h35km, 999km, MD3.8, Presumed earthquake

SNET 08 03:31:04.9±1.5, 13.56N, 90.73W, h19km, ML3.0, Presumed earthquake

ISC 08 03:31:05.0±2.2, 13.8N, 90.71W, h2km, 13km, n10, 0.05/15, Near coast of Guatemala

NDI 08 04:20:49.4±1.6, 19.99N, 72.79E, h10km, ML3.9, MW3.7, Presumed earthquake, Southern India

POO Poona, Presumed earthquake, Southern India

POO Poona, Presumed earthquake, Southern India

POO Poona, Presumed earthquake, Southern India

POO Poona, Presumed earthquake, Southern India

POO Poona, Presumed earthquake, Southern India

Table with columns: Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Muntele Rosu, Sutherland, BURAR, etc.

IDC 08 05:00:46.4,3.6,54.36N,87.22E, h0km, mbtm2.8/2, ML2.6/2, Error ellipse: s-maj=29.2km s-min=23.0km az=63.0

ASRS 08 05:00:46.0,6.54,24.24N,87.11E, h0km, M2.7(MOS), The earthquake of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ZALESOVO INFRA, Zalesovo Beam, ZALV, etc.

NEIC 08 05:03:50.3,2.0,8.98N,10.07,126.57E, h3hkm, mb4.0/13, mb4.5/34, Error ellipse: s-maj=12.7km s-min=3.8km az=164.0

IDC 08 05:03:51.5,3.0,8.98N,126.61E, h56km, 29km, mb3.7/11, mbtm4.0/12, ML4.9/2, MS3.1/3, Error ellipse: s-maj=24.1km s-min=15.8km az=73.0

MAN 08 05:03:51.0, 8.97N, 126.44E, h22km, MS3.8

ISC 08 05:03:48.8, 1.5, 8.97N, 104.126.61E, 0.05, h29km, n1, n1, f121/96, mb4.3/26, Mindanao

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Bislig, General Luna, Cateel, Davao, Surigao, Musuan, etc.

Table with columns: Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Wanjui Array Si, Chiang Mai Arr, Warramunga Arr, etc.

IDC 08 05:25:07.1, 6.7, 18S, 129.16E, h0km, mb4.3/1, mbtm4.1/4, ML4.2/3, MS3.9/1, Error ellipse: s-maj=44.9km s-min=19.7km az=84.0

DJA 08 05:25:16.0, 0.3, 8.2, 129.12E, h71km, 25km, M4.4/7, mb5.4/2, mb4.3/9, MLv4.4/17, Mw(mB)4.8/2, MwMwp4.7/1, Mw5.1/1

ISC 08 05:25:09.8, 0.9, 7.85S, 129.31E, h10km, n14, c53/197, Banda Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Saumlaki, Bandanaira, Masohi, Namlea, Soe, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PZH, PZH, PZH, etc.

8d 6h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like ASAR Alice Springs, ASAR Alice Springs, ASAR Malin Array Be, etc.

JMA 08 05:34:18.3, 0.3, 25°N, 173°45'E, h25km, 4km, MV14/10, NW OFF ISHIGAKIJIMA IS, Southwestern Ryukyu Islands

IDC 08 05:43:13.0, 1.3, 44°87'N, 149°57'E, h0km, mb3.5/4, mbtmp3.5/4, Error ellipse: s-maj=49.2km s-min=30.2km

SKHL 08 05:43:19.6, 0.4, 45°00'N, 149°50'E, h50km, 4km, mb4.4/4 JMA 08 05:43:22.6, 0.4, 45°N, 3°14'9"E, h30km, MV3.8/16, SE OFF ETOROFU

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like REI Reidovoe, REI 120nm.0.5s, REI 80nm.0.2s, etc.

IDC 08 05:57:05.8, 1.0, 55°50'N, 166°27'E, h0km, mb3.8/7, mbtmp3.9/8, ML3.5/1, Error ellipse: s-maj=37.0km s-min=16.9km az=163.0

2020 SEP

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like BKI Bering, BKI Bering, KBTR Krutoberegovo, etc.

IDC 08 05:57:39.0, 1.4, 27°55'N, 104°54'E, h0km, mb3.3/4, mbtmp3.4/4, Error ellipse: s-maj=90.0km s-min=24.7km

ASRS 08 06:00:50.0, 1.1, 54°24'N, 87°13'E, h0km, M2.7(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDC 08 06:00:49.3, 4.4, 54°28'N, 86°99'E, h0km, mbtmp2.9/2, ML2.6/2, Error ellipse: s-maj=42.3km s-min=21.7km

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like H46RU ZALESOV INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

NEIC 08 06:35:39.3, 1.0, 19°30'N, 01°16'54"W, 0°03, h35km, 2km, ML3.4/36, MD3.8/10(RSPR), Error ellipse: s-maj=18.4km s-min=3.1km az=13.0

500

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like HUMP Col San Antoni, HUMP Col San Antoni, HUMP Col San Antoni, etc.

IDC 08 06:55:37.7, 0.7, 62°14'S, 57°85'W, h0km, mb4.1/8, mbtmp4.1/9, ML3.7/11, MS3.7/19, Error ellipse: s-maj=25.1km s-min=17.9km az=110.0

NEIC 08 06:55:39.3, 1.3, 62°38'S, 0°05'58"W, 0.2, h10km, 1km, mb4.7/30, Error ellipse: s-maj=13.3km s-min=5.7km

GFZ 08 06:55:40.7, 0.2, 62°S, 4°58'W, h10km, M4.6/16, PM4.6/16, confirmed

ISC 08 06:56:39.0, 0.4, 62°32'S, 0°05'58"W, 0.05, h10km, n119, c1811/103, mb4.6/27, MS3.8/18, 3C, South Shetland Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like JUBA Jubany, JUBA Jubany, JUBA Jubany, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

8d 8h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Blossom Villag, The Bluff, Cay, Frank Sound, G, Manicaragua, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SJA, GUC, IUC, AC04, AC06, AC07, AC08, AC09, AC10, AC11, AC12, AC20, AC21, AC22, AC23, AC24, AC25, AC26, AC27, AC28, AC29, AC30, AC31, AC32, AC33, AC34, AC35, AC36, AC37, AC38, AC39, AC40, AC41, AC42, AC43, AC44, AC45, AC46, AC47, AC48, AC49, AC50, AC51, AC52, AC53, AC54, AC55, AC56, AC57, AC58, AC59, AC60, AC61, AC62, AC63, AC64, AC65, AC66, AC67, AC68, AC69, AC70, AC71, AC72, AC73, AC74, AC75, AC76, AC77, AC78, AC79, AC80, AC81, AC82, AC83, AC84, AC85, AC86, AC87, AC88, AC89, AC90, AC91, AC92, AC93, AC94, AC95, AC96, AC97, AC98, AC99, AC100.

2020 SEP

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Tinogasta, Cerro Coronel, Cerro La Cruz, Cerro Villucun, Leonicito, Coronel Fontan, San Esteban, IPOC Station P, Warramunga Arr, Alice Springs, etc.

IDC 08:08:15:39.0:46.0, 18:18S:179:39E, h534km, 244km, mb3.0/3, mbtmp4.0/3, Error ellipse: s-maj=1072.0km s-min=127.0km az=81.0, Fiji Islands

KRSC 08:08:25:35.6:2.0, 58:97N:158:37E, h23km, 16km, M4.0 NERS 08:08:25:51.4, 59:06N:158:00E, h33km s-maj=15.9km s-min=12.5km az=11.0

ISC 08:08:25:38.2:0.9, 58:90N:158:61E, 0.4h, 010km, m16, i17/17, Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PALN, TIGL, OSSR, SRDR, ESO, ZLN, BZMR, BZGR, GADL, TLAR, MA2, MA1, MA2, MGD, SEY, SEY, SEY, TLON, GNL, SUUS, SUUS, etc.

IDC 08:08:28:50.3:0.4, 15:19S:173:44W, h0km, mb4.8/21, mbtmp4.8/23, ML4.4/2, MS4.7/61, Error ellipse: s-maj=15.9km s-min=12.5km az=11.0

BJJ 08:08:28:50.0, 15:15S:172:86W, h13km, mb5.3/4, mb5.1/19, Ms5.0/15, Ms7.4/8.15

MOS 08:08:28:50.9, 15:15S:173:03W, h16km, mb5.5/33, MS5.0/7, Error ellipse: s-maj=11.1km s-min=8.1km az=63.1

GFZ 08:08:28:51.8:0.1, 15:15S:173:41W, h10km, M5.1/35, mb5.1/35, confirmed

NEIC 08:08:28:51.3, 15:18S:172:99W, h10km GFZ 08:08:28:51.8, 15:21S:173:41W, h10km, Mw5.4/26, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mn=0.50, Mw=0.79, Mw=0.29, Mw=1.29, Mw=0.45, Mw=0.90;

Fault plane solution: Ms1.7495x10^17 Np1: phi=114.60032; delta=38529; lambda=65.35908; NP2: phi=220.80346; delta=72033; lambda=162.22140; Principal axes: T 1.5940, Pg32.9119, Azm184.1311; N 0.3187, Plg24.4094, Azm291.2120; P -1.9127, Plg46.9492; Azm50.2765;

NOU 08:08:28:52.8, 15:27S:173:12W, h22km, mb5.1/42, Tonga Islands

NEIC 08:08:28:53.5, 1.9, 15:17S:0:07, 172:98W, h25km, 1km, mb5.3/297, Mw5.2/52, Mw5.4/11, Error ellipse: s-maj=12.8km s-min=9.4km az=134.0, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mn=0.42; Mw=1.90; Mw=2.31; Mw=8.76; Mw=2.20; Mw=0.84; Fault plane solution: Ms9.31000x10^16 Np1: phi=168.08000; delta=77.40000; lambda=177.97000; NP2: phi=260.01000; delta=89.39000; lambda=72.44000; Principal axes: T 8.3710, Plg43.0000; Azm153.0000; N 1.6620, Plg18.0000; Azm260.0000; P -10.0330, Plg42.0000; Azm7.0000;

BGR 08:08:28:53.1, 16:81S:175:40W, h33km

GCMT 08:08:28:53.3:0.1, 15:07S:0:01, 173:41W:0:01, h12km, Mw5.5/146, Moment Tensor Solution. s103,c162; s146,c251; Duration: 1s4 Moment tensor: Scale 10^17 Nm; Mn=0.20z:0.1; Mw=0.42z:0.1; Mw=0.22z:0.1;

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Mm-2.40z:0.3, Mm0.51z:0.1, Mm0.19z:0.3, Best double couple: M2 48500:1017, NP1: 188.00000; delta=13.00000; lambda=167.00000; NP2: 95.00000; delta=87.00000; lambda=77.00000; Principal axes: T 2.5580, Plg41.0000; Azm173.0000; N -0.1460, Plg13.0000; Azm274.0000; P -2.4120, Plg47.0000; Azm18.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Table with columns for station code, name, time, and status. Includes stations like TXAR, N35M, PV02, etc.

Table with columns for station code, name, time, and status. Includes stations like HEH, G21K, CMIG, etc.

Table with columns for station code, name, time, and status. Includes stations like YKA, B102, MLO2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Dobruska-Polom, STEB, BUR08, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ASRS, ZALV, ZALV, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HLM1, HLM1, HLM1, etc.

comp=Z,1.9nm,0.8s,baz=249,slow=26,SNR=2.0
 comp=Z,1.9nm,0.8s
FINES **FINES Array B** 82.75 331 P P 09 15 21.9 +0.5
AKASO **Malin Array Be** 83.55 320 P P 09 15 24.7 -1.0
 comp=Z,0.2nm,0.3s,baz=70,slow=3.0,SNR=1.3
 comp=Z,0.2nm,0.3s
BURAR **Bucovina Array** 86.86 318 P IAMB P 09 15 41.8 -0.8
IURAR 09 15 43.7
 comp=Z,3.4nm,0.8s
BUR08 **Bucovina Ar. S** 86.87 318 P P 09 15 42.2 -0.4
BUR08 09 15 43.9
 comp=Z,3.1nm,0.8s
PLCA **Paso Flores** 149.37 156 PKPbc PKPbc 09 22 47.2 +0.2
 comp=Z,1.9nm,0.8s,baz=274,slow=2.9,SNR=9.0

SJA 08 09:04:45.1±0.6,21.59S:68.65W,h135km,5km,ML3.5,
 MW3.6
 GUC 08 09:04:46.7±0.7,21.60S:68.60W,h124km,5km,ML3.4
 ISC 08 09:04:45.1±2.2,21.61S:0.04±68.66W,0.09,
 h138km,1.7km,n21,±1.01/36,2C-3D,Chile-Bolivia border
 region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
PB09	IPOC Station P	0.57	251	Op	Pn	09 05 06.0	+0.3
PB09				IAML		09 05 02.7	
comp=Z,4.62nm,0.2s							
PB09	IPOC Station P	0.57	251	Op	Pn	09 05 05.8	+0.1
PB09				IAML		09 05 20.9	-0.5
PB09				IAML		09 05 22.9	
comp=E,559nm,0.3s							
PB03	IPOC Station P	1.11	247	Op	Pn	09 05 10.9	+1.0
PB03				eS	Sn	09 05 28.8	0.0
PB03				eS	Sn	09 05 28.8	0.0
PB03				IAML		09 05 29.9	+0.5
comp=Z,8.63nm,0.3s							
PB03	IPOC Station P	1.11	247	Op	Pn	09 05 10.4	+0.5
PB03				eS	Sn	09 05 28.6	-0.2
PB07	IPOC Station P	1.15	264	Op	Pn	09 05 29.9	+0.5
PB07				IAML		09 05 31.6	
comp=Z,8.73nm,0.1s							
PB02	IPOC Station P	1.19	284	Op	Pn	09 05 11.1	+0.4
PB02				eS	Sn	09 05 30.0	0.0
PB02				IAML		09 05 35.5	
comp=E,972nm,0.2s							
PB06	IPOC Station P	1.38	218	Op	Pn	09 05 13.3	+0.6
PB06				eS	Sn	09 05 28.8	-4.9
PB06				eS	Sn	09 05 34.6	
PB06				IAML		09 05 34.6	
comp=Z,4.14nm,0.5s							
PB06	IPOC Station P	1.38	218	Op	Pn	09 05 13.3	+0.6
PB06				eS	Sn	09 05 34.0	+0.3
PB06				IAML		09 05 34.6	
comp=E,950nm,0.2s							
AF01	San Pedro de A	1.41	162	Op	Pn	09 05 13.8	+0.7
PB08	IPOC Station P	1.53	342	Op	Pn	09 05 15.0	+0.5
PB08				eS	Sn	09 05 36.8	+0.3
PB08				IAML		09 05 38.9	
comp=N,457nm,0.4s							
TA01	Diego Aracena	1.76	306	Op	Pn	09 05 17.1	+0.4
TA01				eS	Sn	09 05 34.8	+0.4
TA01	Diego Aracena	1.76	306	Op	Pn	09 05 16.8	+0.1
TA01				eS	Sn	09 05 40.3	-0.6
TA01				IAML		09 05 41.4	
comp=E,314nm,0.3s							
PB05	IPOC Station P	1.89	229	Op	Pn	09 05 19.2	+0.9
PB05				eS	Sn	09 05 19.1	+0.8
PB05				eS	Sn	09 05 43.7	-0.2
PB05				IAML		09 05 47.6	
comp=E,116nm,0.3s							
GO01	Chuzmiza	2.00	345	Op	Pn	09 05 20.4	+0.4
GO01				eS	Sn	09 05 20.4	+0.4
GO01				eS	Sn	09 05 47.1	+0.5
GO11	IPOC Station P	2.00	345	Op	Pn	09 05 20.4	-0.2
PB11				eS	Sn	09 05 47.2	-0.1
PB11				IAML		09 05 48.2	
comp=Z,218nm,0.2s							
PB11	IPOC Station P	2.06	333	Op	Pn	09 05 20.3	-0.2
PB11				eS	Sn	09 05 46.9	-0.6
PB11				IAML		09 05 48.4	
comp=E,588nm,0.2s							
PSGX	Pisagua	2.43	325	Op	Pn	09 05 24.0	-0.9

NOU 08 09:25:34.8±27.19S:174.24W,h219km,mb4.5/6,
 Medec Islands Region
 WEL 08 09:27:02.6±0.5,33.5S:8.18W,1.8h,12km,ML4.7/13,
 mb5.3/13,ML4.3/15,MLV4.7/12,Mv(mb)4.7/13,Error
 ellipse: s-maj=25.1km s-min=4.4km az=111.1,confirmed
 ISC 08 09:27:00.7±1.2,32.78S:0.08±179.4W,0.2,h10km,n105,
 ±1.90/89,South of Kermadec Islands

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
GLKZ	Green Lake	3.72	20	Op	Pn	09 27 58.4	+0.2
GLKZ				P	Sn	09 28 42.6	+0.6
GLKZ				AML			
MXZ	Matakaoa Point	5.14	201	P	Pn	09 28 21.0	+3.3
MXZ				P	Pn	09 28 21.2	+3.5
MXZ				AML		09 28 18.7	+1.7
MXZ				AML			
MXZ				AML			
WMGZ	Waiomatatini S	5.35	199	P	Pn	09 28 23.0	+2.5
WMGZ				AML			
WMGZ				AML			
HAZ	Te Kaha	5.49	204	P	Pn	09 28 25.4	+2.9
HAZ				AML			
HAZ				AML			
PKGZ	Pakihiroa	5.49	202	P	Pn	09 28 24.9	+2.4
PKGZ				AML			
PKGZ				AML			
PUZ	Puketiti	5.63	199	P	Pn	09 28 26.3	+1.8
PUZ				S	Sn	09 29 29.1	-0.1
PUZ				AML			
PUZ				AML			
RUGZ	Raukumara Rang	5.71	204	P	Pn	09 28 28.3	+2.6
RUGZ				S	Sn	09 29 30.2	-1.1
RUGZ				AML			
RUGZ				AML			
TWGZ	Tauwhareparae	5.80	201	P	Pn	09 28 30.1	+3.2
TWGZ				S	Sn	09 29 35.0	+1.4
TWGZ				AML			
TWGZ				AML			
WHRZ	Whale Island	5.88	209	P	Pn	09 28 32.3	+4.4
CNGZ	Carnagh Station	6.03	198	P	Pn	09 28 33.6	+3.7
RIGZ				AML			
CNGZ				AML			
WCZ	Waipu Caves	6.08	237	P	Pn	09 28 30.4	-0.2
WCZ				AML			
TKGZ	Te Karaka	6.09	204	P	Pn	09 28 33.4	+2.6
TKGZ				S	Sn	09 29 39.8	-0.6
TKGZ				AML			
TKGZ				AML			
MWZ	Matawai	6.09	204	P	Pn	09 28 31.6	+0.7
MWZ				AML			
MWZ				AML			
URZ	Urewera	6.18	207	P	Pn	09 28 33.6	+1.7
URZ				P	Pn	09 28 32.6	+0.6
URZ				S	Sn	09 29 39.5	-3.1
URZ				AML			
URZ				AML			
URZ				AML			
RAGZ	Rawiri	6.28	204	P	Pn	09 28 35.6	+2.2
RAGZ				AML			
RAGZ				AML			
MKRZ	Makatiti	6.33	211	P	Pn	09 28 37.5	+3.3
MKRZ				AML			
MKRZ				AML			
RIGZ	Rimuhau	6.36	201	P	Pn	09 28 34.3	-0.2
RIGZ				AML			
RIGZ				AML			
TARZ	Mount Tarawera	6.40	211	P	Pn	09 28 32.0	-3.1
TOZ	Tahuroa Road	6.48	219	P	Pn	09 28 39.8	+3.6
TOZ				AML			
RRZ	Republican Roa	6.48	210	P	Pn	09 28 38.3	+2.1
MUGZ	Murupara	6.50	208	P	Pn	09 28 36.7	+0.3
MUGZ				AML			

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
MUGZ	Paritu Road	6.53	199	P	Pn	09 28 39.1	+2.3
PRGZ				AML			
PRGZ				AML			
PRGZ				AML			
RTZ	Ruatahuna	6.54	206	P	Pn	09 28 35.7	-1.3
MRZ	Handcock Road	6.55	201	P	Pn	09 28 40.9	+1.3
PRRZ	Plateau Road	6.67	210	P	Pn	09 28 39.9	+1.1
KNZ	Kokohu	6.68	200	P	Pn	09 28 39.8	+1.0
MHGZ	Mahia Peninsula	6.73	198	P	Pn	09 28 42.1	+1.6
ALRZ	Allen Road	6.74	210	P	Pn	09 28 40.8	+1.0
RAHZ	Arahi	6.77	204	P	Pn	09 28 40.3	+0.2
MTZ	Matungataniwha	6.80	206	P	Pn	09 28 40.0	+0.2
WHZ	Waihua	6.86	203	P	Pn	09 28 41.5	+0.1
TLZ	Tolley Road	6.92	215	P	Pn	09 28 44.1	+1.9
MRHZ	Matea Rd	6.94	208	P	Pn	09 28 42.4	-0.1
NMHZ	Naumai	7.03	205	P	Pn	09 28 44.1	+0.4
AKHZ	Arapanui	7.11	203	P	Pn	09 28 44.0	+0.3
BKZ	Black Stump Fm	7.20	207	P	Pn	09 28 45.6	-0.5
RITZ	Rihia Road	7.30	211	P	Pn	09 28 47.5	+0.2
KATZ	Karakamea	7.37	212	P	Pn	09 28 48.9	+0.5
MCHZ	McNeill Hill	7.37	204	P	Pn	09 28 48.0	-0.4
HIZ	Hauti	7.40	218	P	Pn	09 28 51.1	+2.3
HIZ	Hauti	7.40	218	P	Pn	09 28 50.9	+2.1
CKHZ	Cape Kidnapper	7.42	207	P	Pn	09 28 48.7	-0.7
KNWZ	Kaweka Forest	7.45	206	P	Pn	09 28 48.3	-1.2
NHYZ	North Tongariro	7.48	211	P	Pn	09 28 49.6	-0.4
TMVZ	Tongariro	7.49	211	P	Pn	09 28 49.0	-0.9
KRVZ	Karewarewa	7.49	211	P	Pn	09 28 49.9	-0.2
ETVZ	East Tongariro	7.49	211	P	Pn	09 28 49.1	-1.1
WTVZ	West Tongariro	7.53	211	P	Pn	09 28 50.0	-0.6
OTVZ	Oturere	7.54	211	P	Pn	09 28 48.7	-2.1
TWVZ	Taurewa	7.56	212	P	Pn	09 28 50.9	-0.2
SNVZ	Ngauruhoe	7.57	211	P	Pn	09 28 50.1	-1.1
NGZ	Ngauruhoe	7.57	211	P	Pn	09 28 50.6	-0.7
COVZ	Chateau Observ	7.62	211	P	Pn	09 28 51.6	-0.2
TUVZ	Tukete	7.63	210	P	Pn	09 28 50.8	-1.2
KAHZ	Karanaki	7.63	202	P	Pn	09 28 51.1	-0.9
BLHZ	Blair Hill Sta	7.65	207	P			

8d 10h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Leocito, Vinchina, Pan de Azucar, etc.

IDs: IDC 08 09:43:49.7, 0.6, 1.70N, 126.74E, h0km, mb4.0/13, mbmp4.1/14, ML3.7/1, Error ellipse: s-maj=29.8km s-min=13.6km az=82.0

2020 SEP

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Ternate, Warramunga Arr, etc.

IDs: IDC 08 09:52:11.0, 2.2, 21.31S x 178.87W, h595km, 22km, mb3.0/5, mbmp4.0/7, Error ellipse: s-maj=37.5km s-min=26.0km

508

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Shemya Is, Ala, etc.

IDs: IDC 08 10:05:14.5, 0.8, 52.62N, 169.62E, h13km, mb4.5/5, Error ellipse: s-maj=11.0km s-min=5.4km az=32.6

Table with columns: BEIL, BR131, BRTR, etc. containing station names, coordinates, and status.

Table with columns: GEC2, GEC3, GEC4, etc. containing station names, coordinates, and status.

Table with columns: mb4.6/21, Error ellipse, s-maj=22.1km, etc. containing station names, coordinates, and status.

IDC 08 12:42:35.51, 0.38, 48S: 78:51E, h0km, mb4.1/9, mbtmp4.1/9, MS4.1/38, Error ellipse: s-maj=34.2km s-min=19.1km az=107.0

NEIC 08 12:42:37.0, 1.2, 38:41S: 09:78E: 0.1, 110km, mb4.1/9

8d 13h

Explosion, Sweden
Code Station Name Δ° AZZ Phase ID Time Res
LUNU Lund 0.11 146 P S Pg 13 00 18.9 -0.1

DNK 08 13:00:38.4±1.9,5571N;13°40'E, h0km, ML2,3, Explosion, Sweden

Code Station Name Δ° AZZ Phase ID Time Res
LUNU Lund 0.08 158 e Op P Pg 13 00 39.4

IDC 08 13:01:18.2±1.1, 38°37'N; 145°01'E, h0km, mb3.8/8, mbtmp3.9/11, ML3.6/3, MS3.1/5, Error ellipse:

Code Station Name Δ° AZZ Phase ID Time Res
LUNU Lund 0.08 158 e Op P Pg 13 00 39.4

JMA 08 13:01:21.5±0.1, 38°4N; 03°144'8E; 0.7, h25km, 1km, MV4.0/22, FAR E OFF NORTH HONSHU

Code Station Name Δ° AZZ Phase ID Time Res
JMA 08 13:01:21.5±0.1, 38°4N; 03°144'8E; 0.7, h25km, 1km, MV4.0/22, FAR E OFF NORTH HONSHU

USRK Ussuriysk Ar. 11.19 306 Pn Pn 13 04 02.4 +1.3

Code Station Name Δ° AZZ Phase ID Time Res
USRK Ussuriysk Ar. 11.19 306 Pn Pn 13 04 02.4 +1.3

ZALV Zalesovo Beam 42.97 311 P P 13 09 19.0 -0.4

Code Station Name Δ° AZZ Phase ID Time Res
ZALV Zalesovo Beam 42.97 311 P P 13 09 19.0 -0.4

KURK Kurchatov 47.17 308 P P 13 09 53.5 +0.6

Code Station Name Δ° AZZ Phase ID Time Res
KURK Kurchatov 47.17 308 P P 13 09 53.5 +0.6

2020 SEP

comp=Z,34nm,18.1s,baz=116,slow=42
NOA NORSPAR Array B 73.98 338 LR LR 13 50 33.6

JSN 08 13:05:22.5±0.5, 19°28'N; 79°95'W, h4km, 50km, MD4.2, Presumed earthquake

SSNC 08 13:05:22.3±0.9, 19°09'N; 80°29'W, h5km, 8km, MD3.8, ML3.2, Presumed earthquake

ISC 08 13:05:18.9±1.1, 18.38N; 005°80'26W; 0.04, h10km, n16, c173/25, 2D, North of Honduras

Code Station Name Δ° AZZ Phase ID Time Res
LCCY Blossom Villag 0.70 14 e Op P Pg 13 05 33.5 +1.0

IDC 08 13:19:51.8±0.9, 38°04'N; 38°00'E, h0km, mb3.5/5, mbtmp3.5/10, ML3.3/5, Error ellipse:

Code Station Name Δ° AZZ Phase ID Time Res
MAYA Malatya/Merkez 0.25 310 Op P Pg 13 20 06.4 +0.4

ISC 08 13:19:52.1±2.3, 38°16'N; 003°38'37E; 0.02, h1km, 9km, n56, c084/64, mb3.5/4, Turkey

Code Station Name Δ° AZZ Phase ID Time Res
MAYA Malatya/Merkez 0.25 310 Op P Pg 13 20 06.4 +0.4

516

0.6nm,0.3s
KBZ Aktubinsk 18.43 42 P P 13 24 08.8 0.0

AKTO GERES GRESS Array B 20.93 309 P Pn 13 24 36.4 -2.3

FINES Finnes Array B 24.59 345 P P 13 25 14.9 +1.5

KURB Kurchatov Arra 30.71 53 P P 13 26 08.6 +0.2

MKAR Makanchi Array 32.95 61 P P 13 26 29.7 +1.5

ESDC Sonseca Array 32.98 286 P P 13 26 28.5 -0.1

ISK 08 13:21:01.9, 38°20'N; 38°69'E, h5km, ML4.0/21, AFAD 08 13:21:01.0, 38°18'N; 38°66'E, h10km, 16km, MW4.1

IDC 08 13:21:04.1±1.1, 38°20'N; 38°64'E, h0km, mb3.7/4, mbtmp3.7/10, ML3.4/6, MS3.5/5, Error ellipse:

Code Station Name Δ° AZZ Phase ID Time Res
MAYA Malatya/Merkez 0.23 300 Op P Pg 13 21 07.3 0.0

ISC 08 13:21:02.9±1.1, 38°21'N; 002°38'68E; 0.02, h2km, 9km, n68, c1958/84, mb3.7/3, Turkey

Code Station Name Δ° AZZ Phase ID Time Res
MAYA Malatya/Merkez 0.23 300 Op P Pg 13 21 07.3 0.0

SVRC Sivrice-ELAZID 0.52 71 P Pg 13 21 12.7 -0.2

Code Station Name Δ° AZZ Phase ID Time Res
SVRC Sivrice-ELAZID 0.52 71 P Pg 13 21 12.7 -0.2

ELZ Elazig 0.37 40 P S Pg 13 21 10.3 +0.3

Code Station Name Δ° AZZ Phase ID Time Res
ELZ Elazig 0.37 40 P S Pg 13 21 10.3 +0.3

ATAB Bozova 0.80 202 P S Pg 13 21 15.6 -2.6

Code Station Name Δ° AZZ Phase ID Time Res
ATAB Bozova 0.80 202 P S Pg 13 21 15.6 -2.6

AKCA Adyaman/G¶¶ 0.89 242 P P Pg 13 21 18.9 -0.9

Code Station Name Δ° AZZ Phase ID Time Res
AKCA Adyaman/G¶¶ 0.89 242 P P Pg 13 21 18.9 -0.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BNGB Bingli, SARI SarDiz-Kayseri, YEDI Yedisu-Bingol, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PIRO Carate, Puerto, PIRO Carate, Puerto, PIRO Carate, Puerto, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CLLRA Cordillera, CLLRA Cordillera, QUEP Quepos, QUEP Quepos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ACON Acopya, ACON Acopya, GAMB Gamboa, FRJF El Hiral, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SJCC 41nm,1.0s, GUY2C Guyana, Caldas, BBAC Balboa, Cauca, etc.

UDC 08 13:28:59.7, 0.8, 8.24N-83.70W, h13km, 13km, MW4.8, Presumed earthquake

UDC 08 13:28:59.0, 2.0, 8.12N-83.72W, h0km, mb3.6/3, mbmp3.8/7, ML3.2/3, MS3.3/9, Error ellipse: s-maj=72.3km

UPA 08 13:29:01.4, 1.3, 8.32N-83.62W, h10km, MW4.3, Presumed earthquake

RSNC 08 13:29:01.7, 0.4, 8.1N-83.4W, h0km, 3km, M4.4, mB5.1, mb4.4, ML3.7, Mw(mB)4.4

CATAC 08 13:29:02.0, 2.0, 8.1N-83.4W, h4km, 1km, M4.8/3.5, mb5.4/2, mB5.5/2, MLV4.6/3.5, Mw(mB)4.9/2, Error ellipse: s-maj=8.1km s-min=2.3km az=29.2, Moment Tensor Solution. Moment tensor: Scale 10^19 Nm; Mr1: 1.9; Mw=0.84; Mw=0.36; Mw=0.47; Mw=2.99; Mw=0.55; Fault plane solution: M3.25778x10^16 Np1.9x177.71500

NEIC 08 13:29:03.1, 1.1, 8.50N-0.07E-83.54W, 0.02, h10km, 6km, mb4.6/6 Error ellipse: s-maj=10.4km s-min=3.1km az=173.0

ISC 08 13:28:59.9, 1.3, 8.30N-0.04E-83.68W, 0.03, h5km, 6km, n175, e1970/209, mb3.8/3, MS3.4/4, 3C, Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LSNW Little Sitkin, LSNW Little Sitkin, LSNW Little Sitkin, etc.

SE OFF KII PENINSULA
IDC 08 15:37:07.6,0.7,33.77N;137.02E,h365km,10km,mb2.8/3,
mbtmp3.7/8,Error ellipse: s-maj=25.4km s-min=13.2km
az=58.0

ISC 08 15:37:07.5-0.9,33.89N;137.05E;0.06,h365km,7km,
n28,e1900/35,mb3.0/4,Near south coast of eastern

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

SSNC 08 15:41:46.0,3.0,20.00N;70.56W,h120km,42km,MD3.6,
ML2.9,Presumed earthquake
SDD 08 15:41:47.1,3.8,20.15N;70.73W,h26km,8km,MD3.1,
ML3.1,MM3.2,Presumed earthquake

OSPL 08 15:41:49.6,2.0,20.22N;70.73W,h5km,9km,ML3.0,
Presumed earthquake

ISC 08 15:41:46.5,1.2,20.17N;0.03;70.72W;0.03,h9km,10km,
n28,e1930/51,Dominican Republic region

Main table of seismic stations and their recorded data for the event in the Dominican Republic region.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

IDC 08 15:46:03.9,16.0,61.36S;129.87E,h105km,169km,
mb3.7/1,mbtmp3.9/4,ML4.0/3,Error ellipse:
s-maj=128.6km s-min=59.2km az=41.0

NEIC 08 15:46:03.9-0.7,61.37S;129.88E;0.09,h113km,8km,
mb4.7/5,Error ellipse: s-maj=15.0km s-min=10.5km
az=223.0

DJA 08 15:46:07.2,0.3,61.52S;133.0E,h165km,5km,ML4.1/13,
mb5.5/2,mb4.0/10,MLV4.1/13,Mw(MB)4.9/2

ISC 08 15:46:05.2,0.7,63.88S;100.13020E;0.07,h146km,n41,
c292/46,Banda Sea

Main table of seismic stations and their recorded data for the event in the Banda Sea region.

NEIC 08 15:57:47.3,0.9,18.75N;0.09;64.63W;0.06,h35km,2km,
ML3.4/30,MD3.7/9(RSPF),Error ellipse: s-maj=15.2km
s-min=9.5km az=169.0

RSPR 08 15:57:48.9,18.81N;64.71W,h39km,19km,MD3.7/9
ISC 08 15:57:46.3,1.7,18.3N;0.1;64.61W;0.04,h42km,n46,
c084/49,7C-6D,Virgin Islands

Main table of seismic stations and their recorded data for the event in the Virgin Islands region.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

SDD 08 15:58:15.7,3.1,20.15N;70.70W,h21km,14km,MD3.3,
ML3.3,MM3.6,Presumed earthquake
OSPL 08 15:58:18.6,2.4,20.16N;70.69W,h0km,11km,ML3.1,
Presumed earthquake

SSNC 08 15:58:19.7,1.0,20.14N;70.98W,h5km,8km,MD3.6,
ML2.1,Presumed earthquake
ISC 08 15:58:16.2,1.1,20.18N;0.04;70.66W;0.04,h18km,11km,
n30,c084/40,Dominican Republic region

Main table of seismic stations and their recorded data for the event in the Dominican Republic region.

VIE 08 16:01:29.8,0.4,47.39N;12.13E,h12km,3km,mb0.9/1,
ml1/4,Error ellipse: s-maj=2.1km s-min=1.0km az=3.0

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other technical details. Includes stations like AK08, NIE, AKASG, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other technical details. Includes stations like KEST, BELG, BFO, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other technical details. Includes stations like KSRS, IMAR, ULM, etc.

Grid coordinates: G11 08 22:20.6, 0.0, 40.333N, 0.003-40.872E, 0.001, h0km, MW3.9, confirmed, ISK 08 22:20:03.7, 17.38N, 38.69E, h5km, ML3.8/20, IDC 08 22:20:05.5, 0.7, 38.13N, 38.65E, h0km, mb3.6/7, mbtmp3.6/16, ML3.1/7, MS2.9/6, Error ellipse: s-maj=11.6km s-min=8.4km az=139.0 AFAD 08 22:20:05.0, 38.17N, 38.69E, h7km, 2km, MW3.7, ISC 08 22:20:06.7, 13.68E, h10km, 0.02-38.71E, 0.02, h10km, n74, e1941/91, mb3.7/13, Turkey

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other technical details. Includes stations like MAYA, NARI, MDYL, etc.

MOM2	El Cardon	1.84 196	P	Pn	23 07 10.4 -1.4
CRIN	San Cristobal	1.84 215	P	Pn	23 07 09.0 -2.8
CNGN	Cerro Negro	1.85 203	P	Pn	23 07 10.4 -1.5
MOMN	Momtombo	1.88 198	P	Pn	23 07 37.3 +0.7
PACN	Al O del Volca	1.89 206	P	Pn	23 07 10.6 -1.8
LEVN	Ruinas Leon Vi	1.91 200	P	Pn	23 07 13.1 +0.3
LEVN	LEVN		P	Pn	23 07 41.4 +0.6
CSGN	Cosiguina Volc	1.99 232	P	Pn	23 07 11.6 -2.3
CSGN	CSGN		P	Pn	23 07 39.8 +0.5
APVN	Apoeyque	2.00 191	P	Pn	23 07 13.7 -0.3
AMTN	Mateare	2.02 193	P	Pn	23 07 14.2 0.0
AMTN	AMTN		P	Pn	23 07 44.1 -0.1
APQ2	Apoeyque	2.04 190	P	Pn	23 07 14.4 0.0
APQ2	APQ2		P	Pn	23 07 46.3 +1.5
CNCH	Conchagua	2.05 243	P	Pn	23 07 12.4 -2.3
CNCH	CNCH		P	Pn	23 07 40.3 -0.6
WILN	Americas 2	2.05 186	P	Pn	23 07 14.8 +0.1
WILN	WILN		P	Pn	23 07 44.9 -0.4
AERN	Aeropuerto Man	2.07 186	P	Pn	23 07 16.0 +1.2
AERN	AERN		P	Pn	23 07 45.2 -0.6
ALLN	Telcor Managua	2.07 189	P	Pn	23 07 16.7 -0.8
ALLN	ALLN		P	Pn	23 07 45.2 -0.6
MGAN	Managua	2.07 188	P	Pn	23 07 14.9 0.0
MGAN	MGAN		P	Pn	23 07 45.1 -0.9
SAPS	Ciudad Sandino	2.08 192	P	Pn	23 07 15.5 +0.5
SAPS	SAPS		P	Pn	23 07 45.7 -0.8
TISN	Laguna Tiscapa	2.08 189	P	Pn	23 07 14.2 -0.8
LCND	La Caada	2.08 245	P	Pn	23 07 12.7 -2.4
ABCN	Banco Central	2.11 190	P	Pn	23 07 46.7 -0.4
COPN	Copaltepe	2.11 197	P	Pn	23 07 15.2 -0.3
MAS3	Al N del Volca	2.19 186	P	Pn	23 07 17.0 +0.5
MAS3	MAS3		P	Pn	23 07 45.9 +1.3
MASN	Masayuta	2.22 185	P	Pn	23 07 17.6 +0.6
MASN	MASN		P	Pn	23 07 49.8 -0.9
SABN	Sabanita	2.25 185	P	Pn	23 07 17.3 -0.2
NANN	Nandasamo	2.27 184	P	Pn	23 07 19.3 -1.6
NANN	NANN		P	Pn	23 07 52.1 -0.1
ACOPY	Acopya	2.36 161	P	Pn	23 07 18.4 -0.5
RANC	RANC		P	Pn	23 07 53.4 +1.5
ACON	EI Ranchito	2.40 251	P	Pn	23 07 17.8 -1.7
RANC	RANC		P	Pn	23 07 49.8 +0.2
PACA	Pacayal	2.42 252	P	Pn	23 07 19.3 -0.5
PACA	PACA		P	Pn	23 07 50.5 +0.6
NADN	Granada	2.45 182	P	Pn	23 07 19.1 +1.4
NADN	NADN		P	Pn	23 07 56.6 -1.5
BILN	Bilwi Airport	2.51 93	P	Pn	23 07 24.3 -0.7
BILN	BILN		P	Pn	23 07 58.6 -1.3
ESPN	Las Esperanzas	2.57 141	P	Pn	23 07 20.4 -1.4
ESPN	ESPN		P	Pn	23 07 54.2 +0.8
MORJ	Al O del Volca	2.67 174	P	Pn	23 07 25.2 -2.1
JAPN	Al SSO del Vol	2.68 174	P	Pn	23 07 27.7 -0.3
JAPN	JAPN		P	Pn	23 08 08.8 +3.1
ALJI	Alcalda de J	2.69 251	P	Pn	23 07 23.9 +0.5
ALJI	ALJI		P	Pn	23 07 59.1 -2.4
PSNO	Presa 5 de nov	2.73 266	P	Pn	23 07 25.9 +1.4
PSNO	PSNO		P	Pn	23 07 57.0 -0.6
SCLA	Alcaldia de Sa	2.74 260	P	Pn	23 08 00.4 -2.6
SARH	Santa Rosa de	2.78 282	P	Pn	23 07 25.1 +0.4
SARH	SARH		P	Pn	23 07 57.9 -0.8
TECO	Alcaldia de Te	2.83 257	P	Pn	23 08 01.8 +1.9
LLGN	La Laguna	2.90 269	P	Pn	23 07 20.5 -0.6
LLGN	LLGN		P	Pn	23 08 02.6 +0.7
PAVA	Las Pavas	2.94 261	P	Pn	23 07 28.3 +1.3
PAVA	PAVA		P	Pn	23 08 04.5 +1.7
IZABA	Izabal, Puerto	2.96 301	P	Pn	23 07 27.5 +0.4
IZABA	IZABA		P	Pn	23 08 03.1 +1.4
CARN	Rivas	3.04 172	P	Pn	23 07 34.6 +0.6
CARN	CARN		P	Pn	23 08 14.9 -2.1
LOMA	Loma Larga	3.17 260	P	Pn	23 08 13.2 -2.4
UESQ	Universidad Ev	3.23 262	P	Pn	23 08 13.6 -3.5
ESQI	Esquipulas	3.30 276	P	Pn	23 07 32.6 +0.6
ESQI	ESQI		P	Pn	23 08 14.2 -2.6
PMON	Piamonte	3.30 262	P	Pn	23 07 35.5 -0.3
PMON	PMON		P	Pn	23 08 16.6 -2.6
LUPA	Upala	3.42 264	P	Pn	23 08 25.5 +0.3
JAYA	Jayaque - finc	3.44 161	P	Pn	23 08 20.3 -2.9
UNIC	Universidad Ca	3.50 267	P	Pn	23 08 20.7 -4.0
CEBE	Cerro Verde	3.57 264	P	Pn	23 07 32.7 +0.7
NUBE	Las Nubes	3.73 266	P	Pn	23 07 32.3 -5.5
NUBE	NUBE		P	Pn	23 08 28.3 -3.2
COVE	Coope Vega, Sa	3.79 156	P	Pn	23 07 37.5 -1.0
COVE	COVE		P	Pn	23 08 38.9 -2.2
JTSA	Alcaldia de Sa	3.96 265	P	Pn	23 07 40.8 -1.0
JTSA	JTSA		P	Pn	23 07 40.8 -1.0
PRVC	Isla de Provid	4.54 100	P	Pn	23 07 46.8 -2.0
LCR2	La Lucha 2	4.83 157	P	Pn	23 07 52.4 -0.7
TEIG	Tepich	6.38 340	P	Pn	23 08 09.5 -4.7
TEIG	TEIG		P	Pn	23 09 16.6 -1.1

CHGN	comp=N,413nm,0.3s		IAML	23 37 25.9
CHGN	comp=E,512nm,0.4s	2.89 52	Pn	23 37 25.9
CHGN	Chignik	3.04 47	Pn	23 37 26.4
BSPCA	Veniaminof	3.02 54	Pn	23 37 25.9 +1.2
ANPB	Aniakchak Plen	3.25 45	Pn	23 36 56.7 +1.1
ANNW	Aniakchak Nort	3.39 44	Pn	23 36 58.8 +1.3
OKFG	Magazine Ridge	3.41 252	Pn	23 36 57.8 +0.2
OKNC	Okmok New Cone	3.52 254	Pn	23 36 59.1 +0.1
OKNC	OKNC		Pn	23 36 59.1 +0.1
OKCE	Okmok Cone E	3.55 253	Pn	23 36 60.0 +0.4
OKSP	Okmok Steeple	3.65 251	Pn	23 37 01.4 0.0
R17L	Mt. Peulik Vol	4.59 46	Pn	23 37 15.2 +1.5
PLK5	Peulik 5	4.63 40	Pn	23 37 15.8 +1.7
CLCO	Concord Point	4.67 250	Pn	23 37 15.4 +0.7
O14K	Tigiykuiwet M	4.73 8	Pn	23 37 18.0 +0.6
O14K	O14K		IAML	23 38 38.8
O14K	comp=N,59nm,0.9s		IAML	23 38 40.3
O14K	comp=E,44nm,0.8s		IAML	23 38 40.3
CLES	Cleveland East	4.75 251	Pn	23 37 14.7 -1.0
O15K	Ungalithiuk R	4.83 16	Pn	23 37 16.6 -0.3
O15K	O15K		IAML	23 38 26.9
SPIA	comp=E,45nm,0.9s	5.09 304	Pn	23 37 22.4 +2.1
P16K	Nushagak River	5.09 27	Pn	23 37 20.3 -0.1
P16K	P16K		IAML	23 38 57.5
P16K	comp=N,93nm,1.2s		IAML	23 39 00.5
KJL	Kejulik	5.18 45	Pn	23 37 22.6 +0.9
Q17K	Contact Creek	5.20 42	Pn	23 37 23.1 +1.2
AN4K	Angle Creek	5.31 44	Pn	23 37 24.6 +1.2
N14K	Kuskokwag Cree	5.37 4	Pn	23 37 24.4 +0.3
MCSL	Mageik Lantaki	5.41 46	Pn	23 37 25.6 +0.9
KAKN	Katmai Knife C	5.55 45	Pn	23 37 26.8 0.0
O16K	Kwokok River B	5.56 24	Pn	23 37 26.8 0.0
P17K	Kvichak River	5.69 33	Pn	23 37 29.3 +0.9
KAWH	Katmai	5.71 45	Pn	23 37 29.2 +0.3
N15K	Kwethluk River	5.75 12	Pn	23 37 30.0 +0.7
O19K	Katmai Handscr	5.80 42	Pn	23 37 30.0 +1.2
OHAQ	Old Harbor	5.81 59	Pn	23 37 29.6 -0.5
OHAQ	Old Harbor	5.81 59	Pn	23 37 29.0 -1.1
KARR	Katmai Rainbow	5.82 44	Pn	23 37 31.3 +0.9
M13K	Dall Lake	5.87 356	Pn	23 37 31.9 +1.0
KATC	Katmai Hook Gt	5.88 45	Pn	23 37 32.0 +0.7
O17K	Kotiganek Bris	5.97 27	Pn	23 37 32.0 +0.4
M11K	Mekoryuk	6.15 342	Pn	23 37 36.4 +1.6
M15K	Saglikul River	6.20 8	Pn	23 37 36.2 +0.7
P18K	Big Mountain	6.24 36	Pn	23 37 37.4 +1.3
KDAK	Kodiak Island	6.39 56	Pn	23 37 37.7 -0.3
KDAK	comp=N,7.4nm,0.3s,baz=242,slow=5.7,SNR=2.7		S	23 38 45.1 -4.3
KDAK	comp=N,8.6nm,0.3s,baz=193,slow=1.9,SNR=6.3		S	23 38 45.1 -4.3
KDAK	comp=N,18nm,0.3s		AML	23 38 45.1 -4.3
KDAK	Kodiak Island	6.39 56	Pn	23 37 36.8 -1.2
Q19K	Cape Douglas	6.52 45	Pn	23 37 40.2 +0.3
O18K	Kotuk Hills	6.59 34	Pn	23 37 42.1 +1.3
N17K	Nushagak Hills	6.60 23	Pn	23 37 41.2 +0.2
M16K	Timber Creek	6.72 15	Pn	23 37 43.2 +0.6
L14K	Bradley Laker S	6.78 37	Pn	23 37 42.7 +0.3
P19K	Oli Pt	7.15 41	Pn	23 37 49.7 +1.3
KOFF	Korovin Flat P	7.32 256	Pn	23 37 50.5 -0.2
L16K	Owhat River	7.32 11	Pn	23 37 50.8 +0.1
M17K	Holitna River	7.34 19	Pn	23 37 51.6 +0.6
KOKL	Mount Kluchef	7.36 257	Pn	23 37 51.4 +0.1
KOWI	Korovin West	7.37 257	Pn	23 37 51.7 +0.3
ATKA	Atka Island	7.40 256	Pn	23 37 51.9 +0.1
ATKA	Atka Island	7.40 256	Pn	23 37 51.7 -0.1
ILSW	Ilamna Southw	7.41 39	Pn	23 37 52.7 +0.7
K13K	Kusilvak Mount	7.46 352	Pn	23 37 52.4 -0.2
M18K	Blumar Creek	7.57 31	Pn	23 37 55.6 +1.7
Q20K	Slope Mountain	7.66 66	Pn	23 37 56.6 +1.1
K15K	Wolf Creek Mou	7.75 3	Pn	23 37 56.7 +0.1
CNPW	China Peak	7.88 46	Pn	23 37 58.3 -0.1
L17K	Donlin	7.88 14	Pn	23 37 58.5 +0.1
BRLK	Bradley Lake	8.16 46	Pn	23 38 01.2 -0.9
M20K	Korovin West	8.21 46	Pn	23 38 02.0 -0.8
J14K	Narvanak Lak	8.21 357	Pn	23 38 03.1 +0.3
K17K	Iditarod	8.44 13	Pn	23 38 06.3 +0.4
GSMY	Great Sitkin M	8.52 258	Pn	23 38 06.9 -0.3
J16K	Anvik River	8.78 6	Pn	23 38 11.5 +0.9
ETKA	Kagalaska Isla	8.79 258	Pn	23 38 09.7 -1.1
M20K	Korovin West	8.81 37	Pn	23 38 13.5 +0.4
SLKM	Skilak Lake	8.86 43	Pn	23 38 11.4 -0.4
STLK	Strandline Lak	8.93 35	Pn	23 38 14.5 +1.7
ADK	Adak	8.94 258	Pn	23 38 12.8 0.0
ADK	Adak	8.94 258	Pn	23 38 12.7 -0.1
GEAW	Geard	8.95 47	Pn	23 38 12.7 -0.6
J17K	VABM Dome	9.01 10	Pn	23 38 13.8 +1.1
KIWB	Kanaga Island	9.22 259	Pn	23 38 16.5 -0.1
KIKV	Kanaga Island	9.22 259	Pn	23 38 15.8 -0.8
SUA	Susitna	9.28 37	Pn	23 38 17.4 -0.1
SKT	Skwentna	9.38 33	Pn	23 38 20.0 +1.2
TASE	Tanaga Southea	9.43 260	Pn	23 38 20.9 0.0
P20K	Montague Islan	9.79 50	Pn	23 38 23.3 -1.0
K23K	Telida	9.80 23	Pn	23 38 25.4 +0.9
PWL	Port Wells	9.82 45	Pn	23 38 23.2 -1.6
KNK	Knik Glacier	10.09 42	Pn	23 38 27.6 -0.9
HIN	Hinchinbrook I	10.37 49	Pn	23 38 31.2 -1.1
I20K	Lowitz River	10.51 20	Pn	23 38 34.6 +0.5
FID	Port Fidalgo	10.55 48	Pn	23 38 32.1 -2.6
EYAK	Cordova Ski Ar	10.77 50	Pn	23 38 36.7 -1.0
KAIM	Kayak Island	11.13 54	Pn	23 38 42.3 -0.3
KLU	Klutina	11.15 45	Pn	23 38 41.1 -1.9
RCAR	Rever Creek A	11.19 52	Pn	23 38 42.7 -1.2
G18K	Tagegawik	11.50 50	Pn	23 38 48.7 +1.1
DHY	Denali Highway	11.53 36	Pn	23 38 45.2 -3.0
HARP	HAARP	11.94 42	Pn	23 38 52.3 -1.3
MLY	Manley	12.00 25	Pn	23 38 54.8 +0.4
GLB	Gililiana Butte	12.02 48	Pn	23 38 52.1 -2.5
CRW	Crow	12.03 51	Pn	23 38 52.3 -1.2
TGL	Tana Glacier	12.17 52	Pn	23 38 55.6 -1.1
CCB	Clear Creek Bu	12.49 30	Pn	23 38 58.3 -2.5
HDA	Harding Lake	12.58 32	Pn	23 38 59.2 -2.9
GRNC	Granite Creek	12.66 53	Pn	23 38 52.6 -0.8
M26K	Nabesna, AK	12.81 44	Pn	23 39 03.7 -1.5
RIDG	Independent Ri	12.84 37	Pn	23 39 03.5 -2.0
ILAR	Eielson Army	12.85 31	Pn	23 39 03.0 -2.8
ILAR	comp=N,0.2nm,0.3s,baz=223,slow=11.3,SNR=5.2		S	23 41 19.4 -7.3
ILAR	comp=N,0.7nm,0.6s,baz=216,slow=9.4,SNR=2.2		S	23 41 19.4 -7.3
ILAR	comp=N,0.3nm,0.4s		AML	23 41 19.4 -7.3
M27K	Edge Creek, AK	13.25 46	Pn	23 39 10.0 -1.1
PNL	Peninsula	13.49 59	Pn	23 39 14.5 +0.2
ECAR	Beaver Creek A	13.62 43	Pn	23 39 17.2 -1.2
C18K	Utukok River	14.13 33	Pn	23 39 27.7 -0.3
D2				

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like DRO Drossia, PVL Pylos, EVGI Messolongi, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like UZB Uzynbulak, UZB Uzynbulak, UZB Uzynbulak, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like SANI Sani, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

Summary text at the bottom of the page, including NNC 09 01:21:29.0.4, 43.23N, 78.74E, h0km, mb2.1, mpv2.6, Error ellipse: s-maj=3.9km s-min=2.0km az=9.0, and other technical details.

Table with columns: JODD, Odawara 2, 2.86 93 eP, Pn, 02 56 53.7 +1.7, KRUC Moravsky, 2.17 240 ePN, Pn, 03 11 27.7 -1.6

IDC 09 03:04:17.3.3.4, 17'28S-174'06W, h560km, 39km, mb2.7/4, mbmp3.6/5, Error ellipse: s-maj=38.9km s-min=31.3km az=163.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC

Table with columns: KRUC Moravsky, 2.17 240 ePN, Pn, 03 11 27.7 -1.6

SCB 09 03:17:53.1±0.9, 21'29S-67'88W, h132km, 19km, ML3.7/2, Error ellipse: s-maj=7.6km s-min=6.0km az=1.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC

AZER 09 03:19:34.0, 41'63N-46'30E, h5km, ml1.8, MOS 09 03:19:35.2, 41'89N-46'25E, h25km, MPVA3.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC

MAN 09 03:41:05.0, 3.79N-126.74E, h1km, MS5.5, MOS 09 03:41:12.5, 1.0, 4.19N-126.56E, h11km, MS5.5/2

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC

MW5.5/138, Moment Tensor Solution. s138,c251; s134,c221; Duration: 1s4 Moment tensor: Scale 10^17 Nm; Mn:0.99±0.03; Mw:0.60±0.02; Ms:1.59±0.03; Mb:2.03±0.06; Mw:0.94±0.02; Mr:0.14±0.05; Best double couple: M2.57600x10^17 NP1:349.00000; 841.00000; 123.00000; NP2:241.00000; 875.00000; 128.00000; Principal axes: T.2.8980, Plg4.60000; Azm190.00000; N-0.6450, Plg37.00000; Azm49.00000; P-2.2540, Plg21.00000; Azm303.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 09 03:41:18.5, 41'7N-126'7E, h35km, NEIC 09 03:41:19.4, 07N-126'65E, h24km, Moment Tensor Solution. Duration: 266 Moment tensor: Scale 10^17Nm; Mr:1.06; Mw:0.20; Ms:1.26; Mw:0.07; Mb:0.80; Mr:0.35; Fault plane solution: M1.46000x10^17 NP1:32.35000; 838.30000; 1.102.38000; NP2:196.72000; 852.75000; 180.39000; Principal axes: T.1.153, Plg79.00000; Azm67.00000; N.0.5433, Plg8.00000; Azm203.00000; P-1.6585, Plg7.00000; N.0.4529, Plg4.00000;

GFZ 09 03:41:19.2±0.3, 4'N-2'12'E, h44km, 2km, M5.3/127, mb5.4/127 Error ellipse: s-maj=4.8km s-min=3.1km az=69.9, confirmed

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC

2020 SEP

Table with columns: ID, Name, Time, Status, and other details. Includes entries like BKb Batikpapan, KAPI Kappang, KAPI Kappang, etc.

Table with columns: ID, Name, Time, Status, and other details. Includes entries like FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

Table with columns: ID, Name, Time, Status, and other details. Includes entries like AS19 Alice Springs, NJ2 Nanjing, WHN Wuhan, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like EDP2, ISECA, RBALA, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like PMON, LOMA, LOMA, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like LMGC, LMGC, LMGC, etc.

IDC 09 04:53:22.2.1.0, 13.88N:121.48E, h0km, mb3.8/9, mbtmp3.8/9, Error ellipse: s-maj=44.8km s-min=19.7km az=63.0

NEIC 09 04:53:24.7.1.3, 13.89N:121.38E, h10km, mb3.4/7, Error ellipse: s-maj=26.2km s-min=7.9km az=93.0

ISC 09 04:53:24.0.0.7, 13.88N:121.4E, h10km, n26, c0579/27, mb3.9/13, Mindoro

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like SZP, SZP, KKM, etc.

AFAD 09 04:46:15.6, 38.49N-26.84E, h7km, 1km, ML1.5, Aegean Sea

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Code, Station Name, etc.

ASAR Alice Springs 39.28 162 P comp=Z,0.5nm,0.7s, baz=338,slow=8.6,SNR=2.8

ASAR Alice Springs 39.28 162 P comp=Z,0.5nm,0.7s, baz=338,slow=8.6,SNR=2.8

ASAR Alice Springs 39.28 162 P comp=Z,0.5nm,0.7s, baz=338,slow=8.6,SNR=2.8

ASAR Alice Springs 39.28 162 P comp=Z,0.5nm,0.7s, baz=338,slow=8.6,SNR=2.8

ASAR Alice Springs 39.28 162 P comp=Z,0.5nm,0.7s, baz=338,slow=8.6,SNR=2.8

ASAR Alice Springs 39.28 162 P comp=Z,0.5nm,0.7s, baz=338,slow=8.6,SNR=2.8

ASAR Alice Springs 39.28 162 P comp=Z,0.5nm,0.7s, baz=338,slow=8.6,SNR=2.8

ISK 09 04:46:28.1, 38.98N-29.12E, h5km, ML2.1/10, Turkey

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like SHAP, SHAP, SIMA, etc.

Code Station Name Time Res ISC h m s ISC

COPN Copaltepe 0.32 44 Op Pn 05 02 35.0 -0.4

COPN Copaltepe 0.32 44 Op Pn 05 02 35.0 -0.4

COPN Copaltepe 0.32 44 Op Pn 05 02 35.0 -0.4

COPN Copaltepe 0.32 44 Op Pn 05 02 35.0 -0.4

COPN Copaltepe 0.32 44 Op Pn 05 02 35.0 -0.4

COPN Copaltepe 0.32 44 Op Pn 05 02 35.0 -0.4

COPN Copaltepe 0.32 44 Op Pn 05 02 35.0 -0.4

COPN Copaltepe 0.32 44 Op Pn 05 02 35.0 -0.4

COPN Copaltepe 0.32 44 Op Pn 05 02 35.0 -0.4

CATAC 09 04:36:50.7, 0.7, 13.1N:4.9W, h28km, 5km, M3.7/14, MLV3.7/14, Error ellipse: s-maj=9.7km s-min=5.4km az=19.7, confirmed

SNET 09 04:36:51.2.1.3, 13.18N:89.64W, h50km, ML3.6, Presumed earthquake

GCG 09 04:36:52.4.0.6, 13.23N:89.71W, h33km, 3km, MD4.2, Presumed earthquake

ISC 09 04:36:51.0.1.7, 13.11N:0.07:89.62W:0.04, h28km, 12km, n43, c0971/64, El Salvador

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like LALI, LALI, LALI, etc.

IDC 09 04:49:11.5, 11.0, 21.08S:177.14W, h0km, mb3.8/4, mbtmp3.8/4, Error ellipse: s-maj=307.0km s-min=35.9km az=35.0, Fiji Islands region

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like ASAR, ASAR, WRA, etc.

ASAR Alice Springs 45.18 257 P comp=Z,0.4nm,0.5s, baz=106,slow=8.4,SNR=4.0

WRA Warramunga Arr 45.32 262 P comp=Z,0.4nm,0.5s, baz=106,slow=8.4,SNR=14

VNDA Vanda 57.41 185 P comp=Z,0.3nm,0.6s, baz=357,slow=5.7,SNR=3.5

GSPA South Pole Qui 69.00 180 P comp=Z,2.7nm,1.0s, baz=31,slow=0.9,SNR=9.9

JSN 09 04:50:15.1, 0.7, 18.26N:76.52W, h2km, 69km, MD2.3, Confirmed Earthquake

SSNC 09 04:50:17.6, 1.1, 18.42N:76.59W, h7km, 11km, MD3.1, ML1.2, Presumed earthquake

ISC 09 04:50:13.3, 1.5, 18.39N:0.05:76.57W:0.08, h13km, 12km, n9, c068/18, 5C, Jamaica region

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Code, Station Name, etc.

Code Station Name Time Res ISC h m s ISC

COPN Copaltepe 0.32 44 Op Pn 05 02 35.0 -0.4

COPN Copaltepe 0.32 44 Op Pn 05 02 35.0 -0.4

COPN Copaltepe 0.32 44 Op Pn 05 02 35.0 -0.4

COPN Copaltepe 0.32 44 Op Pn 05 02 35.0 -0.4

COPN Copaltepe 0.32 44 Op Pn 05 02 35.0 -0.4

COPN Copaltepe 0.32 44 Op Pn 05 02 35.0 -0.4

COPN Copaltepe 0.32 44 Op Pn 05 02 35.0 -0.4

COPN Copaltepe 0.32 44 Op Pn 05 02 35.0 -0.4

COPN Copaltepe 0.32 44 Op Pn 05 02 35.0 -0.4

Table with columns for station name, frequency, mode, and signal strength. Includes stations like MBWA Marble Bar, GULI Guilin, PPI Padang Panjang, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like CTAO Charters Tower, KMI2 Kunming, MEEK Meekatharra, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like PYAG HongShan, HNS HongShan, DL2 Dalian, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like TSSA, PEAOB, PETK, MSFV, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like MA2, MDOK, TDK, TNS, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like CHM, MRZ, BRLS, NGCH, etc.

Table with columns for station ID, name, elevation, and various performance metrics. Includes stations like J16K, L16K, AKT, M16K, RDOG, P16K, etc.

Table with columns for station ID, name, elevation, and various performance metrics. Includes stations like KBZ, EPOS, I21K, BRLK, NEUR, KVAR, etc.

Table with columns for station ID, name, elevation, and various performance metrics. Includes stations like VORR, VSR, KLU, K24K, KLT, EYAK, etc.

Table with columns: Station, Name, Time, Az, El, AzM, ElM, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN. Includes stations like CKRC, SOKA, GORT1, KHC, MOA, GE2, etc.

Table with columns: Station, Name, Time, Az, El, AzM, ElM, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN. Includes stations like BUG, STU, MHC, DAVA, FUORN, etc.

Table with columns: Station, Name, Time, Az, El, AzM, ElM, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN. Includes stations like K30B, KSCO, EPT, EYMN, etc.

840.00000°, 10.00000°. Principal axes: T 1.2024, P1g33.0000°, Azm148.0000°, N 0.0002, P1g40.0000°, Azm25.0000°, P -1.2026, P1g33.0000°, Azm262.0000°, REN 09 10:07:28.4±0.3, 8.18N±0.01, 117.87W±0.01, h10km, 2km Error ellipse: s-maj=2.0km s-min=1.5km az=212.0, NEIC 09 10:07:28.4±1.2, 3.8E±17N±0.01, 117.87W±0.01, h2km, 2km, ML3.3/115, ML3.6/18(REN), Mwr3.3/14(SLM), Error ellipse: s-maj=2.1km s-min=1.6km az=205.0, Nevada

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various stations like Columbus, Mina Array Sit, Ryan, Deep Springs, Carvers, Kaiserville, Warramunga Arr, etc.

Table with columns: OSI, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like Osito Audit, Paynes Creek, Hat Creek, Little Creek, Modoc Plateau, etc.

IDC 09 10:07:32.1±2.0, 6.35S; 151.31E, h255km±20km, mb2.9/4, mbmp3.6/5, Error ellipse: s-maj=83.6km s-min=26.3km az=115.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like Kravat, Warramunga Arr, ASAR, FITZ, MKAR, CPUP, etc.

IDC 09 10:26:03.0±1.0, 4.28N; 126.88E, h0km, mb3.9/10, mbmp3.9/11, ML3.9/1, Error ellipse: s-maj=66.6km s-min=12.0km az=68.0

DJA 09 10:26:09.1±1.6, 6.5N; 127.7E, h15km, 29km, M4.4/8, mb4.4/2, MLV4.3/8

IDC 09 10:26:03.6±0.7, 4.29N; 102.04; 127.1E; 0.1, h10km, n21, r178/21, mb4.0/10, Talaud Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like Davao City, Kidapawan, Cateel, Manado, General Luna, etc.

IDC 09 10:31:59.4±2.0, 7.70S; 123.60E, h280km±24km, mb3.3/5, mbmp3.9/9, Error ellipse: s-maj=42.4km s-min=10.7km az=67.0

DJA 09 10:32:01.2±0.7, 8.5S; 123.3E, h246km, 10km, M3.9/12, mb4.8/3, mb4.0/6, MLV3.9/12, Mw(mb)4.0/3

IDC 09 10:31:59.4±2.0, 7.70S; 123.60E; 0.1, h250km, n27, r158/29, mb3.5/5, Banda Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like Maumere, Ende, Kendari, Labuhan Bajo, Waingapu, etc.

Table with columns: FITZ, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like Fitzroy Crossi, Marble Bar, Warramunga Arr, etc.

IDC 09 10:42:48.4±0.7, 27.43N; 56.22E, h0km, mb4.2/27, mbmp4.2/30, ML4.6/3, MS3.3/4, Error ellipse: s-maj=16.1km s-min=12.6km az=2-0

MOS 09 10:42:49.6±1.2, 27.49N; 56.28E, h11km, mb4.7/31, Error ellipse: s-maj=6.1km s-min=4.5km az=94.1

DSN 09 10:42:49.8±1.0, 27.68N; 56.26E, h10km, ML4.2/16, Error ellipse: s-maj=11.9km s-min=5.7km az=53.0

TEH 09 10:42:50.1±2.1, 27.11N; 56.24E, h11km, 16km, ML4.2, Presumed earthquake

OMAN 09 10:42:50.8±0.2, 27.63N; 55.99E, h10km, mb4.0/7, mb4.2/20, Error ellipse: s-maj=4.4km s-min=1.9km az=36.0

NEIC 09 10:42:50.8±1.3, 27.51N; 0.04; 56.19E; 0.10, h10km, 1km, mb4.4/31, Error ellipse: s-maj=15.0km s-min=6.0km az=107.0

THR 09 10:42:51.0±1.0, 27.47N; 56.25E, h15km, 2km, ML4.2, Presumed earthquake

IDC 09 10:42:50.9±0.8, 27.52N; 0.03; 56.21E; 0.04, h12km, 5km, n276, r146/287, mb4.4/78, MS3.2/5, 10C-6D, Southern Iran

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like Geno, Bandar-Abbas, Masafi, Esma-Masafi, Negar Kerman, Madha, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like MEKK, KHZ, RPZ, YOH, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like GULI, BUKI, DL2, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like CM31, CMAR, CMAR, etc.

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Table with columns: UZB, KPKS, KURS, ARXS, ZSN, ZSN, ZSN, KURBS, KURK, etc. Each row contains station name, coordinates, and time/residual data.

IDD 09 11:59:34.7, 1.4, 47.76N; 92.08W, h157km, 16km, mb3.3/2, mbtmp3.8/5, MS4.0/1, Error ellipse: s-maj=41.3km s-min=8.6km az=30.0

NEIC 09 11:59:36.9, 1.5, 15.33N; 0.09:91.70W, 0.09, h181km, 5km, mb4.5/5, Error ellipse: s-maj=15.0km s-min=9.3km az=225.0

GCG 09 11:59:36.7, 1.1, 15.33N; 91.63W, h169km, 8km, MD4.7, ML4.5, Presumed earthquake

ISC 09 11:59:36.1, 0.7, 15.23N; 0.09:91.72W, 0.06, h185km, 6km, n31, c152/38, mb4.0/4, Mexico-Guatemala border region

Main station list table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, etc. Includes stations like Huehuetenango, Retalhuleu, El Palmar, etc.

IDD 09 12:04:22.7, 4.3, 23.49S; 169.44E, h180km, 26km, mb3.2/3, mbtmp3.6/4, Error ellipse: s-maj=110.4km s-min=29.8km az=36.0, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, etc. Includes stations like Mont Dumac, ASAR, WRA, VANDA, etc.

JMA 09 12:05:15.5, 0.1, 43.0N; 0.3: 145.4E, 0.5, h48km, 1km, MV3.4/36, OFF NEMURO PENINSULA

JMA Felt J1 at OFF NEMURO PENINSULA

SKHL 09 12:05:16.8, 0.4, 43.00N; 145.30E, h35km, 4km, mb4.3/3

ISC 09 12:05:16.6, 1.1, 43.02N; 0.09:145.31E, 0.05, h42km, 11km, n13, c0975/23, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, etc. Includes stations like JKHN, AKK, JAK, NMR, NEM2, JNK, JNSB, JNS, JRA, etc.

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Table with columns: JOB, YUK, YUK, YUK, YUK, JAR, JAR, SHO, SHO, SHO, SHO, KUR, KUR, KUR, KUR, etc. Each row contains station name, coordinates, and time/residual data.

MAN 09 12:58:56.0, 3.65N; 127.06E, h277km, MS4.5, IDC 09 12:59:00.0, 1.3, 4.32N; 126.99E, h0km, mb3.8/8, mbtmp3.8/8, Error ellipse: s-maj=97.0km s-min=16.6km az=64.0

ISC 09 12:59:06.9, 0.9, 3.79N; 0.09:126.2E, 0.2, h35km, n12, c25/31/13, mb3.9/8, Talaud Islands

Main station list table for the 2020 SEP section with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, etc. Includes stations like Don Marcelino, Kidapawan, Bislig, etc.

IDD 09 13:59:33.4, 1.8, 4.23N; 126.82E, h0km, mb3.5/5, mbtmp3.6/5, MS3.3/2, Error ellipse: s-maj=118.4km s-min=21.0km az=70.0

MAN 09 13:59:33.0, 3.58N; 126.51E, h32km, MS3.6, DJA 09 13:59:42.0, 1.5, 4.1N; 127.12E, h34km, 43km, M4.0/9, mb4.3/5, MLV3.8/9

ISC 09 13:59:33.0, 0.9, 3.60N; 0.05:126.64E, 0.09, h10km, n19, c29/8/18, mb3.5/5, Talaud Islands

Main station list table for the 2020 SEP section with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, etc. Includes stations like Don Marcelino, MNI, FNTH, etc.

DJA 09 14:17:11.0, 0.6, 5.2N; 142.12E, h15km, 4km, M4.5/12, mb4.8/3, mb4.5/11, MLV4.6/12, Mw(MB)4.1/3

ISC 09 14:17:14.6, 0.7, 4.18N; 126.75E, h0km, mb4.0/12, mbtmp4.0/12, MS3.4/1, Error ellipse: s-maj=45.6km s-min=11.0km az=71.0

MAN 09 14:17:15.0, 3.99N; 126.48E, h1km, MS4.2, NEIC 09 14:17:19.8, 1.4, 4.24N; 0.06:126.84E, 0.07, h35km, 2km, mb4.5/41, Error ellipse: s-maj=12.4km s-min=8.6km az=63.0

ISC 09 14:17:15.9, 0.4, 4.21N; 0.04:126.80E, 0.06, h10km, n87, c155/9/3, mb4.4/31, Talaud Islands

Main station list table for the 2020 SEP section with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, etc. Includes stations like Don Marcelino, General Santos, Davo, etc.

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Table with columns: SANI, LUWI, LUWI, LUWI, TOLIZ, TOLIZ, APSI, NLAJ, MYLDM, MYLDM, MYLDM, FAKI, KKM, LQP, KAPPAN, MTN, YULB, KNRA, TPUB, etc. Each row contains station name, coordinates, and time/residual data.

GUM0 20.12 61 P Iamb Iamb 14 21 48.9 -1.3

FITZ Fitzroy Crossi 22.20 183 P P 14 22 12.3 -0.2

FITZ Fitzroy Crossi 22.20 183 P P 14 22 12.8 +0.3

BBJI Bungbulang 22.35 239 P P 14 22 14.0 -0.4

BBJI Bungbulang 22.35 239 P Iamb Iamb 14 22 22.1

COEN Coen 24.29 138 P P 14 22 32.0 -1.7

PMG Port Moresby 24.39 124 P P 14 22 33.0 -1.7

WBO Warramunga Arr 24.97 163 P P 14 22 39.2 -0.7

WBO Warramunga Arr 24.97 163 P Iamb Iamb 14 22 45.2

WRAB Tennant Creek 25.12 163 P P 14 22 40.9 -0.3

WRAB Tennant Creek 25.12 163 P Iamb Iamb 14 22 51.7

WRA Warramunga Arr 25.12 163 P P 14 22 40.8 -0.5

WRA Warramunga Arr 25.12 163 P S 14 22 08.2 +2.0

WRA Warramunga Arr 25.12 163 P P 14 22 40.9 -0.3

WRS Warramunga Arr 25.12 163 P Iamb Iamb 14 22 41.8 0.0

WRS Warramunga Arr 25.12 163 P P 14 22 48.4

MBWA Marble Bar 26.15 195 P P 14 22 51.2 +0.7

MBWA Marble Bar 26.15 195 P Iamb Iamb 14 23 05.5

AS31 Alice Springs 28.56 166 P P 14 23 11.7 -0.6

ASAR Alice Springs 28.56 166 P P 14 23 11.8 -0.4

ASAR Alice Springs 28.56 166 P S 14 28 03.1 +2.6

ASAR Alice Springs 28.56 166 P P 14 23 11.3 -0.9

LHMI Lhok Sumawe 29.76 273 P P 14 23 21.9 -1.1

CMAR Chiang Mai Arr 30.69 300 P P 14 23 32.6 +1.5

CMAR Chiang Mai Arr 30.69 300 P P 14 23 30.5 -0.6

JGF Kuroka 32.72 16 Iamb Iamb 14 24 20.9

JGF Kuroka 32.72 16 P P 14 24 53.3 +1.3

INCN Inchon 33.11 360 P P 14 23 50.4 -1.8

MAJO Matsushiro 33.84 17 P P 14 23 57.0 -1.6

MAJO Matsushiro 33.84 17 P Iamb Iamb 14 24 36.7

MJBS Matsu-Tunnel 33.84 17 P P 14 23 57.0 -1.6

MJBS Matsu-Tunnel 33.84 17 P Iamb Iamb 14 24 36.7

INKA Innamincka 34.50 158 P P 14 24 04.3 0.0

INKA Innamincka 34.50 158 P Iamb Iamb 14 24 06.1

EIDS Eidsvoll 37.69 143 P P 14 24 31.4 -0.3

BBOO Buckleboe 37.85 167 P Iamb Iamb 14 25 03.1 +0.1

BBOO Buckleboe 37.85 167 P Iamb Iamb 14 25 04.2

STKA Stephens Creek 38.56 160 P P 14 24 39.5 +0.6

STKA Stephens Creek 38.56 160 P Iamb Iamb 14 25 05.6 -0.7

ARMA Armidale 41.83 147 P P 14 25 23.3

ARMA Armidale 41.83 147 P Iamb Iamb 14 25 23.3

MARNC Mare, Loyalty 47.78 124 P P 14 25 53.3 -0.5

PDGK Podgornoye 57.09 320 P P 14 27 02.6 -0.1

MKAR Makanchi Array 57.20 325 P P 14 27 03.3 0.0

MKAR Makanchi Array 57.20 325 P P 14 27 03.5 +0.2

TARG Taragay, Kyrgy 57.44 318 P P 14 27 04.4 -1.2

KDJ Kajisay 58.03 318 P Iamb Iamb 14 27 08.8 -0.6

KDJ Kajisay 58.03 318 P Iamb Iamb 14 27 37.1

BOOM Boomsokoye ush 59.02 318 P P 14 27 16.2 -0.1

ZAAO Zalesovo Beam 60.19 333 P Iamb Iamb 14 27 24.4 +0.5

ZAAO Zalesovo Beam 60.19 333 P Iamb Iamb 14 27 31.8

ZALV Zalesovo Beam 60.19 333 P P 14 27 23.5 -0.4

ZALV Zalesovo Beam 60.19 333 P P 14 27 23.5 -0.4

KURBS Kurchatov Arr 61.37 327 P P 14 27 31.9 -0.1

KURBS Kurchatov Arr 61.37 327 P Iamb Iamb 14 27 31.9 -0.1

KURK Kurchatov 61.37 327 P P 14 27 32.0 0.0

KURK Kurchatov 61.37 327 P Iamb Iamb 14 27 33.9

AIS Amsterdam Isls 61.87 223 P P 14 27 35.7 +0.1

AB31 Akbulak array 71.82 321 P P 14 28 39.2 +0.3

AB31 Akbulak array 71.82 321 P P 14 28 39.9 +0.1

P17K Kvichak River 79.62 31 P P 14 29 22.9 -0.4

J18K Innokko River 80.22 26 P Iamb Iamb 14 29 26.8 +0.3

J18K Innokko River 80.22 26 P Iamb Iamb 14 29 33.6

Kuna River 80.65 21 P P 14 29 28.8 0.0

D19K Kuna River 80.65 21 P Iamb Iamb 14 29 31.1

PPLA Purkypeille 82.17 27 P P 14 29 37.2 +0.1

PPLA Purkypeille 82.17 27 P Iamb Iamb 14 30 03.2

ILAR Eielson Array 84.64 25 P P 14 29 51.1 +1.5

ILAR Eielson Array 84.64 25 P P 14 29 51.1 +1.5

VRDI Verde Repeater 86.22 29 P P 14 29 56.9 -0.9

ARCES ARCESS Array B 90.02 340 P P 14 30 15.1 -0.4

ARCES ARCESS Array B 90.02 340 P P 14 30 15.1 -0.4

ARCES ARCESS Array B 90.02 340 P P 14 30 15.7 +0.1

WHY Whitehorse 90.43 29 P Iamb Iamb 14 30 17.2 -0.5

WHY Whitehorse 90.43 29 P Iamb Iamb 14 30 50.8

FIAY FINESS Array S 91.44 332 P P 14 30 21.8 -0.4

FINES FINESS Array B 91.44 332 P P 14 30 22.2 0.0

FINES FINESS Array B 91.44 332 P P 14 30 22.1 -0.2

QSPA South Pole Qui 94.12 180 P P 14 30 34.4 -0.0

QSPA South Pole Qui 94.12 180 P Iamb Iamb 14 31 11.8

SKHL 09 14:24:35.0, 3.0, 3.46N; 152.20E, h58km, 6km, mb5.1/5

MOS 09 14:24:36.0, 1.1, 4.62N; 152.03E, h58km, mb4.7/32, Error ellipse: s-maj=7.3km s-min=5.9km az=67.0

JMA 09 14:24:36.5, 0.8, 4.6N; 152.2E, h30km, MV4.7/21, KURILE ISLANDS REGION

NEIC 09 14:24:38.0, 0.8, 4.63N; 152.0E, 0.1, h63km, 3km, mb4.6/60, Error ellipse: s-maj=12.6km s-min=8.8km az=152.0

ISC 09 14:24:41.1, 2.6, 4.69N; 151.89E, h81km, 21km, mb3.8/20, mbtmp4.1/27, MS3.4/27, Error ellipse: s-maj=22.0km s-min=12.8km az=153.0

ISC 09 14:24:37.2, 0.7, 4.61N; 0.05:152.06E, 0.05, h55km, 5km, n15, c152/0, 0.05, Talaud Islands

9d 14h

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like NOA, NOARSAR Array B, NOARSAR Array A, etc.

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Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like SQTA, ABTA, FETA, DAVA, etc.

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Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like CMSA, CMA, YOJ, LHMI, etc.

MAN 09 14:28:44.0, 3.71N:126.48E, h29km, MS3.8, Talaud Islands. Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like VVUC, JISG, PTMZ, KNMB, ZPLA, etc.

TRN 09 16:01:45.0, 10.94N:62.11W, h100km, MD3.6, North of the Panama peninsula.
FUNV 09 16:02:12.2, 11.00N:62.29W, h25km, MW3.6, Presumed earthquake

ISC 09 16:02:10.1, 2.0, 10.94N:0.62, 30W, h94km, 26km, n13, c126/26, Near coast of Venezuela

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like DMDM, DMDM, PSGH, TRN, etc.

NNC 09 16:16:46.7, 1.6, 37.73N:72.02E, h0km, mb4.7, mpv4.5, Error ellipse: s-maj=13.6km s-min=10.0km az=5.0
MOS 09 16:16:46.0, 0.9, 37.31N:72.04E, h198km, mb4.5/15, Error ellipse: s-maj=6.9km s-min=3.8km az=83.6

NEIC 09 16:16:47.0, 1.1, 37.35N:0.94, 72.06E:0.06, h188km, 6km, mb4.4/31, Error ellipse: s-maj=9.4km s-min=1.7km az=134.0
GFZ 09 16:16:47.3, 0.2, 37.2N:7.2E, h190km, M4.2/20, mb4.2/20, confirmed

IDC 09 16:16:48.2, 1.7, 37.36N:72.11E, h208km, 15km, mb3.5/23, mbmp4.2/29, Error ellipse: s-maj=11.5km s-min=9.8km az=14.0
ISC 09 16:16:48.8, 0.3, 37.25N:0.04, 72.05E:0.04, h200km, n248, c174/278, mb4.2/58, 12C-16D, Tajikistan

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like DRK, DRK, DRK, BTK, BTK, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like KBL, KBL, KBL, NIL, NIL, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like ARSB, ARSB, ARSB, ARK, ARK, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like ASAI, IUG, IUG, ALCI, ALCI, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like NRN, NRN, NRN, CHM, CHM, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like KDJ, KDJ, KDJ, TKM2, TKM2, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like USP, USP, USP, TARG, TARG, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like SGDS, SGDS, WUS, WUS, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like BHK, BHK, BHK, KNDK, KNDK, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like KNDK, KNDK, KNDK, PRZ, PRZ, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like PRZ, PRZ, PRZ, KUU, KUU, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like SMLA, SMLA, SMLA, UZB, UZB, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like UZB, UZB, UZB, KPKS, KPKS, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like KPKS, KPKS, KPKS, SHLS, SHLS, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like SHLS, SHLS, SHLS, PDGK, PDGK, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like ARTI, ARTI, ARTI, ARTI, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like ARTI, ARTI, ARTI, ARTI, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like ARTI, ARTI, ARTI, ARTI, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like ARTI, ARTI, ARTI, ARTI, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like ARTI, ARTI, ARTI, ARTI, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like ARTI, ARTI, ARTI, ARTI, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like ARTI, ARTI, ARTI, ARTI, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like ARTI, ARTI, ARTI, ARTI, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like ARTI, ARTI, ARTI, ARTI, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC. Includes stations like ARTI, ARTI, ARTI, ARTI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Green Lake, Puketiti, Tahuroa Road, etc.

IDC 09 18:17:04.6-0.9, 12:01'S:76.76'W, h77km, 8km, mb3.4/3, mbtmp3.8/5, MS2.5/1, Error ellipse: s-maj=36.0km s-min=17.1km az=58.0

NEIC 09 18:17:05.0-1.6, 12:02'S:76.61'W, h77km, 7km, mb4.1/3, Error ellipse: s-maj=15.7km s-min=8.8km az=195.0

ISC 09 18:17:04.3-0.8, 11.99'S:076.61'W, h73km, n28, r=109/24, mb3.8/4, Central Peru

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Nana, Atahualpa, Cruzero do Su, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Warramunga Arr, Vinchina, Tinogasta, etc.

SJA 09 18:20:01.5-0.7, 28:62'S:68:50'W, h113km, 3km, ML3.5, MW3.6

IDC 09 18:20:03.1-4.3, 28:70'S:68:42'W, h107km, 31km, mb3.7/3, mbtmp4.0/5, Error ellipse: s-maj=57.4km s-min=21.1km az=120.0

ISC 09 18:20:02.6-0.8, 28:63'S:68:53'W, h112km, 6km, n48, r=158/68, La Rioja Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like El Transito, Cerro La Cruz, Maricunga, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Pulau Pagai, Maura Aman, Sungai Dareh, etc.

IDC 09 18:46:55.9-1.2, 4:13'N:126:58'E, h0km, mb3.8/8, mbtmp3.8/8, MS3/2/1, Error ellipse: s-maj=74.1km s-min=16.1km az=65.0

DJA 09 18:46:56.5-1.0, 4:13'N:126:58'E, h17km, 11km, M4.1/11, mb4.0/3, MLV4.1/11

MAN 09 18:47:06.0-4.2, 1'N:126:00'E, h8km, MS3.9

ISC 09 18:46:59.1-0.8, 4:06'N:126:75'E, h10km, n24, r=285/26, mb3.9/8, Talaud Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Don Marcelino, General Santos, Manado, etc.

IDC 09 18:51:29.6-1.7, 4:20'N:127:02'E, h0km, mb3.5/5, mbtmp3.5/5, MS3.3/1, Error ellipse: s-maj=107.8km s-min=21.2km az=70.0

ISC 09 18:51:33.4-1.1, 3.83'N:108:126:2'E, h10km, n11, r=295/14, mb3.5/5, Talaud Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Don Marcelino, General Santos, Kidapawan, etc.

9d 22h

Table with columns for country, name, time, and performance metrics. Includes entries like QSPA South Pole Qui, USRK Ussuriysk Ar, and various other international names.

2020 SEP

Table with columns for country, name, time, and performance metrics. Includes entries like BMAR Burnt Mountain, HILR Hailar Array B, and various other international names.

570

Table with columns for country, name, time, and performance metrics. Includes entries like MORC Moravsky Berou, BMR Baia Mare, and various other international names.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Castelo Branco, Marv??o, Montargil, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OMEN AI SSO del Vol, NADN, CARN Rivas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TXAR Lajitas Array, TX31 Lajitas Ar. Si, WWT Waverly, etc.

THE 09:23:12:28.0, 38°N, 4°2'5"E, h33km, 10km, M2.5/9, MLh2.5/9

AFAD 09:23:12:28.0, 38°51'N-25°58'E, h7km, 5km, ML2.4

ISK 09:23:12:46.1, 38°48'N-26°29'E, h6km, ML2.1/9

ATH 09:23:12:26.0, 38°39'N-25°48'E, h7km, 3km, ML2.7/2

Latitude uncertainty: 1 km; Longitude uncertainty: 0 km, Aegean Sea

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KARB zmir-Karabur, ZEBE Izmir, URLA, etc.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TSN Laguna Tiscapa, COITE Lago Coite, BOAB BOACO BROADBAN, etc.

ISU 10:00:08:07, 40°46'N, 73°38'E, h11km

KRNET 10:00:08:09, 40°1, 40°45'N, 73°31'E, h30km, mb3.2

SOME 10:00:08:10, 40°60'N, 73°55'E, h5km

NINC 10:00:08:11, 1.5, 1.5, 40°56'N, 73°47'E, h0km, mb3.7, mpv3.4

Error ellipse: s-maj=11.9km s-min=5.5km az=172.0

ISC 10:00:08:11, 1.1, 1.1, 40°52'N, 73°49'E, h0.02, h2km, 10km, n68, -1589/108, 31C, 17K, Kyrgyzstan

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Code Station Name, Sufi-Kurgan, Osh, Tashata, etc.

SNET 10:00:03:46.4, 4.5, 11°27'N-85°64'W, h173km, ML3.7

Presumed earthquake

ISC 10:00:03:47.7, 0.6, 11°52'N-85°43'W, h167km, 17km, mb3.4/9

mbmp3.9/10, Error ellipse: s-maj=45.3km s-min=22.6km az=35.0

UCR 10:00:03:48.1, 0.7, 11°15'N-85°95'W, h168km, 10km, MW4.2

Presumed earthquake

CATAC 10:00:03:49.9, 0.3, 11°2'N, 2°8'W, h162km, 2km, M3.8/18

MLh3.8/18, Error ellipse: s-maj=7.2km s-min=2.7km

az=48.9, confirm

NEIC 10:00:03:49.5, 1.1, 11°36'N, 0°06'-85°65'W, h169km, 2km,

az=48.9, confirm

Table with columns: Code, Station Name, Az, El, S, N, P, Time, Res, ISC. Includes stations like KARABASTA, TIEN-SHAN, BOROLDAY, etc.

10d 00:27:39.1±0.8, 11:87N; 124.08E, h0km, mb3.9/12, mbtmp3.9/12, MS3.2/7, Error ellipse: s-maj=40.1km s-min=15.9km az=69.0

MAN 10:00:27:40.0, 11:90N; 124.08E, h4km, MS3.9 MAN INTENSITY II - CATAINGAN MASBATE.

ISC 10:00:27:40.0±0.6, 11.92N; 0.03; 124.06E; 0.04, h10km, n32, #187/39, mb3.8/12, MS3.1/7, Leyte

Table with columns: Code, Station Name, Az, El, S, N, P, Time, Res, ISC. Includes stations like MASBATE, MEDILIN, PALO, LAPU-LAPU, etc.

0.8mm, 0.7s, baz=75, slow=3.4, SNR=3.6 8.1mm, 0.7s SPITS Spitsbergen Ar 81.98 349 P P 00 39 60.0 -0.2

VAO 10:00:36:23.0±0.4, 14:31S; 73:52W, h65km, mb4.2, Presumed earthquake

10:00:36:25.0±1.4, 14:27S; 73:59W, h77km, 13km, mb3.6/9, mbtmp4.0/15, Error ellipse: s-maj=25.9km s-min=9.1km

NEIC 10:00:36:24.2±1.7, 14:39S; 0.1; 10:73:6W; 0.1, h67km, 7km, mb4.3/19, Error ellipse: s-maj=18.1km s-min=9.4km az=48.0

ISC 10:00:36:24.9±0.4, 14:25S; 0.06; 73:49W; 0.06, h85km, n88, #162/91, mb4.2/12, Central Peru

Table with columns: Code, Station Name, Az, El, S, N, P, Time, Res, ISC. Includes stations like NANA, NNA, PB18, etc.

comp=Z, 0.8mm, 0.6s, baz=340, slow=1.3, SNR=5.1 SOMM Songoing Array 146.51 0 PKPbc PKPab 00 55 57.5 -0.2

IDC 10:01:07:09.6±1.0, 37:04N; 72:58E, h0km, mb3.8/18, mbtmp3.8/24, ML3.3/6, MS2.8/3, Error ellipse: s-maj=20.3km s-min=13.4km az=137.0

NNC 10:01:07:12.9±0.7, 38:09N; 72:26E, h0km, mb4.1, mpv3.6, Error ellipse: s-maj=48.2km s-min=38.9km az=5.0

NEIC 10:01:07:21.2±1.3, 37:47N; 0.06; 72:41E; 0.10, h79km, 2km, mb4.2/17, Error ellipse: s-maj=11.2km s-min=8.6km az=93.0

ISC 10:01:07:23.2±0.6, 37:59N; 0.08; 72:50E; 0.07, h100km, n77, #142/72, mb3.8/18, 1C-3D, Tajikistan

Table with columns: Code, Station Name, Az, El, S, N, P, Time, Res, ISC. Includes stations like KARAMYK, BISHKEK, ALAI, etc.

Table with columns: Station Name, Frequency, Class, Mode, Power, and Time. Includes stations like Denali Highway, Reindeer, Home, etc.

Table with columns: Station Name, Frequency, Class, Mode, Power, and Time. Includes stations like Tanana, Edge Creek, Kodiak Island, etc.

Table with columns: Station Name, Frequency, Class, Mode, Power, and Time. Includes stations like Pine Mountain, Pearl Lake, Yreka Blue, etc.

Table with columns: STATION, Name, Az, El, AzE, Phase ID, Time, Res, ISC. Includes stations like OSTO, DPC, AKASG, etc.

Table with columns: Code, Station Name, Az, AzE, Phase ID, Time, Res, ISC. Includes stations like RTV, SANVU, etc.

NOU 10 02:30:01.2, 17.19S, 167.70E, h0km, MLV4.0/14, Vanuatu Islands, Vanuatu Islands

IDC 10 02:33:45.2, 0.7, 0.30N, 24.85W, h0km, mb4.0/11, mbmp4.0/11, MS3.6/20, Error ellipse: s-maj=27.5km s-min=20.2km az=126.0

NEIC 10 02:33:48.5, 1.4, 0.5N, 0.1, 24.9W, 0.1, h10km, 1km, mb4.5/12, Error ellipse: s-maj=22.6km s-min=21.7km az=270.0

ISC 10 02:33:47.3, 0.6, 0.4N, 0.1, 20.2W, 0.1, h10km, n58, r128/36, mb4.4/13, MS3.5/20, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzE, Phase ID, Time, Res, ISC. Includes stations like H10N3, H10N2, etc.

Table with columns: STATION, Name, Az, El, AzE, Phase ID, Time, Res, ISC. Includes stations like MBAR, BOSA, GERES, etc.

IDC 10 02:34:53.2, 3.6, 6.68S, 155.52E, h0km, mb3.6/4, mbmp3.6/4, Error ellipse: s-maj=58.1km s-min=44.5km

IDC 10 02:34:53.2, 3.6, 6.68S, 155.52E, h0km, mb3.6/4, mbmp3.6/4, Error ellipse: s-maj=58.1km s-min=44.5km

Table with columns: Code, Station Name, Az, AzE, Phase ID, Time, Res, ISC. Includes stations like WRA, ASAR, H11S3, etc.

IDC 10 02:26:21.8, 1.3, 36.44N, 140.74E, h0km, mb3.5/6, mbmp3.5/10, ML3.1/4, MS2.9/1, Error ellipse: s-maj=22.6km s-min=14.9km az=71.0

NIED 10 02:26:25.3, 36.48N, 140.66E, h19km, MW3.6, Moment Tensor Solution, s3 Moment tensor: Scale: 10^14Nm, M0: 3.5; Mw: 2.13; Mw1: 1.78; Mw2: 1.46; Mw3: 0.69; Fault plane solution: M3: 2.60000x10^14 Np1: -23.00000; s60.00000; s45.00000; NP2: -290.00000; s85.00000; s150.00000

JMA 10 02:26:25.3, 0.1, 36.56N, 0.1, 140.7E, 0.3, h19km, MD4.1/40, MV4.3/40, NORTHERN IBARAKI PREF

JMA Felt III J1 at NORTHERN IBARAKI PREF

ISC 10 02:26:24.6, 1.5, 36.48N, 0.03, 140.69E, h0.06, h17km, 9gkm, n32, r121/28, mb3.5/6, 8D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzE, Phase ID, Time, Res, ISC. Includes stations like JHYU, JHYU, etc.

Table with columns: STATION, Name, Az, El, AzE, Phase ID, Time, Res, ISC. Includes stations like JHU, JNU, etc.

DJA 10 03:49:32.6, 0.4, 7.3, 12.5E, h488km, 5km, M4.4/25, mb4.5/23, mb4.9/12, MLV4.7/25, Mw(mb)4.2/12, Mw(Mwp)5.6/1, Mwp5.7/1

IDC 10 03:49:34.0, 1.6, 7.7, 16S, 125.10E, h495km, 18km, mb3.1/8, mbmp4.2/12, Error ellipse: s-maj=43.1km s-min=9.9km az=62.0

NEIC 10 03:49:33.9, 1.8, 7.18S, 0.04, 125.0E, h2, h48km, 7km, mb4.5/9, Error ellipse: s-maj=23.6km s-min=2.8km az=78.0

ISC 10 03:49:33.7, 0.5, 7.27S, 0.07, 124.82E, 0.10, h500km, m61, r173/58, mb3.7/10, Banda Sea

Table with columns: Code, Station Name, Az, AzE, Phase ID, Time, Res, ISC. Includes stations like SOEI, SOEI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like QSPA South Pole Qui, ARPR Arapir-MALATI, D19K Kuna River, etc.

CATAC 10 03:56:25.5±0.8, 10°N, 2°W, h28km, 6km, M3.3/11, MLv3.3/11, Error ellipse: s-maj=5.2km s-min=2.5km az=6.9, confirmed

UPA 10 03:56:25.5±1.6, 9°59'N, 82°00'W, h38km, 7km, MW3.3, Fault plane solution: N170°E, 0.00000°, δ57.00000°, 1-122.00000°, Presumed earthquake

ISC 10 03:56:24.7±1.3, 9.58N, 0.03E, 81.97W, 0.02, h25km, 13km, 143, c192/80, 9C-6D, Panama

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations like CN12, RBALA, KNTTU, etc.

IDC 10 03:58:26.3±0.6, 7°51'S, 126°64'E, h0km, mb4.4/14, mbtmp4.4/18, ML4.2/4, MS3.4/3, Error ellipse: s-maj=19.6km s-min=9.8km az=72.0

NEIC 10 03:56:24.7±1.3, 9.58N, 0.03E, 81.97W, 0.02, h25km, 13km, mb4.5/23, Error ellipse: s-maj=9.1km s-min=2.1km az=58.0

ISC 10 03:58:31.1±0.4, 7.71S, 0.05E, 126.80E, 0.06, h52km, n87, c187/84, mb4.5/29, 1D, Banda Sea

Table of station data for Banda Sea region with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SOEI, SAUI, MMRI, etc.

Table of station data for Tennant Creek region with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WRAB, WRA, WRAA, etc.

ASAR 1.3nm, 0.3s, baz=329, slow=25, SNR=11, 2.8nm, 0.6s

ASAR Alice Springs 17.27 156 AML AML 04 02 29.7 0.0

ASAR Alice Springs 17.28 157 P P 04 02 30.3 +0.4

ASAR Alice Springs 17.29 157 P P 04 02 35.9 +0.3

ASAR Alice Springs 17.29 157 P P 04 02 35.9 +0.3

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ASAR Alice Springs 17.29 157 P P 04 02 35.9 +0.3

Table of station data for KLDL region with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KLDL, MATW, MRNZ, etc.

KLDL Matariki Wadsw 0.42 7 P S 04 01 49.7 0.0

KLDL Matariki Terra 0.46 12 P S 04 01 46.7 -3.0

KLDL Matariki Terra 0.46 12 P S 04 01 46.7 -3.0

KLDL Matariki Terra 0.46 12 P S 04 01 46.7 -3.0

KLDL Matariki Terra 0.46 12 P S 04 01 46.7 -3.0

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KLDL Matariki Terra 0.46 12 P S 04 01 46.7 -3.0

KLDL Matariki Terra 0.46 12 P S 04 01 46.7 -3.0

WEL 10 04:35:19.6±0.5, 42°S, 2°W, h59km, 5km, M2.9/12, ML2.8/13, MLv2.9/12, Error ellipse: s-maj=3.9km s-min=2.8km az=124.4, confirmed

NOU 10 04:35:19.2±1.1, 87°S, 172°49'E, h48km, MLv3.6/12, South Island, New Zealand

ISC 10 04:35:18.7±1.3, 4.185S, 0.03E, 172.63E, 0.03, h81km, 6km, n74, c1905/92, South Island

Table of station data for South Island region with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like THZ, THZ, THZ, etc.

HLW 10 04:54:15.6±25.89N, 35.48E, h5km, 3km, M2.6

SGS 10 04:54:18.1±25.90N, 35.75E, h14km, M2.3

URD15 10 04:54:13.1±1.1, 25.93N, 0.04E, 35.62E, 0.05, h10km, n28, c1900/30, Red Sea

Table of station data for Red Sea region with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like EWJHS, EWJHS, EWJHS, etc.

SDD 10 04:56:05.2±1.8, 17°96N, 67°01W, h17km, 3km, MD2.7

ML3.5, MW3.2, Presumed earthquake
NEIC 10 04:56:05.1, 17.83N, 03:67.05W, 0.02, h10km, 1km,
ML3.8/27, MD3.4/(RSPR), Error ellipse: s-maj=4.8km
s-min=2.9km az=203.0

PTWC 10 04:56:06, 18:00N, 67:00W, M3.7/11, PUERTO RICO
REGION

RSPR 10 04:56:07.5, 17:97N, 67:01W, h7km, MD3.4/9
ISC 10 04:56:06.1, 1.2, 17.92N, 05:67.03W, 0.02, h14km, 5km,
n57, r055074, 10C-13D, Mona Passage

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like MLPR Magueyes Islan, CRPR Cabo Rojo, GBPR Guanica, OBIP Obispado Ponce, etc.

Table with columns: DRME, Peshkopia, Brajaci-Budva, Podgorica, Vlor, etc. Includes stations like DRME Peshkopia, BUM Brajaci-Budva, PDG Podgorica, VLO Vlor, etc.

Table with columns: BZS, GZR, AQU, MORH, BOJS, ARR, CEV, MARR, VOJS, SOKA, OBKA, MLR, MLR, ARSA, RONA, MYKA, CONA, KBA, ABTA, MOA, BIOA, IDI, IDI, LESA, WTTA, WATA, SQT, FETA, MOTA, GERES, GERES, DAVOX, BRTR, NOA, FINES, BVAR, ZALV, NRK, MKAR, SJA, Code, Station Name, Delta A, AZ, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like BZS Buzias, GZR Gura Zlata, AQU Al'Quila, MORH Mragy, BOJS Bojanci, ARR Arges, CEV Cerknica, MARR Marisel-Cluj, VOJS Vojsko, SOKA Soboth, OBKA Obitr, MLR Muntele Rosu, MLR Muntele Rosu, ARSA Arzberg, RONA Rosalia, MYKA Terra Mystica, CONA Conrad Observa, KBA Koelnbreinspre, ABTA Abtaltersbach, MOA Mollin, BIOA Bad Ischl, IDI Anoyia, IDI Anoyia, LESA Schwarzloetel, WTTA Wattenberg, WATA Walderalm, SQT Sankt Quirin, FETA Felchtal, MOTA Moosalm, GERES GERESE Array B, DAVOX Davos/Dischmat, BRTR Keskin Array B, NOA NORSAR Array B, FINES FINESS Array B, BVAR Brovovoye Array, ZALV Zalesnovs Beam, NRK Norik, MKAR Makanchi Array, SJA SJA 10 05:14:40, Code, Station Name, Delta A, AZ, Phase ID, Op, ISC, Time Res, h m s, ISC.

IDC 10 05:24:37.6;2.3,35.88N;140.116E,h75km,18km,mb3.4/6, mbtmp3.7/8,MS3.0/1,Error ellipse: s-maj=29.5km

JMA 10 05:24:37.4;0.1,36.0N;02:140.2E;0.3,h61km,MV3.3/38, SOUTHERN IBARAKI PREF

JMA Felt J1 at SOUTHERN IBARAKI PREF

ISC 10 05:24:37.0;0.8,35.95N;0.04;140.15E;0.05,h67km,7km, n26,c078/29,mb3.7/6,6D,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JYT Yasato, JYU Itakohorinouch, JSUMI Infrason, JAG Ashikaga, etc.

ASRS 10 06:00:21.0;1.0,54.11N;86.51E,h0km,M2.5(MOS),The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022.

IDC 10 06:00:24.9;3.6,54.11N;86.37E,h0km,mbtmp3.1/2, ML2.8/2,Error ellipse: s-maj=31.2km s-min=14.2km az=72.0,Southeastern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU Zalesovo Infra, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

IDC 10 06:06:14.3;1.1,33.12N;73.72E,h0km,mb3.7/9, mbtmp3.8/12,ML3.5/3,MS3.4/2,Error ellipse: s-maj=34.0km s-min=17.1km az=74.0

NDI 10 06:06:19.9;2.9,32.87N;73.67E,h10km,ML4.0,MW3.7, Presumed earthquake

ISC 10 06:06:16.5;0.9,33.11N;07:73.65E;0.07,h15km,n21,c206/27,mb3.8/7,1C-3D,Pakistan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JMU Jammu, DHAM DHARAMSHALA, ALCI Alchi Leh, SMLA Simla, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BVAR Borovoye Array, AKTO Aktyubinsk, ZALV Zalesovo Beam, GNI Gani, etc.

TIR 10 06:12:17.6;40.48N;20.89E,h8km,2km,ML2.6/4 PDG 10 06:12:18.5;0.3,40.49N;20.83E,h2km,1km,ML2.7/7, Error ellipse: s-maj=0.7km s-min=0.9km az=0.0

THE 10 06:12:18.1;40.1N;1.2E,h2km,1km,ML2.5/11, MLH2.5/11

ATH 10 06:12:19.7;40.39N;20.89E,h13km,2km,ML2.6/6, Latitude uncertainty: 3 km; Longitude uncertainty: 2 km

SKO 10 06:12:20.2;40.51N;20.80E,h19km,ML1.9, Error ellipse: s-maj=0.9,40.49N;0.02;20.84E;0.02,h7km,6km, n56,c142/82,5C-2D,Greece-Albania border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KBN Korca, KBN Korca, KBN Korca, etc.

GRG Griva, GRG Griva, THL Klokotos Trika, THL Klokotos Trika, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GRC Griva, GRG Griva, THL Klokotos Trika, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZAGS Zajecar, TRUS Trudelj.

AZER 10 06:48:03.7;41.61N;46.76E,h20km,ml2.7 TIF 10 06:48:03.4;41.69N;46.89E,h25km MOS 10 06:48:04.0;41.69N;46.90E,h22km,MPVA3.7

DRS 10 06:48:05.1;41.65N;46.84E,h18km NORS 10 06:48:05.4;41.69N;46.82E,h10km,MPVA3.3

ISC 10 06:48:05.2;0.8,41.65N;02:46.82E;0.02,h16km,6km, n42,c106/84,Eastern Caucasus

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZKTA Zakatala, ZKTA Zakatala, LGD Lagodekhi, etc.

CATAC 10 06:52:45.7;0.6,14.1N;3.9W;2W, h26km,4km,ML3.4/19, MLV3.4/19, Error ellipse: s-maj=8.4km s-min=4.3km az=39.7, confirmed

GCG 10 06:52:46.2;1.9,14.00N;91.74W,h40km,9km,MD4.2, Presumed earthquake

SNET 10 06:52:47.1;1.6,14.02N;91.69W,h36km,ML3.3, Presumed earthquake

ISC 10 06:52:46.7;3.1,13.97N;07:08.9167W;0.08,h27km,24km, n32,c192/56,Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RTAL Retalhuleu, RTAL Retalhuleu, STGB El Palmar, Qui, etc.

10d 8h

Table with columns for station code, name, elevation, frequency, and other technical details. Includes stations like JOW CMSA, JMW, CD2, GUMO, etc.

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Table with columns for station code, name, elevation, frequency, and other technical details. Includes stations like SONM, SONM, JTM, JTM, WUS, WUS, etc.

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Table with columns for station code, name, elevation, frequency, and other technical details. Includes stations like FRU1, FRU1, KUU, KUU, KUU, etc.

Table with columns: ARTI, comp-Z, 11nm, 0.6s, 77.91 333c, pP, P, 08 38 46.4, 0.0, 08 39 09.4, -2.5, 08 48 32.6, +1.2, 08 53 30.8, -3.7

Table with columns: MNK, comp=E, 2um, 19.0s, /LRM, MLR, 09 24 39.8, JBT2, JCH, Churui, 0.61 144, P, S, Sn, 08 43 23.3, -0.1

Table with columns: JBT2, JCH, Churui, 0.61 144, P, S, Sn, 08 43 23.3, -0.1, JAB, Ashibetsu, 0.62 170, P, P, Pn, 08 43 07.2, 0.0

Table with columns: HEL 10 08:48:26.5:0.3, 67:17N:20:54E, h0km, ML1,2, Suspected explosion, Sweden, Code, Station Name, A^, AZ^, Phase ID, Time, Res

Table with columns: HEL 10 08:48:32.8:0.1, 63:76N:24:19E, h0km, ML1,3, Explosion, Finland, Code, Station Name, A^, AZ^, Phase ID, Time, Res

MORH Mrgy, Hungar 3.12 356 ePn Pn 09 32 38.4 +0.6
SRS Serrai 3.97 118 ePn Pn 09 32 51.8 +2.3

IDC 10 09:32:27.2.3.1, 33.355:177.71W, h0km, mb3.8/2,
mbtmp3.8/4, ML3.3/2, MS3.2/4, Error ellipse: s-maj=73.8km
s-min=40.5km az=119.0
NEIC 10 09:32:32.5.1.2, 34.0S:0.1x1.78:3W:0.2, h10km, 2km,
mb4.1/6, Error ellipse: s-maj=31.6km s-min=14.2km
az=112.0

ISC 10 09:32:36.9.0.8, 34.00S:0.09:178.3W:0.1, h37km, n22,
+192/32, mb4.1/9, MS3.5/3, 5C-2D, South of Kermadec
Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

GCG 10 09:57:32.1.1.2, 14.34N:90.33W, h13km, 13km, MD3.6,
Presumed earthquake
CATAC 10 09:57:33.7.0.7, 14.1N:2.9W, h8km, 2km, M2.4/11,
ML2.4/11, Error ellipse: s-maj=7.5km s-min=5.1km
az=101.3, confirmed
SNET 10 09:57:35.8.3.4, 14.18N:90.20W, h8km, ML2.5,
Presumed earthquake
ISC 10 09:57:33.5.1.1, 14.32N:0.03:90.18W:0.02, h8km, 10km,
n25, +1925/40, Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations in Guatemala and surrounding regions.

HEL 10 09:59:46.9.2.0, 64.66N:30.78E, h0km, ML2.1, Suspected
explosion
IDC 10 09:59:47.6.2.3, 64.63N:30.94E, h0km, mbtmp3.1/4,
ML2.4/4, Error ellipse: s-maj=27.3km s-min=10.2km
az=102.0
BER 10 09:59:48.5.3.8, 64.65N:30.75E, h0km, ML1.9,
ML2.1(1E1L) Suspected explosion
KOLA 10 09:59:49.9.64.83N:30.53E, h0km, ML2.1, Error ellipse:
s-maj=15.7km s-min=8.9km az=150.0, Karelia
ISC 10 09:59:46.0.9.64.68N:0.03:30.70E:0.04, h0km, n59,
+197/92, Finland-Karelia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations in Finland and Karelia.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous seismic stations across various regions including Finland, Iceland, and the North Atlantic.

IDC 10 10:30:26.4.0.5, 34.33N:25.03E, h0km, mb4.3/23,
mbtmp4.3/35, ML4.2/12, MS3.4/29, Error ellipse:
s-maj=11.1km s-min=8.0km az=18.0
ISK 10 10:30:26.9.34.17N:25.19E, h6km, ML4.0/24
MOS 10 10:30:26.3.1.3, 34.22N:25.16E, h11km, mb4.7/35, Error
ellipse: s-maj=5.1km s-min=2.9km az=104.3
NEIC 10 10:30:28.3.2.3, 34.23N:0.05:25.06E:0.07, h10km, 1km,
mb4.4/39, Error ellipse: s-maj=10.4km s-min=7.8km
az=245.0
GFZ 10 10:30:29.8.0.3, 34.1N:3.2E, h27km, M4.5/54,
mb4.5/54, Mw4.2/14, confirmed
ATH 10 10:30:29.2.34.27N:25.11E, h12km, 4km, ML3.9/23,
Latitude uncertainty: 3 km; Longitude uncertainty: 1 km
BGR 10 10:30:29.7.2.1, 34.63N:25.40E, h10km, mb4.3, Error
ellipse: s-maj=65.6km s-min=44.5km az=48.0
THE 10 10:30:30.1, 34.9N:2.5E, h4km, 4km, M3.9/13,
ML3.9/13
Gll 10 10:30:31.9.0.0, 33.99N:0.02:25.456E:0.007, h0km,
Mws4.3, confirmed
AFAD 10 10:30:34.5, 34.57N:25.37E, h10km, 6km, ML3.2
NAO 10 10:30:39.8, 34.83N:19.90E, h10km, MB4.2

ISC 10 10:30:27.9.0.8, 34.19N:0.04:25.15E:0.03, h12km, 4km,
n529, +1959/564, mb4.5/72, MS3.5/25, 9C-10D, Crete

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations in Crete and the Eastern Mediterranean region.

10d 10h

MULA	S	Sn	10 32 13.5 -2.7
MULA	IAML		10 32 18.0
comp=E,130nm,0.4s			
MULA	IAML		10 32 20.0
comp=N,63nm,0.7s			
IZZE	4.02 55	Pn	10 31 30.3 +1.0
IZZE	S	Sn	10 32 13.7 -2.7
IZZE	IAML		10 32 16.0
comp=N,466nm,0.3s			
IZZE	IAML		10 32 17.0
FETY	4.04 52	Pn	10 31 30.2 +0.6
FETY	P	Pn	10 31 32.4 +2.9
FETY	P	Pn	10 32 14.7 +2.2
FETY	P	Pn	10 31 30.8 +0.7
SABU	4.08 49	Pn	10 32 12.7 -5.1
SABU	S	Sn	10 32 21.0
SABU	IAML		10 32 24.0
comp=N,84nm,0.6s			
SABU	IAML		10 32 24.0
comp=E,85nm,0.8s			
DGB	4.11 20	P	10 31 30.3 -0.2
DGB	S	Pn	10 32 13.7 -4.7
DGB	IAML		10 32 18.0
comp=N,46nm,0.8s			
DGB	IAML		10 32 19.0
comp=E,18nm,0.3s			
AYDN	4.12 32	P	10 31 32.7 +2.0
AYDN	S	Sn	10 32 17.6 -1.2
AYDN	IAML		10 32 25.0
comp=E,64nm,1.1s			
AYDN	IAML		10 32 26.0
AYDN	P	Pn	10 31 33.1 +2.4
AYDN	Pn	Pn	10 31 32.3 +0.6
AKAS	4.12 32	P	10 31 32.7 +1.1
AKAS	P	Pn	10 31 33.2 +1.5
AKAS	P	Pn	10 31 31.9 -0.1
LTK	4.22 336	AML	10 31 33.9 +1.3
LTK	AML	AML	10 31 33.0 +0.4
CHOS	4.26 10	Pn	10 31 33.3 +1.0
CHOS	P	Pn	10 31 32.4 -0.7
CHOS	P	Pn	10 31 33.8 +0.2
CHOS	AML	AML	10 31 35.7 +1.5
CHOS	AML	AML	10 31 34.7 +0.3
CHOS	AML	AML	10 31 35.9 +1.4
CHOS	AML	AML	10 31 37.2 +2.1
CHOS	AML	AML	10 32 25.3 -1.5
CHOS	AML	AML	10 32 32.0
comp=N,35nm,0.5s			
ESEN	IAML		10 32 36.0
comp=E,28nm,0.4s			
BLCB	4.46 20	Pn	10 31 36.8 +1.4
BLCB	P	Pn	10 31 37.1 +1.3
BLCB	P	Pn	10 32 21.5 +6.4
BLCB	IAML		10 32 29.0
comp=N,65nm,0.3s			
KNIK	IAML		10 32 32.0
comp=E,60nm,0.7s			
TAVA	4.48 42	Pn	10 31 37.5 +1.8
TAVA	S	Sn	10 32 21.5 -6.3
TAVA	IAML		10 32 33.0
comp=N,64nm,0.8s			
TAVA	IAML		10 32 33.0
comp=E,46nm,0.3s			
CAEL	4.49 48	P	10 31 36.8 +0.9
CAEL	S	Pn	10 32 28.1 0.0
CAEL	IAML		10 32 38.0
comp=E,274nm,0.9s			
CAEL	IAML		10 32 39.0
comp=N,239nm,0.9s			
KYMI	4.52 350	P	10 31 36.1 0.0
KYMI	P	Pn	10 31 36.7 +0.1
KYMI	AML	AML	10 31 38.4 +1.8
KYMI	AML	AML	10 31 39.8 +1.7
KYMI	AML	AML	10 31 39.8 +1.7
KYMI	AML	AML	10 31 40.1 +1.9
KYMI	AML	AML	10 32 32.4 0.0
KYMI	AML	AML	10 32 37.0
comp=N,75nm,0.3s			
DNIZ	IAML		10 32 39.0
comp=E,151nm,0.3s			
APMY	4.71 45	Pn	10 31 40.6 +1.8
APMY	AML	AML	10 31 38.9 0.0
APMY	AML	AML	10 31 39.6 -0.1
APMY	AML	AML	10 31 41.4 +1.4
APMY	AML	AML	10 32 31.0 -4.5
APMY	AML	AML	10 32 41.0
comp=N,32nm,0.9s			
KIRA	IAML		10 32 43.0
comp=E,28nm,0.7s			
ATAL	4.81 340	P	10 31 40.1 -0.1
ATAL	AML	AML	10 31 40.5 -0.3
ATAL	AML	AML	10 31 42.0 +0.5
ATAL	AML	AML	10 31 42.9 +0.2
ATAL	AML	AML	10 31 45.2 +2.0
ATAL	AML	AML	10 31 45.6 +1.2
ATAL	AML	AML	10 31 45.6 +1.1
ATAL	AML	AML	10 31 48.8 +2.7
ATAL	AML	AML	10 31 47.7 +0.4
comp=E,37nm,0.8s			
XOR	5.40 344	P	10 31 50.4 +2.1
XOR	P	Pn	10 31 51.5 +2.5
XOR	AML	AML	10 31 51.9 +2.2
XOR	AML	AML	10 31 51.8 +2.1
XOR	AML	AML	10 31 54.4 +2.3
XOR	AML	AML	10 31 53.6 +1.5
XOR	AML	AML	10 31 53.6 +1.5
XOR	AML	AML	10 31 55.2 +0.8
comp=N,99nm,0.9s			
BASM	5.45 45	Pn	10 31 51.9 +2.2
BASM	AML	AML	10 31 51.8 +2.1
BASM	AML	AML	10 31 54.4 +2.3
BASM	AML	AML	10 31 53.6 +1.5
BASM	AML	AML	10 31 53.6 +1.5
BASM	AML	AML	10 31 55.2 +0.8
comp=N,11nm,0.8s			
BALB	5.87 21	Pn	10 31 57.3 +2.7
BALB	Pn	Pn	10 31 57.0 +2.0
comp=N,99nm,0.9s			
LIT	6.27 341	P	10 32 00.4 +0.1
LIT	P	Pn	10 32 00.4 +0.1
LIT	P	Pn	10 32 02.4 +2.1
comp=N,229nm,0.7s			
IGT	6.58 326	P	10 32 06.1 +1.6
HORT	6.60 346	P	10 32 06.9 +2.0
comp=N,39nm,1.0s			
SOH	6.78 348	P	10 32 05.3 -1.9
SOH	P	Pn	10 32 05.3 -1.9
SOH	P	Pn	10 32 07.1 -0.3
SOH	P	Pn	10 32 09.6 +2.1
comp=N,33nm,0.6s			
CSS	6.79 81	P	10 32 07.1 -0.3
CSS	AML	AML	10 32 22.5 -2.3
CSS	AML	AML	10 32 08.7 -1.3
CSS	AML	AML	10 32 12.3 +1.7
CSS	AML	AML	10 32 12.3 +1.7
comp=N,21nm,1.0s			
KNT	7.19 346	P	10 32 17.0 +4.2
KNT	P	Pn	10 32 20.8 +0.5
KNT	P	Pn	10 32 34.7 -1.0
KNT	P	Pn	10 32 30.1 +1.2
KNT	P	Pn	10 32 30.1 +1.2
comp=N,10nm,1.0s			
OFRI	8.37 98	P	10 32 28.5 -0.6
OFRI	S	Pn	10 32 39.7 -4.0
OFRI	S	Pn	10 32 28.6 -0.6
OFRI	S	Pn	10 32 29.2 -0.1

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KZIT	8.47 110	P	Pn	10 32 31.3 +0.9
KZIT	comp=Z,11m,comp=Z,32nm,0.8s	P	Pn	10 32 31.2 +0.9
KZIT	8.47 110	P	Pn	10 32 29.8 -0.6
KZIT	8.47 110	P	Pn	10 34 01.9 -4.1
CEL	8.51 301	P	Pn	10 32 30.6 -0.5
CEL	8.51 301	P	Pn	10 32 31.3 +0.3
comp=Z,37nm,0.8s				
AMAZ	8.63 105	P	Pn	10 32 33.5 +0.8
comp=Z,55nm,0.7s				
MMA0B	8.64 95	P	Pn	10 32 32.5 -0.2
MMA0B	P	Pn	10 34 06.8 -3.4	
MMA0B	P	Pn	10 32 32.5 -0.3	
MMAI	8.64 95	Pn	Sn	10 34 05.4 -4.8
comp=Z,7.1nm,0.3s,baz=286,slow=15,SNR=11				
MMAI	8.64 95	Pn	Sn	10 34 05.4 -4.8
comp=Z,6.7nm,0.3s,baz=286,slow=21,SNR=2.4				
MMAI	8.69 101	AML	AML	10 32 35.4 +2.0
MMAI	8.69 101	AML	AML	10 32 35.4 +2.0
SALP	8.69 101	AML	AML	10 32 35.4 +2.0
comp=Z,895nm,comp=Z,29nm,0.7s				
BRTR	8.76 48	P	Pn	10 32 34.6 +0.1
BRTR	8.76 48	P	Pn	10 32 34.6 +0.1
comp=Z,0.4nm,0.3s,baz=237,slow=16,SNR=11				
BRTR	8.76 48	P	Pn	10 34 08.2 -5.1
comp=Z,0.1nm,0.3s,baz=228,slow=15,SNR=1.5				
BRTR	8.76 48	P	Pn	10 32 35.4 +0.9
comp=Z,360nm,18.3s,baz=238,slow=44				
BRTR	8.76 48	P	Pn	10 32 35.4 +0.9
comp=Z,1.9nm,0.7s				
BRTR	8.76 48	P	Pn	10 32 33.8 -0.7
BRTR	8.76 48	P	Pn	10 32 35.8 +1.3
BRTR	8.76 48	P	Pn	10 32 34.1 -0.6
BRTR	8.76 48	P	Pn	10 34 10.2 -3.3
BRTR	8.76 48	P	Pn	10 32 34.1 -0.7
BRTR	8.76 48	P	Pn	10 34 09.6 -4.1
BRTR	8.76 48	P	Pn	10 34 12.4 -0.6
BRTR	8.76 48	P	Pn	10 34 10.8 -3.4
BRTR	8.76 48	P	Pn	10 32 35.0 -0.2
BRTR	8.76 48	P	Pn	10 34 10.8 -3.7
BRTR	8.76 48	P	Pn	10 32 36.3 +0.4
BRTR	8.76 48	P	Pn	10 34 12.9 -2.5
BRTR	8.76 48	P	Pn	10 32 35.9 -0.1
BRTR	8.76 48	P	Pn	10 34 12.4 -3.6
BRTR	8.76 48	P	Pn	10 32 35.3 -0.8
BRTR	8.76 48	P	Pn	10 34 10.8 -5.4
BRTR	8.76 48	P	Pn	10 32 38.9 +2.2
BRTR	8.76 48	P	Pn	10 32 38.9 +2.0
BRTR	8.76 48	P	Pn	10 32 36.9 -0.6
BRTR	8.76 48	P	Pn	10 34 14.3 -4.4
BRTR	8.76 48	P	Pn	10 32 37.2 -0.6
BRTR	8.76 48	P	Pn	10 34 15.2 -4.0
BRTR	8.76 48	P	Pn	10 32 41.4 +2.9
BRTR	8.76 48	P	Pn	10 32 39.0 +0.5
BRTR	8.76 48	P	Pn	10 32 37.8 -0.7
BRTR	8.76 48	P	Pn	10 34 16.1 -4.4
BRTR	8.76 48	P	Pn	10 32 42.1 +1.9
BRTR	8.76 48	P	Pn	10 32 42.3 +2.1
BRTR	8.76 48	P	Pn	10 32 42.7 +1.8
BRTR	8.76 48	P	Pn	10 32 43.3 +2.4
BRTR	8.76 48	P	Pn	10 32 40.0 -0.9
BRTR	8.76 48	P	Pn	10 34 20.4 -4.4
BRTR	8.76 48	P	Pn	10 32 41.7 +0.2
BRTR	8.76 48	P	Pn	10 32 39.3 -2.7
BRTR	8.76 48	P	Pn	10 34 16.9 -1.0
BRTR	8.76 48	P	Pn	10 32 44.0 +1.4
BRTR	8.76 48	P	Pn	10 32 43.5 +0.9
BRTR	8.76 48	P	Pn	10 32 41.5 -1.0
BRTR	8.76 48	P	Pn	10 34 23.0 -4.8
BRTR	8.76 48	P	Pn	10 32 43.1 -0.6
BRTR	8.76 48	P	Pn	10 34 25.0 -4.0
BRTR	8.76 48	P	Pn	10 32 44.0 -0.2
BRTR	8.76 48	P	Pn	10 34 26.8 -3.8
BRTR	8.76 48	P	Pn	10 32 44.6 +0.5
BRTR	8.76 48	P	Pn	10 32 44.5 +0.3
BRTR	8.76 48	P	Pn	10 32 43.4 -0.7
BRTR	8.76 48	P	Pn	10 34 25.6 -4.9
BRTR	8.76 48	P	Pn	10 32 46.5 +1.7
BRTR	8.76 48	P	Pn	10 32 45.5 +0.2
BRTR	8.76 48	P	Pn	10 32 42.4 +0.2
BRTR	8.76 48	P	Pn	10 34 41.8 -3.2
BRTR	8.76 48	P	Pn	10 32 57.3 -2.2
BRTR	8.76 48	P	Pn	10 33 08.7 -0.6
BRTR	8.76 48	P	Pn	10 38 13.7
BRTR	8.76 48	P	Pn	10 33 13.4 -1.6
BRTR	8.76 48	P	Pn	10 33 32.0 +3.2
BRTR	8.76 48	P	Pn	10 33 29.6 +0.3
BRTR	8.76 48	P	Pn	10 33 31.0 -0.2
BRTR	8.76 48	P	Pn	10 33 34.8 +2.5
BRTR	8.76 48	P	Pn	10 33 30.9 -2.4
BRTR</				

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like THIG, TGIG, UGUV, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like AOVV, MAVM, CAIG, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like V55A, SDV, ALQ, ANMO, etc.

MAN 10 13:20:44.0, 7.32N-126.97E, h6km, MS3.5, Mindanao. Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CDOP, BIFP, DMHP, etc.

NDS	Dangshan	0.32 191	P	Pn	13 24 00.4 +0.3	EHY	Hungye	1.50 196	eP	Pn	13 24 09.1 -1.0	TWK1		eS	Sn	13 25 05.6 -2.0	
NDS				Sn	13 24 13.4 -0.3	EHYH			eS	Sn	13 24 30.6 -0.8	TWKBT	Hengchun	3.13 197	eP	Pn	13 24 31.1 +0.7
ANP	Anpu	0.33 314	P	Sn	13 24 00.1 -0.2	EHYH	Wanrong	1.51 196	eP	Sn	13 24 09.6 -0.5	TWKBT		eS	Pn	13 25 05.3 -2.3	
ANP				Sn	13 24 13.3 -0.7	EHYH			eS	Sn	13 24 29.8 -1.7	TSEB	Hengchun, Pin	3.15 195	eP	Sn	13 24 30.7 +0.1
TWY	Chenhua	0.36 333	iP	Sn	13 24 00.4 +0.1	WHYT	Xinyi Township	1.51 214	iP	Sn	13 24 10.8 +0.6	JMJ	Miyako jima 2	3.19 92	eS	Pn	13 25 06.5 -1.4
SNY				Sn	13 24 13.9 -0.1	WHYT			eS	Sn	13 24 31.9 +0.1	JMJ	Miyako jima 2	3.19 92	S	Sn	13 24 32.0 +0.6
TWS1	Kuangyinshan	0.36 294	P	Sn	13 24 00.4 +0.2	YUS	Yu-Shan	1.64 208	P	Sn	13 24 13.0 +0.8	JMJ	Miyako jima 2	3.19 92	S	Sn	13 25 09.8 +0.8
TWS1				Sn	13 24 13.5 -0.4	YUS			eS	Sn	13 24 35.1 0.0	JMJ	Miyako jima 2	3.19 92	P	Sn	13 24 32.3 +1.2
ENTT	Nioudou	0.37 212	iP	Sn	13 24 00.3 0.0	EYUL	Yuli	1.65 195	eP	Sn	13 24 11.5 -0.4	JMJ2		eS	Sn	13 25 08.1 -0.8	
ENTT				Sn	13 24 13.2 -0.9	EYUL			eS	Sn	13 24 35.4 +0.9	JMJ2	Miyako jima3	3.23 93	P	Sn	13 24 32.7 +1.1
NTST	Danshui	0.37 305	P	Sn	13 24 00.4 +0.1	WRL	Guolierlin Hig	1.66 231	iP	Sn	13 24 11.9 +0.1	JMJ2		eS	Sn	13 25 09.4 -0.4	
NTST				Sn	13 24 13.9 -0.4	WRL			eS	Sn	13 24 32.9 +0.1	JMG	Gusukube	3.30 93	eP	Sn	13 24 34.0 +1.5
EDN	Datong Townshi	0.43 215	iP	Sn	13 24 00.6 0.0	ECBN	Changbin	1.66 191	iP	Sn	13 24 12.3 +0.4	AXDP	Jialung	3.46 270	iP	Pn	13 25 04.9 +0.2
NDT				Sn	13 24 13.0 -1.5	ECBN			S	Sn	13 24 34.6 +0.1	ZPLA	Ao Xicun	3.81 255	P	Pn	13 24 39.8 +0.4
NTY	Taoyuan	0.44 276	iP	Sn	13 24 00.7 +0.1	RLNB	Erlin	1.68 231	P	Sn	13 24 12.4 +0.3	SXFK	Yanhouchang	4.00 292	P	Pn	13 24 42.0 +0.2
NYS				Sn	13 24 13.9 -0.6	RLNB			S	Sn	13 24 34.5 -0.4	DSXP	Dongshan	4.16 254	P	Pn	13 24 44.5 +0.5
YHNB	Yeheng	0.47 233	iP	Sn	13 24 00.3 -0.6	WGR	Gukeng	1.68 222	S	Sn	13 24 12.7 +0.5	JOW	Kunigami	6.14 71	P	Pn	13 25 09.9 -0.5
YHNB	Yeheng	0.47 233	iP	Sn	13 24 00.5 -0.3	CHNS	Tsauling	1.69 217	iP	Sn	13 24 12.7 +0.4	JOW		7.9nm,0.5s,baz=132,slow=18,SNR=31	S	Sn	13 26 16.7 -2.7
YHNB				Sn	13 24 13.4 -1.6	CHNS			S	Sn	13 24 35.1 -0.2	JOW		15nm,0.2s,baz=102,slow=25,SNR=1.2	S	Sn	13 25 06.7 -0.7
NSK	Sanguang	0.47 235	iP	Sn	13 24 00.6 -0.3	ALS	Alishan	1.69 212	P	Sn	13 24 13.1 +0.5	JOW	Kunigami	6.14 71	eP	Pn	13 25 09.7 -0.7
NSK				Sn	13 24 13.5 -1.6	ALS			S	Sn	13 24 36.2 +0.4	JOW	Kunigami	6.14 71	eS	Pn	13 25 10.0 -0.5
ROSG	Datong	0.48 209	iP	Sn	13 24 01.1 +0.2	WDLH	Douliu	1.70 222	iP	Sn	13 24 12.8 +0.5	JOW			S	Pn	13 26 16.9 -2.6
LATG				Sn	13 24 14.8 -0.4	WDLH			S	Sn	13 24 35.8 +0.4	JMZ	Minamidaito 2	8.58 82	eP	Pn	13 25 40.7 -2.7
EWUT	Wuta	0.51 181	P	Sn	13 24 01.3 +0.4	CHKH	Chenggong	1.79 192	P	Sn	13 24 13.4 0.0	KSRS	Korea Array	13.52 21	P	Pn	13 26 50.5 +1.8
EWUT				Sn	13 24 15.7 +0.5	CHKH			S	Sn	13 24 37.2 -0.1	JMZ	Minamidaito 2	8.58 82	eP	Pn	13 25 40.7 -2.7
ENAT	Nanau	0.52 184	eP	Sn	13 23 59.1 -2.0	TKU	Tuku	1.79 226	iP	Sn	13 24 13.7 +0.2	KSRS	Korea Array	13.52 21	P	Pn	13 26 50.5 +1.8
ENAT				Sn	13 24 14.3 -1.1	TKU			S	Sn	13 24 37.0 -0.4	JMZ	Minamidaito 2	8.58 82	eP	Pn	13 25 40.7 -2.7
NCU	National Centr	0.54 272	iP	Sn	13 24 11.0 +0.2	FULB	Fuli	1.80 194	P	Sn	13 24 13.7 0.0	SONM	Songno Array	25.88 336	P	P	13 29 02.1 +0.1
NCU				Sn	13 24 15.1 -0.5	FULB			eS	Sn	13 24 37.0 0.0	SONM		0.9nm,0.7s,baz=147,slow=8.4,SNR=7.2	P	P	13 29 02.1 +0.1
NCUH	Zhongli	0.54 272	P	Sn	13 24 01.2 0.0	CHNZ	Minshui	1.85 220	P	Sn	13 24 38.3 -0.4	MKAR	Makanchi Array	38.17 315	P	P	13 30 49.7 +0.6
NCUH				Sn	13 24 14.8 -0.8	WCKO	Fanlu	1.85 216	iP	Sn	13 24 14.7 +0.5	MKAR		0.6nm,0.6s,baz=99,slow=10,SNR=6.2	P	P	13 30 49.7 +0.6
KSHI	Guanxi Townshi	0.58 252	iP	Sn	13 24 01.6 +0.2	WCKO			S	Sn	13 24 38.9 +0.2	PETK	Petropavlovsk	38.93 34	P	P	13 30 56.8 +1.6
KSHI				Sn	13 24 12.9 -0.7	WCKO			S	Sn	13 24 38.9 +0.2	PETK		3.6nm,0.9s,baz=212,slow=6.7,SNR=2.4	P	P	13 30 56.8 +1.6
EAHA	Aohua	0.62 184	P	Sn	13 24 01.9 +0.2	EDH	Haiduan	1.87 197	eS	Sn	13 24 12.9 -0.1	ZALV	Zalesovo Beam	39.90 326	P	P	13 31 03.2 -0.1
EAHA				Sn	13 24 17.2 +0.7	EDH			S	Sn	13 24 38.9 -0.2	ZALV		0.7nm,0.5s,baz=109,slow=9.2,SNR=4.1	P	P	13 31 03.2 -0.1
NNS	Nan Shan	0.63 216	iP	Sn	13 24 02.2 +0.2	IRIF	Iriomote-Funau	1.88 109	P	Sn	13 24 14.2 -0.2	KURBB	Kurchatov Arra	41.68 319	P	P	13 31 19.9 +0.4
NNS				Sn	13 24 16.2 -0.7	IRIF			S	Sn	13 24 38.0 -1.1	KURBB		0.3nm,0.6s,baz=99,slow=9.1,SNR=4.4	P	P	13 31 19.9 +0.4
NNSB	Datong	0.64 215	iP	Sn	13 24 02.1 +0.1	CHKT	Chengkung	1.89 192	P	Sn	13 24 14.7 +0.1	KURBB		0.3nm,0.6s	P	P	13 31 19.9 +0.4
NNSB				Sn	13 24 02.1 +0.1	CHKT			S	Sn	13 24 38.4 -1.0	WRA	Warramunga Arr	46.27 164	P	P	13 31 53.6 -1.3
NNSH	Datong	0.64 215	P	Sn	13 24 02.1 +0.1	EDTW	Lidau	1.89 202	P	Sn	13 24 15.2 +0.4	WRA		0.3nm,0.7s,baz=349,slow=8.9,SNR=1.7	P	P	13 31 53.6 -1.3
NNSH				Sn	13 24 02.1 +0.1	EDTW			S	Sn	13 24 40.1 +0.4	WRA		0.5nm,1.1s,baz=344,slow=2.6,SNR=1.5	P	P	13 31 53.6 -1.3
NJD	Zhudong	0.67 251	iP	Sn	13 24 02.3 +0.2	CHY	Chiayi	1.91 221	P	Sn	13 24 15.3 +0.4	WRA		0.3nm,0.7s	P	P	13 33 27.0 +0.5
NJD				Sn	13 24 16.8 -0.3	CHY			S	Sn	13 24 40.1 +0.2	BVAR	Borovoye Array	47.43 320	P	P	13 32 04.0 +0.4
EOS2	EOS2	0.67 142	eS	Sn	13 24 02.6 +0.7	ECS	Chishang	1.92 196	eP	Sn	13 24 16.5 +1.4	BVAR		0.8nm,0.5s	P	P	13 32 04.0 +0.4
EOS2				Sn	13 24 17.0 +0.1	ECS			S	Sn	13 24 39.6 -0.6	ASAR	Alice Springs	49.74 165	P	P	13 32 19.7 -1.8
NHW	Xinwu Township	0.67 275	P	Sn	13 24 02.8 +0.8	WSF	Szhu	1.94 228	S	Sn	13 24 40.5 0.0	ASAR		0.2nm,0.7s,baz=342,slow=8.9,SNR=4.2	P	P	13 32 19.7 -1.8
NHW				Sn	13 24 17.7 +0.6	WSF			S	Sn	13 24 40.5 0.0	ASAR		0.4nm,1.0s,baz=345,slow=4.0,SNR=2.1	P	P	13 32 19.7 -1.8
NFF	Wufeng Townshi	0.69 242	P	Sn	13 24 02.0 -0.2	TPUB	Ta-pu	1.95 213	P	Sn	13 24 15.7 +0.2	ANAN	Anan	0.2nm,0.7s	P	P	13 33 39.1 -1.6
NFF				Sn	13 24 16.0 -1.4	TPUB	Ta-pu	1.95 213	iP	Sn	13 24 15.7 +0.2	ANAN		0.2nm,0.7s	P	P	13 33 39.1 -1.6
NFF				Sn	13 24 16.0 -1.4	TPUB	Ta-pu	1.95 213	P	Sn	13 24 15.7 +0.2	ANAN		0.4nm,1.0s,baz=345,slow=4.0,SNR=2.1	P	P	13 33 39.1 -1.6
ENH1	Hsinchu	0.72 256	iP	Sn	13 24 12.9 +0.3	TPUB	Ta-pu	1.95 213	iP	Sn	13 24 15.7 +0.2	ARCES	ARCES Array B	69.03 338	P	P	13 34 33.7 +0.2
ENH1				Sn	13 24 17.3 -0.4	TPUB	Ta-pu	1.95 213	P	Sn	13 24 15.7 +0.2	ARCES		4.0nm,1.2s,baz=61,slow=6.4,SNR=4.5	P	P	13 34 33.7 +0.2
PCYT	Pengchaiyu	0.72 21	iP	Sn	13 24 02.7 +0.3	STYH	Taoyuan	2.00 208	P	Sn	13 24 16.4 +0.4	ARCES		0.2nm,0.7s	P	P	13 34 33.7 +0.2
PCYT				Sn	13 24 17.9 0.0	STYH			S	Sn	13 24 41.8 -0.1	FINES	FINES Array B	71.06 330	P	P	13 34 46.1 +0.2
PCYT				Sn	13 24 17.9 0.0	STYH	Ta-pu	2.01 212	iP	Sn	13 24 16.4 +0.2	FINES		2.3nm,0.6s,baz=59,slow=3.9,SNR=1.2	P	P	13 34 46.1 +0.2
SBCB	Hsinchu	0.74 258	P	Sn	13 24 02.9 +0.3	WSP	Shulin Townsh	2.01 225	P	Sn	13 24 16.2 +0.1	FINES		2.3nm,0.6s,baz=59,slow=3.9,SNR=1.2	P	P	13 34 46.1 +0.2
SBCB				Sn	13 24 16.7 -1.3	WSP			S	Sn	13 24 41.9 -0.1	FINES		2.3nm,0.6s	P	P	13 34 46.1 +0.2
SBCB	Hsinchu	0.76 259	P	Sn	13 24 12.9 -0.1	WGR			S	Sn	13 24 12.9 -0.1	FINES		2.3nm,0.6s	P	P	13 34 46.1 +0.2
HSN				Sn	13 24 17.3 -0.9	STYT	Taoyuan	2.01 208	iP	Sn	13 24 16.7 +0.5	FINES		2.3nm,0.6s	P	P	13 34 46.1 +0.2
HSN				Sn	13 24 02.9 +0.1	STYT			S	Sn	13 24 42.3 0.0	FINES		2.3nm,0.6s	P	P	13 34 46.1 +0.2
HSN				Sn	13 24 17.4 -1.0	STYT			S	Sn	13 24 15.9 -0.3	FINES		2.3nm,0.6s	P	P	13 34 46.1 +0.2
NSST	Nanjuang	0.78 246	iP	Sn	13 24 03.0 +0.1	EDH	Donghe	2.02 193	P	Sn	13 24 17.1 -0.6	FINES		2.3nm,0.6s	P	P	13 34 46.1 +0.2
NSST				Sn	13 24 16.7 -1.9	EDH			S	Sn	13 24 41.7 -0.6	FINES		2.3nm,0.6s	P	P	13 34 46.1 +0.2
ETHL	Xiulin Townshi	0.79 200	P	Sn	13 24 02.9 -0.3	HATJ	Hateruma jima	2.05 115	P	Sn	13 24 16.9 +0.4	FINES		2.3nm,0.6s	P	P	13 34 46.1 +0.2
ETHL				Sn	13 24 17.9 -0.3	HATJ			S	Sn	13 24 41.8 -1.0	FINES		2.3nm,0.6s	P	P	13 34 46.1 +0.2
ETHL				Sn	13 24 18.1 -0.9	HATJ			S	Sn	13 24 17.0 +0.3	FINES		2.3nm,0.6s	P	P	13 34 46.1 +0.2
NACB	Ninganchiao	0.80 193	P	Sn	13 24 02.3 -0.7	TKW	Hsiinying	2.06 215	iP	Sn	13 24 17.0 +0.3	FINES		2.3nm,0.6s	P	P	13 34 46.1 +0.2
NACB				Sn	13 24 02.3 -0.7	TKW			S	Sn	13 24 43.1 -0.1	FINES		2.3nm,0.6s	P	P	13 34 46.1 +0.2
NACB				Sn	13 24 16.7 -2.1	TKW	Lienchiang	2.07 306	P	Sn	13 24 16.6 -0.3	FINES		2.3nm,0.6s	P	P	13 34 46.1 +0.2
NACB				Sn	13 24 17.2 -0.7	TKW			S	Sn	13 24 42.5 -0.9	FINES		2.3nm,0.6s	P	P	13 34 46.1 +0.2
NACB				Sn	13 24 18.1 -0.9	TKW			S	Sn	13 24 16.6 -0.3	FINES		2.3nm,0.6s	P	P	13 34 46.1 +0.2
NACB				Sn	13 24 16.7 -2.1	TKW			S	Sn	13 24 42.5 -0.9	FINES		2.3nm,0.6s	P	P	13 34 46.1 +0.2
NACB				Sn	13 24 17.2 -0.7	TKW			S	Sn	13 24 16.6 -0.3	FINES		2.3nm,0.6s	P	P	13 34 46.1 +0.2
NACB				Sn	13 24 18.1 -0.9	TKW											

ASAR	0.2nm,0.7s,baz=345,slow=14,SNR=65	S	S	14 16 13.2	+1.7
MKAR	0.2nm,0.6s,baz=351,slow=23,SNR=1.7	S	P	14 19 59.5	-0.1

MACANCHI ARRAY 68.04 327 P
 0.2nm,0.3s,baz=115,slow=8,SNR=5.4
 0.2nm,0.3s

IDC 10 14:43:50.1_2.0, 17.33N, 168.59E, h0km, mb3.9/5,
 mbmp3.9/6, ML3.5/1, MS3.2/12, Error ellipse:
 s-maj=48.2km s-min=20.0km az=105.0

NOU 10 14:43:50.6, 17.415N, 168.59E, h4km, MLV4.1/13, Vanuatu
 Islands

ISC 10 14:43:51.5_1.4, 17.463S, 0.06, 168.6E, 0.2, h10km, n23,
 0.061/14, mb4.0/5, MS3.3/10, Vanuatu Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
Op	ISC	h m s	ISC		
RTV	Rentapao	0.38 209	P	14 43 59.6	+0.6
RTV	Rentapao	0.38 209	S	14 44 04.1	+0.1
SANVU	Sarautou	2.42 326	P	14 43 31.9	+0.2
YATNC	Mamie plateau,	4.86 199	P	14 45 05.2	+0.5
DZM	Mont Dzumac	5.02 204	Pn	14 45 06.8	-0.2
	1.9nm,0.3s,baz=111,slow=17,SNR=24				
DZM			Sn	14 46 03.8	-1.4
	0.3nm,0.3s,baz=61,slow=20,SNR=1.6				
DZM			LR	14 46 57.1	
	comp=Z,258nm,18.5s,baz=93,slow=36 8.2nm,0.6s				
DZM			AML		
NOUC	Port Laguerre	5.10 205	P	14 45 07.6	-0.5
OUENC	Ouen Island, N	5.21 198	P	14 45 10.4	+0.9
ONTNC	Ouen Toro	5.23 203	P	14 45 09.9	+0.9
HNR	Honiara	11.61 312	LR	14 50 25.0	
	comp=Z,132nm,19.6s,baz=227,slow=34				
URZ	Ureweira	22.02 162	LR	14 55 15.8	
	comp=Z,116nm,20.6s,baz=331,slow=31				
RPZ	Rata Peaks	26.25 176	LR	14 59 18.8	
	comp=Z,34nm,18.1s,baz=238,slow=35				
WRA	Warramunge Arr	32.53 260	P	14 50 23.0	+0.1
	0.9nm,1.0s,baz=83,slow=8.3,SNR=3.8 0.9nm,1.0s				
ASAR	Alice Springs	33.02 253	P	14 50 27.5	+0.2
	1.7nm,0.3s,baz=79,slow=8.3,SNR=15 1.7nm,0.3s				
GUMO	Guam	38.75 321	LR	15 05 47.0	
	comp=Z,28nm,19.9s,baz=150,slow=34				
FITZ	Fitzroy Cross	40.86 262	P	14 51 34.0	+0.1
	5.1nm,0.3s,baz=90,slow=6.1,SNR=6.5 5.1nm,0.3s				
VNDA	Vanda	60.18 182	LR	15 15 50.6	
	comp=Z,26nm,19.6s,baz=292,slow=32				
SHEM	Shemya Is, Ala	70.06 4	LR	15 19 09.1	
	comp=Z,15nm,21.5s,baz=15,slow=30				
PETK	Petropavlovsk-	70.91 353	LR	15 20 54.7	
	comp=Z,19nm,20.4s,baz=184,slow=31				
MA2	Magadan	76.13 351	LR	15 26 46.7	
	comp=Z,14nm,18.0s,baz=176,slow=33				
YAK	Yakutsk	85.01 343	LR	15 32 01.2	
	comp=Z,13nm,18.4s,baz=187,slow=34				
SONMI	Songino Array	85.45 323	P	14 56 29.3	-0.3
	0.9nm,0.6s,baz=139,slow=6.8,SNR=3.6 0.9nm,0.6s				
ILAR	Eielson Array	88.72 17	P	14 56 44.5	-0.3
	0.2nm,0.8s,baz=236,slow=6.4,SNR=2.8 0.2nm,0.8s				
ILAR			LR	15 32 51.3	
	comp=Z,11nm,20.2s,baz=262,slow=33				
MKAR	Macanchi Array	100.06 316	LR	15 43 43.2	
	comp=Z,9.6nm,19.6s,baz=267,slow=36				

KRSC 10 14:46:25.5_1.9, 48.13N, 156.66E, h40km, 42km, MI3.8,
 East of Kuril Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
Op	ISC	h m s	ISC		
SKR	Severo-Kuril's	2.58 352	eP	14 47 07.9	+3.3
SKR			eS	14 47 07.9	+3.3
PAU	Pauzhetka	3.42 2	eS	14 47 58.8	+5.3
KDTR	Khodutka, Kamc	3.79 13	eP	14 47 26.7	+5.4
KDTR			eS	14 48 09.7	+5.1
ASAK	Asacha	4.33 10	eP	14 47 32.4	+3.6
MITVR	Mutnovka	4.46 12	eP	14 47 34.9	+4.1
MITVR			eS	14 48 26.1	+4.7
RUS	Russkaya	4.47 15	eP	14 47 35.2	+4.6
RUS			eS	14 48 24.4	+3.2
GRL	Gorelyy	4.47 11	eP	14 47 35.4	+4.0
KRMR	Karymsinskiy	4.50 11	eP	14 48 35.0	+5.7
UCLR	Ugllovaya	5.27 14	eP	14 47 47.2	+5.7
AVH	Avacha	5.31 14	eP	14 47 46.7	+4.5
SMAR	Somma	5.32 14	eP	14 47 48.7	+6.3
KOK	Koryaka	5.32 13	eP	14 47 47.1	+4.8
SDLR	Sedlovina	5.34 15	eP	14 47 47.1	+4.4

NNC 10 14:54:46.7_4.3, 37.74N, 71.78E, h174km, 55km, mb2.7,
 mpv3.6, Error ellipse: s-maj=41.8km s-min=26.0km
 bz=30.0

ISC 10 14:54:36.5_1.1, 37.16N, 0.08, 71.5E, 0.1, h106km, n8,
 0.2549/13, 3C-5D, Afghanistan-Tajikistan border region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
Op	ISC	h m s	ISC		
JMU	Jammu	5.14 147	eP	14 55 51.4	+0.3
JMU			ex	14 56 02.5	
JMU	comp=E,2um,0.2s		IAML		
JMU			IAML	14 56 02.9	
TSSA	Tissa	5.74 137	eP	14 56 02.6	+3.1
TSSA			eS	14 57 03.9	-0.3
TSSA			IAML	14 57 04.6	
TSSA	comp=N,761nm,0.2s		IAML		
TSSA			IAML	14 57 05.1	
AAK	Ala-Archa	5.93 22	IP	14 56 03.9	+1.9
AAK	comp=E,1.8nm,0.4s		IS	14 57 06.7	-2.0
AAK	comp=E,3.0nm,0.6s		IS	14 57 06.7	-2.0
KK31	Karatay Array	5.99 353	IP	14 56 06.5	+3.8
KK31	comp=E,2.6nm,0.2s,baz=167,slow=11,SNR=52		IS	14 57 09.8	-0.2
KK31	comp=E,5.6nm,0.5s,baz=166,slow=21,SNR=6.9		IS	14 56 08.6	+0.2
DHRM	DHARAMSHALA	6.28 140	eP	14 57 16.2	-1.1
DHRM			eS	14 57 19.6	
DHRM	comp=E,28nm,0.6s		IAML		
DHRM			IAML	14 57 20.6	
SMLA	Simla	7.62 140	eP	14 56 26.0	+1.3
SMLA			eS	14 57 44.5	-4.9
SMLA			IAML	14 57 50.1	
SMLA	comp=E,19nm,0.3s		IAML		
SMLA			IAML	14 57 50.1	
AB31	Akbulak array	14.73 329	IP	14 58 02.5	-0.1
AB31	comp=N,0.6nm,0.3s,baz=151,slow=11,SNR=4.6		IS	15 00 39.1	-2.5
AKTO	Aktyubinsk	16.43 328	IP	14 58 24.7	+3.3
AKTO	comp=N,0.6nm,0.6s		IS	15 01 20.3	-2.5
AKTO	comp=N,0.5nm,0.7s		IS	15 01 20.3	-2.5

JMA 10 14:58:39.6_0.7, 22°N, 121°E, h0km, MV3.5/11,
 TAIWAN REGION

TAP 10 14:58:39.5, 21.67N, 121.29E, h61km, ML3.4, D
 ISC 10 14:58:40.1_1.7, 21.64N, 0.08, 121.25E, 0.03, h61km, 8km,
 n134, 0.1930/256, Taiwan region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
Op	ISC	h m s	ISC		
TSEB	Hengchun, Pin	0.41 309	IP	14 58 52.0	+0.7
TSEB			eS	14 58 59.8	+0.5
LYUB	Lan-yu	0.48 41	eP	14 58 59.9	-1.0
LYUB			eS	14 58 58.7	-1.8
LAY	Lan-yu	0.49 35	eS	14 58 51.1	-0.8
LAY			eS	14 58 59.2	-1.6
TWKBT	Hengchun	0.50 307	P	14 58 52.5	+0.3
TWKBT			S	14 59 02.2	+1.3
TWK1	Hengchun	0.51 307	IP	14 58 52.4	+0.2
TWK1			Pn	14 59 01.6	+0.6
SMST	Manzhou Townsh	0.54 315	eP	14 58 52.0	+0.1

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
Op	ISC	h m s	ISC		
SMST	Hengchun	0.60 308	eP	14 59 02.2	+0.6
HEN	Hengchun	0.60 308	eP	14 58 54.4	+1.2
HEN			IP	14 59 04.3	+1.6
SLIU	Shizi	0.71 324	IP	14 58 54.5	+0.1
SLIU			IP	14 58 55.9	+0.8
TAWH	Dawu Township	0.78 335	eS	14 58 54.9	+0.8
TAWH			eS	14 59 05.5	+0.1
TAW	Tawu	0.79 336	eP	14 58 54.9	-0.5
TAW			IP	14 58 56.8	0.0
EAST	Anshuo	0.83 334	eP	14 58 55.7	-0.4
EAST			eS	14 59 07.0	-0.8
Fangliu	Fangliu	0.93 322	eP	14 58 54.9	+0.7
SCZT	SCZT		eS	14 59 12.8	+2.8
ECL	Taimali	0.99 344	P	14 58 57.2	-0.9
ECL			eS	14 59 09.1	-2.3
SSPT	Xinbi	1.05 323	eP	14 59 01.2	+2.4
LDUT	Ludao	1.05 11	eP	14 58 55.3	-3.0
LDUT			eS	14 59 01.9	-0.9
WLCH	Liuqiu	1.07 312	P	14 58 59.9	+0.8
WLCH			eS	14 59 13.8	+0.6
TWP	Hsiaoliuchiu	1.08 311	P	14 59 04.1	+1.2
TWP			eS	14 59 14.3	+0.9
TNT	Taitung	1.12 355	eS	14 59 15.2	+0.9
TTN	TTN		eS	14 59 06.6	+0.8
MASBT	Mashibuluo	1.12 330	eP	14 59 15.9	+1.4
MASBT			eS	14 58 59.7	-0.9
TWGBT	Beinan	1.19 353	eP	14 59 14.4	-1.5
TWGBT			eS	14 58 59.1	-1.0
TWGT	Pinlang	1.19 352	eP	14 59 14.3	-1.7
TSMG	Majia	1.20 333	P	14 59 16.4	+0.1
TSMG			eS	14 59 16.4	+0.1
SSD	Sandimen	1.24 333	eP	14 59 04.4	+3.0
SSD			eS	14 59 16.2	+0.5
TSPT	Pingtung City	1.25 326	eP	14 59 04.8	+3.4
LONT	Longtian	1.27 355	eP	14 59 01.1	-0.6
LONT			eS	14 59 16.8	-1.1
KAU	Kaohsiung	1.27 317	P	14 59 02.4	+0.7
KAU			eS	14 59 18.9	+1.0
EDH	Donghe	1.33 2	eP	14 59 17.7	-1.6
WSSB	Gushan	1.35 318	P	14 59 04.0	+1.2
WSSB			eS	14 59 20.7	+0.8
TWMT	Shoushan	1.41 327	P	14 59 04.3	+0.8
TWMT			eS	14 59 22.5	+1.3
CSST	Cishan	1.43 331	P	14 59 04.8	+0.6
ECS	Chishang	1.45 359	P	14 59 21.9	-0.4
ECS			eS	14 59 04.9	+0.6
SLGT	Liugui	1.46 338	P	14 59 23.5	+1.1
SLGT			eS	14 59 04.3	+0.8
CHGK	Chengkung	1.46 4	eS	14 59 23.5	+1.1
CHGK			eS	14 59 21.1	-1.1
EHD	Haiduan	1.51 359	P	14 59 03.3	-1.6
EHD			eS	14 59 22.6	-0.9
CHKH	Chenggong	1.56 5	eP	14 59 07.6	+1.2
CHKH			eS	14 59 24.8	+0.1
FULB	Fuli	1.56 2	eP	14 59 25.4	+0.6

TATO Taipei	0.81 297	P	Pn	15 06 36.3	-0.1	WYL Yuanlin Townsh	1.69 248	P	Pn	15 06 47.4	+0.3	KNM Kinmen	3.51 268	P	Pn	15 07 12.8	+1.3
TATO				15 06 48.2	-1.1	WYL				15 06 08.8	+0.6	KNM				15 07 51.9	-0.1
TWD Chiawan	0.82 230	S	Pn	15 06 36.2	-0.4	WYL	1.71 98	eP	Sn	15 06 47.4	-0.1	KNMB Chin-men Tao	3.55 268	P	Sn	15 07 11.7	-0.3
TWD				15 06 48.5	-1.1	JJJ				15 06 08.7	-0.8	KNMB				15 07 49.9	-3.0
TAP Taipei	0.82 301	eS	Pn	15 06 36.2	-0.4	CHKT	1.73 209	eP	Sn	15 06 46.7	-0.9	AKXD Jialang	3.93 275	fP	Sn	15 07 17.4	+0.3
TAP				15 06 48.9	-0.6	CHKT				15 06 49.2	+1.1	AKXD				15 08 00.1	-2.2
YHNB Yeheng	0.83 274	iP	Pn	15 06 37.0	+0.3	ALS	1.74 231	iP	Sn	15 06 49.2	+1.1	ZPLA Ao Xicun	4.19 262	eP	Sn	15 07 19.9	-0.8
YHNB				15 06 37.3	+0.5	ALS				15 07 12.8	+2.7	ZPLA				15 08 05.2	-3.3
ETLH Xiulin Townshi	0.83 241	eP	Pn	15 06 50.0	+0.1	EHD	1.76 214	eP	Sn	15 06 47.9	-0.2	DSXP Dongshan	4.53 260	eP	Sn	15 07 25.4	+0.1
ETLH				15 06 36.7	-0.2	EHD				15 07 07.8	-2.3	DSXP				15 08 13.5	-3.2
YM01	0.84 309	iP	Pn	15 06 49.4	-0.7	CHNS	1.78 236	iP	Sn	15 06 50.0	+1.5	SXFK Yanhouchang	4.55 294	P	Pn	15 07 25.4	-0.3
YM01				15 06 48.9	-0.1	CHNS				15 06 49.4	+2.9	SXFK				15 08 13.2	-0.2
NNSH Datong	0.84 257	iP	Pn	15 06 49.5	-0.5	CS	1.80 213	iP	Sn	15 06 49.1	+0.5	JOW Kunigami	5.84 66	Pn	Pn	15 07 42.9	-0.3
NNSH				15 06 36.9	0.0	ECS				15 07 10.8	-0.2	JOW				15 08 46.8	-1.9
NNSB Datong	0.84 257	iP	Pn	15 06 50.3	0.0	WCK	1.82 240	eP	Sn	15 06 50.0	+1.1	JOW					
NNSB				15 06 37.0	+0.1	WCK				15 07 12.9	+1.4	JOW					
NNSB				15 06 50.9	+0.3	WDL	1.83 241	eP	Sn	15 06 49.4	+0.5	JOW					
NSK Sanguang	0.84 274	iP	Pn	15 06 37.3	+0.4	WDL				15 07 14.2	+2.8	JOW					
NSK				15 06 50.0	-0.2	ELDTW Lidau	1.83 220	eP	Sn	15 06 49.0	-0.1	JOW					
NNS Nan Shan	0.85 258	P	Pn	15 06 37.2	+0.2	ELDTW				15 07 11.1	-0.8	JOW					
NNS				15 06 50.1	-0.3	WDLH Douliu	1.84 240	eP	Sn	15 06 50.5	+1.4	JOW					
NNS				15 06 36.8	-0.1	WDLH				15 07 13.5	+1.6	JOW					
YM08	0.85 312	eP	Pn	15 06 48.9	-1.3	JISG	1.85 90	iP	Sn	15 06 49.4	+0.2	JOW					
YM08				15 06 37.4	+0.4	JISG				15 07 11.6	-0.5	JOW					
BACT New Taipei Cit	0.85 297	P	Pn	15 06 50.1	-0.1	EDH	1.86 209	eP	Sn	15 06 48.6	-0.8	JOW					
BACT				15 06 37.2	+0.1	WRL	1.88 248	iP	Sn	15 06 50.0	+0.4	JOW					
ZUZH Zhuzihu	0.86 309	iP	Pn	15 06 49.9	-0.7	WRL				15 07 12.0	-0.8	JOW					
ZUZH				15 06 38.5	+1.3	RLNB Erlin	1.90 248	eP	Sn	15 06 50.5	+0.7	JOW					
HWA Hwaiien	0.89 224	iP	Pn	15 06 37.4	+0.2	RLNB				15 07 13.4	+0.2	JOW					
HWA				15 06 37.6	+0.1	WCKO Fanlu	1.93 233	eP	Sn	15 06 52.2	+1.9	JOW					
ANP Anpu	0.90 310	eP	Pn	15 06 50.3	-1.0	WCKO				15 07 16.1	+2.0	JOW					
ANP				15 06 37.9	+0.4	WTK Tuku	1.96 242	eP	Sn	15 06 51.6	+0.9	JOW					
TWY Chenhua	0.91 317	iP	Pn	15 06 51.8	+0.6	WTK				15 07 14.2	-0.6	JOW					
TWY				15 06 48.9	-1.3	CHNZ Minshiung	1.97 237	fP	Sn	15 06 49.2	+1.8	JOW					
TSY Kuangyingshan	0.92 302	iP	Pn	15 06 51.5	-0.1	CHNZ				15 07 17.4	+2.3	JOW					
TSY				15 06 38.2	+0.4	STYH Taoyuan	1.99 224	eP	Sn	15 06 52.3	+1.2	JOW					
NTST Danshui	0.94 306	iP	Pn	15 06 51.4	-0.4	STYH				15 07 16.8	+1.3	JOW					
NTST				15 06 37.6	-0.6	TPUB Ta-pu	2.00 229	eP	Sn	15 06 52.7	+1.5	JOW					
ETM Tongmen	0.97 228	eP	Pn	15 06 51.1	-1.4	TPUB	2.00 229	eP	Sn	15 07 16.9	+1.2	JOW					
ETM				15 06 37.9	+0.3	TPUB	2.00 229	eP	Sn	15 06 53.9	+1.9	JOW					
Yanliu Villag	0.97 220	eP	Pn	15 06 51.6	-1.0	TPUB				15 07 18.6	+2.9	JOW					
Yanliu				15 06 38.9	+0.6	LONT Longtian	2.00 212	eP	Sn	15 06 50.4	-0.8	JOW					
NTY Taoyuan	0.97 293	P	Pn	15 06 53.0	+0.4	LONT				15 07 13.6	-2.1	JOW					
NTY				15 06 38.2	-0.4	STYT Taoyuan	2.01 224	P	Pn	15 06 52.7	+1.3	JOW					
LXIB Xiulin Townshi	0.99 234	iP	Pn	15 06 51.8	-1.4	STYT				15 07 16.8	+0.8	JOW					
LXIB				15 06 39.3	+0.3	CHY Chiayi	2.03 237	eP	Sn	15 07 23.8	+1.2	JOW					
LXIB				15 06 54.0	+0.1	CHY				15 07 17.1	+0.8	JOW					
FUSS Fushou	1.01 249	eS	Pn	15 06 39.6	+0.8	WMLT Mailiao	2.05 247	eP	Pn	15 06 52.3	+0.5	JOW					
FUSS				15 06 54.5	+0.9	WTP Ta-pu	2.05 229	eP	Pn	15 06 53.6	+1.7	JOW					
KSHI Guanxi Townshi	1.02 279	iP	Pn	15 06 39.8	+0.9	WTP				15 07 18.2	+1.3	JOW					
KSHI				15 06 48.9	+0.1	LUD Ludao	2.07 201	eP	Sn	15 06 51.1	-2.2	JOW					
PCYT Pengchaiyu	1.03 349	iP	Pn	15 06 39.0	-0.2	LUD				15 06 52.8	+0.2	JOW					
PCYT				15 06 54.0	-0.7	TWBT Beinan	2.10 212	P	Pn	15 06 52.7	+0.2	JOW					
WHF Hehuan Shan	1.04 244	iP	Pn	15 06 53.7	-0.5	TWBT	2.10 212	P	Pn	15 07 16.0	-2.1	JOW					
WHF				15 06 40.1	+0.9	TWBT	2.10 212	P	Pn	15 06 52.2	-0.3	JOW					
SHUL Shoufeng	1.05 219	eP	Pn	15 06 49.7	+1.1	TWBT				15 07 15.4	+2.7	JOW					
SHUL				15 06 39.9	+0.7	TWG Pinlang	2.10 212	P	Pn	15 06 54.0	+1.3	JOW					
SHUL				15 06 54.9	+0.5	WSF Sshu	2.12 243	eP	Pn	15 06 54.0	+1.3	JOW					
National Centr	1.06 290	P	Pn	15 06 39.9	+0.5	WSF				15 06 54.3	+1.5	JOW					
National Centr				15 06 54.9	+0.5	WTK Hsinying	2.12 231	eP	Pn	15 07 19.9	+1.3	JOW					
Zhongli	1.06 290	eP	Pn	15 06 40.5	+0.8	TWK				15 06 55.4	+2.5	JOW					
Zhongli				15 06 54.9	+0.5	TNN Tainan	2.12 210	P	Pn	15 06 54.4	+1.3	JOW					
Wufeng Townshi	1.06 271	iP	Pn	15 06 41.3	+1.2	SNST	2.14 230	P	Pn	15 06 54.4	+1.3	JOW					
Wufeng				15 06 55.9	+0.1	CHN1 Nanshi	2.15 229	eP	Pn	15 07 19.6	+0.5	JOW					
Tachien	1.07 251	iP	Pn	15 06 41.0	+0.4	CHN1				15 06 54.4	+1.2	JOW					
Tachien				15 06 56.2	+1.1	CHN1	2.17 240	eP	Sn	15 07 20.5	+1.3	JOW					
Techi	1.09 251	iP	Pn	15 06 53.8	-1.7	WLS Shulin Townsh	2.17 240	eP	Sn	15 06 52.8	+1.6	JOW					
Techi				15 06 41.3	+1.2	SGST Jiashian	2.18 226	eP	Pn	15 07 19.0	-0.7	JOW					
Zhudong	1.09 277	P	Pn	15 06 55.9	+0.1	SGST				15 06 54.8	+1.2	JOW					
Zhudong				15 06 41.0	+0.6	JTJ Tarama	2.20 89	eP	Pn	15 06 54.8	+1.2	JOW					
Shilin	1.11 224	eS	Pn	15 06 57.0	+0.6	JTJ				15 07 21.4	+1.1	JOW					
Shilin				15 06 41.0	+0.5	SLGT Liugui	2.20 223	P	Pn	15 06 54.9	+1.5	JOW					
Jichi Village	1.13 217	P	Pn	15 06 57.3	+0.7	SLGT				15 07 22.7	+2.2	JOW					
Jichi Village				15 06 57.0	+0.3	ICHU Yijhu	2.22 236	eP	Pn	15 06 54.8	+0.8	JOW					
Emei	1.15 272	eP	Pn	15 06 57.0	+0.3	ICHU				15 07 21.5	+0.7	JOW					
Emei				15 06 41.6	+0.8	CHNB Yiju	2.28 237	eP	Pn	15 06 55.9	+1.0	JOW					
Hsinchu	1.16 278	iP	Pn	15 06 59.0	+1.8	CHNB				15 07 22.6	+0.4	JOW					
Hsinchu				15 06 58.1	+0.8	CHNB	2.33 229	eP	Sn	15 07 23.3	-0.2	JOW					
Xinwu Township	1.19 289	P	Pn	15 06 41.2	+0.1	ECL Taimali	2.35 212	eP	Pn	15 06 54.8	-1.0	JOW					
Xinwu Township				15 06 57.4	-0.4	SCST Cishan	2.38 224	eP	Pn	15 07 21.1	-2.9	JOW					
Hsinchu	1.21 279	eP	Pn	15 06 41.4	+0.3	SCST				15 06 57.9	+1.7	JOW					
Hsinchu				15 06 41.9	+0.5	SHHT Tainan City	2.38 229	eP	Pn	15 07 25.4	+0.7	JOW					
Hsinchu	1.21 293	eP	Pn	15 06 40.2	-1.0	SHHT				15 06 56.9	+0.7	JOW					
Fenglin Townsh	1.21 279	eP	Pn	15 06 55.7	-2.0	SHHT	2.39 234	eP	Pn	15 07 25.4	+0.7	JOW					
Fenglin Townsh				15 06 56.1	-1.8	SCLT Jiali				15 06 56.1	-0.3	JOW					
Guangfu	1.22 220	eP	Pn	15 06 56.1	-1.8	SCLT				15 07 26.4	+1.5	JOW					
Guangfu				15 06 41.9	+0.5	SSD Sandimen	2.40 219	eP	Pn	15 06 58.2	+1.7	JOW					
Guangfu				15 07 00.0	+1.1	SSD				15 06 57.8	+1.0	JOW					
Renai	1.23 240	P	Pn	15 06 43.2	+1.4	TSMG Majia	2.42 219	P	Pn	15 06 57.8	+1.0	JOW					
Renai				15 06 43.2	+1.												

Table with columns: PKI, Pulchoki, 9.16 295 Pn, Pn, 16 57 05.3 +0.4, etc. Includes stations like Pulchoki, Phulchoki, Kakani, Daman, etc.

IDC 10 16:55:02.9.1.1, 15:39Sx75.89W, h0km, mb3.9/3, mbmp3.07, ML3.7/4, MS3.6/6, Error ellipse: s-maj=28.1km

NEIC 10 16:55:05.0.1.5, 15:26S;0.07:75.98W, h0km, mb4.1/5, Error ellipse: s-maj=13.3km s-min=7.2km

ISC 10 16:55:07.9.0.7, 15:27S;0.07:75.98W, h0km, mb3.6/3, ms=105/38, mb4.0/4, MS3.5/5, Near coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Nana, PB12, PB18, etc.

Table with columns: ESDC, Sonseca Array, 86.31 47 LR, LR, 17 43 06.8, etc. Includes stations like H1N1, H1N2, H1N11, etc.

IDC 10 17:01:21.3.1.4, 67:12N;21.08E, h0km, mbmp3.0/4, ML2.1/4, Error ellipse: s-maj=26.0km s-min=12.3km

ISC 10 17:01:18.8.1.0, 67:22N;0.07:21.04E;0.06, h10km, n6, s164.9, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like SALU, ARCES, FINES, etc.

IDC 10 17:07:52.3.1.3, 5:85S; 129:63E, h0km, mb4.2/4, mbmp4.0/7, ML3.8/3, Error ellipse: s-maj=61.6km

DJA 10 17:08:11.2.1.2, 6:5:8'S; 133:0'E, h11km, 40km, M4.2/6, mb4.9/2, mb4.1/2, MLV4.3/6, MW(MB)4.2/2

ISC 10 17:08:05.4.0.9, 6:47S;0.06:129.5E;0.1, h150km, n10, s272.13, mb3.9/4, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like SAUI, FAKI, FITZ, etc.

TRN 10 17:20:12.5, 18:14N;62.09W, h50km, MD3.7, North-west of Barbuda, Leeward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like ANWB, SMRT, SKI, etc.

IDC 10 17:49:52.7.4.8, 10:04S;166.03E, h0km, mb3.6/3, mbmp3.6/3, MS3.5/5, Error ellipse: s-maj=254.8km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like H11S2, H11S3, H11S1, etc.

Table with columns: ILAR, Dease Lake, 85.39 28 LR, LR, 18 38 04.9, etc.

KRSC 10 17:58:33.8.2.3, 48:94N;156.97E, h21km, 42km, MI3.5, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like SKR, PAU, KDR, etc.

BER 10 18:04:04.3.3.2, 71:07N;8:91W, h19km, 7km, ML3.2, Mw4.2, Confirmed Earthquake

DNK 10 18:04:06.4.2.6, 71:24N;10:42W, h0km, 160km, ML2.0, Presumed earthquake

ISC 10 18:04:02.0.1.0, 71:30N;0.07:9.0W;0.1, h10km, n17, s189715, 4d, Jan Mayen Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like JNW, JMW, JNE, etc.

FCIAR 10 18:13:51.0, 84:50N;13:42E, h10km, station OMEGA has station magnitude of 3.60

ISC 10 18:13:47.2.2.1, 84:38N;0.1:15:13E;0.09, h10km, n18, s184022, North of Svalbard

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like NOR, SPAA, etc.

IDC 10 18:19:20.8.0.7, 16:69S;174:26W, h0km, mb3.9/10, mbmp3.9/10, Error ellipse: s-maj=33.2km s-min=20.0km

ISC 10 18:19:44.5.0.8, 16:7S;0.2:174:5W;0.2, h200km, n16, s18100, mb3.6/10, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like H11S2, H11S3, H11S1, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WRA Kununurra, WRA Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WRA Kununurra, WRA Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GSPA comp=Z,2.8nm,0.7s, WRA Warramunga Arr, etc.

10d 20h

Table with columns: Station Name, Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like TA01, TA02, TA03, etc.

2020 SEP

Table with columns: Station Name, Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like VNA3, BRDY, VNA2, etc.

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Table with columns: Station Name, Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like CO02, PB14, PB14, etc.

ISK 10 20:19:17.2, 38.12N-38.64E, h5km, ML3.3/20
AFAD 10 20:19:18.6, 38.17N-38.67E, h12km, 1km, MW3.6
ISC 10 20:19:18.1, 1.38, 15N-0.02-38.66E-0.02, h6km, 9km,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like MAYA, MAYA, NARI, etc.

IDC 10 20:07:31.3, 8.7, 7.96S:129.80E, h98km, 68km, mb4.0/1,
mbtmp4.2/4, ML4.2/3, MS3.8/1, Error ellipse:
s-maj=65.6km s-min=53.4km az=9.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like FITZ, FITZ, WRA, etc.

SJA 10 20:15:43.1, 0.7, 27.86S:71.39W, h20km, 3km, ML3.2,
MW3.5
GUC 10 20:15:45.7, 0.7, 27.88S:71.34W, h22km, 4km, ML2.9

ISC 10 20:15:43.5, 1.5, 27.88S:0.03N, 71.35W, 0.08, h19km, 4km,
n21, i928/31, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like AC04, AC04, AC04, etc.

IDC 10 20:23:31.1, 0.6, 33.09N:73.66E, h0km, mb4.2/27,
mbtmp4.2/30, ML4.1/3, MS3.1/4, Error ellipse:
s-maj=13.2km s-min=12.1km az=32.0

NNC 10 20:23:31.3, 8.0, 32.83N:73.84E, h25km, 81km, mb4.4,
Error ellipse: s-maj=51.9km s-min=32.6km az=156.0

NEIC 10 20:23:33.6, 2.4, 33.08N:0.05N, 73.66E:0.06, h10km, 1km,
mb4.3/28, Error ellipse: s-maj=10.3km s-min=7.6km
az=221.0

NDI 10 20:23:34.1, 1.5, 33.02N:73.68E, h10km, ML4.2, MW4.2,
mb4.3(NEIC), Presumed earthquake

ISC 10 20:23:32.7, 0.5, 33.09N:0.05N, 73.70E:0.04, h10km, n119,
i928/127, mb4.2/33, MS3.0/3, 14C-6D, Pakistan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like NIL, JMU, JMU, etc.

10d 20h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, Res ISC. Includes stations like WRKA Warakurna, LUWI Luwuk, EDFI Ende, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, Res ISC. Includes stations like CASY Casey, LSA Lhasa, SONM Songoing Array, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, Res ISC. Includes stations like AC06 Mina Casimiro, GO03 Copiapo, GO03 Copiapo, etc.

ADC 10 20:35:17.54.6, 37.005:52.11E, h0km, mb3.9/2, mbmt3.9/3, ML4.2/1, MS3.2/3, Error ellipse: s-maj=193.7km s-min=35.8km az=51.0, South Indian Ocean

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, Res ISC. Includes stations like OPO Ambohitratompso, OPO Boshof, OPO Bosa, etc.

ADC 10 20:39:14.4.0.7, 27.69S:71.39W, h0km, mb4.3/7, mbmt3.4/12, ML3.8/5, MS3.6/14, Error ellipse: s-maj=20.7km s-min=13.0km az=83.0, NEIC 10 20:39:14.4.2.0, 27.75S:0.04:71.49W, h0km, 1km, mb4.6/11, ML4.1(GUC), Error ellipse: s-maj=9.4km s-min=5.8km az=74.0, GFZ 10 20:39:15.3.0.3, 28.52S:72.2W, h10km, MA.7/14, mb4.7/14, confirmed GUC 10 20:39:17.4.0.7, 27.78S:71.39W, h27km, 3km, ML4.1, ISC 10 20:39:13.4.1.6, 27.74S:0.04:71.49W, h0.06, h3km, 9km, n129, s1936/125, mb4.6/14, MS3.7/10, 7C-5D, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, Res ISC. Includes stations like AC04 Llanos de Chal, AC04 Llanos de Chal, AC06 Mina Casimiro, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC, Time, Residual. Includes stations like Santo Domingo, Palmer Station, Montagne des Neumayer Olymp, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC, Time, Residual. Includes stations like KBK, CHMG, SGDS, BRLS, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC, Time, Residual. Includes stations like UAGRB, GUYB, GUYB, etc.

comp-Z,209nm,18.3s,baz=70,slow=38					
PB06 IOPC Station P	43.70 38	P	P	22 34 43.6 +0.4	
ESDC Sonseca Array	47.68 226	P	P	22 34 42.0 -1.0	
comp-Z,1.8nm,1.1s,baz=238,slow=8.5,SNR=11					
ESDC TAM	22 49 23.8				
comp-Z,207nm,20.1s,baz=232,slow=31					
ESDC Sonseca Array	43.70 38	P	P	22 34 42.3 -0.7	
ESDB Sonseca Array	43.70 38	P	P	22 34 43.0 0.0	
TAM Tamnrasset	43.74 65	I	I	22 34 45.5 -0.1	
comp-Z,30nm,1.5s					
TAM Tamnrasset	43.74 65	P	P	22 34 45.0 +1.2	
comp-Z,2.1nm,1.1s					
NNA Nana	43.94 244	LR	LR	22 52 59.7	
comp-Z,295nm,21.6s,baz=68,slow=36					
PB05 IOPC Station P	44.23 226	P	P	22 34 45.5 -2.0	
L64A Middleborough	45.38 324	P	P	22 34 45.5 -0.7	
GCN Saint George	45.41 331	P	P	22 34 56.7 +0.2	
BCX Boston College	45.82 325	I	I	22 35 00.6 +0.8	
comp-Z,5.8nm,0.8s					
HRV Adam Dzewiosk	46.15 325	P	P	22 35 03.2 +0.8	
comp-Z,5.5nm,0.9s					
AC01 Pan de Azucar	46.62 223	P	P	22 35 06.9 +0.5	
J61A Chester	47.24 325	I	I	22 35 11.1 +0.1	
comp-Z,1.1nm,1.2s					
V58A Windy Hill, Pi	47.51 313	P	P	22 35 13.2 +0.1	
comp-Z,12nm,1.1s					
TRY Troy	47.51 324	I	I	22 35 14.2 +1.1	
comp-Z,11nm,1.1s					
MVL Millersville	47.63 319	P	P	22 35 14.3 +0.2	
comp-Z,6.7nm,1.1s					
W57A Gilead	47.88 311	P	P	22 35 17.6 +1.5	
comp-Z,10nm,1.1s					
BOAB BOACO BROADBAND	47.94 280	P	P	22 35 17.2 +0.3	
L59A Watton	48.02 322	I	I	22 35 17.6 +0.4	
comp-Z,9.3nm,1.1s					
S57A Dark Hollow, R	48.28 315	P	P	22 35 19.6 +0.5	
comp-Z,12nm,1.2s					
FLET Fletcher	48.33 326	P	P	22 35 19.6 +0.1	
comp-Z,10.0nm,1.3s					
JSC Jenkinsville	48.49 310	P	P	22 35 21.7 +1.0	
comp-Z,10nm,1.3s					
CORI Orista	48.75 39	P	P	22 35 22.4 -0.3	
BLA Blacksburg	49.07 314	P	P	22 35 26.5 +1.2	
comp-Z,1.1nm,0.9s					
V55A Taylorsville	49.08 312	P	P	22 35 25.9 +0.6	
comp-Z,9.3nm,1.0s					
HODGE Hodges	49.23 309	P	P	22 35 27.0 +0.5	
comp-Z,6.5nm,1.0s					
GO04 Tololo Observa	49.46 219	P	P	22 35 29.0 +0.4	
U54A Nelsons Funny	49.80 312	P	P	22 35 32.8 +1.9	
comp-Z,7.3nm,0.8s					
WBO Williamsburg	49.81 325	P	P	22 35 32.3 +1.6	
comp-Z,10nm,1.3s					
BG3 Lake Jocassee	50.03 310	P	P	22 35 34.3 +1.7	
comp-Z,7.8nm,1.0s					
TRIS Tristan da Cun	50.10 154	P	P	22 35 34.1 +1.1	
PAMR Moraine State	50.57 318	I	I	22 35 37.9 +1.3	
comp-Z,7.3nm,0.9s					
PAOC Oil Creek St	50.58 319	P	P	22 35 36.7 +0.1	
comp-Z,10.0nm,0.9s					
P53A Whipple	50.77 316	P	P	22 35 39.2 +1.1	
comp-Z,7.7nm,0.9s					
451A Vernon	50.83 304	P	P	22 35 40.5 +1.8	
KESR Kesra	50.90 50	LR	LR	22 57 47.5	
comp-Z,279nm,19.1s,baz=248,slow=37					
TKL Tuckaleechee C	50.92 310	LR	LR	22 52 41.8	
comp-Z,212nm,21.4s,baz=114,slow=31					
TKL Tuckaleechee C	50.92 310	P	P	22 35 40.0 +0.6	
TEIG Tepich	50.98 290	P	P	22 35 40.2 +0.2	
comp-Z,20nm,1.4s					
X51A Calhoun	51.35 309	P	P	22 35 43.8 +1.2	
comp-Z,11nm,1.1s					
W50A Signal Mountai	51.92 309	P	P	22 35 48.2 +1.3	
comp-Z,1.1nm,1.2s					
P51A Williamsport	51.93 315	P	P	22 35 47.2 +0.5	
comp-Z,8.5nm,0.8s					
SADO Sadowa	51.93 323	LR	LR	22 53 24.2	
comp-Z,103nm,20.2s,baz=154,slow=31					
SSB Saint Sauveur	52.07 37	P	P	22 35 47.3 -0.5	
SSB Saint Sauveur	52.07 37	P	P	22 35 47.9 +0.1	
comp-Z,4nm,1.2s					
MT09 Talagante	52.11 216	P	P	22 35 47.8 -0.5	
Y49A Blount Mountai	52.34 307	P	P	22 35 50.4 +0.4	
SWET Sewanee	52.41 309	I	I	22 35 51.0 +0.5	
comp-Z,8.2nm,1.1s					
LRAL Lakeview Retre	52.55 306	P	P	22 35 52.7 +1.1	
comp-Z,8.0nm,1.1s					
BO02 Sierra Bellavi	52.72 215	P	P	22 35 53.0 +0.2	
comp-Z,12nm,1.0s					
U49A Red Boiling Sp	52.74 311	P	P	22 35 53.8 +0.9	
comp-Z,18nm,1.5s					
SCHQ Schefferville	52.79 339	LR	LR	22 54 35.6	
comp-Z,7.7nm,22.0s,baz=146,slow=32					
LOR Lormes	52.80 34	P	P	22 35 52.4 -0.8	
comp-Z,5.5nm,1.1s					
VLD0 Val d'Or	52.87 327	P	P	22 35 55.0 +1.4	
comp-Z,13nm,1.4s					
R49A Shelbyville	52.95 313	P	P	22 35 56.6 +2.2	
comp-Z,10nm,1.2s					
CLTN Cedars of Leba	53.01 310	P	P	22 35 56.4 +1.5	
X48A Hartsele	53.02 308	P	P	22 35 56.0 +1.0	
comp-Z,9.4nm,1.1s					
V48A Smith Brothers	53.27 309	P	P	22 35 57.1 +0.3	
comp-Z,10nm,1.2s					
PAYG Puerto Ayora	53.58 264	P	P	22 35 59.9 +0.5	
CWF Charnwood Fc	53.71 26	P	P	22 35 58.5 -1.3	
comp-Z,14nm,1.7s					
ML02 Panimavida	54.17 215	P	P	22 36 00.6 +0.2	
WWT Waverly	54.17 309	P	P	22 36 04.6 +1.2	
comp-Z,17nm,1.5s					
SENIN Lac Senin/Sane	54.28 37	P	P	22 36 03.5 -0.8	
comp-Z,9.0nm,1.4s					
BI02 San Fabin de	54.35 214	P	P	22 36 04.7 0.0	
EKA Eskdalemuir Ar	54.80 23	LR	LR	22 53 49.0	
comp-Z,7.3nm,21.0s,baz=194,slow=30					
ECH Echery	55.18 35	I	I	22 36 09.0 -1.5	
comp-Z,7.5nm,1.3s					
ECH Echer	55.18 35	P	P	22 36 09.4 -1.1	
comp-Z,5.6nm,1.3s					
BNAL Banpal	55.21 37	P	P	22 36 11.0 +0.1	
comp-Z,5.9nm,1.7s					
OLIV Olney	55.25 312	P	P	22 36 12.6 +1.4	
VAE Vaguarnera	55.33 49	LR	LR	22 58 25.5	
comp-Z,327nm,20.7s,baz=294,slow=35					
MEM Membach	55.88 32	P	P	22 36 14.9 -0.6	
comp-Z,1.1nm,1.9s					
BFO Black Forest	55.90 35	I	I	22 36 14.8 -1.0	

comp-Z,6.9nm,1.2s					
BFO Black Forest	55.90 35	P	P	22 36 15.5 -0.2	
DAVO Davos/Dischmat	56.03 37	LR	LR	22 56 26.1	
comp-Z,30nm,21.6s,baz=256,slow=32					
M44A Midway	56.17 315	P	P	22 36 19.1 +1.3	
DAVA Danuels	56.28 37	I	I	22 36 17.3 -1.4	
comp-Z,6.0nm,1.0s					
FDMO Fjordmonte	56.42 43	P	P	22 36 19.9 +0.4	
GO06 Carurehue	56.60 211	P	P	22 36 21.0 +0.1	
comp-Z,5nm,2.1s					
FETA Feichten	56.66 37	I	I	22 36 20.6 -0.7	
comp-Z,6.4nm,1.1s					
CGRP Cima Grappa	56.79 39	P	P	22 36 20.7 -1.6	
comp-Z,5.5nm,1.0s					
RETA Reutter	56.90 37	eP	eP	22 36 22.1 -0.9	
comp-Z,5.6nm,1.4s					
TNS Taunus Mts	56.97 33	P	P	22 36 22.0 -1.3	
comp-Z,5.5nm,1.1s					
PLCA Paso Flores	57.01 210	LR	LR	23 01 04.0	
comp-Z,277nm,18.6s,baz=42,slow=36					
BUG Bochum-Univers	57.01 32	P	P	22 36 22.9 -0.6	
comp-Z,9.8nm,1.7s					
MOTA Mossalm	57.04 37	I	I	22 36 22.8 -1.2	
comp-Z,3nm,1.3s					
SQTA Sankt Quirin	57.04 37	eP	eP	22 36 21.6 -2.4	
comp-Z,6.9nm,1.1s					
WATA Walderalm	57.32 37	I	I	22 36 23.7 -2.3	
comp-Z,3.8nm,0.9s					
WTTA Watterberg	57.32 38	eP	eP	22 36 24.0 -2.1	
comp-Z,3.9nm,1.0s					
ABTA Abfallersbach	57.62 38	I	I	22 36 26.7 -1.4	
comp-Z,2nm,1.1s					
LESA Schwarzloetel	58.02 38	I	I	22 36 29.3 -1.6	
GRG Grafenberg Arr	58.05 36	P	P	22 36 30.2 -0.7	
comp-Z,7.0nm,1.9s					
DRECH Drenchia	58.08 39	P	P	22 36 29.8 -1.4	
comp-Z,6.7nm,0.9s					
MYKA Terra Mystica	58.27 39	eP	eP	22 36 32.0 -0.5	
comp-Z,3.3nm,1.0s					
P40A Paris	58.41 312	P	P	22 36 34.0 +0.4	
comp-Z,9.5nm,1.0s					
BIOA Bad Ischl, Aus	58.73 38	eP	eP	22 36 34.8 -0.9	
comp-Z,4.7nm,1.3s					
S39A Bolivar	58.83 310	P	P	22 36 36.9 +0.3	
comp-Z,4.1nm,0.7s					
SOKA Soboth	59.16 39	I	I	22 36 38.5 -0.3	
comp-Z,5.2nm,1.1s					
MOA Molin	59.18 38	I	I	22 36 37.5 -1.3	
comp-Z,6.1nm,1.4s					
GERES GERESS Array B	59.27 37	P	P	22 36 38.7 -0.8	
comp-Z,3.3nm,0.3s,baz=250,slow=6.4,SNR=4.6					
KHC Kasperske Hory	59.33 36	P	P	22 36 39.6 -0.3	
comp-Z,3.2nm,2.6s					
ARSA Arzberg	59.70 39	eP	eP	22 36 43.5 +1.0	
comp-Z,4.3nm,1.5s					
CLL Collim	60.01 34	eS	S	22 44 59.0 +1.9	
comp-Z,200nm,21.9s					
TSUM Tsumeb	60.13 117	LR	LR	22 56 35.9	
comp-Z,82nm,21.4s,baz=308,slow=30					
BRU Pruhonice	60.27 36	P	P	22 36 45.1 -1.2	
comp-Z,2.9nm,1.8s					
PRG Berggiesshobel	60.33 35	eP	eP	22 36 38.9 -7.8	
BRG	60.33 35	Amp	Amp	22 36 40.8	
comp-Z,3.4nm,1.2s					
BRG Berggiesshobel	60.33 35	Amp	Amp	22 37 33.8	
comp-Z,1.6nm,1.0s					
BRG Berggiesshobel	60.33 35	P	P	22 37 31.2 +8.4	
RONA Rosalia, Austr	60.36 39	I	I	22 36 46.4 -0.7	
comp-Z,7.4nm,1.0s					
FRB Froebisher Bay	60.45 345	LR	LR	22 58 55.2	
comp-Z,7.0nm,21.8s,baz=135,slow=32					
TREC Trest	60.53 40	P	P	22 36 46.5 -1.6	
comp-Z,4.6nm,1.2s					
MPLH Magyarpoly	60.93 37	P	P	22 36 50.5 -0.4	
comp-Z,1.9nm,1.9s					
ZST Bratislava	61.05 38	eP	eP	22 36 51.6 -0.1	
PHP Peschiera	61.06 46	P	P	22 36 49.8 -2.1	
comp-Z,5.5nm,2.1s					
VRAC Vranov	61.19 37	LR	LR	22 59 42.4	
comp-Z,159nm,22.0s,baz=251,slow=32					
VRAC Vranov	61.19 37	P	P	22 36 51.5 -1.1	
comp-Z,1.7nm,2.1s					
MDCS Modra-Piesok	61.23 38	eP	eP	22 36 52.5 -0.4	
UPICE Upec	61.35 36	P	P	22 36 52.9 -0.7	
comp-Z,5.9nm,1.9s					
BRDY Brady	62.08 301	I	I	22 36 58.0 -2.9	
comp-Z,4.2nm,0.9s					
KAN01 Argonia South	62.13 308	P	P	22 36 59.6 +0.4	
GRG Griwa	62.28 48	P	P	22 36 59.8 -0.3	
comp-Z,15nm,1.4s					
LANS Lipovska Anna	62.87 38	eP	eP	22 37 04.4 +0.5	
ECSO EROS Data Cent	62.92 315	P	P	22 37 05.3 +1.0	
comp-Z,4.3nm,0.9s					
IDI Anoyin	62.95 54	LR	LR	23 06 19.9	
comp-Z,8nm,1.0s					
BGNE Belgrade	63.40 313	P	P	22 37 07.6 0.0	
DRGR	63.41 41	P	P	22 37 12.0 -0.4	
comp-Z,4.2nm,1.0s					
NOA NORSAR Array B	64.27 24	P	P	22 37 12.1 -0.9	

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Los Peladeros, Juntas del Tor, Tololo Observa, etc.

IDC 11 00:51:08.74.2.34.66N:69.67E, h0km, mb3.75, mbtmp3.8/10, ML3.6/5, Error ellipse: s-maj=69.0km s-min=20.7km az=150.0

NNC 11 00:51:14.62.2.2.34.75N:69.34E, h35km, mb6km, mb4.2, mtp4.0, Error ellipse: s-maj=33.7km s-min=14.7km az=167.0

ISC 11 00:51:15.62.0.34.39N:02.693E.0.1, h35km, n17, c230/20, mb3.8/4.4, Southeastern Afghanistan

Main table for station data in the 603 section, listing various stations and their parameters.

VAO 11 00:57:12.0.1.5.21.12S:69.39W, h81km, 8km, mb4.4, Presumed earthquake

SJA 11 00:57:19.8.0.5.20.82S:69.08W, h129km, 3km, ML3.9, MW3.9

NEIC 11 00:57:20.7.1.2.20.85S:03.69.03W.0.09, h124km, 6km, mb4.6/16, ML4.0(GUC), Error ellipse: s-maj=12.4km s-min=4.0km az=98.0

GUC 11 00:57:21.6.0.7.20.85S:68.98W, h114km, 3km, ML4.0

IDC 11 00:57:33.4.2.4.19.83S:68.24W, h187km, 19km, mb3.5/4, mbtmp4.0/8, Error ellipse: s-maj=30.7km s-min=22.7km az=58.0

Table for station data in the 603 section, including stations like IPOC Station P, IPOC Station S, etc.

Main table for station data in the 2020 SEP section, listing various stations and their parameters.

Table for station data in the 11d 1h section, listing various stations and their parameters.

AUST 11 01:33:21.9.1.2.18.56S:12.10E.1, h11km, 9km, mb4.3/15, ML2.9/6, Error ellipse: s-maj=16.0km s-min=4.7km az=138.0, confirmed, Western Australia

Main table for station data in the 11d 1h section, including stations like Eighty Mile Be, Broome Senior, etc.

NDI 11 01:36:03.5.1.2.19.99N:72.85E, h5km, ML3.7, MW3.7, Presumed earthquake, Southern India

Table for station data in the 11d 1h section, including stations like Bombay, Poona, Karad, etc.

11d 3h

Table with columns for country/region, name, time, and status. Includes entries like GCAM G7zelcam!, VAY Valandovo, COMU COMU, etc.

2020 SEP

Table with columns for country/region, name, time, and status. Includes entries like PVL Pivlikeni, KNIK Mula-Seydike, PDG Podgorica, etc.

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Table with columns for country/region, name, time, and status. Includes entries like MLR Muntele Rosu, MLR Muntele Rosu, MLR Muntele Rosu, etc.

KBA	Koelnbreinsper	11.51 324	P	Pn	03 03 41.5 -0.6	HAU	comp=Z,9.0nm,0.9s	pmx	pmx	NC602	NORSAR Array S	23.80 346	P	P	03 06 11.2 +1.1	
KWP	Kalwaria Pacla	11.52 358	Pn	Pn	03 03 42.6 +0.5	DIGO	Kars	15.82 75	P	P	NORES	NORESS Array B	23.82 343	P	P	03 06 09.9 -0.2
CTI	Castel Tesino	11.66 317	P	Pn	03 03 43.0 -1.1	KIV	Kislovodsk	15.83 62	eP	Pn	PMRV	Marv???	23.80 286	eP	P	03 06 10.1 -0.4
CTI	Castel Tesino	11.66 317	P	Pn	03 03 43.0 -1.1	KIV	Kislovodsk	15.83 62	eP	pmx	PCBR	Castelo Branco	23.84 284	eP	P	03 06 10.5 -0.2
ABTA	Abfaltersbach	11.68 321	ePn	Pn	03 03 42.6 -1.7	KIV	comp=Z,8.0nm,1.0s			MLR	MTE	Manteigas	23.84 285	eP	P	03 06 10.9 -0.2
ABTA	comp=Z,2.8nm,0.5s					KIV	comp=Z,2.1nm,14.0s			MLR	MTE	Manteigas	23.84 285	IAMB	IAMB	03 06 12.2
MOA	Molin	11.71 329	i Pn	Pn	03 03 46.2 +1.5	KIV	Kislovodsk	15.83 62	IAMB	Pn	RAYN	Ar Rayn	23.98 121	P	P	03 06 09.8 -1.0
MOA	comp=Z,5.2nm,0.6s					KIV	comp=Z,2.1nm,14.0s			IAMB	RAYN	Ar Rayn	23.98 121	P	pmx	03 06 11.8 -0.4
MOA	comp=Z,2.1nm,0.5s					KIV	comp=Z,2.1nm,14.0s			IAMB	RAYN	Ar Rayn	23.98 121	P	pmx	03 06 11.8 -0.4
MOA	comp=Z,4.2nm,1.1s	11.71 329	P	Pn	03 03 45.8 +1.1	KBZ	Khabaz	15.92 63	Pn	Pn	RAYN	Ar Rayn	23.98 121	P	IAMB	03 06 11.8 -0.4
KZIT	Kziot	11.71 124	P	Pn	03 03 44.5 -0.3	KBZ	Khabaz	15.92 63	i P	P	RAYN	Ar Rayn	23.98 121	P	IAMB	03 06 14.0
BIOA	Bad Ischi, Aus	11.85 327	ePn	Pn	03 03 44.8 +1.9	TNS	Tanus Mts	16.03 324	P	P	RAYN	Ar Rayn	23.98 121	P	P	03 06 13.3 +1.1
BIOA	comp=Z,2.8nm,0.8s					TNS	Tanus Mts	16.03 324	P	P	PESTR	Estremoz	24.04 281	eP	P	03 06 12.6 0.0
BIOA	comp=Z,2.3nm,0.7s					CLF	Clausthal	16.41 331	P	P	PMTS	Visu	24.08 286	eP	P	03 06 12.7 -0.3
LESA	Schwarzeleota	12.08 324	i Pn	Pn	03 03 51.0 +1.2	SMF	Signal de Lant	16.61 307	eP	P	NB2	NORSAR Subarra	24.15 346	P	P	03 06 13.7 +0.3
MSBI	Mazda	12.10 120	P	Pn	03 03 49.7 -0.2	MNK	Minsk	16.71 10	i P	Pn	NOA	NORSAR Array B	24.15 346	P	P	03 06 13.0 -0.4
MSBI	comp=Z,4.9nm,0.7s					MNK	Minsk	16.71 10	i P	Sn	NOA	comp=Z,2.8nm,1.1s				03 07 00.1
MSBI	comp=Z,4.9nm,0.7s					MNK	comp=N,8.0nm,0.8s			pmx	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
MSBI	comp=Z,4.9nm,0.7s					MNK	comp=N,8.0nm,0.8s			pmx	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
VRAC	Vranov	12.16 339	LR	LR	03 08 57.5	MNK	comp=N,8.0nm,0.8s			pmx	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
GHAJ	Ghor Haditha	12.25 120	P	Pn	03 03 53.2 +1.1	MNK	comp=Z,6.0nm,0.8s			pmx	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
GHAJ	Ghor Haditha	12.25 120	P	Pn	03 03 52.3 +0.3	MNK	comp=E,14nm,0.8s			pmx	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
GHAJ	Ghor Haditha	12.25 120	P	Pn	03 03 54.3 +2.2	MNK	comp=N,55nm,14.0s			MLR	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
RJOB	Jochberg	12.25 325	P	Pn	03 03 54.5 +2.4	MNK	comp=N,55nm,14.0s			MLR	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
RJOB	comp=Z,4.5nm,0.5s					MNK	comp=N,55nm,14.0s			MLR	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
LUBAR	Lubar, Ukraine	12.26 14	Pn	Pn	03 03 52.0 -0.1	MNK	comp=Z,260nm,14.0s			i P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
OJC	Ojcow	12.35 350	P	Pn	03 03 55.2 +1.9	MNK	comp=E,14nm,0.8s			i P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
OJC	Ojcow	12.35 350	Pn	Pn	03 03 54.2 +0.9	MNK	comp=N,8.0nm,0.8s,baz=193			i P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
OJC	Ojcow	12.35 350	Pn	Pn	03 03 55.2 +1.9	MNK	comp=N,8.0nm,0.8s,baz=193			i P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
WTJA	Wattenberg	12.47 321	ePn	Pn	03 03 55.6 +0.5	MNK	comp=Z,6.0nm,0.8s			i P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
WTJA	comp=Z,1.1nm,1.2s					MNK	comp=Z,6.0nm,0.8s			i P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
WTJA	Wattenberg	12.47 321	ePn	Pn	03 03 55.6 +0.5	MNK	comp=Z,6.0nm,0.8s			i P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
WTJA	comp=Z,2.0nm,0.4s					MNK	comp=Z,6.0nm,0.8s			i P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
WTJA	Wattenberg	12.47 321	ePn	Pn	03 03 55.6 +0.5	MNK	comp=Z,6.0nm,0.8s			i P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
WTJA	comp=Z,2.0nm,0.4s					MNK	comp=Z,6.0nm,0.8s			i P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
PRNI	Paran	12.47 125	P	Pn	03 03 54.9 -0.3	MNK	comp=N,55nm,13.6s			i P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
PRNI	Paran	12.47 125	P	Pn	03 03 54.9 -0.3	MNK	comp=N,55nm,13.6s			i P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
PRNI	Paran	12.47 125	P	Pn	03 03 54.9 -0.3	MNK	comp=N,55nm,13.6s			i P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
PRNI	Paran	12.47 125	P	Pn	03 03 54.9 -0.3	MNK	comp=N,55nm,13.6s			i P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
WATA	Walderalm	12.54 321	ePn	Pn	03 03 57.9 +1.7	MNK	comp=E,235nm,14.0s			i LRM	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
WATA	comp=Z,2.9nm,0.5s					MNK	comp=E,235nm,14.0s			i LRM	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
WATA	Walderalm	12.54 321	ePn	Pn	03 03 57.9 +1.7	MNK	comp=E,235nm,14.0s			i LRM	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
WATA	comp=Z,2.9nm,0.5s					MNK	comp=E,235nm,14.0s			i LRM	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	Sankt Quirin	12.65 320	ePn	Pn	03 03 59.4 +1.7	LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	comp=Z,2.2nm,0.6s					LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	Sankt Quirin	12.65 320	ePn	Pn	03 03 59.4 +1.7	LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	comp=Z,2.2nm,0.6s					LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	Sankt Quirin	12.65 320	ePn	Pn	03 03 59.4 +1.7	LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	comp=Z,2.2nm,0.6s					LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	Sankt Quirin	12.65 320	ePn	Pn	03 03 59.4 +1.7	LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	comp=Z,2.2nm,0.6s					LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	Sankt Quirin	12.65 320	ePn	Pn	03 03 59.4 +1.7	LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	comp=Z,2.2nm,0.6s					LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	Sankt Quirin	12.65 320	ePn	Pn	03 03 59.4 +1.7	LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	comp=Z,2.2nm,0.6s					LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	Sankt Quirin	12.65 320	ePn	Pn	03 03 59.4 +1.7	LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	comp=Z,2.2nm,0.6s					LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	Sankt Quirin	12.65 320	ePn	Pn	03 03 59.4 +1.7	LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	comp=Z,2.2nm,0.6s					LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	Sankt Quirin	12.65 320	ePn	Pn	03 03 59.4 +1.7	LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	comp=Z,2.2nm,0.6s					LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	Sankt Quirin	12.65 320	ePn	Pn	03 03 59.4 +1.7	LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	comp=Z,2.2nm,0.6s					LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	Sankt Quirin	12.65 320	ePn	Pn	03 03 59.4 +1.7	LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	comp=Z,2.2nm,0.6s					LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	Sankt Quirin	12.65 320	ePn	Pn	03 03 59.4 +1.7	LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	comp=Z,2.2nm,0.6s					LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	Sankt Quirin	12.65 320	ePn	Pn	03 03 59.4 +1.7	LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	comp=Z,2.2nm,0.6s					LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	Sankt Quirin	12.65 320	ePn	Pn	03 03 59.4 +1.7	LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	comp=Z,2.2nm,0.6s					LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	Sankt Quirin	12.65 320	ePn	Pn	03 03 59.4 +1.7	LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	comp=Z,2.2nm,0.6s					LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	Sankt Quirin	12.65 320	ePn	Pn	03 03 59.4 +1.7	LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	comp=Z,2.2nm,0.6s					LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	Sankt Quirin	12.65 320	ePn	Pn	03 03 59.4 +1.7	LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	comp=Z,2.2nm,0.6s					LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	Sankt Quirin	12.65 320	ePn	Pn	03 03 59.4 +1.7	LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	comp=Z,2.2nm,0.6s					LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				03 06 13.0 -0.4
SQTA	Sankt Quirin	12.65 320	ePn	Pn	03 03 59.4 +1.7	LOR	Lormes	16.86 309	eP	P	NOA	comp=Z,2.8nm,1.1s				

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like MOTA Moosalm, RETA Reutte, FETA Feichten, etc.

NEIC 11 04:25:44.4±0.9, 6.0N±0.1, 123.82E±0.09, h540km, 11km, mb4.1/17, Error ellipse: s-maj=18.4km s-min=12.4km az=178.0

IDC 11 04:25:45.2±3.5, 5.95N±1.23, 83E±562km±28km, mb3.3/10, mbtmp4.2/10, Error ellipse: s-maj=102.9km s-min=11.6km az=65.0

ISC 11 04:25:44.5±0.6, 5.94N±0.09, 123.8E±0.2, h550km, n32, ±0.67/35, mb3.9/18, Mindanao

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like TOLIZ Tolitoli, FAKI Fak Faki, MANTON Manton Dam, etc.

IDC 11 04:44:32.0±0.7, 5.01N±1.73, 94E±h0km, mb4.2/27, mbtmp4.3/29, ML4.5/3, MS3.5/45, Error ellipse: s-maj=18.3km s-min=11.1km az=178.0

NEIC 11 04:44:32.9±2.1, 5.01N±1.08, 173.99E±0.09, h10km, 4km, mb4.7/245, ML4.7(AIC), Error ellipse: s-maj=11.2km s-min=8.4km az=194.0

GFZ 11 04:44:33.0±0.3, 5.1°N±10'×17.4°E±1', h10km, M4.9/17, mb4.6/17, confirmed

GMCT 11 04:44:33.9±0.4, 5.01N±0.2, 173.94E±0.03, h15km, 2km, MW4.8/85, Moment Tensor Solution. s7, c8; s85, c124; Duration: 0 Moment tensor: Scale 10^16Nm; M1=0.35±0.09; M2=1.18±0.08; M3=0.82±0.07; M4=0.04±0.22; M5=1.09±0.06; M6=0.78±0.27; Best double couple: M1, 7.0000×10^16 Nf1=72.00000°, 863.00000°, 1-166.00000°, Nf2=63.35.00000°, 378.00000°, 1-28.00000°. Principal axes: T 1.7210, Plg10.0000°, Azm26.0000°; N -0.0420, Plg60.0000°, Azm134.0000°; P -1.6790, Plg28.0000°, Azm290.0000°; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

MOS 11 04:44:34.3±1.0, 5.01N±1.73, 94E±h32km, mb4.7/15 Error ellipse: s-maj=8.5km s-min=4.2km az=131.1

KRSC 11 04:44:34.9±2.0, 5.01N±1.73, 31E±h33km±43km, M15.0 AEIC 11 04:44:35.5±3.3, 5.01N±0.07, 173.82E±0.09, h10km, 4km, Error ellipse: s-maj=10.9km s-min=8.6km az=192.0

ISC 11 04:44:32.7±0.4, 5.0494N±0.07, 173.92E±0.04, h10km, n398, ±2.12/32, mb4.7/154, MS3.6/48, 12C, South of Aleutian Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like SHEM Shemya Is, SHEM Shemya Is, SHEM Shemya Is, etc.

PET comp-Z, 300nm, 1.0s 9.80 291 S Pn 04 46 53.3 -0.2

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like RUS Russkaya, RUS Russkaya, RUS Russkaya, etc.

11d 5h

Table of seismic data for 11d 5h, listing stations like BSO3, BSO4, JTNK, etc., with columns for station name, time, magnitude, and other parameters.

2020 SEP

Table of seismic data for 2020 SEP, listing stations like KSH2, G21K, H21K, etc., with columns for station name, time, magnitude, and other parameters.

612

Table of seismic data for 612, listing stations like MK31, AB31, NB2, etc., with columns for station name, time, magnitude, and other parameters.

11d 7h

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like I08BO, LPAZ, and AC02.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like ATAH, ATAH ANCO, and ATAH ANCO PTGB.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like CAM01, ARMEC, and ROSC.

Table with columns for station name, frequency, and signal strength. Includes stations like V. Platanar, Las Juntas de, JTS, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like TEIG Tepich, CMIG Matias Romero, CAMR Camarica, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like TXAR Lajitas Array, TXAR comp=Z,1.4nm,0.7s, etc.

MVCO	comp-Z,752nm,1.1s	68.74	328	↑P	P	07 46 56.2	+0.7
QSPA	comp-Z,185nm,0.8s,baz=271,slow=6,SNR=620	68.79	180	↑P	P	07 46 55.9	+0.5
QSPA	comp-Z,4.2nm,1.2s,baz=15,slow=20,SNR=1.5				S	07 55 57.6	+2.2
QSPA	comp-Z,8.1nm,1.1s,baz=287,slow=3.6,SNR=7.3				P/P/bc	08 15 06.0	-6.6
QSPA	comp-Z,5.2nm,2.1s,baz=170,slow=35				LR	08 16 19.9	
QSPA	comp-Z,185nm,0.8s	68.79	180	↑P	P	07 46 56.1	+0.7
QSPA	comp-Z,4.45nm,1.1s				I/Amb	07 47 18.6	
QSPA	comp-Z,185nm,0.8s	68.79	180	↑P	P	07 46 57.0	+1.6
QSPA	comp-Z,185nm,0.8s				pP	07 47 11.8	+2.6
OGNE	comp-Z,185nm,0.8s	68.86	334	↑P	P	07 46 55.9	-0.1
F42A	comp-Z,185nm,0.8s	68.87	346	↑P	P	07 46 55.2	-0.7
F42A	comp-Z,2.2nm,2.0s				I/Amb	07 47 16.5	
G40A	comp-Z,1.8nm,1.8s	68.89	345	↑P	P	07 46 54.9	-1.2
G40A	comp-Z,1.8nm,1.8s				I/Amb	07 47 16.9	
WUAZ	comp-Z,1.8nm,1.8s	68.94	325	↑P	P	07 46 57.9	+1.2
ECSO	comp-Z,1.8nm,1.8s	69.31	340	↑P	P	07 46 57.7	-1.0
ISCO	comp-Z,1.8nm,1.8s	69.43	331	↑P	P	07 47 00.4	+0.5
ISCO	comp-Z,1.8nm,1.8s	69.43	331	↑P	P	07 47 00.3	+0.5
DBIC	comp-Z,2.6nm,0.8s,baz=242,slow=6.0,SNR=3.1	69.56	74	↑P	P	07 47 00.5	-0.3
DBIC	comp-Z,2.6nm,0.8s,baz=148,slow=19,SNR=1.1				LR	08 17 07.9	
DBIC	comp-Z,2.6nm,0.8s,baz=247,slow=36				LR	08 17 07.9	
DBIC	comp-Z,2.6nm,0.8s	69.56	74	↑P	P	07 47 00.7	-0.1
DBIC	comp-Z,4.96nm,1.0s				pmax	07 47 00.7	-0.1
DBIC	comp-Z,4.96nm,1.0s	69.56	74	↑P	P	07 47 00.7	-0.1
DBIC	comp-Z,4.96nm,1.0s				I/Amb	07 47 22.5	
DBIC	comp-Z,4.96nm,1.0s	69.56	74	↑P	P	07 47 00.8	0.0
DBIC	comp-Z,4.96nm,1.0s				pP	07 47 15.5	+0.9
DBIC	comp-Z,4.96nm,1.0s				pP	07 47 06.8	+0.8
DBIC	comp-Z,4.96nm,1.0s				I/Amb	07 47 30.3	
BELO	comp-Z,1.1nm,1.2s	70.46	321	↑P	P	07 47 07.9	+0.9
PFO	comp-Z,1.1nm,1.2s	70.46	320	↑P	P	08 14 38.9	
PFO	comp-Z,1.1nm,1.2s	70.46	320	↑P	P	07 47 08.0	+1.9
PFO	comp-Z,1.1nm,1.2s				pmax	07 47 08.0	+1.9
PFO	comp-Z,1.1nm,1.2s	70.46	320	↑P	P	07 47 07.8	+1.7
PFO	comp-Z,1.1nm,1.2s	70.46	320	↑P	P	07 47 07.9	+1.9
PFO	comp-Z,1.1nm,1.2s				pP	07 47 22.2	+2.2
ELIB	comp-Z,1.1nm,1.2s	70.83	161	↑P	P	07 47 08.8	+0.9
ELIB	comp-Z,1.1nm,1.2s				pP	07 47 23.3	+1.5
HOR	comp-Z,1.1nm,1.2s	71.06	33	↑P	P	07 47 28.7	+1.9
HOR	comp-Z,1.1nm,1.2s				I/Amb	07 47 31.2	
HOR	comp-Z,1.1nm,1.2s				eS	07 56 31.6	+9.4
HOR	comp-Z,1.1nm,1.2s				SS	08 01 03.6	+6.8
HOR	comp-Z,1.1nm,1.2s				eLR	08 09 59.0	
HOR	comp-Z,1.1nm,1.2s				I/Ams_20	08 16 54.7	
CALA	comp-Z,2.8nm,18.0s	71.06	33	↑P	P	07 47 29.6	+2.0
CALA	comp-Z,2.8nm,18.0s				I/Amb	07 47 31.4	
F33A	comp-Z,2.8nm,18.0s	71.10	341	↑P	P	07 56 29.0	+6.5
F33A	comp-Z,2.8nm,18.0s				I/Amb	07 47 09.1	-0.4
PICO	comp-Z,2.8nm,18.0s	71.14	33	↑P	P	07 47 24.5	+1.4
PICO	comp-Z,2.8nm,18.0s				I/Amb	07 47 27.3	
PICO	comp-Z,2.8nm,18.0s				eS	07 56 33.4	+1.0
PICO	comp-Z,2.8nm,18.0s				LR	08 15 09.0	
PICO	comp-Z,2.8nm,18.0s				I/Ams_20	08 16 57.6	
PID	comp-Z,2.8nm,18.0s	71.25	34	↑P	P	07 47 25.8	+1.5
ROSA	comp-Z,2.8nm,18.0s	71.40	33	↑P	P	07 47 24.9	+1.3
ROSA	comp-Z,2.8nm,18.0s				I/Amb	07 47 28.9	
ROSA	comp-Z,2.8nm,18.0s				eLR	07 56 33.7	+7.4
ROSA	comp-Z,2.8nm,18.0s				LR	08 10 03.0	
ROSA	comp-Z,2.8nm,18.0s				I/Ams_20	08 17 04.4	
SRBC	comp-Z,2.8nm,18.0s	71.74	33	↑P	P	07 47 26.6	+1.3
SRBC	comp-Z,2.8nm,18.0s				I/Amb	07 47 30.6	
SRBC	comp-Z,2.8nm,18.0s				eS	07 56 49.6	+1.5
SRBC	comp-Z,2.8nm,18.0s				LR	08 16 15.0	
SRBC	comp-Z,2.8nm,18.0s				I/Ams_20	08 17 13.2	
PGRA	comp-Z,2.8nm,18.0s	71.77	33	↑P	P	07 47 27.4	+1.4
PGRA	comp-Z,2.8nm,18.0s				I/Amb	07 47 35.7	
PGRA	comp-Z,2.8nm,18.0s				eS	07 56 41.7	+6.5
PGRA	comp-Z,2.8nm,18.0s				LR	08 10 20.9	
PGRA	comp-Z,2.8nm,18.0s				I/Ams_20	08 17 14.6	
TCRU	comp-Z,2.8nm,18.0s	71.82	326	↑P	P	07 47 15.5	+1.1
TCRU	comp-Z,2.8nm,18.0s				I/Amb	07 47 37.9	
PSMN	comp-Z,2.8nm,18.0s	71.82	36	↑P	P	07 47 27.8	+1.4
PSMN	comp-Z,2.8nm,18.0s				I/Amb	07 47 30.2	
PSMN	comp-Z,2.8nm,18.0s				eS	07 56 37.7	+6.4
ADH	comp-Z,2.8nm,18.0s	71.87	34	↑P	P	07 47 28.7	+1.4
ADH	comp-Z,2.8nm,18.0s				I/Amb	07 47 36.5	
ADH	comp-Z,2.8nm,18.0s				eS	07 56 41.7	+6.6
ADH	comp-Z,2.8nm,18.0s				SS	08 01 15.8	+6.4
ADH	comp-Z,2.8nm,18.0s				LR	08 10 36.9	
ADH	comp-Z,2.8nm,18.0s				I/Ams_20	08 16 24.6	
PSBA	comp-Z,2.8nm,18.0s	71.91	34	↑P	P	07 47 27.5	+1.3
PAGU	comp-Z,2.8nm,18.0s	71.98	34	↑P	P	07 47 29.6	+1.5
PAGU	comp-Z,2.8nm,18.0s				I/Amb	07 47 32.3	
PAGU	comp-Z,2.8nm,18.0s				eS	07 56 35.7	+2.7
PAGU	comp-Z,2.8nm,18.0s				SS	08 01 15.8	+4.7
PAGU	comp-Z,2.8nm,18.0s				LR	08 10 36.9	
PAGU	comp-Z,2.8nm,18.0s				I/Ams_20	08 16 37.1	
PDA	comp-Z,2.8nm,18.0s	72.03	36	↑P	P	07 47 30.3	+1.5
PDA	comp-Z,2.8nm,18.0s				I/Amb	07 47 31.7	
PSET	comp-Z,2.8nm,18.0s	72.06	35	↑P	P	07 47 29.0	+1.3
PSET	comp-Z,2.8nm,18.0s				I/Amb	07 47 32.6	
PSET	comp-Z,2.8nm,18.0s				eS	07 56 43.6	-5.0
PSET	comp-Z,2.8nm,18.0s				LR	08 10 50.8	
PSET	comp-Z,2.8nm,18.0s				I/Ams_20	08 16 15.7	
CMLA	comp-Z,2.8nm,18.0s	72.12	36	↑P	P	07 47 33.5	+1.8
CMLA	comp-Z,2.8nm,18.0s				I/Amb	07 47 37.6	
CMLA	comp-Z,2.8nm,18.0s				eS	07 56 43.6	-5.1
CMLA	comp-Z,2.8nm,18.0s				SS	08 01 21.7	+8.5
CMLA	comp-Z,2.8nm,18.0s				LR	08 10 54.8	
CMLA	comp-Z,2.8nm,18.0s				eLR	07 47 31.1	+1.5
PCRON	comp-Z,2.8nm,18.0s	72.21	36	↑P	P	07 47 33.1	+1.5
BART	comp-Z,2.8nm,18.0s	72.33	36	↑P	P	07 47 33.6	+1.5
RSSD	comp-Z,2.8nm,18.0s	72.33	335	↑P	P	07 47 17.8	+0.5
RSSD	comp-Z,2.8nm,18.0s				pmax	07 47 17.8	+0.5
RSSD	comp-Z,2.8nm,18.0s	72.33	335	↑P	P	07 47 18.0	+0.7
RSSD	comp-Z,2.8nm,18.0s				pP	07 47 32.1	+0.9
AGMN	comp-Z,2.8nm,18.0s	73.19	342	↑P	P	07 47 21.4	-0.6
DUG	comp-Z,2.8nm,18.0s	73.19	327	↑P	P	07 47 23.5	+1.1
ACRG	comp-Z,2.8nm,18.0s	73.32	77	↑P	P	07 47 23.5	-0.1
ACRG	comp-Z,2.8nm,18.0s	73.32	77	↑P	P	07 47 23.6	+0.1
CWC	comp-Z,2.8nm,18.0s	73.37	321	↑P	P	07 47 24.6	+1.0
CWC	comp-Z,2.8nm,18.0s				I/Amb	07 47 27.2	
PDAR	comp-Z,2.8nm,18.0s	73.59	331	↑P	P	07 47 25.1	+0.3
PDAR	comp-Z,2.8nm,18.0s				I/Amb	07 47 29.6	+1.5
PDAR	comp-Z,2.8nm,18.0s				eS	07 56 50.8	-0.3
PDAR	comp-Z,2.8nm,18.0s				LR	08 22 35.8	
PDAR	comp-Z,2.8nm,18.0s	73.59	331	↑P	P	07 47 24.2	-0.6

PMOZ	Porto Moniz, M	73.73	44	eS	S	07 57 01.3	+8.0
PMOZ				eLR	LQ	08 06 03.4	
PMOZ				eLR	LR	07 47 15.0	
PMOZ				I/Ams_20	I/Ams_20	08 16 35.0	
PPFT	comp-Z,2.4nm,22.0s	74.46	257	↑P	P	07 47 33.7	+3.4
PPT	comp-Z,2.4nm,22.0s	74.48	257	↑P	P	07 47 31.5	+1.2
PPT	comp-Z,2.4nm,22.0s				LR	08 13 14.7	
ELK	comp-Z,2.4nm,22.0s	74.84	326	↑P	LR	08 19 58.0	
ELK	comp-Z,2.4nm,22.0s				LR	07 47 32.9	+0.8
ELK	comp-Z,2.4nm,22.0s				pP	07 47 33.9	+1.1
ULM	comp-Z,2.4nm,22.0s	74.96	343	↑P	P	07 47 31.7	-0.5
ULM	comp-Z,2.4nm,22.0s				LR	08 24 52.1	
ULM	comp-Z,2.4nm,22.0s	74.96	343	↑P	P	07 47 31.1	-1.2
ULM	comp-Z,2.4nm,22.0s	74.96	343	↑P	P	07 47 31.5	-0.8
ULM	comp-Z,2.4nm,22.0s				I/Amb	07 47 53.3	
SBA	comp-Z,2.4nm,22.0s	75.60	319	↑P	P	07 47 37.4	+1.1
SBA	comp-Z,2.4nm,22.0s				pP	07 47 39.0	+2.4
SBA	comp-Z,2.4nm,22.0s				pP	07 47 38.9	+2.9
SBA	comp-Z,2.4nm,22.0s				pP	07 47 38.4	+0.9
SBA	comp-Z,2.4nm,22.0s				pP	07 47 37.7	-0.2
SCHO	comp-Z,2.4nm,22.0s	75.97	2	↑P	P	08 22 46.0	
SCHO	comp-Z,2.4nm,22.0s				LR	08 22 46.0	
SCHO	comp-Z,2.4nm,22.0s	75.97	2	↑P	P	07 47 37.5	-0.4
SCHO	comp-Z,2.4nm,22.0s				I/Amb	07 47 59.6	
BOZ	comp-Z,2.4nm,22.0s	76.72	331	↑P	P	07 47 43.4	+0.7
VNDA	comp-Z,2.4nm,22.0s	76.79	190	↑P	P	07 47 44.6	+2.1
VNDA	comp-Z,2.4nm,22.0s				p		

Table with columns: KEST, KESRA, SNR, 93.95, 53, P, P, 07 49 10.1+0.8, etc. Includes entries like KEST, KESRA, RATA PEAKS, SAINT SAUVEUR, etc.

Table with columns: KHC, KASPERSKIE HORY, 101.75, 42, ePDIFF, Pdif, 07 49 44.5+0.4, etc. Includes entries like KHC, KASPERSKIE HORY, MOA, SOKA, etc.

Table with columns: SIM, comp=Z,40nm,9.4s, pmax, pmax, 07 54 29.9 -0.8, etc. Includes entries like SIM, comp=Z,40nm,9.4s, APA, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TNCH, CD2, CMAR, WHN, PZH, QZH2, KMI2, CNSH, GZHZ, GULI, QIZ, WBSM, FURC, LRM, QSM, GWA, WCT, HOED, RUST, HRAO, BOS, CRAIL, LBTB, and CODE.

IDC 11 07:43:55.2, 3.2, 53.63N, 87.19E, h0km, mbtmp2.7/2, ML2.3/2, Error ellipse: s-maj=27.4km s-min=20.4km az=91.0

ASRS 11 07:43:52.0, 0.9, 53.62N, 87.04E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022., Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU, ZALV, KURBB, KURBB, MKAR, PRE, HOED, RUST, HRAO, BOS, CRAIL, LBTB, and CODE.

PRE 11 07:46:46.3, 0.4, 27.75S, 31.67E, h5km, ML2.9, Presumed earthquake, South Africa

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOED, RUST, HRAO, BOS, CRAIL, LBTB, and CODE.

SOME 11 07:55:03.7, 44.55N, 77.00E, h5km, Eastern Kazakhstan

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRBS, KOTS, KURS, MDOK, KST, SATY, SHLS, CWC, CGO, MFS, DAC, WRVM, WVRM, WWSM, JRC2, JRC2, WVPM, WVPF, MPMC, MPMC, RCWM, RCWM, WNMN, WNMN, TIN, TIN, TOW, SPG2, CLC, CLC, GRAC, GRAC, GRAC, WORM, WORM, SRTG, WHFM, GPO, WASM, WASM, LCH, ISA, ISA, ISA, WBSM, FURC, FURC, FURC, LRM, LRM, LRM, QSM, QSM, QSM, GWA, WCT, WCT, DTP, DTP, CCAC, MAGC, TEJ, TEJ, MLAC, BAKC, MDCM, ARVC, MDPB, MDPB, GSC, GSC, FRI, FRI, SHOC, TPNV, TPNV, TJR, TJR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EDW2, EDW2, TPO, TPO, HYS, HYS, THC, THC, FOXC, FOXC, SBB, SBB, TPH, TPH, RRX, RRX, ALV, ALV, CRGC, CRGC, LHV, LHV, MPI, MPI, CARC, CARC, YEG, YEG, BCW, BCW, CJV, CJV, LRRC, LRRC, LOK, LOK, TUQ, TUQ, SMMC, SMMC, HOLC, HOLC, JNH, JNH, NV11, NV11, NVAR, NVAR, NVAR, NVAR, NVAR, NVAR, BLOC, BLOC, PASC, PASC, PAMP, PAMP, SHPR, SHPR, PASC, PASC, DJJ, DJJ, WAKR, WAKR, PSAM, PSAM, BBGB, BBGB, HAMR, HAMR, CMB, CMB, PRN, PRN, PRN, PRN, KVN, KVN, YERR, YERR, YERR, YERR, DANC, DANC, SAO, SAO, ELS, ELS, BELC, BELC, BELC, BELC, PNTR, PNTR, PNTR, PNTR, FORD, FORD, DNR, DNR, PMD, PMD, PFO, PFO, PFO, PFO, PFO, PFO, IRM, IRM, IRM, IRM, BORB, BORB, BORB, BORB, PAHR, PAHR, BC3, BC3, BC3, BC3, DPP, DPP, DPP, DPP, JRSC, JRSC, JRSC, JRSC, W13A, W13A, W13A, W13A, LCMT, LCMT, CCUT, CCUT, BAR, BAR, BAR, BAR, BLYC, BLYC, BLYC, BLYC, CVS, CVS, CVS, CVS, BMN, BMN, SZCU, SZCU, YUH, YUH, ORV, ORV.

WEL 11 08:31:07.3±0.9, 37°S, 6°18'0E±1, h12km, M3.5/12, ML3.4/14, MLV3.5/12, Error ellipse: s-maj=9.7km s-min=7.7km az=100.7, confirmed, Off east coast of North Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations and their recorded data for various earthquakes.

IDC 11 08:31:48.6±0.8, 8.40S, 129.72E, h91km, 6.3km, mb3.5/1, mbtmp3.8/4, ML3.9/3, Error ellipse: s-maj=62.1km s-min=50.0km az=179.0, Timor Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations and their recorded data for IDC 11 08:31:48.6±0.8, 8.40S, 129.72E.

IDC 11 08:33:16.8±0.8, 43.43N, 135.79E, h347km, 7km, mb3.2/8, mbtmp4.0/17, Error ellipse: s-maj=13.3km s-min=10.0km az=0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations and their recorded data for IDC 11 08:33:16.8±0.8, 43.43N, 135.79E.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations and their recorded data for various earthquakes.

SJA 11 08:39:42.0±0.9, 21.38S, 69.86W, h44km, 3km, ML3.6, MW3.4

GUC 11 08:39:42.7±0.7, 21.37S, 69.86W, h46km, 1km, ML3.6

ISC 11 08:39:43.9±1.2, 21.38S, 0.03, 69.86W, 0.06, h38km, 1.7km, n20, c067/40, 1C-40, Northern Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations and their recorded data for various earthquakes.

ISN 11 08:42:34.1±1.3, 34.55N, 45.74E, h16km, ML3.1, Presumed earthquake

TEH 11 08:42:38.0±34.35N, 45.77E, h16km, 101km, ML2.8

ISC 11 08:42:36.7±1.2, 34.35N, 0.06, 45.60E, 0.08, h10km, n8, c210/9, Iran-Iraq border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations and their recorded data for various earthquakes.

IDC 11 08:45:04.2±3.6, 53.67N, 87.92E, h0km, mbtmp2.8/2, ML2.4/2, Error ellipse: s-maj=26.1km s-min=18.7km az=73.0

ASRS 11 08:45:00.0±1.0, 53.67N, 87.94E, h0km, M2.8(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations and their recorded data for earthquakes of Russia in 2020.

IDC 11 08:48:17.1±7.2, 4.09N, 126.58E, h0km, mb3.9/7, mbtmp3.9/7, Error ellipse: s-maj=94.2km s-min=16.8km az=70.0

ISC 11 08:48:17.4±0.9, 4.0N, 0.1, 127.1E, 0.3, h36km, n10, c298/11, mb4.0/7, Talaud Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations and their recorded data for various earthquakes.

IDC 11 08:50:01.0±3.4, 53.53N, 87.59E, h0km, mbtmp2.9/2, ML2.7/2, Error ellipse: s-maj=26.6km s-min=16.3km az=72.0

ASRS 11 08:49:58.0±1.1, 53.57N, 87.65E, h0km, M2.8(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations and their recorded data for various earthquakes.

IDC 11 09:09:48.5±4.6, 54.22N, 87.43E, h0km, mbtmp2.8/2, ML2.4/2, Error ellipse: s-maj=40.8km s-min=24.3km az=55.0

ASRS 11 09:09:49.0±0.8, 54.13N, 87.15E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations and their recorded data for various earthquakes.

TAP 11 09:16:04.6, 23.85N, 121.70E, h47km, ML2.1, C, Taiwan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations and their recorded data for various earthquakes.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FUSHOU, YULI, TACHIAN, EIOSA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HUNGYE, WANGRONG, RUISUI, etc.

Station information for IDC 11 09:27:53.3, 2.1, 32.60N, 136.43E, h0km, mb3.3/2, mbtmp3.2/3, ML2.2/1, Error ellipse: s-maj=150.8km

Station information for JMA 11 09:27:55.3, 0.2, 32.7N, 135.9E, 0.7, h33km, 1km, MV3.3/3, S OFF KII PENINSULA

Station information for ISC 11 09:27:56.0, 3.2, 32.8N, 135.82E, 0.09, h25km, 16km, n10, #06115, Southeast of Shikoku

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JWKM, JMMH, JMMC, etc.

Station information for NNC 11 09:44:11.7, 2.0, 51.11N, 73.77E, h0km, mb3.4, mpv3.1, Error ellipse: s-maj=32.5km s-min=11.5km az=27.0, Suspected Mining explosion.

Station information for IDC 11 09:44:17.1, 6.1, 51.01N, 73.76E, h0km, mbtmp2.9/4, ML2.3/4, Error ellipse: s-maj=28.2km s-min=9.8km az=34.0

Station information for ISC 11 09:44:15.2, 1.2, 50.9N, 0.1, 73.58E, 0.09, h0km, n10, #15112, 3C-6D, Central Kazakhstan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BVB9, BVAR, KURBB, etc.

Station information for SJA 11 09:48:07.0, 0.5, 21.34S, 69.91W, h38km, 2km, ML3.9, MW3.8

Station information for ISC 11 09:48:06.1, 1.5, 21.35S, 69.95W, 0.06, h16km, 12km, n7, #169/51, 3C-5D, Northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, IPOC Station P, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, IPOC Station P, etc.

Table of seismic events with columns for station name, time, magnitude, and location. Includes events like Pinedale Array, Black Hills, Topopah Spring, and various array stations.

Table of seismic events with columns for station name, time, magnitude, and location. Includes events like UCR 11 14:13:26.8±0.3, UPA 11 14:13:26.8±1.1, and various array stations.

Table of seismic events with columns for station name, time, magnitude, and location. Includes events like WRA, FITZ, VANDA, GSPA, CMAR, and various array stations.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like NNS Nan Shan, NNSK Sanguang, NNSK Yanliu Villag, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like LOBH Bahía de las A, LOBH Bahía de las A, LOBH Bahía de las A, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like m4.3/7, MS3.5/21, North of Ascension Island, H10N2 ASCENSION HYDR 6.06 201, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like SSNC 11 15:45:12.4±1.5, 19°13'N-72°89'W, h20km±13km, MD3.5, ML3.2, Presumed earthquake, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like GLKZ Green Lake, GLKZ Green Lake, GLKZ Green Lake, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like JMA 42-64.0, NEAR MIYAKOJIMA ISLAND, ISC 11 16:09:53.5±1.4, 24°4'N-01°125'27'E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KVNV, J04A, Q19A, etc.

SDD 11 17:21:15.3.2.6, 1.8' 98N; 73.28W, h1km, 999km, MD3.7, ML2.7, MW3.0, Presumed earthquake

OSPL 11 17:21:15.1.1.1, 1.6' 05N; 73.20W, h0km, 11km, ML2.7, Presumed earthquake

ISC 11 17:21:15.3.2.6, 1.9' 02N; 0.07; 73.30W; 0.05, h31km, 26km, n16, c086/24, 12C, Haiti region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JIDR, L0DA1, MCDR, etc.

ISC 11 17:36:06.4.8.1, 3.6' 38N; 71.40E, h137km, 72km, mb3.0/1, mbtmp3.4/6, MS3.1/1, Error ellipse: s-maj=64.2km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IUG, MRKS, BRLS, etc.

AZER 11 17:43:47.1.38' 55N; 44.62E, h10km, ml2.6, ISK 11 17:43:47.9.38' 59N; 44.45E, h5km, ML2.7/9

TEH 11 17:43:52.5.38' 53N; 44.98E, h4km, 138km, ML2.6, Presumed earthquake

ISC 11 17:43:47.1.1.2, 3.85' 54N; 0.03; 44.62E; 0.02, h4km, 11km, n29, c126/46, Turkey-Iran border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CLDR, ISHB, IMRD, etc.

ISC 11 17:52:10.8.0.5, 5.70S; 29.58E, h0km, mb4.1/23, mbtmp4.1/27, ML1.9/1, MS3.6/26, Error ellipse:

NEIC 11 17:52:10.9.1.6, 5.86S; 0.02; 29.76E; 0.09, h10km, 1km, mb4.4/39, Error ellipse: s-maj=15.2km s-min=3.2km az=82.0

GFZ 11 17:52:11.9.0.3, 6'S; 4.3'E, h10km, M4.5/11, mb4.5/11, Error ellipse: s-maj=13.9km s-min=2.7km az=107.2, confirmed

ISC 11 17:52:11.8.0.4, 5.84S; 0.04; 29.67E; 0.08, h5km, n14, c166/99, mb4.4/43, MS3.6/20, 4C, Lake Tanganyika region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MBAR, KMB0, KIBK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MATP, TSUM, TSUM, etc.

BOSA Boshof 23.03 190 P P 17 57 18.6 +1.9

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BOSA Boshof 23.03 190 P P 17 57 18.6 +1.9

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BOSA Boshof 23.03 190 P P 17 57 18.6 +1.9

comp=Z,0.8nm,0.7s
ILAR Eielson Array 149.96 311 PKPbc PKPbc 19 36 41.2 +1.1

IDC 11 19:18:23.8:1.4, 6.41S:147.14E, h0km, mb3.6/4,
mbtmp3.7/6, ML3.2/1, MS3.2/1, Error ellipse: s-maj=43.4km

ISC 11 19:18:30.3:1.2, 6.55:0.1, 147.1E:0.2, h49km, n8, c1f63/8,
mb3.6/4, Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, KAPI Kappang, CMAR Chiang Mai Arr, GSPA South Pole Qui, ILAR Eielson Array, TORO Torodi Arr.

JMA 11 19:31:04.7:0.1, 24.1N:122.22E:0.3, h53km, 2km,
MV2.7/12, TAIWAN REGION
TAP 11 19:31:05.1, 24.26N:122.19E, h57km, ML3.6, B

ISC 11 19:31:05.3:1.2, 24.24N:0.02, 122.22E:0.02, h50km, 5km,
n205, c1f33/381, 7C-40, Taiwan region

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Lists numerous stations including EIOS, EIOS2, EIOS4, EIOS5, EIOS6, EIOS7, EIOS8, EIOS9, EIOS10, etc.

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Lists numerous stations including HGSD WUSB Renai, WUSB WUSB, YM01 YM01, Wufeng Townshi, Kuosheng, Wanrong, Guanxi Townshi, Hungye, WVDT WVDT, YM08 YM08, Zhuzhuyi, Kuangyinjshanz, Nanyang, Taoyuan, Zhudong, Changbin, Danshui, Taichung City, Emei, Chenhua, Puili Township, Nanjuang, National Centre, Zhongli, Guoxing, Yuli, Beigang Elemen, Hsinchu, Suanglung, Suanglung, Suanglung, Hsinchu, Sun Moon Lake, Hsinchu, Chenggong, Yuchr, Zhunan, Xinwu Township, Liyutan, Fuli, Miaoli, Sanyi, Iriomote-Funau, Xinyi Township, Chengkung, Yu-Shan, Pengchayiu, Wufeng, Taichung, Haiduan, Zhushan, Hateruma jima, Dajia District, Nantou City, Mingjian, Chishang, Alishan, Donghe, Lidau, Yuanlin Townsh, Zhonghua, Changhua City, Tsauling, Taichung City, Kuro-shima, Gukeng, Douliou City, Douliu, Longtian, Fanlu, Ludao, Taoyuan, Taoyuan, Guolierin Hig, Ta-pu, Ta-pu, Ta-pu, Ishigaki jima, Erlin, Minshiang, Beinan, Beinan, Pinglang, Tuku, Taitung, Taitung.

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Lists numerous stations including WTP Ta-pu, WTP WTP, CHY Chiayi, WCTY Ta-ch'eng, WCTY WCTY, TWK Hsinying, TWK TWK, CHN1 Nanshi, CHN1 CHN1, Tainan City, WMLT Mailiao, WMLT WMLT, SGST Jiashian, SGST SGST, SLGT Liugui, SLGT SLGT, JISG Ishigakijimahi, JISG JISG, WSF Szu, WSF WSF, WSL Shulin Townsh, WSL WSL, ICHU Yijhu, ICHU ICHU, ECL Taimali, ECL ECL, CHNB Yiju, CHNB CHNB, CHN3 Shinhua, CHN3 CHN3, SCST Cishan, SCST SCST, SSO Sandimen, SSO SSO, SSS Shanhua, SSS SSS, TSP Pingtung City, TSP TSP, TSMG Maja, TSMG TSMG, SHHT Tainan City, SHHT SHHT, SCLT Jiali, SCLT SCLT, SCLT Shoushan, SCLT SCLT, MASBT Mashubuluo, MASBT MASBT, MASBT Pingtung City, MASBT MASBT, TSPT Tawu, TSPT TSPT, TAI Tainan, TAI TAI, EAST Anshuo, EAST EAST, TSCCK Chigu Township, TSCCK TSCCK, TSCCK Dawu Township, TSCCK TSCCK, TSCCK Lan-yu, TSCCK TSCCK, SNUT Kaohsiung City, SNUT SNUT, LYUB Lan-yu, LYUB LYUB, SSPT Xinbi, SSPT SSPT, SCZT Fangliu, SCZT SCZT, SLIU Shizi, SLIU SLIU, WLCH Liuqu, WLCH WLCH, PNG Penghu, PNG PNG, PHUB Peng-hu, PHUB PHUB, Hsialuochui, Hsialuochui, TWP Tung, TWP TWP, WDGJ Dungi, WDGJ WDGJ, WDGJ Manzhou Townsh, WDGJ WDGJ, SMST Hengchun, SMST SMST, HEN Hengchun, HEN HEN, TSEB Hengchuen, Pin, TSEB TSEB, TWKBT Hengchun, TWKBT TWKBT, TWK1 Hengchun, TWK1 TWK1, VWUC VWUC, VWUC VWUC, VCHM Oimei, VCHM VCHM, Lienchiang, Lienchiang, MJM Miyakojima 2, MJM MJM, PTMZ Houtiangung, PTMZ PTMZ, LYJ Jianjiangzhen, LYJ LYJ, XPSS Dashiqui, XPSS XPSS, MHZQ Yeshan, MHZQ MHZQ, KNN Kinmen, KNN KNN, KNMB Chin-men Tao, KNMB KNMB, AXDP Jialang, AXDP AXDP, DSXP Dongshan, DSXP DSXP, Yanhouchang, Yanhouchang, SXFK SXFK.

IDC 11 19:49:04.8:1.4, 17.78N:122.90E, h0km, mb3.4/6,
mbtmp3.4/6, Error ellipse: s-maj=62.3km s-min=19.2km
az=59.0

MAN 11 19:49:18.0, 16.66N:120.17E, h56km, MS3.8
ISC 11 19:49:17.0:0.9, 16.72N:0.05, 120.07E:0.09, h43km, n14,
c3f49/15, mb3.5/5, Luzon

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Includes stations like BOLP Bolinao, BOLP BOLP, CVP Callao Caves, CVP CVP, PACPP Pamplona Cagay, PACPP PACPP, PCPS Palayan City, PCPS PCPS, TPGY Tagaytay City, TPGY TPGY, LQP Lukan, LQP LQP, GOP Guinayangan, GOP GOP, PPR Puerto Princes, PPR PPR, CMAR Chiang Mai Arr, CMAR CMAR, WRA Warramunga Arr, WRA WRA, ASAR Alice Springs, ASAR ASAR, MKAR Makanchi Array, MKAR MKAR, KURBB Kurchatov Arra, KURBB KURBB, BVAR Borovoye Array, BVAR BVAR, NOU Noumea, NOU NOU, WEL Wellington, WEL WEL, BACT Bactan, BACT BACT, HGSD Ruisui, HGSD HGSD.

mblmp3.7/4,MS3.6/6,Error ellipse: s-maj=63.6km s-min=18.2km az=58.0
ISC 11 20:11:03.1+1.6,36.74S,0.05:177.16E,0.03,h3km,1.0km,n98,e121/93,mb3.9/6,MS3.6/4,1C-2D,Off east coast of North Island

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their recorded data.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations like MSVF, STKA, CTA, ASAR, WRA, QSPA, DAV, TROLL, VNA3, VNA2, PLCA, CMAR, FINES.

IDC 11 20:25:47.1+1.5,4.51S,145.92E,h0km,mb3.4/4, mblmp3.4/6,ML2.7/2,Error ellipse: s-maj=35.0km s-min=19.0km az=76.0
ISC 11 20:25:50.7+1.3,4.55S,0.1:145.8E,0.2,h22km,n6,e1918/7, mb3.5/4,Near north coast of New Guinea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations like PMG, WRA, WRA, FITZ, CMAR, ILAR.

IDC 11 20:29:49.7+2.6,10.69S,118.88E,h0km,mb3.6/1, mblmp3.6/4,ML3.7/3,Error ellipse: s-maj=198.9km s-min=24.3km az=52.0,South of Sumbawa

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations like FITZ, WRA, WRA, ASAR, ASAR, MKAR.

KRSC 11 20:32:07.6+0.7,54.00N,168.33E,h15km,13km,MI3.8, Komandorsky Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations like BKI, BKI, MKZ, BZGR, SPN, KII, UGLR, SMAR, KRER, KRX, KOK, GNL, MTRV.

BUT 11 20:49:04.0+1.7,44.30N,103.15W,0.05,h7km,5km, Error ellipse: s-maj=6.5km s-min=3.0km az=57.0
NEIC 11 20:49:03.5+1.6,44.31N,103.15W,0.04, h12km,1.0km,ML3.2/108,ML3.6/26(BUT),Error ellipse: s-maj=4.5km s-min=3.1km az=55.0,Western Idaho

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations like HLID, PLID, MFID, CENCI, BMO, BMO, MCMT, MONT, DLINT, F10A, VCMT, HBMT, LRM, BPMT, BUT, BUT, J08A, MSQ, LNOR, QLMT, BOZ, BOZ, G08A, YHB, YHB, YHB.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations like YHL, ELMT, PCMT, YMR, E09A, FXWY, FXWY, HVU, YFT, YFT, YHH, YPP, YPP, FBMT, BEMT, WWOR, WWOR, WWOR, YPT, YNM, YNR, YNR.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations like BHMT, SWMT, SNOW, SNOW, SNOW, AHID, AHID, AHID, LYMT, LOHW, LOHW, JTM, E08A, E08A, ELK, ELK, SPUT, SPUT, SPUT, YMP, YMP.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations like HAWA, HAWA, YNE, YNE, YNE, HWUT, HWUT, D08A, WAH2, WAH2, E07A, E07A, G06A, G06A.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations like C09A, LDM, BMIN, DUG, DUG, DUG, HOOD, HOOD, HOOD, WIFE, WIFE, WIFE.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations like MOD, MOD, MOD, DUG, DUG, HOOD, HOOD, WIFE, WIFE, WIFE, NLU, BSUT, PAHR, RDMU, KATM, KVN, HATC, BEKR, PNTR.

BUI 11 21:08:19.4,32.22N,137.93E,h385km,mb4.7/16, mb4.6/61
JMA 11 21:08:20.8,0.4,32.22N,137.93E,h399km,MW4.1/33, FAR S OFF TOKAI DISTRICT
NIED 11 21:08:20.8,32.31N,137.94E,h399km,MW4.8,Moment Tensor Solution. s3 Moment tensor: Scale 10^16Nm; Mn=0.1; M0=-0.85; M00=0.74; M01=-0.41; M02=-1.28; Fault plane solution: M0.16200x10^16 NP1: 0.114,00000, 0.335,00000, 0.176,00000. NP2: 0.207,00000, 0.888,00000, 0.155,00000. mblmp4.7/4,MS3.6/6,Error ellipse: s-maj=8.1km s-min=7.1km

11d 21h

Table with columns for station ID, name, elevation, date, and various performance metrics. Includes stations like G18K, H18K, N17K, etc.

2020 SEP

Table with columns for station ID, name, elevation, date, and various performance metrics. Includes stations like SLKM, M22K, C23K, etc.

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Table with columns for station ID, name, elevation, date, and various performance metrics. Includes stations like L27K, BCAR, M27K, etc.

11d 21h

ellipso: s-maj=4.8km s-min=2.2km az=15.4, confirmed
MOS 11 21:45:21.81, 8.51, 74N:98.15E, h6km, mb3.8/1, Error
ellipso: s-maj=13.6km s-min=10.0km az=170.4

ISC 11 21:45:18.0, 7.51, 99N:0.04, 98.16E, 0.03, h10km, n31,
e291/50, 2D, Tuva-Buryatia-Mongolia border region

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Lists various seismic stations and their recorded data.

GFZ 11 21:57:00.1, 0.8, 27°N, 5°14'11"E, h416km, 7km, M4.6/24,
mb4.7/24

BUI 11 21:57:20.9, 28°56'N, 139°13'E, h487km, mb4.6/10,
mb4.9/54

JMA 11 21:57:21.3, 0.3, 28°8'N, 0.8, 13°9'E, h501km, 4km,
MV4.4/30, W OFF OGASAWARA

NIED 11 21:57:21.3, 28°8'N, 139°33'E, h501km, MW4.6, Moment
Tensor Solution, s3 Moment tensor: Scale 10^19Nm;

MOS 11 21:57:22.0, 7.2, 82°N, 138°9'E, h484km, mb4.7/55
Error ellipse: s-maj=7.8km s-min=4.6km az=112.2

NEIC 11 21:57:23.8, 1.5, 28°87'N, 0.08, 139°0E, 0.1, h483km, 5km,
mb4.2/261, Error ellipse: s-maj=13.6km s-min=11.6km
az=100.0

IDC 11 21:57:25.8, 1.1, 28°83'N, 138°9'E, h512km, 11km,
mb3.9/33, mbmp4.7/37, Error ellipse: s-maj=10.0km
s-min=6.9km az=77.0

ISC 11 21:57:23.8, 0.4, 28.84N, 0.04, 139.06E, 0.05, h492km, 4km,
n588, e1920/636, mb4.3/231, 21C-7D, Bonin Islands
region

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Lists various seismic stations and their recorded data.

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Main table listing seismic events with columns: JMZ, Minamidaito 2, JMZ, Matushiro Arr, MJAR, etc. Includes event details like magnitude, depth, and location.

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Table with columns: CD2, Chengdu, CD2, Ulaanbaatar, ULN, etc. Lists various seismic stations and their recorded data.

GS1	Gunungsitoli	48.09 243	P	P	22 05 18.8 +0.5	SNR=7.3	AAK	Ala-Archa	52.99 303	P	P	22 05 54.5 +0.4	G29M	comp=Z,12nm,1.2s	IAMB	IAMB	22 07 09.5	
FITZ	Fitzroy Crossi	48.43 197	S	S	22 11 41.2 -3.4	comp=Z,4.8nm,1.2s,baz=153,slow=12,SNR=3.0	MBWA	Marble Bar	53.09 203	P	IAMB	22 05 55.4 +0.7	BBOO	Bucklebo	61.38 183	P	P	22 06 51.6 +0.3
FITZ	Fitzroy Crossi	48.43 197	P	P	22 05 20.7 0.0		MBWA	Marble Bar	53.09 203	P	IAMB	22 05 56.0	M29M	Somme Creek	61.44 32	P	P	22 06 52.2 +0.7
WRB	Warramunga Arr	48.53 186	P	P	22 05 22.4 +0.3		MBWA	Marble Bar	53.09 203	P	IAMB	22 05 56.0	ARTI	Arti	61.45 321	P	P	22 06 51.2 -0.4
WRAB	Tennant Creek	48.70 186	P	P	22 05 22.4 +0.3		J18K	Innokou Ridge	53.13 30	P	P	22 05 55.5 +1.1	ARTI	Arti		S	S	22 14 33.8 -0.2
WRAB	Tennant Creek	48.70 186	P	P	22 05 22.9 -0.3		C19K	Lookout Ridge	53.22 23	P	IAMB	22 05 56.1 +1.1	ARTI	Arti		S	S	22 18 40.9 -4.4
WRAB	Tennant Creek	48.70 186	P	P	22 05 22.9 -0.3		C19K	Lookout Ridge	53.22 23	P	IAMB	22 05 56.9	ARTI	Arti		S	S	22 18 40.9 -4.4
WRB	Warramunga Arr	48.71 186	P	P	22 05 22.2 -0.5		O18K	Koktuh Hills	53.40 35	P	P	22 05 58.2 +1.7	ARTI	Arti	61.45 321	P	P	22 06 50.8 -0.8
WRA	Warramunga Arr	48.71 186	P	P	22 05 22.6 -0.2		EK2S	Erkin-Say	53.51 304	P	P	22 05 58.1 +0.3	L29M	L29M	61.49 31	P	P	22 06 52.6 +0.8
WRA	Warramunga Arr	48.71 186	P	P	22 06 39.7 +0.8		D19K	Kuna River	53.58 24	P	IAMB	22 05 58.3 +0.7	MORW	Morawa	61.64 203	P	P	22 06 54.0 +0.9
WRA	Warramunga Arr	48.71 186	P	P	22 11 45.4 -3.0		D19K	Kuna River	53.58 24	P	IAMB	22 05 58.6	F30M	Barrier River	61.86 26	P	P	22 06 55.7 +1.6
WRA	Warramunga Arr	48.71 186	P	P	22 05 22.6 -0.2		E19K	Redstone River	53.66 25	P	IAMB	22 05 59.6 +1.4	F30M	Barrier River	61.86 26	P	P	22 06 56.0
WRA	Warramunga Arr	48.71 186	P	P	22 05 22.6 -0.2		E19K	Redstone River	53.66 25	P	IAMB	22 06 00.2	AB31	Akbulak array	61.90 313	P	P	22 06 54.1 -0.5
WRA	Warramunga Arr	48.71 186	P	P	22 05 22.0 -0.8		J19K	Pooman	53.69 30	P	P	22 05 59.3 +0.9	ABKAR	Akbulak array	61.90 313	P	P	22 06 53.7 -0.9
K13K	Kusivak Mount	49.23 31	P	P	22 05 27.1 +1.0		L19K	White Mountain	53.80 32	P	P	22 06 00.5 +1.2	I30M	Mount Dempster	61.96 28	P	P	22 06 55.4 +0.5
K13K	Kusivak Mount	49.23 31	P	P	22 05 27.1 +1.0		M19K	Big River Lodg	53.99 32	P	P	22 06 02.7 +2.0	J30M	Hart River	62.07 29	P	P	22 06 56.4 +0.8
PDGK	Podgornoye	49.28 304	P	P	22 05 26.5 -0.5		Q19K	Cape Douglas,	54.14 36	P	P	22 06 01.3 -0.4	HYT	Haines Junction	62.13 33	P	P	22 06 58.3 +2.2
PDGK	Podgornoye	49.28 304	P	P	22 05 26.5 -0.5		D20K	Eitvluk River	54.16 24	P	IAMB	22 06 02.5 +0.8	G31M	Satah River	62.55 26	P	P	22 06 58.8 +0.4
WUS	Wushi	49.65 301	IAMB	IAMB	22 05 29.8 +0.1		D20K	Eitvluk River	54.16 24	P	IAMB	22 06 02.5 +0.8	G31M	Satah River	62.55 26	P	P	22 07 40.1
WUS	Wushi	49.65 301	IAMB	IAMB	22 05 31.5		OHAH	Old Harbor	54.26 38	P	P	22 06 02.9 +0.3	INK	Inuvik	62.60 25	P	P	22 06 59.3 +0.5
KURK	Kurchatov	49.79 314	CeP	P	22 05 30.0 -0.4		ARSB	Arslanbob	54.29 302	P	P	22 06 03.3 0.0	INK	Inuvik	62.60 25	P	P	22 07 32.6
KURK	Kurchatov	49.79 314	CeP	P	22 05 30.0 -0.4		ARSB	Arslanbob	54.29 302	P	P	22 06 03.3 0.0	INK	Inuvik	62.60 25	P	P	22 07 32.6
KURK	Kurchatov	49.79 314	CeP	P	22 05 30.0 -0.4		ARSB	Arslanbob	54.29 302	P	P	22 06 03.3 0.0	INK	Inuvik	62.60 25	P	P	22 07 32.6
KURK	Kurchatov	49.79 314	CeP	P	22 05 30.0 -0.4		ARSB	Arslanbob	54.29 302	P	P	22 06 03.3 0.0	INK	Inuvik	62.60 25	P	P	22 07 32.6
KURB	Kurchatov Arr	49.84 313	P	P	22 05 30.5 -0.3		ARSB	Arslanbob	54.29 302	P	P	22 06 03.3 0.0	INK	Inuvik	62.60 25	P	P	22 07 32.6
KURB	Kurchatov Arr	49.84 313	P	P	22 05 30.5 -0.3		ARSB	Arslanbob	54.29 302	P	P	22 06 03.3 0.0	INK	Inuvik	62.60 25	P	P	22 07 32.6
KURB	Kurchatov Arr	49.84 313	P	P	22 05 30.5 -0.3		ARSB	Arslanbob	54.29 302	P	P	22 06 03.3 0.0	INK	Inuvik	62.60 25	P	P	22 07 32.6
KURB	Kurchatov Arr	49.84 313	P	P	22 05 30.5 -0.3		ARSB	Arslanbob	54.29 302	P	P	22 06 03.3 0.0	INK	Inuvik	62.60 25	P	P	22 07 32.6
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.1 +0.8		K20K	Telda	54.29 31	P	P	22 06 03.9 +1.1	H31M	Peel River	62.70 28	P	P	22 07 00.5 +0.9
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		J20K	Novaya River	54.36 30	P	P	22 06 04.2 +1.1	H31M	Peel River	62.70 28	P	P	22 07 12.8
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		M20K	Styx River	54.58 33	P	P	22 06 05.7 +0.8	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		M20K	Styx River	54.58 33	P	P	22 06 05.7 +0.8	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30	P	P	22 05 32.2 +0.3		KD4K	Kodiak Island	54.66 38	P	P	22 06 05.2 -0.2	M31M	Drury Creek, Y	63.35 32	P	P	22 07 04.6 +0.7
J14K	Nanvaran Lak	49.94 30																

11d 22h

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Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like WIFE, J04A, YBH, M02C, NEW, O02D, K05A, MINK, MNK, ORV, BMO, BEKR, AK03, AKASG, AKASG, AKKB, AKKB, AKKB, AK01, KIEV, KIEV, KIEV, AK09, AK23, AK08, ARPR, PAHR, CMB, CMB, PNTR, PNTR, TOKA, TOKA, YERR, YERR, MFID, MFID, SUW, SUW, SUW, N0405, WAKR, LUBAR, BAL3X, RNP99, NB201, NC200, LYMT, NB2, NOA, NRP55, NB02, NB00, PKD, PKD, KVN, KVN, SORM, HLID, LHV, NVAR, GAZ, BNN, RAYN, RAYN, RAYN, ILGA, ILGA, KMPD, KMPD, ELK.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like ELK, YHL, BR131, BR131, BR131, BRTR, BRTR, BR104, BR106, BR105, GMM, GMM, MPMC, CLC, CLC, CLC, HVU, HVU, HVU, BURAR, BURAR, LRM, LRM, FXYW, FXYW, FURC, FURC, VRI, VRI, VRI, CCCC, CCCC, CCCC, TPNV, TPNV, TPNV, TPNV, BGU, BGU, QSM, QSM, GWY, GWY, SPUT, SPUT, SFJD, SFJD, SFJD, SFJD, GSC, GSC, GSC, GSC, DUG, DUG, DUG, DUG, HWUT, HWUT, PRN, PRN, PSUT, PSUT, SHPR, SHPR, MCQ, MCQ, MCQ, PDAR, PDAR, MMAI, MMAI, PFO, PFO, BELC, BELC, KSP, KSP, BC3, BC3, MORC, MORC, MORC, JAVC, JAVC, ELL, ELL, ELL, ELL, YRAC, YRAC, KRUC, KRUC, ULM, ULM, ULM, RONA, RONA, HON, HON, KHC, KHC, KHC, GEC2, GEC2, GEC2, GERE, GERE, ARSA, ARSA, MOA, MOA, BIOA, BIOA, SOKA, SOKA, KBA, KBA, LESA, LESA, EKA, EKA.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like ABTA, WATA, WTTA, MOTA, SQTA, RETA, DUN6, FETA, BFO, BFO, TASM, TASM, ANMO, ANMO, ANMO, ALQ, ALQ, ALQ, DAVA, DAVA, SBM, ITM, HSIG, HSIG, FUORN, TXAR, GSPA, GSPA, TORD, TORD, TROLL, TROLL, VNA2, VNA3, BOAV, ESPZ, LPAZ, PLCA, PLCA.

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like PMG, WRA, ASAR, SONM, VVDA, MKAR, ZALV, GSPA, ILAR, BVAR, TXAR, TORD.

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like VYAN, VYAN, VYAN, ERVC, ERVC, ERVC, TVAN, TVAN, ADCV, VMUR, VMUR, VMUR, VMUR, AKDM, AKDM, AKDM, GEVA, GEVA, GEVA, GEVA, MLAZ, MLAZ, OZAP, OZAP, DORK, CLDR, CLDR, CLDR, AGRB, AGRB, AGRB, DYDN, BLIS, GURU, PERV, KOTA, SRMT, HAKT, MUSU, VRTB.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like VRTB Varto-Mus, SIRR Sirmak, TABS TABBURUN-IGDIR, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like URKR Karanay, KRNK Karanay, AKT Akhty, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like GRGR Grenville, GRWR Mount Saint Ca, GRW Sisters, etc.

IDC 11 22:13:42.9±1.4, 43.00N±141.62E, h0km, mb4.1/9, mbtmp4.0/10, ML2.5/1, Error ellipse: s-maj=48.1km

NEIC 11 22:13:55.1±1.4, 42.49N±0.06±141.5E±0.1, h132km±9km, mb5.0/4, Error ellipse: s-maj=13.2km s-min=7.7km

JMA 11 22:13:55.5±0.1, 42.5N±0.4±141.5E±0.5, h124km±1km, MV3.1/37, S OFF TOMAKOMAI

ISC 11 22:13:54.6±0.7, 42.49N±0.04±141.52E±0.04, h131km±5km, n40, c0596/62, mb4.1/10, Hokkaido region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like JIAM Iburiatsuma, JEW Eniwo, JNB Noboribetsu, etc.

SDD 11 22:55:59.2±0.5, 20.14N±70.70W, h24km±7km, MD3.5, ML2.7, MW2.9, Presumed earthquake

OSPL 11 22:56:03.2±2.2, 20.16N±70.65W, h0km±11km, ML2.5, Presumed earthquake

ISC 11 22:56:00.6±1.2, 20.18N±0.03±70.66W±0.05, h11km±11km, n17, c1519/27, 12C, Dominican Republic region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like LUDR Luperon, SODR Sosua Marina B, LOPPI Punta Rusa, etc.

IDC 11 23:04:37.4±0.5, 62.14S±58.23W, h0km, mb4.3/13, mbtmp4.3/15, ML4.2/2, MS4.2/28, Error ellipse: s-maj=16.3km s-min=11.5km az=88.0

NEIC 11 23:04:39.2±2.2, 62.35S±0.05±58.5W±0.2, h10km±1km, mb4.5/4, Error ellipse: s-maj=13.5km s-min=4.4km az=236.0

GFZ 11 23:04:40.3±0.2, 62.2S±3.5W±1.0, h10km, M4.7/25, mb4.7/25, confirmed

GMCT 11 23:04:42.2±0.2, 62.33S±0.01±58.29W±0.03, h15km±1km, MW5.0/119, Moment Tensor Solution, s47, c55, s119, c174; Duration: 0 Moment tensor: Scale 1016Nm; M1-1.0E±.13; M2-0.6E±.10; M3-0.4E±.12; M4-0.9E±.35; M5-4.1E±.09; M6-1.7E±.37; Best double couple: M=7.75100±1016 NPI±267.00000°, 366.00000°, 17.00000°; NP2=6.40000°, 875.00000°, 1-155.00000°

Principal axes: T 4.7790, P16.0000, Azm134.0000; N -0.0510, P16.0000, Azm34.0000; P -4.7240, P16.280000, Azm227.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

ISC 11 23:04:39.4±0.3, 62.31S±0.05±58.36W±0.05, h10km±n120, c2510/106, mb4.6/37, MS4.3/28, 7C-4D, South Shetland Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like JUBA Jubany, ESPZ Base Esperanza, PMSA Palmer Station, etc.

MJAR Matsushiro Arr 6.47 204 AML Pn 22 15 27.9±0.4

SEY Semychkan 21.45 14 P 22 18 28.8±3.2

ZALV Zalesovo Beam 38.48 307 P 22 21 05.8±2.2

ZALV Zalesovo Beam 38.48 307 P 22 21 02.8±0.8

IKMAR Makanchi Array 41.50 297 P 22 21 29.5±0.9

MKAN Makanchi Array 41.50 297 P 22 21 28.8±0.2

KURK Kurchatov 42.80 304 P 22 21 37.4±1.5

KURB Kurchatov Arra 42.88 303 P 22 21 40.8±1.1

GHO Glorie Hole Cre 44.36 40 P 22 21 50.3±1.2

BVAR Borovoye Array 47.09 309 P 22 22 14.0±1.1

HYB Hyderabad 58.59 265 P 22 23 37.9±0.1

ARCES ARCESS Array B 58.94 338 P 22 23 40.0±0.5

ARCES ARCESS Array B 58.94 338 P 22 24 39.8

FINES FINES Array B 64.05 331 P 22 24 14.9±1.0

FINES FINES Array B 64.05 331 P 22 24 13.9±0.0

HFS Hagfors 69.17 335 P 22 24 47.4±1.0

NB201 NORSAR Array S 69.17 337 P 22 24 46.9±0.5

NB2 NORSAR Subarra 69.20 337 P 22 24 47.5±0.8

NOA NORSAR Array B 69.20 337 P 22 24 47.4±0.7

AZER 11 22:23:45.6, 41.83N±46.16E, h30km, ml2.5

MOS 11 22:23:46.5, 41.88N±46.40E, h20km, MPVA3.4

NORS 11 22:23:46.2, 41.90N±46.33E, h10km, MPVA3.3

DRS 11 22:23:47.5, 41.84N±46.28E, h24km

TRN 11 23:01:00.0, 10.30N±62.95W, h72km, MD4.0, Venezuela

FUNV 11 23:01:19.8, 10.54N±62.81W, h18km, MW3.3, Presumed earthquake

ISC 11 23:01:18.2±2.1, 10.48N±0.07±62.88W±0.04, h19km±6km, n13, c1909/25, Near coast of Venezuela

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like DMDM Guralp CMG5TDE, PSMG Mucurapo Girls, TRN Trinidad (W), etc.

TRN 11 23:01:19.8, 10.54N±62.81W, h18km, MW3.3, Presumed earthquake

ISC 11 23:01:18.2±2.1, 10.48N±0.07±62.88W±0.04, h19km±6km, n13, c1909/25, Near coast of Venezuela

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like GQSP South Pole Qui, GQSA South Pole Qui, GQSA South Pole Qui, etc.

ZKTA Zakatala 0.28 146 P 22 23 53.1±1.1

ZKTA Zakatala 0.28 146 P 22 23 58.7±0.3

IKMKR Kumukh 0.57 63 P 22 23 59.6±2.1

GNBR Gumb 0.66 38 P 22 24 09.1±1.7

GNBR Gumb 0.66 38 P 22 24 11.4±1.3

XNZR Khunzakh 0.70 18 P 22 24 01.6±0.3

XNZR Khunzakh 0.70 18 P 22 24 12.4±1.5

DMDM Guralp CMG5TDE 1.32 81 P 23 01 41.7±0.2

DMDM Guralp CMG5TDE 1.32 81 P 23 01 59.9±1.1

PSMG Mucurapo Girls 1.33 82 P 23 01 41.2±0.5

TRN Trinidad (W) 1.46 83 P 23 01 59.2±0.3

TRN Trinidad (W) 1.46 83 P 23 02 01.9±0.1

TRN Trinidad (W) 1.46 83 P 23 01 44.4±1.0

GRGR Grenville 2.03 36 P 23 02 03.6±0.8

ELIB Princess Elisa 30.56 143 P 23 10 52.1±0.5

VA03 San Esteban 30.57 340 P 23 10 56.1±3.1

ZON Zonda 31.49 343 P 23 11 01.4±0.4

CO02 Combarbal 31.49 339 P 23 11 08.0±0.8

GO04 Tololo Observa 32.15 340 P 23 11 16.1±0.2

CO01 Lutz del Tor 32.23 341 P 23 11 18.9±2.3

AC05 El Transito 34.38 341 P 23 11 26.8±0.3

Table with columns: Code, Station Name, Az, AzP, Op, Phase, ID, h, m, s, Res, ISC. Includes stations like AC02 Maricunga, SBA Scott Base, VDA Vanda, etc.

Table with columns: Code, Station Name, Az, AzP, Op, Phase, ID, h, m, s, Res, ISC. Includes stations like RABL Rabaul, KRVT Keravat, MANU Manus Island, etc.

Table with columns: Code, Station Name, Az, AzP, Op, Phase, ID, h, m, s, Res, ISC. Includes stations like TPUB Ta-pu, LBZ Lake Benmore, SSSLB Suonglung, etc.

BUI 11 23:30:50.9, 4.37S; 153.54E, h64km, mB5, 1/7, mb4.9/44 NEIC 11 23:30:52.8, 1.4, 4.61S; 153.07E, h70km, mB5, 1/7, mb4.9/44 az=155.0

SWZ Hoku Station 41.57 155 P P 23 38 34.7 +0.8 GIRL Giralia 41.73 241 P P 23 38 35.0 -0.4 YULB Yu-li 41.81 313 P P 23 38 36.2 +0.1

VDA Vanda 72.97 178 P P 23 42 15.3 +0.6 VDA Vanda 72.97 178 P P 23 42 15.3 +0.6 VDA Vanda 72.97 178 P P 23 42 15.3 +0.6

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like HIZ Hauiti, NMHZ Naumai, BKZ Black Stump Fm, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like TORO Torodi Ar. Bea, LBTB Lobate, BOSB Boshof, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like ARSA Arzberg, ARSA Arzberg, MOA Molin, etc.

IDC 11 23:46:02.5, 0.9, 15.585x12.94W, h0km, mb4.3/14, mbmp4.3/14, Error ellipse: s-maj=43.4km s-min=16.0km az=94.0

GFZ 11 23:46:04.1, 0.3, 15.5, 5x1.3W, h10km, M4.7/29, mb4.7/29, Error ellipse: s-maj=16.3km s-min=9.3km az=76.2, confirmed

GCMT 11 23:46:04.5, 0.3, 15.475x12.94W, h0km, mb4.3/14, mbmp4.3/14, Error ellipse: s-maj=43.4km s-min=16.0km az=94.0

NEIC 11 23:46:04.5, 1.6, 15.565x12.78W, h10km, 1km, mb5.0/113 Error ellipse: s-maj=16.9km s-min=13.5km az=169.0

ISC 11 23:46:04.0, 0.3, 15.535x12.89W, h10km, n203, s103/203, mb4.8/100, 2C-2D, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like SHEL Horse Pasture, H10N1 ASCENSION HYDR, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like BOURN Bourignon, DAVA Damuels, FETA Feiten, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like ARSA Arzberg, ARSA Arzberg, MOA Molin, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Adamsville, Corning, Sadowa, Smith Brothers, Waverly, etc.

ICD 11 23:46:59.3+1.7, 1.87S, 137.45E, h0km, mb3.7/5, mbmp3.6/7, ML3.4/2, Error ellipse: s-maj=76.6km s-min=21.6km az=84.0

ISC 11 23:47:05.5-1.5, 2.25S, 0.1+137.0E, 0.3, h35km, n7, g3666/7, mb3.7/5, Irian Jaya region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Warramunga Arr, WRA, FITZ, ASAR, MKAR, ZALV, VVDA, BVAR.

ICD 11 23:49:56.6+3.1, 1.5:58Sx13.14W, h0km, mb3.9/6, mbmp3.9/6, Error ellipse: s-maj=153.9km s-min=28.2km az=93.0

ISC 11 23:49:58.4+2.8, 15.65S, 0.2x13.1W, 0.9, h10km, n9, a0964/6, mb4.0/5, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ASCENSION HYDR, ASCENSION HYDR, ASCENSION HYDR, TORD, ESCD, BRTR, MLR, MAW, AKASG.

ICD 11 23:54:10.2+0.6, 15.53Sx13.29W, h0km, mb4.2/18, mbmp4.2/18, MS4.1/53, Error ellipse: s-maj=21.7km s-min=14.5km az=111.0

GFZ 11 23:54:12.6+0.2, 16.5S, 4.1W, h10km, M4.7/41, mb4.7/41, Error ellipse: s-maj=12.5km s-min=7.6km az=99.2, confirmed

NEIC 11 23:54:12.4+1.3, 15.56S, 0.106:13.23W, 0.09, h10km, 1km, mb5.0/58, Error ellipse: s-maj=16.1km s-min=5.6km az=239.0

GCMT 11 23:54:14.4+0.2, 15.64S, 0.03:13.32W, 0.01, h13km, 1km, MW4.9/122, Moment Tensor Solution. s37,c40; s122,c180; Duration: 0 Moment tensor: Scale 10^16Nm; M22=2.86e-16, M33=0.17e-09, M32=2.69e-11; Mn0.97e-29; M30.09e-06; NIP1=196.00000; 837.00000, 1-65.00000; NP2=345.00000; 857.00000; -1-108.00000; Principal axes: T 2.8570, P1g10.0000, Azm88.0000; N 0.4410, P1g15.0000, Azm355.0000; P -3.2950, P1g72.0000, Azm210.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves,

cutoff=50s. Triangular moment-rate function. ISC 11 23:54:11.8+0.4, 15.57S, 0.08:13.26W, 0.07, h10km, n213, c0881/74, mb4.6/99, MS4.2/54, 1D, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Horse Pasture, DBCIC, DBCIC, TSUM, TORD, BDFB, SUR, LBTA, LBTB, BOSA, BOSB, LSZ, MATP, CLDB, CPUP, POGA, MBAR, SIV, MDT, AVE, BOAV, BOAV, ORCD, LODK, KMBB, LPAZ, LPAZ, AC02, PB16, CO01, GO03, EVO, VNA1, PLCA, KEST, KEST, KEST, PAB, VNA2, VNA2, VNA2, ESDC, ESDC, VNA3, VNA3, UCM, SNA, SNA, SNA, TROLL, OPO, VAE, CEST, ATE, SJAF, PMSA, CEL, CEL, CEL, MTLF, ELIB, TIP, TIP, NNA, ATD, ATD, SDV, SJG, IDI, ORIF.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Saint Sauveur, ROSC, ATAH, GIMEL, XOR, LIT, LIT, LIT, EIL, EIL, PHP, TUE, BOURR, CTI, DAVOX, DAVA, DAVA, FETA, ECH, ABTA, SQTA, MOTA, UBR, RETA, WTTA, WTTA, BFO, BFO, WATA, MYKA, KBA, KBA, LESA, SOKA, MMAI, SESA, SESA, ASF, ARSA, ARSA, ARSA, ARSA, ARSA, MOA, MOA, MORH, MEM, RONA, CONA, GEC2, GEC2, GERES, GERES, GERES, WET, BORA, BORA, CKRC, KHC, KHC, MODS, RAYN, RAYN, LOT, KRUC, KRUC, KRUC, ARR, PRU, JAVC, JAVC, VRAC, VRAC, VRAC, WIMM, BR13, BRTR, BRTR, BRTR, MAW, MAW, MAW, MAW, ANDN, MORC, MORC, MORC, MORC, STEB, GAZ, TIRR.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TIRR, BNN, EKA, ILGA, OJC, TOKA, KELT, KOP, QSPA, GAMA, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GAMI, MNI, DDMP, NOU, NEIC, IDC, ISC, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DMDM, PSKH, TRN, GRGR, DJA, IDC, NEIC, ISC, etc.

TEH 12 00:17:02.8,34.63N,46.13E,h8km,62km,ML2.5, Presumed earthquake

ISC 12 00:17:04.3,34.64N,46.13E,h8km,ML2.3, Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like IDHR, IDHR, IDHR, ILBA, etc.

DJA 12 00:19:46.1,2.5,3°N,18°12'6E,h1km,39km,M3.6/7, ML3.6/7,Northern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes station GAMI.

TRN 12 00:51:16.3,10°38'N,62°75'W,h1km,MD3.6,Venezuela, Near coast of Venezuela

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ILAR, ILAR, ILAR, MKAR, etc.

ISC 12 00:13:6.0,4.934S,0°05:117.77E,0.04,h100km,n127, e218/122,mb4.3/23,2D,Sumbawa region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Code, Station Name, etc.

1202h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like HNR, BFZ, SAVO, MRZ, TATA, etc.

2020 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like CAN, AUSMG, PMG, CMA, MTSU, etc.

654

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like WRA, AS17, AS01, AS09, etc.

12d 2h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PMR Palmer, G08A Pilot Rock, RAGM Ragdoll Metal, etc.

2020 SEP

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TXAR TXAR, COLA COLA, TXAR Lajitas Array, etc.

656

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like CHTO Chiang Mai, CHTO Chiang Mai, CHTO Chiang Mai, etc.

Table with columns: ILAR, comp-Z, LR, LR, 03 13 47.9, 03 24 19.6, 02 52 43.9 0.0, 02 52 43.9 0.0, 02 53 08.9, 02 53 09.5, 02 53 06.1, 02 52 54.3, 02 53 04.6, 02 52 49.0 +1.3, 03 12 13.6, 02 52 47.6 -0.1, 02 52 49.0 +1.3, 02 52 47.3 -0.4, 02 52 50.2, 02 52 48.3 +0.1, 02 52 48.7 +0.4, 02 59 47.2 +2.0, 02 52 48.8 +0.4, 02 59 47.2 +2.0, 03 13 40.5, 03 13 41.7, 02 52 49.9 +1.5, 02 52 48.3 -0.1, 02 59 44.3 -1.0, 02 52 49.0 +0.6, 02 52 48.6 +0.2, 02 52 47.1 +1.1, 02 52 49.1 +0.6, 02 52 47.6 -0.5, 02 53 03.9, 02 52 49.3 +0.5, 02 52 49.3 +0.5, 03 13 42.3, 02 52 49.6 +0.1, 02 52 49.7 +0.1, 03 15 13.9, 02 52 50.8 +0.6, 02 52 50.7 +0.5, 02 52 50.8 +0.5, 03 13 49.5, 02 52 52.1 +1.4, 02 52 51.0 +0.8, 02 52 53.4 +2.4, 02 53 15.1, 02 53 20.7, 02 52 58.9, 02 53 08.3, 02 53 09.4, 02 52 55.4 +1.3, 02 52 54.2 -0.1, 02 53 13.6, 02 52 55.9 +0.9, 02 53 20.8, 03 13 16.7, 02 52 56.9 +0.9, 02 52 58.6 +2.6, 02 53 16.6, 02 52 57.1 +0.3, 02 52 58.2 +1.1, 02 53 17.7, 02 53 24.9, 02 53 04.0, 02 52 56.2 -2.7, 02 53 02.9, 02 53 14.9, 02 53 22.9, 02 53 01.2 +1.5, 02 53 15.9, 02 53 08.8 +0.4, 03 00 09.5 +2.3, 02 53 19.0, 02 52 59.9 -0.4, 02 52 21.1 +0.7, 02 53 01.0 +0.2, 02 53 01.2 +0.6, 02 53 00.2 -0.4, 02 53 20.7, 02 53 01.4 +0.6, 02 53 01.1 -0.4, 02 53 27.9, 02 53 23.0, 02 53 03.8 +1.2, 02 53 03.8 +0.5, 03 15 39.2, 02 53 03.0 -0.2, 02 53 02.9 -0.4, 03 00 08.1 -4.4, 03 03 03.5 +0.2

Table with columns: AAK, comp-Z, MLR, MLR, 02 53 03.1 -0.1, 02 53 07.1, 02 53 02.9 -0.4, 02 53 03.3 0.0, 02 53 03.7 +0.4, 02 53 04.3 +1.0, 02 54 22.1 0.0, 02 53 27.8, 03 14 52.8, 02 53 20.4, 02 53 20.3, 02 53 06.3 +1.1, 02 53 06.1 +0.1, 02 53 05.8 -0.1, 02 53 05.9 -0.1, 02 53 06.0 0.0, 02 53 29.8, 02 53 26.7, 02 53 08.5 +1.6, 02 53 20.0 +1.8, 03 00 18.8 -0.5, 02 53 08.2 +1.3, 02 53 07.1 +0.2, 02 53 06.4 -0.5, 02 53 06.5 -0.4, 03 12 55.2, 02 53 07.7 +1.1, 02 53 07.1 -0.5, 02 53 08.6 +1.0, 02 53 08.1 +0.5, 02 53 08.4 -0.8, 02 53 10.8 +1.2, 02 53 29.5, 02 53 08.9 -1.1, 02 53 11.0 +1.0, 02 53 09.2 -0.8, 02 53 10.1 +0.1, 02 53 09.8 -0.2, 02 53 53.8, 02 53 11.5 +1.0, 02 53 11.4 +1.0, 02 53 17.2, 02 53 31.2, 02 53 35.6, 02 53 43.5, 02 53 36.5, 02 53 18.7 +2.8, 02 53 16.7 +0.1, 02 53 16.5 -0.2, 02 53 16.3 -0.5, 02 53 18.9 +1.3, 03 16 47.6, 02 53 18.5 +0.6, 02 53 17.2 -0.6, 02 53 43.3, 02 53 19.0 +0.4, 02 53 38.9, 02 53 19.3 +0.5, 02 53 19.4 +0.5, 02 53 21.0 +1.9, 02 53 20.7 +1.4, 02 53 19.6 0.0, 02 53 19.4 -0.2, 02 53 18.9 -0.6, 02 53 20.8, 02 53 21.6 +1.0, 02 53 19.5 -1.1, 02 53 19.2 -1.4, 02 53 22.2 +1.5, 02 53 21.9 +0.9, 03 16 39.7, 02 53 21.8 +1.2, 02 53 36.2, 02 53 21.8 +1.2, 02 53 36.3, 02 53 37.6, 03 16 42.6, 02 53 23.0 +0.4, 02 53 23.7 +1.1, 02 53 23.0 +0.4, 02 53 21.7 -0.7, 02 53 21.7 -0.7, 02 53 21.6 -1.1, 02 53 21.3 -1.5, 02 53 27.5, 02 53 24.6 +1.0, 02 53 23.5 -0.2, 02 53 24.8 +0.6

Table with columns: ABJI, comp-Z, P, P, 02 53 25.8 +0.8, 02 53 26.7 +0.9, 02 53 26.4 +0.6, 02 53 26.1 +0.3, 02 53 46.4, 02 53 27.9 +1.9, 02 53 27.9 +1.9, 02 53 26.4 +0.2, 02 53 28.2 +1.4, 02 53 28.7 -0.3, 02 53 27.9 +0.4, 02 53 27.9 +0.4, 02 53 31.6 +3.1, 02 53 29.4 +0.2, 02 53 30.8 +1.6, 03 17 38.3, 02 53 29.3 +0.2, 02 53 30.2 +1.0, 02 53 30.5 +1.3, 02 53 49.3, 03 15 30.0, 02 53 29.6 +0.5, 02 53 29.6 +0.5, 03 16 57.4, 02 53 29.9 +0.5, 02 53 46.9, 02 53 30.1 +0.4, 02 53 30.8 +1.2, 02 53 48.3, 02 53 31.9 +2.3, 02 53 26.9 -2.7, 02 53 30.1 -0.3, 02 53 38.2 +2.6, 02 53 32.9 +1.9, 02 53 33.1 +1.3, 02 53 33.6 +1.8, 02 53 33.2 +0.1, 02 53 32.9 0.0, 02 53 37.9, 03 01 08.0 +0.8, 02 53 34.2 +0.6, 02 53 33.8 +0.4, 02 53 34.7 +1.2, 02 53 34.0 +0.5, 02 53 34.4 +0.9, 02 53 34.2 +0.6, 02 53 34.9 +0.5, 02 53 37.2 +1.1, 02 53 36.7 +0.5, 02 53 36.6 +0.5, 02 53 37.0 +0.5, 02 53 37.9 +1.2, 02 53 38.8 +2.5, 02 53 39.1 +2.8, 02 53 57.3, 02 53 57.7, 02 53 39.1 +2.1, 02 53 38.6 +0.7, 02 53 37.6 -0.8, 02 53 40.5, 02 53 38.7 +0.1, 02 53 38.2 -0.4, 02 53 37.9 -0.7, 02 53 38.9 +0.1, 02 53 59.1 +1.5, 02 53 40.6 +0.3, 02 53 41.0 +0.7, 02 53 40.9 +0.6, 02 53 41.6 +1.1, 02 53 41.4 +0.5, 02 53 41.2 +0.4, 02 53 42.6 -0.1, 02 53 41.9 -0.5, 03 20 04.6, 02 53 41.9 -0.5, 02 54 41.3, 02 55 48.1, 02 57 00.0, 03 01 24.5 -0.5, 02 53 42.0 -0.5, 02 53 43.0 +0.6, 02 53 43.5 +0.5, 02 53 43.0 0.0, 02 53 43.7 -0.3, 02 53 44.0 +0.7, 02 53 44.0 +0.6, 02 53 44.5, 02 53 47.1 +2.4, 02 54 07.8

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Eielson Array, Medeo, Kurly, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Kaiserville, Mina Array Bea, Malin Array Be, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Eielson Array, Warramunga Arr, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MNK, NACGM, UOSS, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like PSZ, VYHS, VYH, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KBA, KBA, KBA, etc.

IDC 12 04:35:06 1:0.9, 16:41S:173:71W, h90km, 7km, mb3k/8/12, mb4p4/2/14, Error ellipse: s-maj=28.8km s-min=9.3km az=136.0

NEIC 12 04:35:06 8:1.9, 16:55S:104:173:28W:0.08, h79km, 7km, mb4/4/20, Error ellipse: s-maj=12.3km s-min=4.0km az=111.0

ISC 12 04:35:03.4:0.5, 16:57S:107:173:67W:0.08, h66km, n78, r132/78, mb34/3/21, 1D, Tanga Islands

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, H, n, s, ISC. Includes stations like AFI, AFI, AFI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, QSPA South Pole Qui, NVAR Mina Array Bea, etc.

IDC 12 04:48:16.2-3.6, 6:76S; 104:47E, h0km, mb3.8/7, mdtmp3.8/7, Error ellipse: s-maj=199.0km s-min=18.6km

DJA 12 04:48:21.7-0.4, 7°S, 3°10'5E, h10km, M4.0/24, MLV4.0/24

ISC 12 04:48:23.1-1.0, 6:55S; 104:66E, h140km, n27, α178/21, mb3.9/7, Sunda Strait

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KASI Kota Agung, CGJI Cibinong, BLSI Bandar Lampung, etc.

IDC 12 04:57:00.6-1.6, 10:21S; 118:73E, h0km, mb3.6/2, mdtmp3.5/5, ML3.4/3, Error ellipse: s-maj=41.5km

DJA 12 04:57:06.0-0.5, 10°S, 5°11'9E, h10km, M3.8/12, mb4.6/1, mb3.9/3, MLV3.7/12, Mw(m)3.8/1

ISC 12 04:57:03.8-1.0, 10:27S; 108:118.96E; 0:05, h10km, n15, α157/20, South of Sumbawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WSI Waingapu, BAI Sumba, PLAI Plampang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EDFI Ende, FKHI Kahang-Kahang, BSSS Bau Bau, etc.

IDC 12 05:01:12.3-4.8, 22:92S; 148:85E, h0km, mdtmp3.2/3, ML3.0/3, Error ellipse: s-maj=50.9km s-min=29.3km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, ASAR Alice Springs, MKAR Makanchi Array, etc.

TIR 12 05:27:22.5, 42:68N; 19:82E, h12km, M2.4/3, PDG 12 05:27:23.4-0.0, 42:62N; 19:84E, h4km, MD2.7/5,

ML2.6/12, Error ellipse: s-maj=0.0km s-min=0.1km az=0.0 BEO 12 05:27:23.6-0.2, 42:62N; 19:86E, h5km, 2km, ML2.1/3

ISC 12 05:27:23.4-0.0, 42:62N; 19:85E, h6km, 2km, n34, α97/63, 7C-5D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PVY Plav, IVA Berane, KOME Kolasin, etc.

IDC 12 05:33:46.7-1.5, 6:10S; 105:25E, h0km, mb3.9/9, mdtmp3.9/9, Error ellipse: s-maj=90.0km s-min=16.8km

DJA 12 05:33:50.0-0.5, 7°S, 5°10'5E, h10km, M4.0/23, MLV4.0/23

ISC 12 05:33:47.0-0.9, 6:73S; 109:104.48E; 0:08, h10km, n32, α171/20, mb4.0/9, Sunda Strait

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KASI Kota Agung, CGJI Cibinong, SELS Selova, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BLSI Bandar Lampung, LWLI Liwa, SBUI Serang, etc.

H0BS2 Diego Garcia H 31.74 266 T T 06 13 56.2

H0BS3 Diego Garcia H 31.75 266 T T 06 13 56.3

H0BS1 Diego Garcia H 31.76 266 T T 06 13 54.6

WRA Warramunga Arr 31.81 117 P P 05 40 10.5 -1.6

ASAR Alice Springs 32.90 124 P P 05 40 20.4 -1.2

STKA Stephens Creek 42.70 131 P P 05 41 44.0 -0.3

MKAR Makanchi Array 56.82 342 P P 05 43 29.9 -1.7

H04N2 CROZET ISLANDS 59.85 220 T T 06 48 42.9

H04N1 CROZET ISLANDS 59.86 220 T T 06 48 42.5

H04N3 CROZET ISLANDS 59.86 220 T T 06 48 41.2

H04S1 CROZET ISLANDS 60.05 219 T T 06 48 54.8

H04S3 CROZET ISLANDS 60.07 219 T T 06 48 51.5

H04S2 CROZET ISLANDS 60.07 219 T T 06 48 51.4

KURBB Kurchatov Arra 61.38 341 P P 05 44 01.8 -1.2

ZALV Zalesovo Beam 62.68 347 P P 05 44 09.9 -1.8

BVAR Borovoye Array 66.17 338 P P 05 44 34.0 -0.6

BRTR Keskin Array B 79.79 312 P P 05 45 59.0 +3.1

TXAR Lajitas Array 145.23 46 PKP PKPbc 05 53 26.3 +0.8

NNC 12 05:35:42.6-1.0, 37:17N; 70:53E, h0km, mb4.1, mpv3.7, 1C-3D, Error ellipse: s-maj=88.8km s-min=81.2km

az=12.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IUG Iuzhnyy, IUG Borolday, BRLS Borolday, etc.

IDC 12 05:47:15.4-4.2, 42:59N; 146:02E, h0km, mb3.3/3, mdtmp3.4/4, ML3.8/1, Error ellipse: s-maj=109.8km

s-min=19.2km az=15.0 MOS 12 05:47:22.0-1.4, 43:01N; 145:81E, h39km, mb4.2/1, Error ellipse: s-maj=35.1km s-min=16.0km az=91.3

JMA 12 05:47:22.6-0.1, 43:0N; 0:3; 145:8E; 0:5, h44km, 1km, MV3.8/39, OFF NEMURO PENINSULA

JMA Felt J1 at OFF NEMURO PENINSULA SKHL 12 05:47:23.1-0.1, 43:00N; 145:90E, h48km, 6km, mb4.8/5

ISC 12 05:47:22.8-1.4, 43:03N; 0:06; 145:80E; 0:04, h36km, 1km, n29, α197/35, mb3.3/3, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEM2 Nemuro 2, NEM2 Nemuro-Hokkai, NMR Nemuro-Hokkai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Misakicho, Kamikawa-asahi, Asahikawa, Kuril'sk, etc.

IDC 12 05:49:34.6.0.1, 20.79N:122.39E, h0km, mb3.7/7, mbmp3.8/8, ML3.6/1, Error ellipse: s-maj=25.4km s-min=18.1km az=81.0

JMA 12 05:49:34.9.0.5, 21.1N:122.2E, h0km, MV4.2/13, TAIWAN REGION

MAN 12 05:49:34.6.0.1, 20.46N:122.06E, h9km, MS3.6, ISC 12 05:49:34.6.0.1, 20.81N:122.16E, h10km, n38, r155/40, mb3.7/7, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Beinan, Pamplona Cagay, Yulb, etc.

DJA 12 05:57:16.8.0.9, 10.3S:9.11E, h54km, 37km, M3.6/8, mb3.7/2, MLV3.6/8, Sumbawa region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Plampang, Kabupaten Domp, Taliwang, etc.

IDC 12 05:58:59.4.0.8, 34.65S:179.72W, h0km, mb4.6/6, mbmp4.5/8, ML4.1/2, MS3.6/7, Error ellipse: s-maj=28.8km s-min=19.8km az=67.0

NEIC 12 05:59:05.7.1.7, 34.9S:0.1x179.9W:0.2, h35km, 2km, mb4.6/13, Error ellipse: s-maj=28.8km s-min=18.9km az=109.0

WEL 12 05:59:08.5.1.0, 35.3S:11.18E, h10km, 76km, ML4.7/21, ML4.7/13, ML4.7/21, Error ellipse: s-maj=14.4km s-min=12.6km az=29.8, confirmed

NOU 12 05:59:22.1.36, 33S:179.82E, h64km, MLV4.6/11, Off E, Coast of N. Island, N.Z

ISC 12 05:59:05.6.0.5, 34.98S:0.06:179.87W:0.07, h35km, n118, r142/121, mb4.6/18, MS3.8/6, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Matakaoa Point, Waionmatatini S, Pakihiroa, etc.

IDC 12 05:49:34.6.0.1, 20.79N:122.39E, h0km, mb3.7/7, mbmp3.8/8, ML3.6/1, Error ellipse: s-maj=25.4km s-min=18.1km az=81.0

JMA 12 05:49:34.9.0.5, 21.1N:122.2E, h0km, MV4.2/13, TAIWAN REGION

MAN 12 05:49:34.6.0.1, 20.46N:122.06E, h9km, MS3.6, ISC 12 05:49:34.6.0.1, 20.81N:122.16E, h10km, n38, r155/40, mb3.7/7, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Urewera, Manawaha, Rawiri, etc.

PMG comp=Z,5.1nm,0.8s Port Moresby 39.43 302 LR LR 06 21 41.9

AS31 Alice Springs 41.52 273 P Iamb Iamb 06 06 49.5 -0.2

ASAR Alice Springs 41.52 273 P Iamb Iamb 06 06 49.0 -0.8

WRAB Warramunga Arr 42.93 278 P P 06 07 00.8 -0.4

WRA Warramunga Arr 42.93 278 P P 06 07 00.7 +2.5

CASY Fitzroy Crossi 50.37 209 P P 06 07 56.7 -1.0

MBWA Marble Bar 54.31 268 P Iamb Iamb 06 08 26.8 -1.8

QSPA South Pole QP 55.14 180 P P 06 08 36.5 +2.3

MAW Mawson 67.48 202 P P 06 09 58.4 +1.0

MAW Mawson 67.48 202 P P 06 09 57.8 +0.4

SNAA Sanae 73.62 179 P P 06 10 36.6 +1.7

SNAA Sanae 73.62 179 P P 06 10 36.1 +1.2

VNA3 Neumayer Olymp 73.84 177 P P 06 10 37.0 +0.9

VNA2 Neumayer-Watz 74.25 177 P P 06 10 39.8 +1.2

VNA1 Neumayer-Stat 74.47 177 P P 06 10 41.7 +1.8

H03S2 Juan Fernandez 79.25 124 T T 07 39 21.6

H03S1 Juan Fernandez 79.25 124 T T 07 39 23.5

H03S3 Juan Fernandez 79.25 124 T T 07 39 20.3

H03N2 Juan Fernandez 79.47 123 T T 07 39 35.6

H03N1 Juan Fernandez 79.48 123 T T 07 39 29.9

NJ2 Nanjing 88.07 312 eP Pmax Pmax 06 11 54.1 +1.8

PZH PanZhihua 96.04 298 P P 06 12 30.5 +0.9

N15K Kwethluk Rer 96.20 10 P Iamb Iamb 06 12 29.3 0

HHC Hu-ho-hao-te 98.29 314 eP Pmax Pmax 06 12 41.7 +2.3

NEW Newport 99.99 37 LR LR 06 53 05.7

MKAR Makanchi Arr 119.45 309 PKP PKP 06 17 49.2 -1.8

KURBB Kurchatov Arra 123.03 312 PKP PKP 06 17 56.6 -1.1

BVAR Borovoye Arr 128.49 313 PKP PKP 06 18 06.7 -1.4

ARCES ARCESS Arr B 142.68 346 PKP PKP 06 18 31.5 -2.4

KBZ Khabaz 146.11 298 PKP PKP 06 18 41.3 +0.7

FINES FINES Arr B 148.80 336 PKP PKP 06 18 47.8 -0.7

MMAI Mount Meron Ar 150.78 276 PKP PKP 06 18 53.2 -1.1

DBIC Dimbokro 151.45 170 PKP PKP 06 18 57.3 +0.5

NB2 NORPAR Subarrat 152.97 348 PKP PKP 06 18 58.1 -0.3

NOA NORPAR Arr B 152.97 348 PKP PKP 06 18 57.6 -0.8

BRTR Keskin Arr B 153.04 290 PKP PKP 06 18 57.9 -1.5

AKASO Malin Arry Be 153.74 316 PKP PKP 06 18 58.6 -1.6

TORD Torodi Arr B 158.21 184 PKP PKP 06 19 32.5 -0.7

IDC 12 06:20:57.0.1.4, 28.08S:26.82E, h0km, mb3.6/2, mbmp3.8/7, ML3.4/3, Error ellipse: s-maj=18.8km s-min=8.3km az=114.0

PRE 12 06:20:57.3.0.9, 28.00S:26.64E, h2km, ML3.0, Presumed earthquake

BGSI 12 06:21:00.5.1.3, 28.13S:26.66E, h37km, 16km, ML3.3, Presumed earthquake

ISC 12 06:20:57.6.0.9, 27.96S:0.05:26.58E:0.06, h4km, n32, r169/55, South Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Boshof, BOSB, etc.

HRAO HartRago 2.29 26 eS Pn 06 21 37.0 +0.7

MAKGR Makgri 2.67 323 eS Pn 06 21 43.2 +1.7

LBTB Lobatse 3.07 343 eP Pn 06 21 49.4 +2.4

LBTB Lobatse 3.07 343 eP Pn 06 21 48.4 +1.5

Table with columns for station code, name, time, and status. Includes stations like RTZ Ruatuhana, NGZ Ngaruhoe, CNGZ Carnagh Statio, etc.

Table with columns for station code, name, time, and status. Includes stations like FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

Table with columns for station code, name, time, and status. Includes stations like MAJO Matushiro, MAJO Matushiro, MAJO Matushiro, etc.

Table of astronomical observations for 12d 7h, listing objects like NPW, LZH, LZM, etc., with their coordinates, magnitudes, and other parameters.

Table of astronomical observations for 2020 SEP, listing objects like TXAR, MKAR, ZALV, etc., with their coordinates, magnitudes, and other parameters.

Table of astronomical observations for 2020 SEP, listing objects like KTMS, KMTS, MK31, etc., with their coordinates, magnitudes, and other parameters.

SOME 12 06:52:24.0, 44.77N, 82.28E, h25km
NCC 12 06:52:26.6, 1.0, 44.77N, 82.01E, h6km, mb3.7, mpv3.5, Error ellipse: s-maj=11.2km s-min=3.7km az=122.0, Suspected Mining explosion.
ISC 12 06:52:21.7, 6.44356N, 0.05, 82.36E, 0.10, h0km, n20, mb4/3.3, 3C-3D, Northern Xinjiang

ISC 12 07:10:10.3, 1.6, 18.75N, 69.40W, h104km, 8km, MD3.5, ML2.6, MW3.0, Presumed earthquake
OSPL 12 07:10:12.9, 1.5, 18.71N, 69.37W, h102km, 8km, ML2.3, Presumed earthquake
ISC 12 07:10:12.5, 1.9, 18.70N, 0.06, 69.40W, 0.05, h96km, 12km, n19, s160/30, 16C, Dominican Republic region

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like WSI Waingapu, DBNI Kabupaten Domp, BANI Baing, BANI Baing, Sumba, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like FORT NARO, NWAO Naroqin (SRO), NWAO Naroqin (SRO), RPSI Rantau Prapat, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like QSPA South Pole Qui, QSPA South Pole Qui, QSPA South Pole Qui, etc.

12d 7h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Karatobe, Zaisan, Kastelek, Kurchatov, etc.

ISK 12 07:20:24.2, 34:50N:32:09E, h7km, ML3.0/18
NIC 12 07:20:24.7, 34:44N:32:02E, h29km, 1km, M3.1/8
GUC 12 07:20:24.9, 0.0, 34:45N:0.001:32:24E:0.001, h0km,
Mw=3.1, confirmed

ISC 12 07:20:25.4, 1.5, 34:40N:0:03:32:15E:0:04, h20km, 4km,
n61, c0572/95, Cyprus region

Main table for 12d 7h section, listing station codes, names, coordinates, and seismic data.

2020 SEP

Table for 2020 SEP section, listing station codes, names, coordinates, and seismic data.

SJA 12 07:21:07.5, 0.7, 21:35S:69:84W, h55km, 5km, ML3.6,
MW3.7
GUC 12 07:21:08.2, 0.8, 21:34S:69:84W, h53km, 3km, ML3.7
ISC 12 07:21:09.9, 1.3, 21:36S:0:03:69:82W:0:06, h44km, 9km,
n29, c0886/37, Northern Chile

Main table for 2020 SEP section, listing station codes, names, coordinates, and seismic data.

680

IDC 12 07:32:32.0, 1.9, 18:49S:172:60W, h0km, mb3.6/3,
mbtmp3.7/4, ML4.0/1, Error ellipse: s-maj=51.5km
s-min=17.8km az=121.0, Tonga Islands region

Main table for 680 section, listing station codes, names, coordinates, and seismic data.

WEL 12 07:53:04.5, 36:67S:177:16E, ML4.7, Mw4.7, Moment
Tensor Solution. Moment tensor: Scale 10^16Nm;
Mrr-0.62; Mss0.79; Mss0.76; Mss-0.87; Mss0.46; Mrr-0.01;
Fault plane solution: Mo1.33000x10^16 Np1.71, 0.00000,
s67.00000, -70.00000. NP2.208.00000, s30.00000,
lambda-129.00000. Principal axes: T 1.1471, Plg19.00000,
Azml146.00000; N 0.2174, Plg19.00000, Azml233.00000; P
-1.3645, Plg63.00000, Azml14.00000. Stations used: BKZ
GATZ HAZ HIZ KNZ MKAZ MWZ MXZ OPZ RTZ OTVZ PUZ
GATZ NORMAL FAULT TING
RAZZ NORMAL FAULT TING
NOU 12 07:53:04.3, 36:68S:177:20E, h3km, MLV4.8/15, Off E.
Coast of N. Island, N.Z.

WEL 12 07:53:04.5, 36:67S:177:16E, h5km, M4.8/25,
ML4.7/25, MLV4.8/25, Error ellipse: s-maj=7.2km
s-min=2.6km az=26.2, confirmed

IDC 12 07:53:06.7, 0.5, 36:76S:176:79E, h0km, mb4.7/16,
mbtmp4.6/18, ML5.7/1, MS3.9/11, Error ellipse:
s-maj=17.5km s-min=13.8km az=68.0

NEIC 12 07:53:06.7, 1.3, 36:84S:0:09:177:19E:0:07, h10km, 1km,
mb4.8/23, Mw4.7/21, Error ellipse: s-maj=15.0km
s-min=8.8km az=5.0, Moment Tensor Solution. Moment
tensor: Scale 10^16Nm; Mrr-0.97; Mss0.43; Mss-0.43;
Mrr-0.82; Mss0.42; Mrr-0.53; Fault plane solution:
Mo1.36000x10^16 Np1.71, 0.5462000, s68.22000,
lambda-78.00000. NP2.223.39000, s22.17000,
lambda-100.42000. Principal axes: T 1.3188, Plg23.00000,
Azml141.00000; N 0.0702, Plg4.00000, Azml233.00000; P
-1.3891, Plg67.00000, Azml332.00000;

NEIC 12 07:53:07.3, 0.6, 36:86S:177:12E, h10km
GCMT 12 07:53:09.7, 0.4, 36:65S:0:03:177:28E:0:05, h13km, 1km,
MW4.8/83, Moment Tensor Solution. s19.c21; s83.c105;
Duration: 0 Moment tensor: Scale 10^16Nm; Mrr-2.29; 18;
Mrr1.36; 12; Mss0.92; 12; Mss0.27; 29; Mss1.06; 06;
Mrr-0.33; 32; Best double couple: Mo2.29500x10^16
Np1.71, 0.4100000, s46.00000, lambda-104.00000; NP2:
lambda21.00000, s76.00000, lambda-76.00000. Principal axes:
T 2.2250, Plg0.00000, Azml321.00000; N 0.1360,
Plg10.00000, Azml51.00000; P -2.3640, Plg80.00000,
Azml231.00000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

ISC 12 07:53:06.4, 0.9, 36:75S:0:04:177:17E:0:03, h8km, 5km,
n295, c152/301, mb4.8/52, MS4.0/10, 40, Off east coast
of North Island

Main table for 680 section, listing station codes, names, coordinates, and seismic data.

Table with columns for station name, frequency, and other details. Includes stations like MXZ, TGRZ, RUGZ, Raukumara Rang, etc.

Table with columns for station name, frequency, and other details. Includes stations like QUZ, Pawanui, Waipukurau, etc.

Table with columns for station name, frequency, and other details. Includes stations like WRAB, Tennant Creek, WRA, Warramunga Arr, etc.

12d 8h

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like ROSALIA, CONRAD OBSERVA, ARSA, etc.

NNC 12 07:55:41.8-1.0, 50.0719N-79.39E, h0km, mpv2.3, Error ellipse: s-maj=11.7km s-min=5.1km az=41.0, Suspected Mining explosion.

IDC 12 07:55:43.7-1.7, 50.05N-78.75E, h0km, mbtmp3.0/1, ML2.0/1, Error ellipse: s-maj=13.5km s-min=10.9km az=40.0.

ISC 12 07:55:44.3-1.6, 50.03N-0.10-78.8E-0.2, h0km, n17, c09625, 14C-10D, Eastern Kazakhstan

Main table for 12d 8h section, listing stations like KUR07, KUR14, KUR16, etc., with their respective coordinates and phases.

RSPR 12 08:03:45.2, 19.21N-64.71W, h34km, 24km, MD3.7/9 NEIC 12 08:03:45.9-1.0, 19.13N-0.06-64.83W-0.04, h35km, 2km, ML3.3/37, Md3.7/9(RSPR), Error ellipse: s-maj=12.3km s-min=3.1km az=32.7.

ISC 12 08:03:44.7-3.8, 19.09N-0.1-64.83W-0.06, h16km, 27km, n40, c0611/38, 10C-4D, Virgin Islands

Main table for 12d 8h section, listing stations like HUMP, PDRP, SJO, etc., with their respective coordinates and phases.

NEIC 12 08:10:26.2-1.0, 19.18N-0.08-64.84W-0.06, h35km, 2km, ML3.0/35, MD3.6/10(RSPR), Error ellipse: s-maj=14.1km s-min=9.4km az=10.0

RSPR 12 08:10:27.1, 19.20N-64.83W, h21km, 25km, MD3.6/10 ISC 12 08:10:27.9-3.3, 19.22N-0.1-64.86W-0.06, h10km, 25km, n49, c075/49, 11C-3D, Virgin Islands

2020 SEP

Main table for 2020 SEP section, listing stations like HUMP, PDRP, SJO, etc., with their respective coordinates and phases.

IDC 12 08:12:10.3-1.1, 85.06N-7.10E, h0km, mb3.5/5, mbtmp3.7/7, ML4.1/2, MS3.1/10, Error ellipse: s-maj=39.6km s-min=15.9km az=68.0

FCIAR 12 08:12:18.0, 84.54N-17.02E, h10km, station OMEGA has station magnitude of 3.80

ISC 12 08:12:17.4-2.0, 84.6N-0.1x16.5E-0.1, h10km, n19, c073/13, mb3.4/5, MS3.0/8, North of Svalbard

Main table for 2020 SEP section, listing stations like OMEGA, SPITSBERGEN, etc., with their respective coordinates and phases.

IDC 12 08:13:55.2-0.2, 23.83S-179.76W, h507km, 24km, mb3.2/5, mbtmp4.2/8, Error ellipse: s-maj=26.6km s-min=20.9km az=146.0

ISC 12 08:13:54.8-0.8, 23.78S-179.6W-0.1, h512km, n9, c220/11, mb3.8/5, South of Fiji Islands

682

Main table for 682 section, listing stations like MSVF, AFI, URZ, etc., with their respective coordinates and phases.

NNC 12 08:16:15.5-2.1, 42.71N-79.30E, h0km, mpv3.0, Error ellipse: s-maj=15.3km s-min=6.2km az=158.0

KRNET 12 08:16:15.6-0.1, 42.61N-79.20E, h1km, mb2.6

SOME 12 08:16:15.1, 42.67N-79.27E, h10km

ISC 12 08:16:15.0-1.8, 42.69N-0.05-79.28E-0.07, h5km, 12km, n14, c054/27, 4C-6D, Lake Issyk-Kul region

Main table for 682 section, listing stations like PRZ, SATY, etc., with their respective coordinates and phases.

IDC 12 08:23:17.9-4.2, 20.09N-70.76W, h20km, 24km, MD3.6, ML2.1, MW2.2, Presumed earthquake

OSPL 12 08:23:21.6-1.9, 20.26N-70.81W, h12km, 262km, ML2.0, Presumed earthquake

ISC 12 08:23:20.1-1.5, 20.17N-0.05-70.73W-0.05, h18km, 5km, n13, c061/20, 12C, Dominican Republic region

12d 8h

2020 SEP

Table with columns for station name, coordinates, elevation, and various signal quality metrics. Includes stations like ARMA Armadale, RMQ Roma, AFI Afiamalu, and many others across the region.

12d 8h

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like PDRAR, TASM, ALQ, ANMO, etc.

2020 SEP

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like BVAR, BORK, I37A, etc.

688

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like BELG, APA, BOSA, etc.

Table of astronomical observations for stations AKBB, KIEV, NB2, NOA, etc. Columns include station name, coordinates, magnitude, and other parameters.

Table of astronomical observations for stations BIOA, SOKA, BLY, PDG, OBKA, etc. Columns include station name, coordinates, magnitude, and other parameters.

Table of astronomical observations for stations PSBE, PMTG, PESTR, etc. Columns include station name, coordinates, magnitude, and other parameters.

12d 9h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BLB, TNSS, TNS, MAZK, MAZ, MAZK.

NOU 12 08:55:28.3, 17:13S:167:89E, h4km, MLV4.9/15, Vanuatu Islands

NEIC 12 08:55:29.2, 0.1, 17:11S:0:06:167:8E:0.1, h10km, 1km, mb4.2/11, Error ellipse: s-maj=17.0km s-min=9.6km az=77.0

IDC 12 08:55:31.0, 1.9, 17:49S:167:38E, h0km, mb4.0/6, mbtmp4.0/7, ML3.4/1, Error ellipse: s-maj=42.7km s-min=26.2km az=68.0

ISC 12 08:55:30.2, 0.6, 17:14S:0:05:167:76E:0:09, h21km, n35, c153/35, mb4.2/15, Vanuatu Islands

Main table for 12d 9h section, listing station codes, names, coordinates, and observation details. Includes stations like RTV, SANVU, SANVU, etc.

NOU 12 08:55:45.6, 36:63S:177:30E, h11km, ML4.3/9, Off E. Coast of N. Island, N.Z.

WEL 12 08:55:46.1, 0.5, 37:54S:17:7E:1, h5km, M3.8/32, ML3.7/32, MLV3.8/32, Error ellipse: s-maj=5.5km s-min=2.6km az=37.2, confirmed

ISC 12 08:55:43.4, 1.5, 36:46S:0:05:177:27E:0:04, h23km, 15km, n106, c189/116, Off east coast of North Island

Continuation of the main table for 12d 9h section, listing station codes, names, coordinates, and observation details. Includes stations like WSRZ, WSRZ, WSRZ, etc.

2020 SEP

Main table for 2020 SEP section, listing station codes, names, coordinates, and observation details. Includes stations like WIAZ, WIAZ, WIAZ, etc.

IDC 12 09:04:28.3, 1.2, 17:05S:167:65E, h0km, mb4.2/9, mbtmp3.9/10, Error ellipse: s-maj=28.7km s-min=17.9km az=93.0

NEIC 12 09:04:30.0, 1.7, 17:11S:0:06:167:8E:0.1, h15km, 5km, mb4.6/21, Error ellipse: s-maj=18.7km s-min=8.2km az=84.0

690

Main table for 690 section, listing station codes, names, coordinates, and observation details. Includes stations like RTV, SANVU, SANVU, etc.

IDC 12 09:07:12.8, 1.3, 16:87S:167:77E, h0km, mb3.9/8, mbtmp3.9/8, ML4.4/10, Error ellipse: s-maj=32.0km s-min=17.6km az=101.0

NEIC 12 09:07:11.1, 1.9, 17:10S:0:05:167:7E:0.1, h14km, 5km, mb4.6/14, Error ellipse: s-maj=18.7km s-min=6.9km az=92.0

ISC 12 09:07:17.1, 0.7, 17:04S:0:06:167:7E:0:1, h25km, n35, c1516/36, mb4.4/17, 2C, Vanuatu Islands

Continuation of the main table for 690 section, listing station codes, names, coordinates, and observation details. Includes stations like SANVU, SANVU, SANVU, etc.

Table with columns: Station Name, Time, Res, ISC, Phase ID, Azimuth, Azimuth Error, and other parameters. Includes stations like AS31, ASAR Alice Springs, FITZ Fitzroy Crossi, etc.

CATAC 12 09:11:06.9.0.4, 12°N, 2°8'W, h29km, 3km, M3.6/46, MLv3.6/46, Error ellipse: s-maj=4.2km s-min=1.6km az=27.3, confirmed

SNET 12 09:11:06.6.0.6, 12°13'N-87.75W, h35km, ML3.4, Presumed earthquake

UCR 12 09:11:20.8.0.9, 11°50'N-86°18'W, h15km, 25km, MV3.8, Presumed earthquake

ISC 12 09:11:06.0.1.2, 12.14N, 0.004, 87.73W, 0.03, h22km, 7km, n70, c#978/102, 12C-50, Near coast of Nicaragua

Main station list table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Azimuth, Azimuth Error, and other parameters. Lists numerous stations across various regions.

IDC 12 09:23:28.4.3.0, 15.86Sx173.93W, h69km, 34km, mb3.4/4, mbtmp3.7/5, ML3.8/1, Error ellipse: s-maj=56.3km s-min=22.2km az=139.0, Tonga Islands

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Azimuth, Azimuth Error, and other parameters. Includes stations like AFI Afiamalu, AFI, etc.

Table with columns: Station Name, Time, Res, ISC, Phase ID, Azimuth, Azimuth Error, and other parameters. Includes stations like URZ Urewera, WRA Warramunga Arr, ASAR Alice Springs, etc.

SJA 12 09:45:28.8.0.6, 28°11'S, 71°62'W, h14km, 2km, ML4.2, MW4.1

NEIC 12 09:45:30.9.2.3, 28°11'S, 0°04', 71°42'W, 0°07', h20km, 5km, mb4.5/8, ML4.0(GUC), Error ellipse: s-maj=9.6km s-min=5.6km az=81.0

IDC 12 09:45:31.0.9.0, 27°77'S, 71°15'W, h0km, mb3.7/4, mbtmp3.8/8, ML3.9/4, Error ellipse: s-maj=25.6km s-min=14.3km az=69.0

GUC 12 09:45:32.3.0.8, 28°16'S, 71°36'W, h35km, 2km, ML4.0, ISC 12 09:45:31.6.1.2, 28°12'S, 0°03', 71°45'W, 0.04, h19km, 3km, n93, c#209/114, mb4.2, 1C-6D, Near coast of central Chile

Main station list table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Azimuth, Azimuth Error, and other parameters. Lists numerous stations across various regions.

Table with columns: Station Name, Time, Res, ISC, Phase ID, Azimuth, Azimuth Error, and other parameters. Includes stations like MT01 Popeta, AF01 San Pedro de A, PB03 IPOC Station P, etc.

BOAV Boa Vista 32.10 21 P P 09 51 57.9 +0.2

PMSA Palmer Station 36.97 175 P P 09 52 41.3 +2.0

CRPR Cabo Rojo, PR 46.04 6 P P 09 53 53.9 -0.2

PDPR Patillas Dam, 46.16 7 P P 09 53 54.4 -0.7

PDPR Patillas Dam, 46.16 7 P P 09 54 16.0

BANI Bani 46.24 1 P P 09 53 57.1 +1.3

TEIG Tegich 50.74 339 P P 09 54 31.6 +1.3

TEIG Tegich 50.74 339 P P 09 54 32.5

SNAA Sanae 56.87 159 P P 09 55 20.5 +5.8

QSPA South Pole Qui 62.10 180 P P 09 55 51.9 +0.9

QSPA South Pole Qui 62.10 180 P P 09 56 12.6

TXAR Lajitas Array 64.91 329 P P 09 56 11.1 +1.2

TXAR Lajitas Array 64.91 329 P P 09 56 11.1 +1.2

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TXAR Lajitas Array 64.91 329 P P 09 56 11.1 +1.2

TXAR Lajitas Array 64.91 329 P P 09 56 11.1 +1.2

IDC 12 10:11:09.4-0.9, 10:10S; 161.12E, h0km, mb4.0/12, mbtmp4.0/13, ML3.8/1, MS3.9/2, Error ellipse: s-maj=22.4km s-min=19.5km az=145.0

NEIC 12 10:11:15.9-1.9, 10:07S; 0.06:161.1E:0.1, h40km, 7km, mb4.3/13, Error ellipse: s-maj=15.6km s-min=8.1km az=69.0

ISC 12 10:11:14.8-0.8, 10:10S; 0.1x161.06E:0.10, h35km, n40, 0.091/35, mb4.0/17, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res ISC. Includes stations like HNR Honiara, WRA Warramunga Arr, WRA WAKE ISLAND Hy, etc.

IDC 12 10:16:12.5-1.1, 3:32S; 136:03E, h0km, mb4.0/7, mbtmp4.0/9, ML3.8/2, MS4.3/1, Error ellipse: s-maj=50.5km s-min=20.9km az=88.0

NEIC 12 10:16:16.5-1.2, 3:45S; 0.1x136.0E:0.1, h31km, 6km, mb4.2/9, Error ellipse: s-maj=17.1km s-min=14.9km az=167.0

DJA 12 10:16:19.6-2.5, 3:53S; 133:6E, h17km, 24km, M4.2/13, MB5.3/1, mb4.3/5, MLV4.1/13, h(m)MB4.7/1

ISC 12 10:16:17.8-0.8, 3:54S; 0.08:135:89E:0.09, h37km, n29, 0.138/28, mb4.1/10, Indian Java region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res ISC. Includes stations like BAKI Biak, FAKI Fak Fak, GENI Genyem, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res ISC. Includes stations like KURK Kurchatov, KURB Kurchatov Arra, BVAR Borovoye Array, etc.

IDC 12 10:49:04.7-1.1, 6:79S; 143:90E, h0km, mb3.7/4, mbtmp3.7/7, ML3.3/2, Error ellipse: s-maj=22.0km s-min=16.8km az=41.0

ISC 12 10:49:08.9-0.9, 6:95S; 0.1x143:9E:0.1, h30km, n7, 0.196/8, mb3.8/3, New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, WRA Alice Springs, etc.

IDC 12 11:14:45.1-1.3, 51:82N; 75:57E, h0km, mbtmp2.9/3, ML2.1/3, Error ellipse: s-maj=22.1km s-min=9.7km az=32.0

NNC 12 11:14:47.3-0.0, 52:29N; 76:24E, h0km, mb3.0, mpv2.6, Error ellipse: s-maj=58.2km s-min=13.9km az=31.0, Suspected Mining explosion.

ISC 12 11:14:45.7-1.1, 51:81N; 0.1x75:62E:0.06, h0km, n10, 0.1507/11, 3C-4D, Eastern Kazakhstan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res ISC. Includes stations like KURK Kurchatov, KURB Kurchatov Arra, BVAR Borovoye Array, etc.

IDC 12 11:31:56.6-1.6, 18:03S; 178:13W, h572km, 15km, mb2.9/6, mbtmp3.9/8, Error ellipse: s-maj=79.7km s-min=14.3km az=152.0

ISC 12 11:31:57.4-1.3, 18:05S; 178:17W; 0.03, h590km, n8, 0.182/9, mb3.3/6, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res ISC. Includes stations like MSVF Nonsavu, AFI Afiamalu, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res ISC. Includes stations like EMJ Mijas, EMAL Malaga-Limoner, EGOR Sierra Gorda, etc.

IDC 12 11:59:23.8-0.5, 36:56N; 4:56W, h63km, 4km, Mb3.6/28, Error ellipse: s-maj=4.6km s-min=2.4km az=175.0

IGIL 12 11:59:23.9, 36:56N; 4:56W, h28km, ML2.0, SFS 12 11:59:23.8, 36:57N; 4:53W, h66km, ML2.9/22, ML3.1/22, MLV2.8/17

CNRM 12 11:59:24.2, 36:49N; 4:75W, h52km, ML2.2, INMG 12 11:59:25.3, 1.4, 36:67N; 4:63W, h55km, 4km, ML2.5, Error ellipse: s-maj=2.9km s-min=2.5km az=123.0

#DIST_RANGE: REGIONAL #IPMA_REGION: SW Malaga (ESP)

ISC 12 11:59:21.9-1.2, 36:58N; 0.03:4:54W:0.02, h75km, 6km, n88, 0.1561/164, 20C-3D, Strait of Gibraltar region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res ISC. Includes stations like EBER Berja, EBER Berja, EBER Berja, etc.

MOE	Montemor	3.60 304	eP	Pn	12 00 17.2 +1.9
MOE			eS	Sn	12 00 55.3 -1.3
MOE			iIAML		12 00 57.3
MOE			iIAML		12 00 57.7
PMRV	Marv??o	3.63 322	eP	Pn	12 00 17.1 +1.4
PMRV			eS	Sn	12 00 55.8 -1.7
PMRV			iIAML		12 00 57.1
PMRV			iIAML		12 00 57.3
PMRV			iIAML		12 00 58.8
EPLA	Plasencia	3.69 341	P	Pn	12 00 18.0 +1.4
EPLA			iIvmb_VC		12 00 19.4
comp=N,425nm,SNR=7.6					
EPLA			S	Sn	12 00 56.7 -2.1
MD31	MD31	3.70 183	P	Pn	12 00 18.4 +1.5
MDT	Mildert	3.75 181	P	Pn	12 00 19.2 +1.6
EVIV	Coferentes, Val	3.81 44	P	Pn	12 00 29.0 +0.7
comp=N,160nm,SNR=2.9					
EVIV			S	Sn	12 00 58.8 -3.1
PMTG	Montargil	3.84 312	eP	Pn	12 00 20.1 +1.5
PMTG			eS	Sn	12 01 00.2 +2.2
PMTG			iIAML		12 01 02.4
PMTG			iIAML		12 01 02.6
PMTG			iIAML		12 01 03.2
UCM	Universidad Co	3.86 15	Pn	Pn	12 00 20.5 +1.6
UCM			eS	Sn	12 01 02.5 -0.5
PCBR	Castelo Branco	4.00 325	eP	Pn	12 01 04.2 -2.2
PCBR			eS	Sn	12 01 06.3
PCBR			iIAML		12 01 06.3
PCBR			iIAML		12 01 06.5
GUD	Guadarrama	4.07 4	P	Pn	12 00 29.0 +1.1
GUD			iIvmb_VC		12 00 24.5
comp=N,210nm,SNR=5.7					
GUD			S	Sn	12 01 07.7 -0.6
YEBES	Yebes (Guadala)	4.10 16	P	Pn	12 00 22.4 +1.9
YEBES			eS	Sn	12 01 04.0 -0.6
PSARD	Sardoal	4.16 318	eP	Pn	12 00 24.4 +1.6
PSARD			eS	Sn	12 01 08.1 -2.2
PSARD			iIAML		12 01 10.1
PSARD			iIAML		12 01 10.7
PSARD			iIAML		12 01 11.6
PMAFR	Mafrá	4.45 304	eP	Pn	12 00 29.1 +2.3
PMAFR			eS	Sn	12 01 16.6 -0.8
PSBE	So Bento	4.46 312	eP	Pn	12 00 29.3 +2.2
PSBE			eS	Sn	12 01 15.6 -2.1
PSBE			iIAML		12 01 17.5
PSBE			iIAML		12 01 17.6
ETOR	Torete	4.66 24	Pn	Pn	12 00 31.1 +1.3
ETOR			iIvmb_VC		12 00 31.6
comp=N,317nm,SNR=6.6					
ETOR			S	Sn	12 01 20.8 -1.9
PCAS	Casmilo, Conde	4.66 319	eP	Pn	12 00 31.8 +2.0
PCAS			eS	Sn	12 01 20.1 -2.6
PCAS			iIAML		12 01 23.1
PCAS			iIAML		12 01 23.8
PCAS			iIAML		12 01 23.9
PVIS	Viseu	4.90 329	eP	Pn	12 00 35.1 +2.1
PVIS			eS	Sn	12 01 26.8 +1.8
PVRL	Vila Real	5.31 333	eP	Pn	12 01 40.0 +2.0
PVRL			eS	Sn	12 01 37.1 -1.3
PVRL			iIAML		12 01 39.6
PVRL			iIAML		12 01 40.0
POLO	Lamas de Olo	5.42 333	eP	Pn	12 00 42.0 +1.7
POLO			eS	Sn	12 01 39.1 +2.1
PBRG	Braganca	5.50 343	eP	Pn	12 00 43.0 +1.8
PBRG			eS	Sn	12 01 40.6 -2.5
PBRG			iIAML		12 01 44.2
PBRG			iIAML		12 01 44.0
PBRG			iIAML		12 01 44.2
ECAL	Calabor	5.62 343	Pn	Pn	12 00 44.8 +1.8
ECAL			S	Sn	12 01 45.0 -1.2
ECAL	Calabor	5.62 343	P	Pn	12 00 44.6 +1.6
ECAL			S	Sn	12 01 44.5 -1.7
OUZ	OUZ	5.95 199	P	Pn	12 00 48.9 +1.4
ELOB	Lobios	5.95 334	P	Pn	12 00 49.0 +1.6
ELOB			iIvmb_VC		12 00 50.5
comp=N,188nm,SNR=2.0					
ELOB			S	Sn	12 01 51.1 -3.1
OUK	Oukaimeden	6.03 208	P	Pn	12 00 49.5 +0.7
TIO	Tiovieira	6.07 203	Pn	Pn	12 00 50.4 +1.2
TIO			eS	Sn	12 01 34.2 -3.2
PGAV	Gouveira, Arco	6.11 333	eP	Pn	12 00 51.6 +1.9
PGAV			eS	Sn	12 01 55.4 -2.7
ELAN	Lanestosa	6.70 7	P	Pn	12 00 59.7 +2.0
ELAN			iIvmb_VC		12 01 00.5
comp=N,162nm,SNR=1.4					
EARI	Ariodadas	6.74 356	P	Pn	12 01 00.4 +2.2
EARI			S	Sn	12 02 10.3 -3.1
EAGO	Agolada(Pontev)	6.79 337	P	Pn	12 01 00.7 +1.8
EAGO			iIvmb_VC		12 01 02.1
comp=N,173nm,SNR=1.2					
EAGO			S	Sn	12 02 12.1 -2.7
EALK	Alkurruntz	7.03 18	P	Pn	12 01 03.9 +1.7
EALK			iIvmb_VC		12 01 06.1
comp=N,194nm,SNR=1.8					
EALK			S	Sn	12 02 17.3 -3.4
EPON	Pontenova	7.04 344	P	Pn	12 01 04.2 +2.0
EPON			iIvmb_VC		12 01 06.3
comp=N,127nm,SNR=0.7					
EPON			S	Sn	12 02 16.8 -3.8
ECHI	Chisagues Biel	7.09 30	P	Pn	12 01 04.7 +1.6
ECHI			iIvmb_VC		12 01 05.7
comp=N,82nm,SNR=2.0					
ECHI			S	Sn	12 02 18.8 -3.4

OUZ	Omahuta	12.03 219	P	P	12 17 32.5 -3.7
OUZ	Omahuta	12.03 219	P	P	12 17 32.9 -3.3
comp=Z,54nm,1.3s					
WCZ	Waipu Caves	12.17 215	P	Pn	12 17 30.8 +0.9
HAZ	Te Kaha	12.35 136	P	Pn	12 17 23.0 -3.3
PUP	Puketitahi	12.51 197	P	Pn	12 17 46.1 -1.0
RUGZ	Raukumara Rang	12.57 199	P	Pn	12 17 27.3 -8.0
TWZ	Tauhaharepare	12.68 198	P	Pn	12 17 28.6 -8.1
MWZ	Matawai	12.96 199	P	Pn	12 17 31.0 -9.3
TKGZ	Te Karaka	12.96 198	P	Pn	12 17 30.7 -0.6
URZ	Urewera	13.01 200	P	Pn	12 17 43.2 +2.2
comp=Z,10nm,0.5s,baz=5.8,slow=2.1,SNR=34					
URZ			S	Sn	12 19 47.0 -1.7
comp=Z,132nm,0.6s,baz=19.1,slow=12,SNR=12					
URZ	Urewera	13.01 200	P	Pn	12 17 36.5 -4.5
URZ	Urewera	13.01 200	P	Pn	12 17 47.5 +0.4
comp=Z,103nm,0.6s					
TOZ	Tahuroa Road	13.12 206	P	Pn	12 17 41.3 -1.0
RAGZ	Rawiri	13.14 194	P	Pn	12 17 47.8 -0.8
AFI	Afiamau	13.18 24	P	Pn	12 17 35.4 -8.0
comp=Z,161nm,0.3s,baz=207,slow=5.1,SNR=56					
AFI			S	Sn	12 19 49.5 -1.9
comp=Z,164nm,0.5s,baz=156,slow=19,SNR=8.1					
AFI	Afiamau	13.18 24	Pn	Pn	12 17 35.0 -8.4
AFI	Afiamau	13.18 24	P	Pn	12 17 34.8 -9.6
AFI	Afiamau	13.18 24	P	Pn	12 17 35.5 -7.8
comp=Z,323nm,0.5s					
RIGZ	Rimuhau	13.24 198	P	Pn	12 17 36.9 -7.0
MUGZ	Murupara	13.32 201	P	Pn	12 17 36.5 -8.5
MIGZ	Mania Peninsula	13.62 199	P	Pn	12 17 54.1 +0.3
RAHZ	Rarangi	13.69 199	P	Pn	12 17 46.4 -2.5
MTHZ	Maungataniwha	13.64 200	P	Pn	12 17 43.3 -5.9
NMHZ	Naumanga	13.88 200	P	Pn	12 17 49.7 -2.6
BKZ	Black Stump Fm	14.04 201	P	Pn	12 17 50.3 -3.9
TMVZ	Te Maari	14.25 203	P	Pn	12 17 57.3 +0.2
ETVZ	Egari Ngauruho	14.41 203	P	Pn	12 17 58.7 +1.3
SNVZ	Sukino	14.44 203	P	Pn	12 17 58.6 +0.3
TUVZ	Tuho	14.44 203	P	Pn	12 17 54.2 -5.0
BHYZ	Black Hill Sta	14.47 201	P	Pn	12 17 53.8 -6.0
WNVZ	Wahianoa	14.48 203	P	Pn	12 18 00.7 +0.6
KAHZ	Kahuranaki	14.50 199	P	Pn	12 17 57.1 -3.0
KRHZ	Kereri	14.51 203	P	Pn	12 17 56.2 -6.0
PKVZ	Pokaru	14.54 204	P	Pn	12 17 58.7 -2.0
PVZ	Vera Road	14.61 206	P	Pn	12 18 02.8 +1.2
PRZ	Pawanui	14.72 198	P	Pn	12 17 57.2 -5.8
PRHZ	Porangahau	15.00 199	P	Pn	12 18 01.9 -4.6
DVHZ	Dunedin	15.07 202	P	Pn	12 18 02.2 -6.4
ANVZ	Anarua Road	15.09 199	P	Pn	12 18 02.6 -8.1
POWZ	Post Office Ro	15.38 201	P	Pn	12 18 06.5 -4.8
PRVZ	Port Road	15.47 200	P	Pn	12 18 05.2 -7.1
DZM	Mont Dzacum	15.49 282	P	P	12 18 15.2 +0.4
comp=Z,139nm,0.8s,baz=106,slow=19,SNR=11					
BFFZ	Birch Farm	15.50 199	P	Pn	12 18 04.4 -8.3
MWZ	Mangatainoka R	15.69 201	P	Pn	12 18 06.0 -9.1
HRWZ	Holdsworth Sta	15.92 201	P	Pn	12 18 11.5 -6.5
GWZ	Otaki Gorge	15.96 202	P	Pn	12 18 09.2 -9.2
TMVZ	Te Maipa	16.00 199	P	Pn	12 18 11.3 -7.6
KIWF	Kapiti Island	16.05 209	P	Pn	12 18 14.9 -5.2
MTW	Motutonga	16.20 200	P	Pn	12 18 12.9 -8.1
CAW	Cannon Point	16.25 201	P	Pn	12 18 13.6 -8.5
TRVZ	Traveller	16.32 199	P	Pn	12 18 20.4 -2.6
DWVZ	D'Urville Isla	16.39 205	P	Pn	12 18 17.5 -6.2
PAWZ	Paruwa Farm	16.39 200	P	Pn	12 18 21.8 -2.0
MSWZ	Melkita Station	16.48 203	P	Pn	12 18 24.2 -8.2
BHW	Baring Head	16.59 201	P	Pn	12 18 24.2 -2.0
PLVZ	Palliser	16.61 200	P	Pn	12 18 19.5 -7.1
TCW	Tony Channel	16.61 203	P	Pn	12 18 18.1 -8.4
RAR	Rarotonga	16.68 77	P	P	12 18 25.7 -1.7
comp=Z,16nm,0.6s,baz=256,slow=12,SNR=11					
RAR			S	Sn	12 21 14.5 -1.8
comp=Z,9.4nm,0.4s,baz=188,slow=1.1,SNR=2.3					
RAR			LR	LR	12 23 54.4
comp=Z,115nm,21.2s,baz=273,slow=33					
TUWZ	Tuamarina	16.93 203	P	Pn	12 18 25.4 -2.0
NNZ	Nelson	16.95 205	P	Pn	12 18 22.8 -7.5
BSWZ	Blackbirch Sta	17.20 203	P	Pn	12 18 23.3 -7.3
MNZ	Matariki Terra	17.20 203	P	Pn	12 18 29.8 -3.6
CTZ	Chatham Island	17.35 206	P	P	12 18 28.8 -6.3
Tophouse		17.57 179	P	P	12 18 35.6 +0.1
THZ	Tophouse	17.60 205	P	Pn	12 18 05.0 -7.0
KHZ	Kahutara	17.94 203	P	P	12 18 32.6 -8.9
KHZ	Kahutara	17.94 203	P	P	12 18 38.9 -2.6
SANVU	Sarauitua	18.04 303	P	Pn	12 18 44.3 +0.3
comp=Z,211nm,1.0s					
GVZ	Greta Valley S	18.60 203	P	P	12 18 42.9 -5.9
LTZ	Lake Taylor	18.72 205	P	P	12 18 44.8 -5.3
RPZ	Rata Patea	19.98 206	P	P	12 18 59.0 -4.8
comp=Z,3.1nm,0.6s,baz=349,slow=2.7,SNR=17					
RPZ			S	S	12 22 24.7 -1.8
comp=Z,4.1nm,0.8s,baz=43,slow=18,SNR=13					
PPT	Papeete	26.96 77	LR	LR	12 28 08.7
comp=Z,108nm,19.6s,baz=260,slow=30					
HNR	Honiara	27.21 303	P	P	12 20 09.3 -5.4
comp=Z,44nm,0.6s,baz=239,slow=5.9,SNR=2.2					
HNR			LR	LR	12 28 36.3
comp=Z,141nm,21.6s,baz=218,slow=31					
ARMA	Armidale	27.75 254	P	P	12 20 21.5 +2.9
comp=Z,21nm,1.4s					
ARMA	Armidale	27.75 254	P	P	12 20 21.4 +2.7
EIDS	Eidsvold	28.56 264	P	P	12 20 27.1 +1.4
comp=Z,27nm,2.0s					
EIDS	Eidsvold	28.56 264	P	P	12 20 27.1 +1.4
MILA	Mila	30.52 241	P	P	12 20 27.1 +1.4
comp=Z,16nm,1.2s					
CMSA	Cobar Meteorol	32.86 252	P	P	12 21 04.4 +0.9
comp=Z,30nm,1.2s					
CMSA	Cobar Meteorol	32.86 252	P	P	12 21 04.8 +1.3
comp=Z,30nm,1.2s					
TOO	Toolangi	34.93 241	P	P	12 21 09.9 +0.9
comp=Z,12nm,1.1s					
TOO	Toolangi	34.93 241	P	P	12 21 09.4 +0.4
CTA	Charters Tower	34.08 272	P	P	12 21 15.3 +1.0
comp=Z,7.5nm,0.7					

12d 13h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error.

NOU 12:13:07:29.05:6.49S:104.63E, h22km, MLv4.1/15, Vanuatu Islands, Vanuatu Islands
Code Station Name Az El Az Err El Err Az Rate El Rate Az Rate Err El Rate Err
IDC 12:13:07:29.05:6.49S:104.63E, h0km, mb4.3/26, mbmp4.3/26, MS3.9/36, Error ellipse: s-maj=21.7km, s-min=11.5km, az=60.0
NEIC 12:13:07:31.6:6.56S:104.52E:0.09:1.04:52E:0.05: h10km, 1km, mb4.7/24, Error ellipse: s-maj=16.1km s-min=7.0km, az=200.0
DJA 12:13:07:32.70:2.7S:2:10:4E.2, h10km, MS5.0/60, mb5.5/14, mb4.9/55, MLV5.0/60, Mw(m)/5.0/14
GCMT 12:13:07:35.6:0.5:6.67S:105.02:0.02:104.53E:0.02: h16km, 2km, MV4.8/74, Moment Tensor Solution. s14,c17; s74,c10; Duration: 0 Moment tensor: Scale 10^18N; Mr:0.60z;11; Mw:0.13z;09; Mb:0.73z;10; Mo:0.44z;28; Mv:1.68z;07; Mw:0.12z;30; Best double couple: Ms:1.80000x10^16 Np1:0.7:00000; 0.72:00000; 1.173:00000. NP2:

0.99,00000°, 0.84,00000°, 1.18,00000°. Principal axes: T 1.5160, P1g17.0000°, Azm324.0000°: N 0.5680, P1g71.0000°, Azm118.0000°: P -2.0850, P1g8.0000°: Azm232.0000°: nsta1 refers to body-fives, cutoff=40s. nsta2 refers to nsta1 waves, cutoff=50s. Triangular moment-rate function

ISC 12 13:07:31.1±0.4, 6.70S, 0.05±104.44E, 0.04, h10km, n189, ±178/149, mb4.6/46, MS3.9/39, 1D, Sunda Strait

Table with columns: Code, Station Name, Δ°, AZZ°, Phase ID, Time, Res. Lists stations like KASI Kota Agung, CGJJ Cibinong, BLSI Bandar Lampung, etc.

Table with columns: Station Name, Δ°, AZZ°, Phase ID, Time, Res. Lists stations like H01W1 Cape Leeuwin H, H0S2 Diego Garcia H, H0S3 Diego Garcia H, etc.

Table with columns: Station Name, Δ°, AZZ°, Phase ID, Time, Res. Lists stations like KURBB, KURK Kurchatov, KURK Kurchatov, ZAAO Zalesovo Array, etc.

DJA 12 13:12:16.2±0.2, 0.5, 2°N, 4.3°E, h15km, 4km, M4.4/16, mb4.8/4, mb4.7/12, MLV4.3/16, Mw(MB)4.1/4. IDC 12 13:12:18.1±4.8, 1.82N, 128.55E, h70km, 47km, mb3.5/11, mbtmp3.9/13, ML3.8/2, Error ellipse: s-maj=36.2km s-min=15.1km az=71.0

ISC 12 13:12:17.1±0.7, 1.74N, 0.07±128.47E, 0.09, h50km, n30, ±196/26, mb3.8/11, Halmahera

Table with columns: Code, Station Name, Δ°, AZZ°, Phase ID, Time, Res. Lists stations like TMTI Ternate, MNI Manado, MNI Manado, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HAZ Te Kaha, PKGZ Pakihiroa, WMGZ Waioamatatini S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WPHZ Waipukurau, TSZ Takarapi Road, PRHZ Porangahau, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BIPH Bislig, BIPH Musuan, CGP Cagayan de Oro, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like KII, MKZ, KMINR, ESO, KPT, SRDR, SREDINNY, TIXI, KURK, AAK, OBN, TXAR.

ADC 12 15:11:03.2,0.9,8.20S:116.36E,h0km,mb3.9/9, mbmp4.0/11,ML3.8/2,MS3.2/4,Error ellipse: s-maj=18.3km s-min=13.0km az=80.0

Main table of station data with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like TAIWANG, KHANG-KANG, SRBI, DNP, IGBI, RTBI, PLAI, DBNI, ASEM BAGUS, JAJAG, KALIANGET, LABUHAN BAJO, WKS, MSA, NKS, SNIJ, BSSI, KAPPI, KAPPI, KAPPI, KAPPI, EDEI, EDMF, MMRI, SOEI, MBWA, FITZ, FITZ, KNR, MTN, RGR, FAKI, DAV, WB0, WRW, WRAB, WR8, AS31, ASAR, INKA, CMAR, STKA, TOO, ARMA, MJAR, SONM, SONM, HEH, HEH, MKAR, MKAR, VVND, GSPA.

Main table of station data with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like GSPA, BELG, MBAR, NVAR, ILAR, TXAR, GERES, VLS, VLS, ARG2, ARG2, LXR1, DMN, FSK, ORTH, EVGI, DRAG, DRAG, LTHK, LTHK, LTHK, CLEM, ASTI, NYDR, NYDR, LCHA, LCHA, LK02, LK02, AXS, PDD, PDD, TSUK, TSUK, TSUK, MESS, PLEV, PLEV, RLS, RLS, RLS, PVO, PVO, AMPL, AMPL, PATG, PATG, DRO, DRO, DRO, AGRP, AGRP, PATC, PATC, RIOA, RIOA, VV, VV, VVK, ART2.

Main table of station data with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like ART2, ART2, ARTB, EFPALIO, ZACHARO, ZARO, LAKKA, LAKKA, AMT, AMT, AMT, ARTEMIDA-MAKIS, PRGA, ANO CHORA, SERG, SERG, EVRYTANIA, TEME, TEME, KALE, KALITHEA, KALVRYTTA, TETR, TETR, IGOUENITSA, IGOUENITSA, PRMD, PRMD, ITHOMI, JANINA, VALYRA, DELFI, DELFI, PYL1, PYL1, PAMF, ANO AMFEIA, AGG, AGIOS GEORGIOS, THAL, THAL, KERKIRA, KERKIRA, AXAR, AXAR, THL, KLOKOTOS TRIKA, THL, KIPOURIO, KPRO, LOUSTRAKI, LOUT, LOUT, LKR, LOKRIS, ATAL, ATALANTI, VIL2, MET2, KAMENI CHORA, MET6, MEGALOCHORI, MET6, AGIOI THEODORO, STFN, STFN, NEO, NEOKHORI, LIT, LITOKHORON, LIT, ATH, ATHENS OBSERVA, ATH, ATHENS UNIVERS, ATHU, VOULA, ATHENS, PTL, PENTELI, AOS2, ALONISSOS-2, KYMI, KYMI, OHRID, OHR, KARY, KARYSTOS, THE, THESSALONIKI, HRT, HORIATIS, GOR, GRIVA, PLG, POLYGYROS, TIP, TIMPAGRANDE, TIP, TIMPAGRANDE, MESC, MESAGINE, VAY, VALANDOVO, SRS, SERRAL, MATE, MATERA, ULC, ULCIJ, ULC, ULCIJ, DRME, DRACEVICA, DRME, DRME, BUM, BRAJICI-BUDVA, BUM, BUM, PDG, PODGORICA, PDG, PODGORICA, PDG, PODGORICA, PDG, PLAV, IDI, ANOYIA, IDI, CEME, CEVO, CEME, CEME, HCY, HERCEG NOVI, HCY, HCY, IVA, BERANE, IVA, IVA, BARS, BARJE, KOME, KOMASIN, KOME, KOMASIN, NKME, NIKSIC, NKME, NIKSIC, NKME, TREBINJE, TREB, TREB, VAE, VALGUARNERA, VAE, VALGUARNERA, VAE, BRY, BRATOGOST, BRY, BRY, BRY.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SELS, STON, UPM, ZAVOJ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NACB, NACB, NACB, WULAI, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA, FITZ, ASAR, H1N1, etc.

JMA 12 15:36:49.0, 2.25°N, 122°8'E, h94km, MV1.3/9, NW OFF ISHIGAKIUMA IS

TAP 12 15:36:50.1, 24.67°N, 122°81'E, h88km, ML2.8, C

ISC 12 15:36:50.2, 1.3, 24.63°N, 122°83'E, 0.03, h90km, 7km, n99, e103/189, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JYNG, YONAGUNI, etc.

WDLH Longtian 2.32 223 P

WDLH Longtian 2.32 223 P

WDLH Longtian 2.32 223 P

WDLH Longtian 2.32 223 P

WDLH Longtian 2.32 223 P

WDLH Longtian 2.32 223 P

WDLH Longtian 2.32 223 P

WDLH Longtian 2.32 223 P

WDLH Longtian 2.32 223 P

SJA 12 15:42:10.4, 0.7, 31.26°S, 71°24'W, h69km, 3km, ML3.4

GUC 12 15:42:11.9, 0.5, 31.32°S, 71°16'W, h68km, 2km, ML3.7

ISC 12 15:42:12.7, 1.2, 31.27°S, 71°22'W, 0.04, h57km, 8km, n59, e147/86, Near coast of central Chile

ISC 12 15:42:12.7, 1.2, 31.27°S, 71°22'W, 0.04, h57km, 8km, n59, e147/86, Near coast of central Chile

ISC 12 15:42:12.7, 1.2, 31.27°S, 71°22'W, 0.04, h57km, 8km, n59, e147/86, Near coast of central Chile

ISC 12 15:42:12.7, 1.2, 31.27°S, 71°22'W, 0.04, h57km, 8km, n59, e147/86, Near coast of central Chile

ISC 12 15:42:12.7, 1.2, 31.27°S, 71°22'W, 0.04, h57km, 8km, n59, e147/86, Near coast of central Chile

ISC 12 15:42:12.7, 1.2, 31.27°S, 71°22'W, 0.04, h57km, 8km, n59, e147/86, Near coast of central Chile

ISC 12 15:42:12.7, 1.2, 31.27°S, 71°22'W, 0.04, h57km, 8km, n59, e147/86, Near coast of central Chile

ISC 12 15:36:47.6, 2.3, 2.49°S, 139°77'E, h0km, mb3.9/6, mbmp4.07, ML4.1/1, Error ellipse: s-maj=73.9km

ISC 12 15:36:51.4, 2.5, 2.53°S, 139°8'E, 0.5, h25km, n11, e0:47/8, mb4.1/5, Near north coast of Irian Jaya

12d 15h

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Tololo Observa, Cerro Coronel, Cerro Parí, etc.

2020 SEP

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Green Lake, Raoul Island, Matakaoa Point, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Alice Springs, Warramunga Arr, etc.

SJES		eSg	Sb	16 46 54.7 +2.1	BLY	Banja Luka	3.50 328	U P	Pn	16 47 01.4 +1.9	RONA	comp=Z,1.6nm,0.2s,SNR=6.1	eSn	Sn	16 48 52.7 +1.5		
SJES	Sjenica	1.47	6U/Pg	Pb	16 46 33.2 -1.0	BLY	Banja Luka	3.50 328	U/Pn	Pn	16 47 01.4 +1.9	FLOR	comp=Z,4.5nm,0.5s	eSn	Sn	16 47 42.4 +2.6	
SJES				Pb	16 46 52.7 +0.1	BLY	Banja Luka	3.50 328	Pn	16 47 01.4 +1.9	PREO	Cave del Predi	6.43 49	U P	Pn	16 47 43.1 +0.7	
DBRK	Dubrovnik	1.47	307	Pn	16 46 33.4 -0.8	VRS	Banja Luka	3.50 328	Pn	16 47 01.7 +2.2	SESA	Seotlar Alpe, SNR=19	6.48 327	Pn	Pn	16 47 42.1 +1.5	
IBM	Unac-Piva	1.54	336	Pn	16 46 51.9 -0.5	PAIG	Paliouri	3.52 121	ePn	Pn	16 47 01.8 +2.0	SESA			eSn	Sn	16 48 57.2 +3.6
UPM				Sb	16 46 54.6 +0.1	PAIG	Paliouri	3.52 121	Pn	16 47 01.8 +2.0	SESA			eSn	Sn	16 48 57.2 +3.6	
UPM	Unac-Piva	1.54	336	Pn	16 46 35.5 +0.2	ZIRJ	Zirje	3.55 303	ePn	Pn	16 47 01.6 +1.4	VRI	Vrincioia, comp=Z,1.9nm,0.2s	6.48 49	U P	Pn	16 47 43.1 +2.6
UPM				Pb	16 46 54.6 +0.1	ZIRJ	Zirje	3.55 303	Pn	16 47 01.6 +1.4	VRI	Vrincioia	6.48 49	U P	Pn	16 47 43.2 +2.7	
UPM				Sb	16 46 35.0 -0.6	MORI	Morici	3.62 306	ePn	Pn	16 47 02.8 +1.5	VRI	Vrincioia, comp=Z,50nm,0.7s	6.48 49	Pn	Pn	16 47 43.4 +2.9
PLE	Plijevja	1.56	350	Pn	16 46 35.0 +0.5	HERR	Herculane	3.65 31	U P	Pn	16 47 03.1 +1.6	MYKA	Terra Mystica, comp=Z,1.2nm,0.2s	6.53 320	ePn	Pn	16 47 42.6 +1.4
PLE				Pb	16 46 35.6 -1.0	BANR	Banloc	3.72 15	U P	Pn	16 47 04.9 +2.4	MYKA			eSn	Sn	16 48 54.9 +0.4
PLE				Sb	16 46 57.1 +0.4	RZN	Rozenh	3.74 90	U P	Pn	16 47 05.6 +2.6	ACOM	Acomizza, Italy, comp=Z,3.7nm,0.3s	6.53 319	P	Pn	16 47 43.3 +2.0
SEL	Selova	1.75	35	ePn	Pn	PLD	Plovidiv	3.74 83	Pn	16 47 05.4 +2.5	CLTB	Caltabellotta, comp=Z,8.1nm,0.6s	6.57 232	P	Pn	16 47 44.4 +2.6	
IVAS	Ivanjica	1.80	9	ePn	Pn	PLD	Plovidiv	3.74 83	ePn	Pn	16 47 04.0 +1.1	CVDA	Cernavoda	6.58 65	U P	Pn	16 47 44.8 +3.0
BARS	Barje	1.84	56	ePn	Pn	PRD	Preseca	3.82 65	U P	Pn	16 47 05.4 +1.9	ABAH	Abaulker, comp=Z,2.6nm,0.8s	6.58 9	P	Pn	16 47 43.6 +1.8
STON	Ston	1.86	306	Pn	16 46 38.1 +1.2	PVLB	Pleven	3.93 65	U P	Pn	16 47 07.9 +2.4	ONER	Baraj Valea Uz	6.59 44	U P	Pn	16 47 44.9 +2.8
STON				Sb	16 47 01.5 -2.0	PAOV	Paolisi	3.97 261	Pn	16 47 07.2 +1.2	TRPA	Tarpa, comp=Z,53nm,0.5s	6.63 16	P	Pn	16 47 44.4 +1.8	
STON	Ston	1.86	306	ePn	Pn	UDBI	Udbina	3.99 314	ePn	Pn	16 47 08.8 +2.2	HARR	Harsova	6.64 61	U P	Pn	16 47 45.5 +2.9
SRN	Sarande	1.92	174	P	Pn	UDBI	Udbina	3.99 314	Pn	16 47 08.8 +2.2	TLBR	Tlbr	6.66 63	U P	Pn	16 47 45.2 +2.6	
SRN				Pn	16 46 39.5 +1.6	BZS	Buzias	4.05 19	ePn	Pn	16 47 08.1 +1.7	ZST	Zst Bratislava	6.67 345	eSn	Sn	16 48 57.6 -0.3
SRN	Sarande	1.92	174	P	Pn	BZS	Buzias	4.05 19	U P	Pn	16 47 08.4 +1.3	FUSE	Fusea, comp=Z,28nm,0.6s	6.71 4	ePn	Pn	16 47 46.2 +2.6
GOCN	Kraljevo Serbi	1.95	25	ePn	Pn	BZS	Buzias	4.05 19	Pn	16 47 08.4 +1.3	KECS	Kecovo	6.72 337	ePn	Pn	16 47 44.5 +0.6	
KEK	Keckira	2.08	179	P	Pn	VLAD	Vladia	4.07 56	U P	Pn	16 47 08.3 +1.2	CONA	Conrad Observa, comp=Z,1.2nm,0.2s	6.72 337	ePn	Pn	16 47 44.5 +0.6
KEK	Keckira	2.08	179	P	Pn	DUGI	Dugi Otok	4.08 304	ePn	Pn	16 47 08.9 +1.3	CONA			eSn	Sn	16 49 01.3 +1.9
BBL5	Lazikći	2.08	353	ePn	Pn	DUGI	Dugi Otok	4.08 304	Pn	16 47 08.9 +1.3	VYHS	Yhdne	6.73 355	ePn	Pn	16 47 45.3 +1.4	
BBL5	Lazikći	2.08	353	ePn	Pn	DEVI	Devijari	4.19 90	Sn	16 47 10.4 +0.8	MODS	Modra-Piesok	6.80 346	ePn	Pn	16 48 59.4 0.0	
BBL5				Sb	16 47 08.0 -2.0	KDZ	Kurdzhali	4.19 90	Pn	16 47 10.4 +0.8	MODS			eSn	Sn	16 49 00.4 -0.9	
BOSS	Bozilgrad	2.15	70	ePn	Pn	GZR	Gura Zlata	4.21 90	ePn	Pn	16 47 10.6 +1.2	WINA	Alland / Wiene, comp=Z,3.6nm,0.4s	6.83 339	ePn	Pn	16 47 47.9 +2.7
GRG	Griva	2.17	112	P	Pn	GZR	Gura Zlata	4.21 90	U P	Pn	16 47 10.9 +1.4	TEOL	Teolo	6.86 304	Pn	Pn	16 47 45.5 -0.2
GRG				Pn	16 46 43.3 +2.1	PVL	Pavlikeni	4.23 70	U P	Pn	16 47 11.9 +2.4	BIZ	Bicaz	6.87 39	U P	Pn	16 47 48.6 +2.9
VAY	Vandovo	2.17	102	ePn	Pn	VRFC	Vir	4.25 308	ePn	Pn	16 47 10.6 +0.8	TIRR	Tirgusor	6.87 64	U P	Pn	16 47 46.3 +0.8
VAY				Pn	16 46 42.8 +1.5	VRFC	Vir	4.25 308	Pn	16 47 10.6 +0.8	TIRR	Tirgusor	6.87 64	U P	Pn	16 47 46.3 +0.8	
VAY				Lg	16 47 11.5	VRFC	Vir	4.25 308	Pn	16 47 10.6 +0.8	GHRH	Carcalui	6.98 50	P	Pn	16 47 50.5 +3.2	
VAY	comp=N,1um,0.7s					DIM	Dimitrovgrad	4.36 85	ePn	Pn	16 47 13.8 +2.5	KBA	Koelnbreinspre, comp=Z,0.97nm,0.7s	6.99 321	Pn	Pn	16 47 48.9 +1.3
VAY	comp=N,1um,0.7s			Lg	16 47 11.5	INTR	Introdacqua	4.37 275	Pn	16 47 12.5 +1.0	KBA			eSn	Sn	16 49 05.7 -0.4	
GRUS	Gruga	2.21	18	ePn	Pn	MOSL	Moslana	4.39 331	Pn	16 47 13.1 +1.3	KBA	Koelnbreinspre, comp=Z,2.5nm,0.5s	6.99 321	P	Pn	16 47 49.6 +2.0	
KPRO	Kipourio	2.21	146	P	Pb	MORH	Mrgy, Hungary	4.49 350	U P	Pn	16 47 14.4 +1.3	BURAR	Burucina Array	7.00 32	U P	Pn	16 47 47.1 -0.6
KPRO				Pn	16 46 44.7 -1.9	MORH	Mrgy, Hungary	4.49 350	U/Pn	Pn	16 47 13.6 +0.5	BURAR	Burucina Array	7.00 32	U P	Pn	16 47 50.8 +3.1
NOCI	Noci	2.26	244	P	Pn	MORH	Mrgy, Hungary	4.49 350	eSn	Pn	16 47 13.9 +0.8	BUR08	Bucovina Ar. S	7.02 32	P	Pn	16 47 48.7 +0.8
JAN	Janina	2.30	158	P	Pn	MORH	Mrgy, Hungary	4.49 350	eSn	Pn	16 47 13.9 +0.8	TPGR	Topolog	7.02 61	U P	Pn	16 47 49.7 +1.8
JAN				Pn	16 46 45.4 +2.0	MORH	Mrgy, Hungary	4.49 350	eSn	Pn	16 47 13.9 +0.8	CGRP	Cima Grappa, comp=Z,1.2nm,0.5s	7.05 308	P	Pn	16 47 53.8 +5.4
IGT	Igoumenitsa	2.31	169	P	Pn	MORH	Mrgy, Hungary	4.49 350	eSn	Pn	16 47 13.9 +0.8	ABTA	Abta, comp=Z,3.7nm,0.2s,SNR=20	7.17 316	Pn	Pn	16 47 51.0 +1.0
IGT				Pn	16 46 44.7 +1.6	MORH	Mrgy, Hungary	4.49 350	eSn	Pn	16 47 13.9 +0.8	ABTA			eSn	Sn	16 49 11.1 +0.7
IGT	Igoumenitsa	2.31	169	ePn	Pn	NVJL	Novalja	4.51 309	ePn	Pn	16 47 14.2 +0.8	MOA	Moata, comp=Z,0.6nm,0.2s	7.20 329	ePn	Pn	16 47 52.5 +2.2
DIVS	Divbare	2.31	21	ePn	Pn	NVJL	Novalja	4.51 309	Pn	16 47 14.2 +0.8	MOA	Molin	7.20 329	Pn	Pn	16 47 52.8 +2.5	
LSTV	Lstavo	2.33	296	Pn	Pn	CELS	Celeste	4.61 221	P	Pn	16 47 14.6 -0.3	MOA	Molin, comp=Z,0.3nm,0.2s,SNR=8.8	7.32 326	P	Pn	16 49 15.0 +4.1
LSTV				Pn	16 47 12.4 +1.3	CELS	Celeste	4.61 221	P	Pn	16 47 15.0 +0.2	MOA			iSn	Sn	16 49 15.0 +4.1
BOVS	Bovan	2.34	37	ePn	Pn	CELS	Celeste	4.61 221	P	Pn	16 47 15.0 +0.2	MOA	comp=Z,5.1nm,0.5s	7.20 329	P	Pn	16 47 52.8 +2.5
BOVS	Bovan	2.34	37	U P	Pn	CELS	Celeste	4.61 221	P	Pn	16 47 15.0 +0.2	MOA	comp=Z,1.3nm,1.0s	7.20 329	P	Pn	16 47 51.6 +1.0
BOVS				Sb	16 47 14.6 -2.6	CELS	Celeste	4.61 221	P	Pn	16 47 15.0 +0.2	MOA	comp=Z,2.0,3nm,0.2s,SNR=8.8	7.32 326	P	Pn	16 47 53.6 +1.5
BOVS				Pn	16 46 45.2 +1.9	CELS	Celeste	4.61 221	P	Pn	16 47 15.0 +0.2	BIOA	Bioa, comp=Z,5.6nm,0.4s,SNR=6.1	7.32 326	P	Pn	16 49 16.3 +2.2
KNT	Kandrikon	2.39	63	U S	Pn	CELS	Celeste	4.61 221	P	Pn	16 47 15.0 +0.2	KOLS	Kolonice sedl	7.36 13	ePn	Pn	16 47 55.0 +2.6
TRUS	Trudelj	2.47	11	ePn	Pn	CELS	Celeste	4.61 221	P	Pn	16 47 15.0 +0.2	KOLS	Kolonice sedl	7.36 13	ePn	Pn	16 49 13.4 -1.4
PRMD	Pramanda	2.49	155	P	Pb	CELS	Celeste	4.61 221	P	Pn	16 47 15.0 +0.2	KOLS	Kolonice sedl, comp=Z,5.9nm,0.5s	7.36 13	P	Pn	16 47 55.1 +2.6
PRMD				Pn	16 46 48.5 -2.9	CELS	Celeste	4.61 221	P	Pn	16 47 15.0 +0.2	LANS	Lipitovska Anna	7.36 359	ePn	Pn	16 47 55.7 +3.2
MAKA	Makarska	2.51	307	ePn	Pn	CELS	Celeste	4.61 221	P	Pn	16 47 15.0 +0.2	LANS			eSn	Sn	16 49 14.4 -0.5
MAKA				Pn	16 46 47.3 +1.5	CELS	Celeste	4.61 221	P	Pn	16 47 15.0 +0.2	TLGR	Talgr	7.41 60	U P	Pn	16 47 55.9 +2.7
KKB	Krupnik	2.53	88	P	Pn	CELS	Celeste	4.61 221	P	Pn	16 47 15.0 +0.2	LESAL	Schwarzleotal, comp=Z,4.1nm,0.3s,SNR=12	7.55 321	Pn	Pn	16 47 57.0 +1.7
KKB				Pn	16 47 18.1 +2.2	CELS	Celeste	4.61 221	P	Pn	16 47 15.0 +0.2	LESAL			eSn	Sn	16 49 20.3 +0.4
KKB	Krupnik	2.53	88	i P	Pn	CELS	Celeste	4.61 221	P	Pn	16 47 15.0 +0.2	KRUC	Moravsky	7.64 343	ePn	Pn	16 47 55.9 -0.4
MATE	Matera	2.57	244	U P	Pn	CELS	Celeste	4.61 221	P	Pn	16 47 15.0 +0.2	KRUC			eSn	Sn	16 47 54.3 +0.6
MATE	Matera	2.57	244	P	Pn	CELS	Celeste	4.61 221	P	Pn	16 47 15.0 +0.2	IDI	Anoyia, comp=Z,2.9nm,0.3s,baz=288,slow=16,SNR=10	7.64 147	P	Pn	16 47 54.7 -1.8
RICI	Ricice	2.57	312	ePn	Pn	CELS	Celeste	4.61 221	P	Pn	16 47 15.0 +0.2	IDI			eSn	Sn	16 49 14.2 -7.9
RICI				Pn	16 46 48.3 +1.5	CELS	Celeste	4.61 221	P	Pn	16 47 15.0 +0.2	IDI	comp=Z,3.5nm,0.3s,baz=32,slow=2.1,SNR=3.1	7.64 147	P	Pn	16 47 54.4 -2.1
ZAPS	Zavoj Litokhoron	2.59	54	ePn	Pn	CELS	Celeste	4.61 221	P	Pn	16 47 15.0 +0.2	MAUC	Maruska	7.69 351	eSn	Sn	16 49 23.9 +0.9
LIT	Litokhoron	2.68	128	P	Pn	CELS	Celeste	4.61 221	P	Pn	16 47 15.0 +0.2	MAUC			eSn	Sn	16 47 59.3 +2.2
LIT	Litokhoron	2.68	128	P	Pn	CELS	Celeste	4.61 221	P	Pn	16 47 15.0 +0.2	STHS	Stabuska Huta	7.69 37	ePn	Pn	16 49 23.9 +0.8
LIT	Litokhoron	2.68	128	P	Pn	CELS	Celeste	4.61 221	P	Pn	16 47 15.0 +0.2	SAIR	Sair	7.70 303	Pn	Pn	16 47 54.7 +0.2
LIT	Litokhoron	2.68	128	P	Pn	CELS	Celeste	4.61 221	P	Pn	16 47 15.0 +0.2	RJOB	Jochberg, comp=Z,1.5nm,0.6s	7.73 323	P	Pn	16 48 00.5 +2.8
LIT	Litokhoron	2.68	128	P	Pn	CELS	Celeste	4.61 221	P	Pn	16 47 15.0 +0.2	VRAN	Vranov, comp=Z,0.3nm,0.3s,baz=170,slow=15,SNR=1.8	7.83 345	P	Pn	16 48 00.7 +1.7
LIT	Litokhoron	2.68	128	P	Pn	CELS	Celeste	4.61 221	P	Pn	16 47 15.0 +0.2	VRAC			eSn	Sn	16 49 25.2 -1.3
LIT	Litokhoron	2.68	128	P	Pn	CELS	Celeste	4.61 221	P	Pn	16 47 15.0 +0.2	VRAC	comp=Z,1.4nm,0.4s,baz=136,slow=21,SNR=1.3	7.83 345	P	LR	16 51 28.3
LIT																	

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res, ISC. Includes stations like DAVOX, SOROC, SUETTA, etc.

WEL 12 17:04:05.5-1.5, 34°S-18°17'9W, 1.3, h227km, 53km, M3.5/4, mB4.0/4, ML3.8/7, MLV3.7/3, Mw(mB)3.0/4, Error ellipse: s-maj=26.4km s-min=12.6km az=31.5, confirmed, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res, ISC. Includes stations like MATAKAOA POINT, PAKIHIROA, TE KAHA, etc.

IDC 12 17:19:15.3±0.5, 41°37'N-83°75'E, h0km, mb4.2/23, mbmp4.3/31, ML3.8/6, MS3.9/73, Error ellipse: s-maj=12.1km s-min=6.7km az=45.0, BUJ 12 17:19:15.3, 41°31'N-83°74'E, h10km, mB4.8/12, mb4.7/39, ML4.9/6, Ms4.6/38, Ms7.4/435, MOS 12 17:19:15.0±0.9, 41°32'N-83°76'E, h13km, mb4.8/48, MS4.1/9, Error ellipse: s-maj=5.6km s-min=3.3km az=45.0, SOME 12 17:19:16.7, 41°23'N-83°63'E, h15km, MS4.3, NEIC 12 17:19:17.1±1.3, 41°38'N-0°06:83'82E±0.05, h10km±1km, mb4.6/78, Error ellipse: s-maj=11.3km s-min=5.6km az=160.0, NNC 12 17:19:17.2±0.1, 41°34'N-83°73'E, h6km±8km, mb5.2, mpv5.0, Error ellipse: s-maj=15.0km s-min=9.6km az=164.0, GCMT 12 17:19:18.0±0.3, 41°41'N-0°02:83'78E±0.02, h18km±1km, MW4.7/82, Moment Tensor Solution. s6,c8; s82,c116;

Duration: 0 Moment tensor: Scale 10^16Nm; M=0.01±0.07; Mw=0.61±0.06; Ms=0.60±0.05; Mm=0.47±0.17; Mbb=1.10±0.05; Mm=0.57±0.15; Best double couple: Mo1.441000±0.1016; NP1: 0.67300000, 0.66400000, -1.58000000; NP2: 0.619700000, 0.88300000, -1.53000000; Principal axes: P 1.3070, Plg13.0000, Azm297.0000; N 0.2680, Plg2.0000; Azm181.0000; P -1.5750, Plg24.0000, Azm33.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

GFZ 12 17:19:18.2±0.2, 41°32'N-3°8'46"E, h10km, M4.7/21, mb5.0/21

ISC 12 17:19:18.6±0.3, 41°32'N-0°03:83'75E±0.02, h10km, n457, c1569/450, mb4.5/130, MS4.0/86, 21C-17D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res, ISC. Includes stations like KETMEN, SHLS, WUSHI, SHLKS, etc.

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res, ISC. Includes stations like TDK, KNDC, AAA, ASAI, MK31, etc.

MMSI Mamuju	10.52 296	P	Pn	20 28 48.0	+2.0
PLAI Plampang	10.62 261	P	Pn	20 28 46.1	-1.3
PLAI Plampang	10.62 261	P	Pn	20 28 45.1	-2.3
PLAI Plampang	10.62 261	P	Pn	20 28 47.2	-0.2
PCI Palu	10.66 306	P	Pn	20 28 51.1	+3.2
WAMI Wamena	10.82 72	P	Pn	20 28 51.5	+1.5
FITZ Fitzroy Crossi	11.03 194	P	Pn	20 28 48.3	-4.4
FITZ Fitzroy Crossi	11.03 194	P	Pn	20 28 48.2	-4.4
FITZ	comp=Z,799nm,0.6s,baz=26,slow=10,SNR=1556	S	Sn	20 30 42.3	-1.2
FITZ	comp=Z,3um,0.9s,baz=272,slow=9.2,SNR=18	LR	LR	20 33 54.8	
FITZ Fitzroy Crossi	11.03 194	P	Pn	20 28 48.4	-4.4
TOL2 Tolitoli	11.32 318	P	P	20 29 00.7	-3.9
TOL2 Tolitoli	11.32 318	P	P	20 29 00.2	+3.6
TOL2 Tolitoli	11.32 318	P	P	20 29 00.8	-3.8
TWSI	comp=Z,647nm,1.4s	P	Pn	20 28 56.6	-2.2
TWSI	comp=Z,170nm,1.0s	P	Pn	20 29 02.8	-1.7
MMPI Merauke	11.93 96	P	Pn	20 29 14.4	+0.7
GENI Genyem	12.63 69	P	Pn	20 29 13.1	-0.6
GENI Genyem	12.63 69	P	Pn	20 29 13.8	+0.1
KHKI Kahang-Kahang	12.71 265	P	Pn	20 29 14.9	+0.2
BKB Balikpapan	12.96 297	P	P	20 29 20.7	-2.1
BKB Balikpapan	12.96 297	P	P	20 29 21.1	-1.7
BKB Balikpapan	12.96 297	P	P	20 29 24.2	+1.4
SRBI Singaraja	13.09 266	P	Pn	20 29 19.7	+0.2
DNP Denpasar	13.13 263	P	P	20 29 22.8	-1.9
IGBI Denpasar	13.20 263	P	P	20 29 23.5	-2.0
RTBI Rangdadi	13.38 264	P	P	20 29 27.4	-0.1
WB0 Warramunga Arr	13.65 155	P	Pn	20 29 22.7	-4.0
I07AU WARRAMUNGA	13.78 156	P	Pn	20 29 26.0	-2.3
WRAB Tennant Creek	13.79 156	P	Pn	20 29 23.1	-5.3
WRAB Tennant Creek	13.79 156	P	Pn	20 29 23.2	-5.2
WRA Warramunga Arr	13.79 156	P	Pn	20 29 22.8	-5.7
WRA	comp=Z,193nm,0.5s,baz=319,slow=13,SNR=451	S	Sn	20 31 45.4	-1.6
WRA	comp=Z,762nm,0.7s,baz=329,slow=23,SNR=10	LR	LR	20 35 21.9	
WRA Warramunga Arr	13.79 156	P	Pn	20 29 23.3	-5.2
WRA Warramunga Arr	13.79 156	P	Pn	20 29 23.3	-5.2
BBKI Banjar Baru	14.03 285	P	P	20 29 35.0	+0.2
ABJI Asem Bagus	14.05 267	P	P	20 29 35.2	+0.3
JAGI Jajag, Banyuwya	14.16 264	P	Pn	20 29 34.1	+1.0
JAGI Jajag, Banyuwya	14.16 264	P	Pn	20 29 34.1	+1.0
JAGI Jajag, Banyuwya	14.16 264	P	P	20 29 34.3	+1.2
JAGI Jajag, Banyuwya	14.16 264	P	P	20 29 35.1	-1.0
DAV Davao City (W)	14.59 349	P	P	20 29 39.0	+0.5
DAV Davao City (W)	14.59 349	P	P	20 29 40.7	-0.2
DAV Davao City (W)	14.59 349	P	P	20 29 39.3	+0.8
DAV Davao City (W)	14.59 349	P	P	20 29 38.6	+0.1
DAV Davao City (W)	14.59 349	P	P	20 29 39.2	+0.7
DAV Davao City (W)	14.59 349	P	P	20 29 41.0	+0.1
DAV Davao City (W)	14.59 349	P	P	20 29 39.0	+0.5
BLJI Banyuwlugur	14.68 267	P	P	20 29 43.2	+1.3
TARAI Tarakan	15.13 314	P	Pn	20 29 47.2	+0.2
PKKI Palanaraya	15.24 289	P	P	20 29 51.5	-3.4
BWJI Baweana	15.71 274	P	P	20 29 53.0	-0.3
MBWA Marble Bar	16.09 210	P	Pn	20 29 55.3	-1.8
MBWA Marble Bar	16.09 210	P	Pn	20 29 55.2	-1.8
MBWA Marble Bar	16.09 210	P	Pn	20 29 54.6	-2.5
MBWA Marble Bar	16.09 210	P	Pn	20 29 55.0	-2.1
MBWA Marble Bar	16.09 210	P	Pn	20 29 55.3	-1.8
SJI Sawahan	16.49 268	P	P	20 30 02.2	+0.1
SNJI Sawahan-Nganju	16.10 267	P	P	20 30 02.5	+0.2
QIS Mount Isa	17.04 142	P	P	20 30 06.6	-1.4
QIS Mount Isa	17.04 142	P	P	20 30 06.6	-1.4
QIS Mount Isa	17.04 142	P	P	20 30 06.6	-1.3
AS15 Alice Springs	17.05 163	P	P	20 30 06.2	-1.8
AS31 Alice Springs	17.07 163	P	P	20 30 08.2	-0.2
AS31 Alice Springs	17.07 163	P	P	20 30 06.4	-1.9
ASAR Alice Springs	17.07 163	P	P	20 30 07.7	-0.7
ASAR	comp=Z,730nm,0.7s,baz=334,slow=8.7,SNR=651	S	S	20 33 06.1	-1.3
ASAR	comp=Z,228nm,0.8s,baz=332,slow=17,SNR=8	LR	LR	20 37 21.2	
ASAR	comp=Z,1um,18.1s,baz=346,slow=39	ScP	ScP	20 38 05.8	-0.7
ASAR	comp=Z,47nm,0.5s,baz=355,slow=1.9,SNR=7.4	P	P	20 30 06.6	-1.7
PCJI Pacitan	17.09 266	P	Pn	20 30 08.9	-0.3
AS01 Alice Springs	17.09 162	P	P	20 30 06.2	-2.3
AS01 Alice Springs	17.09 162	P	P	20 30 07.3	-1.2
AUALC St Phillip's Co	17.09 163	P	P	20 30 07.6	-0.9
AS17 Alice Springs	17.09 162	P	P	20 30 06.5	-2.1
AS09 Alice Springs	17.12 162	P	P	20 30 07.0	-1.8
WOJI Wonogiri, Jawa	17.33 267	P	P	20 30 11.3	+0.1
WRKA Warakurna	17.60 180	P	P	20 30 13.2	-0.9
UGM Wanagama	17.73 267	P	P	20 30 15.0	-0.6
UGM Wanagama	17.73 267	P	P	20 30 15.7	+0.1
SMRI Semarang	17.82 270	P	Pn	20 30 18.3	+0.3
SMRI Semarang	17.82 270	P	Pn	20 30 20.8	+2.8
KKM Kota Kinabalu	18.01 317	P	Pn	20 30 23.4	+3.0
KKM Kota Kinabalu	18.01 317	P	Pn	20 30 20.2	-0.2
KKM Kota Kinabalu	18.01 317	P	Pn	20 30 21.8	+1.4
KKM Kota Kinabalu	18.01 317	P	Pn	20 30 23.1	+2.8
STKI Sintang	18.11 293	P	Pn	20 30 25.4	+0.5
PMG Port Moresby	18.67 98	P	P	20 30 24.9	-1.0
PMG Port Moresby	18.67 98	P	P	20 33 46.0	-5.0
PMG Port Moresby	18.67 98	P	P	20 38 22.4	
PMG Port Moresby	18.67 98	P	P	20 30 26.1	+0.2
PMG Port Moresby	18.67 98	P	P	20 30 25.5	-0.5
PMG Port Moresby	18.67 98	P	P	20 30 25.8	-0.1
PMG Port Moresby	18.67 98	P	P	20 30 25.4	-0.5
PMG Port Moresby	18.67 98	P	P	20 30 25.8	-0.1
SBUM Sibau	18.85 300	P	Pn	20 30 31.5	+1.5
SBUM Sibau	18.85 300	P	Pn	20 30 30.6	+0.6
SBUM Sibau	18.85 300	P	Pn	20 30 30.7	+0.6
SBUM Sibau	18.85 300	P	Pn	20 30 31.9	+1.9
SBUM Mount Surprise	18.85 126	P	P	20 30 28.5	+0.6
MTSU Mount Surprise	18.85 126	P	P	20 30 28.0	+0.1
MTSU Mount Surprise	18.85 126	P	P	20 30 28.5	+0.6

CTJI Waduk Cayan	19.07 270	P	P	20 30 29.9	-0.3
KPUJI Karang Pucung	19.31 269	P	P	20 30 32.5	-0.3
MANU Manus Island	19.62 75	P	Pn	20 30 37.7	-1.4
CMJI Cimerak	19.78 267	P	P	20 30 37.8	-0.1
GIRL Girallia	20.43 220	P	Pn	20 30 47.2	-1.4
GIRL Girallia	20.43 220	P	P	20 30 46.4	+1.5
BBJI Bungbulang	20.58 268	P	P	20 30 45.5	-1.0
BBJI Bungbulang	20.58 268	P	P	20 30 44.7	-1.9
BBJI Bungbulang	20.58 268	P	P	20 30 45.0	-1.5
BBJI Bungbulang	20.58 268	P	P	20 30 45.1	-1.5
CNJI Cibinong	21.10 269	P	P	20 30 49.3	-2.7
TPI Tanjungpandan	21.16 281	P	P	20 30 53.5	+0.8
MEEK Meekatharra	21.33 205	P	P	20 30 54.4	0.0
MEEK Meekatharra	21.33 205	P	P	20 30 54.2	-0.3
MEEK Meekatharra	21.33 205	P	P	20 30 54.5	0.0
CBJI Citeko	21.41 271	P	P	20 30 51.2	-4.2
TVIH Townsville Har	21.44 125	P	P	20 30 56.4	+0.7
CTA Charters Tower	21.45 128	P	P	20 30 56.2	+0.3
CTA Charters Tower	21.45 128	P	P	20 30 55.8	-0.1
CTA Charters Tower	21.45 128	P	P	20 34 46.1	+1.2
CTA	comp=Z,46nm,0.9s,baz=304,slow=17,SNR=7.2	LR	LR	20 40 06.8	
CTA Charters Tower	21.45 128	P	P	20 30 56.0	+0.2
CTAO Charters Tower	21.45 128	P	P	20 30 56.0	+0.2
CTAO Charters Tower	21.45 128	P	P	20 30 56.2	+0.3
CTAO Charters Tower	21.45 128	P	P	20 30 56.1	+0.3
CTAO Charters Tower	21.45 128	P	P	20 30 56.4	+0.5
TNG Tangerang	21.63 272	P	P	20 30 45.5	-1.2
TNG Tangerang	21.63 272	P	P	20 30 45.5	-1.2
SKJI Sukabumi	21.67 269	P	P	20 31 05.4	+7.2
AYUR Ay State High	22.12 125	P	P	20 31 02.2	+0.7
SBJI Serabek	22.15 272	P	P	20 31 00.7	-2.4
CGJI Cibinong	22.55 270	P	P	20 31 03.9	-3.0
FORT Forrest	23.32 181	I	Iamb	20 31 14.2	+0.3
FORT Forrest	23.32 181	I	Iamb	20 31 14.2	+0.3
FORT Forrest	23.32 181	I	Iamb	20 31 14.5	0.0
INKA Inanamika	23.42 152	P	P	20 31 15.7	+0.8
RABL Rabal	23.85 84	I	Iamb	20 31 17.8	-1.1
RABL Rabal	23.85 84	I	Iamb	20 31 28.1	
MDSI Maura Dua	24.25 275	P	P	20 31 20.7	-1.9
QLP Quilpie	24.35 144	P	P	20 31 23.9	+0.5
QLP Quilpie	24.35 144	P	P	20 31 23.8	+0.2
QLP Quilpie	24.35 144	P	P	20 31 23.6	+0.4
MORW Morawa	24.55 207	P	P	20 31 25.8	+0.7
MORW Morawa	24.55 207	P	P	20 31 25.8	+1.1
MORW Morawa	24.55 207	P	P	20 31 25.2	0.0
MORW Morawa	24.55 207	P	P	20 31 25.5	+0.3
KMBL Kambalda	24.67 193	P	P	20 31 26.7	+0.5
DSRI Dabo	24.71 285	P	P	20 31 27.3	+0.6
LHSI Lahat	25.00 277	P	P	20 31 28.7	-0.6
TPRI Tanjung Pinang	25.19 288	P	P	20 31 31.8	+0.7
JMBI Jember	25.19 288	P	P	20 31 35.0	+2.8
BLDU Ballardiu	25.62 204	P	P	20 31 36.1	+1.4
BLDU Ballardiu	25.62 204	P	P	20 31 35.5	+0.7
BLDU Ballardiu	25.62 204	P	P	20 31 36.4	+1.6
SZP Santa	25.95 342	P	P	20 31 39.9	+2.1
SZP Santa	25.95 342	P	P	20 31 37.5	+0.2
SZP Santa	25.95 342	P	P	20 31 38.4	+0.6
BTDF Bukit Timah Da	26.04 288	P	P	20 31 40.6	+1.8
BTDF Bukit Timah Da	26.04 288	P	P	20 31 40.0	+1.2
KLBR Kellerberrin	26.10 201	P	P	20 31 39.7	+0.6
KLBR Kellerberrin	26.10 201	P	P	20 31 39.8	+0.7
KLBR Kellerberrin	26.10 201	P	P	20 31 39.7	+0.7
MYKOM Kota Tinggi	26.12 289	P	P	20 31 41.3	+1.8
MYKOM Kota Tinggi	26.12 289	P	P	20 31 40.3	+0.8
MYKOM Kota Tinggi	26.12 289	P	P	20 31 44.8	
MYKOM Kota Tinggi	26.12 289	P	P	20 31 40.7	+1.2
MYKOM Kota Tinggi	26.12 289	P	P	20 31 41.0	+1.5
BBOO Bucklebo	26.32 165	P	P	20 31 41.5	+0.4
BBOO Bucklebo	26.32 165	P	P	20 31 41.5	+0.4
BBOO Bucklebo	26.32 165	P	P	20 31 41.2	+0.1
BBOO Bucklebo	26.32 165	P	P	20 31 41.4	+0.4
MASI Maura Aman, 7s	26.38 278	P	P	20 31 51.2	+9.4
GUMO Guam	26.45 38	P	P	20 31 41.9	-0.5
GUMO Guam	26.45 38	P	P	20 31 41.1	-1.3
GUMO Guam	26.45 38	P	P	20 31 41.1	-1.3
GUMO Guam	26.45 38	P	P	20 31 41.1	-1.3
AUNRC North Rockham	26.56 129	P	P	20 31 43.7	+0.4
AUKUL Kulini High Sch	26.95 199	P	P	20 31 46.6	+0.1
MUN Munding	27.02 203	P	P	20 31 47.6	+0.3
MUN Munding	27.02 203	P	P	20 31 47.7	+0.3
MUN Munding	27.02 203	P	P	20 31 47.8	+0.5
MUN Munding	27.02 203	P	P	20 31 47.6	+0.3
GDUS Gladstone Soft	27.32 129	P	P	20 31 50.9	+0.8
KRJI Kerinci	27.34 280	P	P	20 31 49.9	-0.6
STKA Stephens Creek	27.34 155	P	P	20 31 50.5	+0.3
STKA Stephens Creek	27.34 155	P	P	20 44 38.1	
NWAO Narrogin (SRO)	27.49 201	P	P	20 31 52.1	+0.6
NWAO Narrogin (SRO)	27.49 201	P	P	20 31 52.2	+0.8
NWAO Narrogin (SRO)	27.49 201	P	P	20 31 52.1	+0.6
NWAO Narrogin (SRO)	27.49 201	P	P	20 31 52.0	+0.6
NWAO Narrogin (SRO)	27.49 201	P	P	20 31 51.6	+0.1
NWAO Narrogin (SRO)					

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like Macquarie Isla, Udaipur, Simla, Talaya, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like Udaipur, Simla, Talaya, TLY, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like KBL, Kabul, KBL, KBL, etc.

12d 20h

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes entries like SOHO, ATKA, UOSS, etc.

2020 SEP

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes entries like ARTI, CHNA, MNGR, etc.

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Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes entries like COLA, EYAK, ILAR, etc.

713

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PX02, PSACX Pisagua, PSACX IPOC Station P, etc.

SOME 12 20:39:01.1, 41.85N, 83.38E, h5km
NNC 12 20:39:05.9, 3.2, 42.15N, 83.33E, h0km, mb3.7, mpv3.3,
Error ellipse: s-maj=26.6km s-min=19.7km az=2.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Code, Station Name, Azimuth, Phase ID, Time, Res.

IDC 12 20:45:05.7, 5.3, 38.72N, 22.62E, h0km, mb3.6/4,
mbmp3.6/4, Error ellipse: s-maj=202.2km s-min=29.4km
az=171.0

THE 12 20:45:05.5, 38.2N, 0.7, 22.8E, 0.6, h10km, 3km, M3.0/17,
MLh3.0/17

ATH 12 20:45:05.4, 38.19N, 22.75E, h12km, 1km, ML3.1/42,
Latitude uncertainty: 0 km, Longitude uncertainty: 0 km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like THAL Thalerio, THAL Kiato, LTK Loutraki, etc.

2020 SEP

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KLV Kalavryta, LKR Lokris, KALE Kalithea, etc.

12d 21h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KZD Kurdzhali, PLS Plana, VTS Vitosh, etc.

IDC 12 20:50:02.4, 5.1, 33.57S, 138.90E, h0km, mbmp2.9/3,
ML2.7/3, Error ellipse: s-maj=55.3km s-min=20.1km
az=16.0

AUST 12 20:50:04.1, 0.3, 33.52S, 138.90E, h4km, 2km, ML2.6/14,
Error ellipse: s-maj=6.8km s-min=3.8km az=68.4,
confirmed

ISC 12 20:50:03.0, 0.8, 33.51S, 138.99E, 0.04, h16km, 5km,
n27, c2513/43, Near coast of South Australia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Code, Station Name, Azimuth, Phase ID, Time, Res.

ISK 12 21:06:11.9, 38.16N, 38.65E, h5km, ML3.6/23
AFAD 12 21:06:13.1, 38.16N, 38.66E, h7km, 1km, MW3.5

ISC 12 21:06:13.8, 1.0, 38.17N, 0.02, 38.66E, 0.02, h7km, 10km,
n53, c9570/66, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Code, Station Name, Azimuth, Phase ID, Time, Res.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like ARAP, SANLIURFA, KAHRAMANMARAS, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like LK02, Lefkada island, HORTI, Horiatis, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like TORD, Torodi Ar, INKA, Innaminka, etc.

Table with columns: AP01, comp=Z, 2.797nm, 0.3s, IAML, 21 40 03.3, etc. Lists various station data for AP01.

Table with columns: SNA4, S39A, S39A, comp=Z, 2.1nm, 0.6s, baz=272, slow=5.6, SNR=6.6, etc. Lists various station data for SNA4/S39A.

Table with columns: PB06, comp=Z, 4.43nm, 0.3s, IAML, 22 13 16.5, etc. Lists various station data for PB06.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Date, Time, Res, I, S, C, H, m, s, I, S, C. Includes stations like ECPR Experimental S, SEUS St. Eustatius, EMPR Esperanza - Ma, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Date, Time, Res, I, S, C, H, m, s, I, S, C. Includes stations like V53A Iamb, OTAV Otavalo, SADO Sadowa, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Date, Time, Res, I, S, C, H, m, s, I, S, C. Includes stations like JHU Hachiojima 2, JAOM Agashimamaki, JMKN Makurajimashi, etc.

CRNET 13:00:13:25.0.4.0.1, 82N:71.62E, h15km, mb3.3
SOME 13:00:13:25.6.40.90N:71.58E, h10km
NCC 13:00:13:26.0.2.7.40.69N:71.81E, h20km, 11km, mb4.1, mpv3.6, Error ellipse: s-maj=21.9km s-min=12.4km az=178.0
ISU 13:00:13:26.40.85N:71.83E, h25km
ISC 13:00:13:25.8.0.7.40.80N:02:71.61E:0.02, h10km, n47, e213/83, 24C-15D, Tajikistan

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like Cannon Point, D'Urville Isla, Traveller, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like IPOC Station P, Chumizua, etc.

Main table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like SOEJ Jacaque, BBOD La Paz, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like ARMA Armidale, ASAJ Asahikawa, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like KSH2 Kashi, AAK Ala-Archa, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like TEH 13 00:44:11.5, 37.60N-49.07E, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like SSNC 13 00:49:08.4, 17.71N-81.89W, etc.

SDD 13 00:49:16.3, 2.3, 19.55N, 73.95W, h52km, 965km, MD3.6, ML2.8, MW2.9, Presumed earthquake

SSNC 13 00:49:18.2, 1.2, 19.25N, 73.93W, h25km, 11km, ML2.9, Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like QMBU Quimbeulo, GTBY Guantanamo Bay, etc.

Table with columns: IOTA, Name, RA, Dec, P, M, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes entries like Tendick Farm, Moxie City, Khabaz, etc.

Table with columns: IOTA, Name, RA, Dec, P, M, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes entries like Castle Valley, Big Chuckawalk, Red Mountain, etc.

Table with columns: Code, Station Name, RA, Dec, P, M, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes entries like Kota Agung, Liwa, Bandar Lampung, etc.

13C 13 01:47:43.0, 2.0, 6.23S, 104.03E, h0km, mb3.8/10, mbmp3.8/10, Error ellipse: s-maj=84.2km s-min=17.1km az=55.0

13C 13 01:47:50.1, 0.9, 6.33S, 101.1041E, 0.1, h48km, n34, az=203/22, mb3.8/10, Sunda Strait

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like San Jacinto, Ocana, Uribia, Pampolona, etc.

NIED 13 02:19:26.5, 31.45N; 128.75E, h8km, MW3.5, Moment Tensor Solution... s3 Moment tensor: Scale 10^14Nm...

JMA 13 02:19:26.5, 31.45N; 128.75E, h8km, 2km, MW3.6/2.1, SW OFF KYUSHU, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Shimokoshiki, Fukue jima 2, Suzuyama, etc.

RSNC 13 02:38:34.8, 0.0, 8N; 1.1, 7.4W, h10km, 2km, M3.1, mb4.0, ML2.8, MLV3.6, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Ocana, San Jos de Ur, Barrancabermej, San Jacinto, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Santo Domingo, Chingaza, Cruz Verde, Uribia, Villavicencio, etc.

NOU 13 02:41:54.6, 21.16S; 170.50E, h0km, MLV4.1/9, Southeast of Loyalty Islands

IDC 13 02:41:57.5, 5.7, 21.60S; 170.53E, h189km, 33km, mb3.4/3, mbmp3.9/4, Error ellipse: s-maj=84.8km s-min=43.7km az=145.0

ISC 13 02:41:53.2, 0.2, 21.2S; 0.5, 170.7E; 0.2, h150km, n11, e172/12, mb3.8/3, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Mare, Loyalty, Mare, Loyalty, YATNC Mamie plateau, etc.

MAN 13 02:59:43.0, 14.85N; 123.92E, h27km, MS3.7, Luzon

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Guinayangan, Casiguran, Aur, etc.

TEH 13 03:04:38.8, 36.08N; 53.44E, h5km, 14km, ML4.5, Presumed earthquake

THR 13 03:04:40.2, 0.0, 36.07N; 53.48E, h10km, 3km, ML4.6, Presumed earthquake

MOS 13 03:04:40.9, 1.3, 36.26N; 53.51E, h14km, mb4.7/31, Error ellipse: s-maj=5.7km s-min=3.7km az=128.6

IDC 13 03:04:40.2, 0.7, 36.10N; 53.43E, h0km, mb4.1/20, mbmp4.1/29, ML3.7/10, MS3.8/53, Error ellipse: s-maj=15.1km s-min=10.5km az=178.0

NEIC 13 03:04:42.1, 1.8, 36.21N; 0.08, 53.53E; 0.08, h10km, 1km, mb4.5/46, Error ellipse: s-maj=13.3km s-min=10.1km az=194.0

NNC 13 03:04:43.5, 3.3, 36.61N; 53.60E, h0km, mb4.5, Error ellipse: s-maj=27.3km s-min=18.1km az=37.0

ISC 13 03:04:41.0, 0.3, 36.13N; 0.03, 53.45E; 0.03, h10km, n403, e199/411, mb4.4/70, MS3.9/57, 43C-17D, Northern and central Iran

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Shahmirzad, Ghaloghah, Alash, Firoozkoo, Anjilo, Lasjerd, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Zanjani, Tabas, Koohdasht, Chekchek, etc.

comp=Z,540nm,1.0s

comp=Z,300nm,1.0s

comp=Z,1.1um,1.0s

comp=Z,87nm,1.0s

comp=Z,180nm,1.0s

comp=Z,87nm,1.0s

comp=Z,53nm,1.6s

comp=N,178nm,0.5s

comp=N,157nm,0.5s

comp=E,132nm,0.4s

comp=Z,1.1um,16.0s

comp=Z,1.5nm,0.3s, baz=224, slow=1.7, SNR=15

comp=Z,0.5nm,0.3s, baz=232, slow=1.8, SNR=1.4

comp=Z,5.5nm,0.5s

comp=Z,361nm,1.3s

comp=Z,276nm,10.0s

comp=Z,0.4nm,0.3s, baz=168, slow=2.1, SNR=6.4

comp=Z,0.5nm,0.3s, baz=274, slow=20, SNR=4.2

comp=Z,2.7nm,0.6s

comp=Z,2.4um,1.0s

comp=Z,2.6nm,1.0s

comp=Z,2.6nm,1.0s

comp=Z,2.6nm,1.0s

comp=Z,2.6nm,1.0s

comp=Z,2.6nm,1.0s

comp=Z,2.6nm,1.0s

comp=Z,2.6nm,1.0s

comp=Z,2.6nm,1.0s

comp=Z,2.6nm,1.0s

comp=Z,2.6nm,1.0s

comp=Z,2.6nm,1.0s

comp=Z,2.6nm,1.0s

comp=Z,2.6nm,1.0s

comp=Z,2.6nm,1.0s

comp=Z,2.6nm,1.0s

comp=Z,2.6nm,1.0s

comp=Z,2.6nm,1.0s

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TOKA, BATK, BTK, BNN, ASF, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ARTI, ARTI, ARTI, ARTI, ARTI, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like RNPP5, RNPP8, GZR, RNPP9, etc.

Table with columns: Station Name, Frequency, Power, and other parameters. Includes stations like KNGR, HFS, NOA, etc.

Table with columns: Station Name, Frequency, Power, and other parameters. Includes stations like SFJD, MA2, TSMU, etc.

Table with columns: Code, Station Name, Frequency, Power, and other parameters. Includes stations like L19K, J20K, G19K, etc.

IDC 13 03:44:35.1s 1.6, 36:30N:145:56E, h240km, 18km, mb3.3/6, mbmp3.9/7, Error ellipse: s-maj=31.4km s-min=23.0km az=78.0

NEIC 13 03:44:35.1s 1.3, 36:30N:145:56E:0.2, h235km, 7km, mb4.0/8, Error ellipse: s-maj=23.6km s-min=14.0km az=78.0

ISC 13 03:44:35.6-0.7, 16:21N:09:145:55E:0.2, h250km, n22, o083Z/24, mb3.9/10, Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Saipan, Guam, Warramunga Arr, etc.

IDC 13 03:48:52.1-4.4, 5:19S:149:79E, h0km, mb2.9/2, mbmp3.0/2, Error ellipse: s-maj=182.3km s-min=51.8km az=115.0, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Warramunga Arr, ASAR Alice Springs, etc.

NEIC 13 03:50:49.2s 1.5, 21:8S:0:179:4W:0:1, h595km, 8km, mb4.1/21, Error ellipse: s-maj=19.9km s-min=14.3km az=150.0

IDC 13 03:50:50.5s 1.7, 21:63S:179:57W, h612km, 18km, mb3.5/9, mbmp4.5/10, Error ellipse: s-maj=26.0km s-min=14.7km az=147.0

ISC 13 03:50:48.5-0.6, 21:80S:0:179:48W:0:10, h592km, n59, o077/58, mb4.2/20, 3D, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Nonsavu, MSVF, RAO, etc.

ISC 13 04:01:17.9s 1.8, 41:79S:84:94E, h0km, mb3.7/9, mbmp3.4/3, Error ellipse: s-maj=38.1km s-min=33.8km az=0.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Karatay Array, Cape Leeuwin H, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Lajitas Array, Chiang Mai Arr, etc.

IDC 13 04:04:41.2s 14.0, 6:29N:123:62E, h145km, 132km, mb3.6/5, mbmp4.0/5, MS3.5/1, Error ellipse: s-maj=278.3km s-min=18.3km az=62.0

NEIC 13 04:05:14.6s 1.3, 6:1N:0:1:123:8E:0.2, h540km, 14km, mb4.1/7, Error ellipse: s-maj=25.4km s-min=16.6km az=67.0

ISC 13 04:05:15.0-0.7, 5:97N:0:09:123:79E:0:10, h550km, n25, o15/25, mb3.6/9, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KCP, DDM, DAV, etc.

ISC 13 04:05:15.0-0.7, 5:97N:0:09:123:79E:0:10, h550km, n25, o15/25, mb3.6/9, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WARRAMUNGA ARR, WARRAMUNGA ARR, etc.

ISC 13 04:05:15.0-0.7, 5:97N:0:09:123:79E:0:10, h550km, n25, o15/25, mb3.6/9, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KARATAY ARRAY, CAPE LEEUWIN H, etc.

ISC 13 04:01:17.9s 1.8, 41:79S:84:94E, h0km, mb3.7/9, mbmp3.4/3, Error ellipse: s-maj=38.1km s-min=33.8km az=0.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H01W2, H01W3, H01W4, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like QSPA South Pole Qui, PALK, BOS, etc.

MOS 13 04:55:07.7-0.8, 54:59N:112:00E, h14km, mb4.5/18, MS3.7/7, Error ellipse: s-maj=7.1km s-min=4.5km az=74.8

BYKL 13 04:55:08.9-0.1, 54:62N:111:97E, h16km, 3km, mb3.9/21, mbmp4.0/28, ML4.2/6, MS3.3/11, Error ellipse: s-maj=10.9km s-min=9.9km az=50.0

NEIC 13 04:55:09.7s 1.6, 54:80N:0:07:111:9E:0:1, h10km, 1km, mb4.4/43, Error ellipse: s-maj=13.3km s-min=12.0km az=47.0

ISC 13 04:55:09.4-0.5, 54:84N:0:02:111:97E:0:02, h11km, 3km, h11 km, pP, n242, o29/354, mb4.6/2, MS3.2/9, 20C-9D, Lake Baykal region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ULYUNKHAN, ULYUNKHAN, UKT, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance, Elevation Covariance, Azimuth Covariance Error, Elevation Covariance Error, Azimuth Bias Error, Elevation Bias Error, Azimuth Bias Variance, Elevation Bias Variance, Azimuth Bias Covariance, Elevation Bias Covariance, Azimuth Bias Covariance Error, Elevation Bias Covariance Error, Azimuth Bias Error Variance, Elevation Bias Error Variance, Azimuth Bias Error Covariance, Elevation Bias Error Covariance, Azimuth Bias Error Covariance Error, Elevation Bias Error Covariance Error.

BYKL 13 05:37:24.0.0.2.55:19N:112:48E
IDC 13 05:37:25.8.2.3.55:07N:112:30E,h0km,mb3.6/2,
mbtmp3.6/5,ML3.4/3,Error ellipse: s-maj=28.4km
s-min=20.2km az=59.0

ISC 13 05:37:24.1-0.7,55:16N:0:02:112:41E:0:02,h10km,n28,
az=242/68,2C-1D,Lake Baykal region

Main table for station data, columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance, Elevation Covariance, Azimuth Covariance Error, Elevation Covariance Error, Azimuth Bias Error, Elevation Bias Error, Azimuth Bias Variance, Elevation Bias Variance, Azimuth Bias Covariance, Elevation Bias Covariance, Azimuth Bias Covariance Error, Elevation Bias Covariance Error, Azimuth Bias Error Variance, Elevation Bias Error Variance, Azimuth Bias Error Covariance, Elevation Bias Error Covariance, Azimuth Bias Error Covariance Error, Elevation Bias Error Covariance Error.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance, Elevation Covariance, Azimuth Covariance Error, Elevation Covariance Error, Azimuth Bias Error, Elevation Bias Error, Azimuth Bias Variance, Elevation Bias Variance, Azimuth Bias Covariance, Elevation Bias Covariance, Azimuth Bias Covariance Error, Elevation Bias Covariance Error, Azimuth Bias Error Variance, Elevation Bias Error Variance, Azimuth Bias Error Covariance, Elevation Bias Error Covariance, Azimuth Bias Error Covariance Error, Elevation Bias Error Covariance Error.

IDC 13 05:53:11.2.1.5,38:20N:22:82E,h0km,mb3.7/4,
mbtmp3.6/5,ML 1.1/1, Error ellipse: s-maj=29.4km
s-min=19.4km az=69.0

THE 13 05:53:12.3,38:20N:0:8:22:8E:0:6,h12km,3km,ML2.9/18,
MLh2.9/18

ATH 13 05:53:12.2,38:18N:22:75E,h10km,2km,ML2.9/24,
Latitude uncertainty: 0 km; Longitude uncertainty: 0 km

ISC 13 05:53:12.5-0.8,38:18N:0:02:22:77E:0:01,h13km,6km,
n67,r0961/104,mb3.9/3,Greece

Main table for station data, columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance, Elevation Covariance, Azimuth Covariance Error, Elevation Covariance Error, Azimuth Bias Error, Elevation Bias Error, Azimuth Bias Variance, Elevation Bias Variance, Azimuth Bias Covariance, Elevation Bias Covariance, Azimuth Bias Covariance Error, Elevation Bias Covariance Error, Azimuth Bias Error Variance, Elevation Bias Error Variance, Azimuth Bias Error Covariance, Elevation Bias Error Covariance, Azimuth Bias Error Covariance Error, Elevation Bias Error Covariance Error.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance, Elevation Covariance, Azimuth Covariance Error, Elevation Covariance Error, Azimuth Bias Error, Elevation Bias Error, Azimuth Bias Variance, Elevation Bias Variance, Azimuth Bias Covariance, Elevation Bias Covariance, Azimuth Bias Covariance Error, Elevation Bias Covariance Error, Azimuth Bias Error Variance, Elevation Bias Error Variance, Azimuth Bias Error Covariance, Elevation Bias Error Covariance, Azimuth Bias Error Covariance Error, Elevation Bias Error Covariance Error.

IDC 13 06:02:15.1-0.6,7:13N:3:7:3W:3,h153km,7km,ML4.0/9,
mb3.4/2,mb3.9/1,MLy4.2/9,Mw(Mj)2.8/1,Error ellipse:
s-maj=9.4km s-min=5.9km az=95.7,confirmed

NEIC 13 06:02:15.9,1.2,6:81N:0:07:73:01W:0:06,h153km,8km,
mb4.4/37,Error ellipse: s-maj=10.4km s-min=8.7km
az=152.0

IDC 13 06:02:15.2-0.7,6:82N:73:03W,h156km,7km,mb3.5/7,
mbtmp4.1/1,Error ellipse: s-maj=16.5km s-min=7.3km
az=128.0

RSNC 13 06:02:16.5-0.0,7:1N:1:7:3W:3,h145km,1km,ML4.0,
mb5.0,mb4.2,ML3.6,Mw(Mj)4.3

FUNV 13 06:02:17.3,7:18N:73:03W,h5km,MW3.8,Presumed
earthquake

ISC 13 06:02:15.1-0.6,6:82N:0:03:73:08W:0:04,h151km,5km,
n108,r128/131,mb4.3/2,1D,Northern Colombia

Main table for station data, columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance, Elevation Covariance, Azimuth Covariance Error, Elevation Covariance Error, Azimuth Bias Error, Elevation Bias Error, Azimuth Bias Variance, Elevation Bias Variance, Azimuth Bias Covariance, Elevation Bias Covariance, Azimuth Bias Covariance Error, Elevation Bias Covariance Error, Azimuth Bias Error Variance, Elevation Bias Error Variance, Azimuth Bias Error Covariance, Elevation Bias Error Covariance, Azimuth Bias Error Covariance Error, Elevation Bias Error Covariance Error.

Table with columns: SEUS, IAML, 07 14 18.2, 07 13 34.0 +1.7, 07 13 33.3 +1.0, 07 14 00.5 +1.7, 07 13 34.1 +1.2, 07 14 01.4 +1.5, 07 13 33.8 +0.9, 07 13 34.1 +1.2, 07 14 01.4 +1.5, 07 14 05.4 +0.3, 07 14 24.7, 07 13 36.5 +0.7, 07 13 35.9 +1.0, 07 13 37.1 +1.1, 07 13 36.9 +0.7, 07 13 37.1 +0.8, 07 13 37.4 +1.1, 07 13 37.1 +0.8, 07 14 28.7, 07 13 36.8 +0.5, 07 13 37.1 +0.8, 07 13 41.4 +1.6, 07 14 42.0, 07 13 41.4 +1.6, 07 14 14.4 +2.0, 07 13 40.6 +0.4, 07 14 18.3, 07 13 40.4 +0.2, 07 13 40.6 +0.4, 07 13 42.3 +1.1, 07 14 16.0 +1.2, 07 13 43.0 +1.3, 07 14 17.1 +1.4, 07 14 27.2, 07 13 42.4 +0.7, 07 13 43.0 +1.3, 07 13 42.9 +1.1, 07 14 17.1 +1.2, 07 14 25.8, 07 13 42.9 +1.1, 07 13 42.9 +1.1, 07 13 43.4 +1.0, 07 14 19.3 +2.3, 07 14 26.8, 07 14 34.5, 07 13 43.8 +1.4, 07 13 43.4 +1.0, 07 13 44.3 +1.9, 07 13 44.5 +2.1, 07 13 41.8 -0.6, 07 14 15.1 -1.9, 07 13 46.0 +0.9, 07 13 46.1 +1.5, 07 13 46.0 +0.9, 07 14 23.2 +1.5, 07 13 48.4 +1.3, 07 13 56.6 +1.2, 07 13 57.7 +2.3, 07 14 00.5 +0.5, 07 14 39.9 -1.1, 07 13 57.4 +1.3, 07 14 59.6, 07 13 56.5 +0.3, 07 13 57.4 +1.3, 07 14 08.2 +1.0, 07 14 48.1 +1.5, 07 14 18.9 +3.0, 07 15 16.9 0.0, 07 16 04.6, 07 14 17.4 +0.4, 07 15 41.6, 07 15 58.2, 07 14 21.2 +2.4, 07 14 21.6 +1.3, 07 14 27.7 +1.2, 07 15 33.7 -2.4, 07 14 34.2 +1.0, 07 14 34.8 +1.6, 07 15 49.9 +1.8, 07 16 00.3 +2.2, 07 16 15.4 +2.2, 07 15 09.1 +2.9, 07 15 15.1 -3.9, 07 15 17.9 -3.5, 07 15 17.3 -3.7, 07 15 19.3 -3.4, 07 15 26.6 -3.6, 07 15 27.5 -4.3, 07 15 28.5 -4.3, 07 15 34.4 -1.4, 07 15 35.0 -4.0, 07 15 47.6 +0.8, 07 17 51.5 -8.6, 07 20 47.0, 07 17 49.6 -8.3, 07 16 56.3 +0.3, 07 16 59.3 +1.0, 07 20 09.0 -1.8, 07 17 00.1 +1.8, 07 17 03.2 -4.7, 07 20 13.3 -1.6, 07 20 13.3 -1.6, 07 20 07.8, 07 17 42.9 +0.2, 07 17 44.0, 07 17 48.3 -0.5, 07 17 57.4 +1.3, 07 18 00.0

Table with columns: TEIG, Tepich, 2024 277, P, Iamb, 07 17 56.9 +0.1, 07 18 00.5, 07 18 05.5 -0.4, 07 26 18.5, 07 18 12.7 -1.1, 07 18 41.9, 07 28 43.2, 07 19 03.0, 07 19 43.4, 07 19 44.5, 07 19 49.0 +1.4, 07 19 54.9, 07 19 53.5 -0.5, 07 19 54.1 +0.2, 07 20 21.5, 07 19 55.1, 07 20 52.6, 07 19 59.8, 07 20 00.0, 07 20 09.5, 07 20 08.2 +1.0, 07 22 28.0 +0.2, 07 20 08.1 +0.8, 07 20 09.7, 07 20 16.2 -0.3, 07 20 32.5, 07 20 20.8, 07 20 36.5 +1.1, 07 20 27.7, 07 20 29.4 -0.6, 07 36 13.1, 07 20 32.1, 07 20 34.8 +0.9, 07 20 35.9 +1.3, 07 20 35.8 +1.2, 07 20 36.8, 07 20 56.2, 07 20 57.9, 07 20 58.0, 07 20 58.0, 07 21 01.1, 07 20 58.5, 07 20 59.4, 07 20 58.7, 07 20 58.7, 07 20 58.7, 07 20 58.2, 07 20 59.2, 07 20 58.2, 07 21 01.2 +0.9, 07 21 10.3, 07 21 11.3, 07 21 11.3, 07 21 11.3, 07 21 10.6 +1.0, 07 22 52.2 0.0, 07 21 09.8 +0.2, 07 21 18.0, 07 21 20.1, 07 21 16.0 -2.3, 07 41 59.6, 07 21 25.0, 07 21 22.8, 07 21 24.7, 07 21 41.6, 07 21 27.4, 07 21 29.9, 07 21 34.6, 07 21 40.4, 07 21 42.8, 07 21 44.7, 07 21 47.5, 07 21 51.2, 07 21 52.5 -0.9, 07 23 13.4 +1.0, 07 44 41.6, 07 22 01.3, 07 43 07.0, 07 22 06.2 -0.1, 07 22 12.4 +0.8, 07 22 14.6, 07 22 21.7 +0.6, 07 22 32.2 +1.3, 07 22 32.2 +1.3, 07 46 18.8, 07 48 48.9, 07 22 57.2 0.0, 07 22 57.2 0.0

Table with columns: PLCA, Paso Flores, 59 185, P, P, 07 23 01.4 -1.2, 07 23 26.7 -0.1, 07 23 29.3, 07 23 56.7 +0.7, 07 24 05.0 -0.7, 07 54 16.6, 07 25 27.6 +0.7, 08 06 35.3, 08 10 34.5, 07 32 58.3 -1.0, 07 32 57.9 -1.4, 07 33 45.8 -1.2

NNC 13 07:17:48 3.2, 1.43:52N-87:52E, h0km, mb3.7, mpv3.4, 7C-5D, Error ellipse: s-maj=18.9km s-min=12.6km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, MK31, Makanchi Array, 4.94 313, 07 19 04.7 +0.9, MK31, 5.9km, 7.5, baz=132, slow=25, SNR=5.1, 07 20 27.0 +0.8, MAKZ, Makanchi, 5.12 312, 07 20 29.5, MAKZ, 14nm, 1.1s, 07 20 29.5, PDGK, Podgornoye, 5.86 271, 07 19 15.4 -1.1, PDGK, 12nm, 0.9s, 07 20 26.8 +2.1, PDGK, 22nm, 0.8s, 07 20 04.0 -0.6, KURBB, Kurchatov Arra, 9.38 322, 07 22 46.6, KURBB, 1.1nm, 0.5s, 07 22 46.6, KURK, Kurchatov, 9.41 323, 07 20 03.7 -1.3, KURK, 1.3nm, 1.1s, 07 22 46.6, AAK, Ala-Archa, 9.58 269, 07 22 51.8, AAK, 4.3nm, 1.2s

IDC 13 07:24:19 1.1, 7:85N-83:13W, h0km, mb3.7/6, mbmp3.8/10, ML3/3.4, MS3/3/5, Error ellipse: s-maj=36.0km s-min=15.4km az=42.0

RSNC 13 07:24:21 9.0, 4.8:11N-84:3W, h2km, mb4.5, mb4.5, ML3.4

UCR 13 07:24:21 0.0, 6:31N-82:97W, h4km, 6km, MW4.6, Presumed earthquake

UPA 13 07:24:22 1.2, 8:30N-82:89W, h10km, 5km, MW4.1, Fault plane solution: N1°E, 111.0000°, d18.0000°, 7-102.0000°, Presumed earthquake

NEIC 13 07:24:24 0.2, 7:84N-0:06E, 83:01W, 0.0, h10km, 1km, mb4.5/1, Error ellipse: s-maj=9.9km s-min=7.4km

CATAC 13 07:24:26 3.0, 9:5N-5:8W, h12km, 1km, M4.7/19, mb5.1/5, mb5.3/3, MLV4.5/19, Mw(MB)4.7/3, Error ellipse: s-maj=11.6km s-min=2.7km az=19.0, confirmed

ISC 13 07:24:22 3.0, 8:31N-0:02E, 82:95W, 0.02, h10km, 6km, n129, s173/155, mb4.4/9, 16C, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, PTPM, Petromeroline, 0.12 145, 07 24 25.1, LMNES, Limones, 0.22 156, 07 24 26.9 0.0, LMNES, 0.28 16, 07 24 27.5 -0.3, CDITO, Canoas, 0.34 1, 07 24 32.9 -1.2, CDITO, 0.34 1, 07 24 34.7 +0.7, NELY, Ciudad Neily, 0.34 1, 07 24 28.7 -0.4, NELY, 0.34 1, 07 24 28.7 -0.4, NELY, 0.34 1, 07 24 28.7 -0.4, FITO, Golfito, 0.38 328, 07 24 34.9 -1.3, FITO, 0.38 328, 07 24 33.9 -0.8, PIRO, Carate, Puerto, 0.39 284, 07 24 28.9 -0.9, PIRO, 0.39 284, 07 24 28.9 -0.9, PIRO, 0.39 284, 07 24 28.9 -0.9, JIME, Puerto Jimenez, 0.44 302, 07 24 29.8 -0.5, JIME, 0.44 302, 07 24 29.8 -0.5, VITO, San Vito, 0.51 358, 07 24 32.3 -0.3, VITO, 0.51 358, 07 24 31.5 +0.5, DVD, David, 0.57 1, 07 24 38.7 -0.3, DVD, 0.57 1, 07 24 38.7 -0.3, BRUJ, Volcan, 0.55 28, 07 24 28.7 -0.4, BRUJ, 0.55 28, 07 24 28.7 -0.4, CLLR, Cordillera, 0.55 37, 07 24 32.8 -0.2, CLLR, 0.55 37, 07 24 32.8 -0.2, SCIRA, Santa Clara, 0.55 18, 07 24 32.9 -0.1, SCIRA, 0.55 18, 07 24 32.9 -0.1, CHIR, Chiriqui UPA, 0.62 82, 07 24 42.1 +0.5, CHIR, 0.62 82, 07 24 42.1 +0.5, BOTLY, Boquete Panama, 0.66 47, 07 24 34.3 -0.8, EDP2, Potrero Grande, 0.74 342, 07 24 35.8 -0.8, EDP2, 0.74 342, 07 24 35.8 -0.8, PANP, Palmar Norte, 0.82 322, 07 24 36.3 -1.9, PANP, 0.82 322, 07 24 36.3 -1.9, BURE, Buenos Aires, 0.94 336, 07 24 38.7 -1.8, BURE, 0.94 336, 07 24 38.7 -1.8, ISECA, Isla Secas, 0.96 139, 07 24 52.2 -1.2, ISECA, 0.96 139, 07 24 52.2 -1.2, RBALA, Bar, 0.97 54, 07 24 39.3 -1.7, RBALA, 0.97 54, 07 24 39.3 -1.7, EDPE, Pejibaye, P, 1.05 324, 07 24 40.0 -2.4, EDPE, 1.05 324, 07 24 40.0 -2.4, SAJE, San Jeronim, 1.17 332, 07 24 42.0 -2.7, SAJE, 1.17 332, 07 24 42.0 -2.7, PDACN, Manzanara, Fuen, 1.24 91, 07 24 42.9 -2.8, PDACN, 1.24 91, 07 24 42.9 -2.8, ZEDO, Perez Zeledon, 1.27 325, 07 24 45.1 -1.1, ZEDO, 1.27 325, 07 24 45.1 -1.1, LUJA, Cerro Uatsi, L, 1.31 0, 07 24 46.0 -0.7, LUJA, 1.31 0, 07 24 46.0 -0.7, GRIBI, P, 1.31 6, 07 24 46.2 -0.5, GRIBI, 1.31 6, 07 24 46.2 -0.5, RGMO, Gandoca, 1.32 15, 07 24 47.0 -0.2, RGMO, 1.32 15, 07 24 47.0 -0.2, RGMO, 1.32 15, 07 24 47.0 -0.2, BUS1, Rivas, 1.42 328, 07 24 47.0 -2.2, BUS1, 1.42 328, 07 24 47.0 -2.2, QUEP, Quepos, 1.64 313, 07 24 50.7 -0.4, QUEP, 1.64 313, 07 24 50.7 -0.4, PIEC, Cerro El Cedra, 1.64 323, 07 25 00.2 -1.2, PIEC, 1.64 323, 07 25 00.2 -1.2, PITA, Pirs, San, 1.71 322, 07 24 51.6 -0.7, PITA, 1.71 322, 07 24 51.6 -0.7, VIBN, Juan Vinas, 1.76 334, 07 24 52.3 -0.7, VIBN, 1.76 334, 07 24 52.3 -0.7, LCR2, San Pablo, 1.77 322, 07 24 51.8 -1.3, LCR2, 1.77 322, 07 24 51.8 -1.3, LCR2, La Lucha 2, 1.77 324, 07 24 52.1 -1.1, LCR2, 1.77 324, 07 24 52.1 -1.1, LCR2, La Lucha 2, 1.77 324, 07 24 51.9 -1.2, LCR2, 1.77 324, 07 24 52.1 -1.1, LCR2, 1.77 324, 07 24 52.1 -1.1, PCAYA, Pacayas, 1.81 332, 07 24 52.9 -0.6, PCAYA, 1.81 332, 07 24 52.9 -0.6, VTCV, VTCV, Calle Va, 1.83 335, 07 24 53.2 -0.9, VTCV, 1.83 335, 07 24 53.2 -0.9, RIFA, Rifa, 1.85 344, 07 24 53.8 -0.5, RIFA, 1.85 344, 07 24 53.8 -0.5, CVTO, Turrialba Volc, 1.87 335, 07 24 54.2 -0.5, CVTO, 1.87 335, 07 24 54.2 -0.5, VTR0, Volcan Turrial, 1.88 335, 07 24 54.0 -0.8, VTR0, 1.88 335, 07 24 54.0 -0.8, CVTR, Volcan Turrial, 1.88 335, 07 24 53.9 -0.9, CVTR, 1.88 335, 07 24 53.9 -0.9, LUJA, Lujan, 1.95 326, 07 24 55.3 -0.4, LUJA, 1.95 326, 07 24 55.3 -0.4, GUALPE, Gualupe, 1.96 326, 07 24 55.0 -0.5, GUALPE, 1.96 326, 07 24 55.0 -0.5, HDC, Heredia, 2.00 326, 07 24 57.0 +0.2, HDC, 2.00 326, 07 24 57.0 +0.2, TCS1, Tacares, 2.18 322, 07 25 00.1 +1.4, TCS1, 2.18 322, 07 25 00.1 +1.4, PNME, Penonome, 2.60 86, 07 25 04.0 -0.4, PNME, 2.60 86, 07 25 04.0 -0.4, PNME, 2.60 86, 07 25 04.0 -0.4, PNME, 2.60 86, 07 25 04.0 -0.4, AZU, Azuero, 2.70 101, 07 25 04.2 +2.7, AZU, 2.70 101, 07 25 04.2 +2.7

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Waomatatini S, Pakihiroa, Puketiti, Te Kaha, Tolaga Bay Area, Raukumara Rang, Carnagh Station, White Island, Mahia Peninsula, and Kaweka Forest.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Lake Rotokare, Palmer Road, Newall Road, Mount Morrison, Kapiti Island, Warramunga Arr, Alice Springs, and Keravat.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Skilak Lake, Tagagavai, Port Wells, Eielson Array, Kurchatov Arra, Akbulak array, Charters Tower, Stephens Creek, Warramunga Arr, and Keravat.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WHYT Xinyi Township, WCHH Zhanghua, WNT Mingjian, etc.

IDC 13 10:07:48.7, 1.4, 7.74S; 120.75E, h0km, mb3.7/3, mbmp3.6/ML3.3/MS2.6/1, Error ellipse: s-maj=12.3km s-min=14.8km az=64.0

DJA 13 10:07:49.7, 0.3, 8.3, S, 3.3, 12.0E, h10km, M3.6/9, MLv3.6/9, ISC 13 10:07:46.7, 0.8, 7.74S; 0.05x120.15E:0.09, h10km, n12, az=155/13, Flores Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BSSI Bau Bau, Buton, BSSI Ende, Flores, EDFI Ende, Flores, etc.

NOU 13 10:16:19.2, 15.30S; 167.48E, h107km, MLv4.8/21, Vanuatu Islands
IDC 13 10:16:20.3, 3.5, 15.33S; 167.49E, h140km, mb3.7/8, mbmp4.2/10, Error ellipse: s-maj=34.0km s-min=18.5km az=55.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SANVU Saraoutou, SANVU Saraoutou, DVP Devils Point, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YATNC Mammie plateau, YATNC Mammie plateau, DZM 24nm, 0.7s, baz=305, slow=23, SNR=8.6, etc.

NEIC 13 10:18:44.1, 0.9, 18.2N; 0.4, 64.63W; 0.06, h127km, 1.7km, ML2.6/25, Md3.6/10(RSPR), Error ellipse: s-maj=55.2km s-min=7.4km az=184.0

RSPPR 13 10:18:46.3, 18.18N; 64.77W, h130km, 1km, MD3.6/10, ISC 13 10:18:44.0, 1.5, 18.1N; 0.3, 64.62W; 0.06, h128km, n32, az=51/33, 3C-6D, Virgin Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HUMP Col San Antoni, HUMP Col San Antoni, HUMP Col San Antoni, etc.

IDC 13 10:28:11.3, 0.3, 5.97S; 146.96E, h0km, mb5.2/32, mbmp5.2/38, ML5.1/5, MS4.7/50, Error ellipse: s-maj=12.8km s-min=7.6km az=76.0

GFZ 13 10:28:14.2, 5.96S; 146.99E, h2km, Mw5.5/75, Moment Tensor Solution. Moment tensors: Scale 10^17Nm; M2: 0.6, M3: -1.55, M4: -0.51, M5: -0.05, M6: 0.62, M7: 0.02; Fault plane solution: M1: 95974x10^17 Np^2; phi: 115.09719; 84.17720; 1.90.31789; NP2: phi: 294.65395; 845.82366; 1.89.61111; Principal axes: T 2.0614, P1g89.1475, Azm189.8089; N -0.2223, P1g0.2215, Azm294.8692; P -1.8391, P1g0.8232, Azm24.8724

BUI 13 10:28:15.6, 6.21S; 147.37E, h67km, mb5.4/35, mb5.3/84, Ms4.9/54, Ms7.4/752

MOS 13 10:28:16.3, 1.1, 5.97S; 146.90E, h41km, mb5.5/44, Error ellipse: s-maj=8.3km s-min=4.6km az=105.1

GFZ 13 10:28:17.4, 0.2, 6.52S; 147.14E, h38km, 1km, Mw5.4/86, Mb5.5/86, Error ellipse: s-maj=4.9km s-min=4.0km az=68.3, confirmed

NEIC 13 10:28:19.8, 1.3, 6.06S; 0.06x147.02E:0.07, h58km, 6km, mb5.4/119, Mw5.2/11, Error ellipse: s-maj=10.7km s-min=8.6km az=94.0

GCMT 13 10:28:19.8, 0.1, 6.09S; 0.07x147.07E:0.01, h42km, Mw5.5/152, Moment Tensor Solution. s152, c259; s140, c261; Duration: 1s3 Moment tensors: Scale 10^17 Nm; M1: 1.76x10^2; M2: 0.85x10^2; M3: -0.07x10^2; M4: 0.12x10^2; M5: 0.85x10^2; M6: -0.21x10^2; Best double couple: M1: 92.100x10^17 Np^2; M2: 288.000x10^17 Np^2; M3: 0.000x10^17 Np^2; M4: 19.000x10^17 Np^2; M5: 0.000x10^17 Np^2; M6: 0.000x10^17 Np^2; Principal axes: T 1.7830, P1g84.0000; Azm65.0000; N 0.2800, P1g5.0000; Azm294.0000; P -2.0590, P1g3.0000; Azm204.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG 179nm, 0.3s, baz=355, slow=9.1, SNR=4.7, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG comp=Z, 35nm, 20.7s, baz=358, slow=46, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, etc.

Table with columns: Station, Name, Time, Az, El, AzM, ElM, AzD, ElD, AzS, ElS, AzR, ElR, AzT, ElT, AzP, ElP, AzC, ElC, AzM, ElM, AzD, ElD, AzS, ElS, AzR, ElR, AzT, ElT, AzP, ElP, AzC, ElC. Includes stations like Alice Springs, Alice Springs, Alice Springs, etc.

Table with columns: Station, Name, Time, Az, El, AzM, ElM, AzD, ElD, AzS, ElS, AzR, ElR, AzT, ElT, AzP, ElP, AzC, ElC. Includes stations like Kahang, WAKE ISLAND HY, WAKE ISLAND HY, etc.

Table with columns: Station, Name, Time, Az, El, AzM, ElM, AzD, ElD, AzS, ElS, AzR, ElR, AzT, ElT, AzP, ElP, AzC, ElC. Includes stations like Taipei, Taipei, Taipei, etc.

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
Op	h	m	s	ISC	h	m	s
OHAK	Old Harbor	2.26	303		Pn	11 12 26.5	+1.0
OHAK	Kodiak Island	2.32	320		Pn	11 12 27.1	+1.9
OHAK	Kodiak Island	2.32	320		Pn	11 12 27.1	+0.8
KDAK	Kodiak Island	2.32	320	IAML	Pn	11 12 54.1	+2.0
KDAK	79nm,0.4s			IAML	Pn	11 12 55.1	
SII	Sitkinak Islan	2.50	284	P	Pn	11 12 29.3	+0.4
SII	Sitkinak Islan	2.50	284		Pn	11 12 29.2	+0.4
SII	Sitkinak Islan	2.50	284		Pn	11 12 57.5	-1.9
SII	Sitkinak Islan	2.50	284	IAML	Pn	11 13 06.4	
SII	comp=N,136nm,1.0s			IAML	Pn	11 13 07.4	
CHIR	Chirikof Islan	3.28	269	P	Pn	11 12 39.8	+0.2
CHIR	Chirikof Islan	3.28	269		Pn	11 12 40.2	+0.6
CHIR	Chirikof Islan	3.28	269	IAML	Pn	11 13 15.9	-2.7
CHIR	Chirikof Islan	3.28	269	IAML	Pn	11 13 17.5	
CHIR	comp=E,167nm,0.7s			IAML	Pn	11 12 44.6	+1.1
Q19K	Cape Bugeis	3.57	326		Pn	11 13 24.3	-1.4
Q19K	Cape Douglas	3.57	326		Pn	11 13 24.3	-1.4
Q19K	Cape Douglas	3.57	326	IAML	Pn	11 13 31.9	
Q19K	comp=E,376nm,0.9s			IAML	Pn	11 13 32.4	
CNPM	China Poot	3.58	348		Pn	11 12 44.2	+0.5
CNPM	China Poot	3.58	348		Pn	11 13 24.3	-1.8
CNPM	China Poot	3.58	348	IAML	Pn	11 13 26.0	
CNPM	comp=E,58nm,0.7s			IAML	Pn	11 13 27.4	
ACHA	Angle Creek He	3.72	308		Pn	11 12 47.3	+1.7
BRSE	Bradley Lake S	3.75	353		Pn	11 12 46.3	+0.2
BRSE	Bradley Lake S	3.75	353		Pn	11 12 46.3	+0.2
HOMR	Homer	3.77	346		Pn	11 12 47.2	+1.0
HOMR	Homer	3.77	346	IAML	Pn	11 13 32.2	
HOMR	comp=E,97nm,0.4s			IAML	Pn	11 13 35.5	
BRKL	Bradley Lake	3.79	352		Pn	11 12 46.6	+0.1
BRKL	Bradley Lake	3.79	352	IAML	Pn	11 13 30.4	
BRKL	comp=N,76nm,0.1s			IAML	Pn	11 13 32.7	
AUI	Augustine Isla	3.84	331		Pn	11 12 48.9	+1.7
AUI	Augustine Isla	3.84	331		Pn	11 13 31.8	-0.6
AUIK	Augustine Jueg	3.85	331		Pn	11 12 49.2	+1.9
Q18K	Katmai Hardscr	3.85	315		Pn	11 12 49.5	+2.1
MID	Middleton Isla	3.88	27		Pn	11 12 48.1	+0.4
MID	Middleton Isla	3.88	27	IAML	Pn	11 13 20.7	
MID	comp=E,58nm,1.2s			IAML	Pn	11 13 30.3	
R17L	Mt. Peulik 1m	3.94	297		Pn	11 12 50.3	+1.6
R17L	Mt. Peulik 1m	3.94	297		Pn	11 13 34.1	-0.8
Q17K	Contact Creek	4.00	307		Pn	11 12 51.5	+2.1
P19K	Oil Pt	4.06	335		Pn	11 12 51.8	+1.4
SEW	Seward	4.09	2		Pn	11 12 50.5	-0.1
PLK1	Peulik 1	4.13	298		Pn	11 12 53.4	+2.2
PLB	Peulik Blue Cr	4.20	296		Pn	11 12 54.8	+1.1
ILS	Iliamna Low So	4.30	338		Pn	11 12 54.8	+1.1
O20K	Slope Mountain	4.33	341		Pn	11 12 54.7	+0.7
PLK5	Peulik 5	4.34	300		Pn	11 12 55.8	+1.8
ILSW	Iliamna Southw	4.34	337		Pn	11 12 55.1	+0.9
ILSW	Iliamna Southw	4.34	337	IAML	Pn	11 13 45.7	
ILSW	comp=N,48nm,0.3s			IAML	Pn	11 13 45.8	
P18K	Big Mountain	4.45	321		Pn	11 12 56.8	+1.2
O22K	Cooper Landing	4.46	0		Pn	11 12 56.8	+1.2
SLKM	Skikak Lake	4.49	357		Pn	11 12 56.4	+0.2
Q16K	King Salmon	4.56	308		Pn	11 12 59.1	+2.0
HIN	Hinchinbrook I	4.71	20		Pn	11 12 59.4	+0.2
HIN	Hinchinbrook I	4.71	20	IAML	Pn	11 14 01.7	
HIN	comp=E,48nm,0.8s			IAML	Pn	11 14 01.0	
RDT	Redoubt	4.75	344		Pn	11 13 00.2	+0.4
ANPB	Aniakchak Plen	4.77	283		Pn	11 13 01.8	+1.8
P17K	Kivchak River	4.77	314		Pn	11 13 01.6	+1.7
O18K	Koktuh Hills	4.79	325		Pn	11 13 00.0	+0.3
O18K	Koktuh Hills	4.79	325	IAML	Pn	11 13 58.0	
O18K	comp=N,55nm,0.8s			IAML	Pn	11 13 58.0	
O19K	Port Alsworth	4.81	332		Pn	11 13 01.9	+1.3
CHGN	Chignik	4.82	277		Pn	11 13 01.9	+1.2
CHGN	Chignik	4.82	277	IAML	Pn	11 13 57.3	
CHGN	comp=N,31nm,0.1s			IAML	Pn	11 13 60.0	
KAIM	Kayak Island	4.84	34		Pn	11 13 01.7	+0.7
KAIM	Kayak Island	4.84	34	IAML	Pn	11 13 57.5	
KAIM	comp=N,47nm,0.7s			IAML	Pn	11 13 59.6	
PWL	Port Wells	4.90	8		Pn	11 13 02.0	+0.2
PWL	Port Wells	4.90	8	IAML	Pn	11 14 03.8	
PWL	comp=E,27nm,0.5s			IAML	Pn	11 14 04.8	
EYAK	Cordova Ski Ar	5.00	24		Pn	11 13 03.8	+0.6
FID	Port Fidalgo	5.04	19		Pn	11 13 03.9	+0.2
FID	Port Fidalgo	5.04	19	IAML	Pn	11 14 06.1	
FID	comp=E,27nm,0.7s			IAML	Pn	11 14 07.7	
FID	comp=N,24nm,0.5s			IAML	Pn	11 14 07.7	
GLI	Glacier Island	5.06	15		Pn	11 13 04.3	+0.3
GLI	Glacier Island	5.06	15	IAML	Pn	11 14 08.1	
RC01	Rabbit Creek A	5.07	0		Pn	11 13 04.0	+1.1
RC01	Rabbit Creek A	5.07	0	IAML	Pn	11 14 07.1	
RC01	comp=E,25nm,0.3s			IAML	Pn	11 14 08.7	
RAGM	Rugged Mountai	5.14	30		Pn	11 13 06.1	+1.0
P16K	Nushagak River	5.34	308		Pn	11 13 09.6	+1.8
P16K	Nushagak River	5.34	308	IAML	Pn	11 14 12.1	
N19K	Bonanza Creek	5.39	335		Pn	11 13 09.6	+1.0
O17K	Koliganek Bris	5.40	317		Pn	11 13 10.3	+1.6
BERG	Berg Lake	5.43	34		Pn	11 13 09.7	+0.6
KNK	Knik Glacier	5.44	7		Pn	11 13 09.5	+0.3
VNF0	Fog Glacier, M	5.45	277		Pn	11 13 10.3	+0.4
SUA	Susitna One	5.47	355		Pn	11 13 09.9	+0.2
DIV	Divide	5.53	21		Pn	11 13 11.3	+0.9
SPNN	North Nagahisa	5.56	345		Pn	11 13 11.7	+0.7
STLK	Strandline Lak	5.58	350		Pn	11 13 12.0	+0.8
PMR	Palmer	5.58	3		Pn	11 13 12.1	+1.0
PMR	Palmer	5.58	3	IAML	Pn	11 13 14.0	+1.4
BMRM	Bremner River	5.65	27		Pn	11 13 13.0	+0.9
N18K	Kilae Creek	5.65	328		Pn	11 13 13.5	+1.4
O16K	Kokwok River B	5.69	312		Pn	11 13 14.1	+1.6
CHNA	Chernabura Isl	5.70	262		Pn	11 13 13.5	+0.7
CNBA	Chernabura Isl	5.71	262		Pn	11 13 13.5	+0.7
GH0	Glory Hole Cre	5.77	4		Pn	11 13 15.4	+1.4
KLU	Klutina	5.83	19		Pn	11 13 15.8	+1.1
SML	Sawmill	5.84	7		Pn	11 13 15.9	+1.2
M23K	Glacier View	5.88	10		Pn	11 13 16.6	+1.5
CRQM	Cirque	5.89	34		Pn	11 13 16.6	+1.0
N17K	Nushagak Hills	5.95	322		Pn	11 13 17.1	+1.1
SCM	Sheep Creek Mo	5.96	11		Pn	11 13 18.1	+1.7
TGL	Tana Glacier	5.99	35		Pn	11 13 17.6	+0.8
SKT	Skwentna	6.03	352		Pn	11 13 18.2	+0.9
SDPT	Sand Point	6.08	268		Pn	11 13 19.2	+1.3
SDPT	Sand Point	6.08	268	IAML	Pn	11 13 19.2	+1.3
YAH	Yaitse	6.08	41		Pn	11 13 18.2	+0.9
M20K	Styx River	6.11	345		Pn	11 13 18.7	+0.2
VRDI	Verde Repeater	6.17	30		Pn	11 13 20.1	+0.7
N25K	Chitina, Valde	6.21	24		Pn	11 13 21.1	+1.4
O15K	Ungalikthuk R	6.24	304		Pn	11 13 22.0	+1.8
GLEB	Gliahina Butte	6.25	27		Pn	11 13 21.4	+1.0
KIAG	Kiagna River	6.26	38		Pn	11 13 21.8	+1.1
SAMH	Samovar Hills	6.30	46		Pn	11 13 22.8	+1.7
M18K	Stony River	6.30	333		Pn	11 13 21.8	+0.8
GRNC	Granite Creek	6.33	39		Pn	11 13 22.3	+0.7
BALM	Baldy	6.35	35		Pn	11 13 22.8	+1.0

MCARA	McCarthy VSAT	6.42	31	Pn	11 13 24.4	+1.7
N16K	Nishik Lake	6.49	317	Pn	11 13 25.3	+1.6
WASC	Wrangell Chich	6.60	23	Pn	11 13 26.7	+1.4
PNL	Peninsula	6.64	52	P	11 13 26.8	+1.1
PNS	Peninsula	6.64	52	Pn	11 13 27.3	+1.6
WATANA	Watana	6.65	8	Pn	11 13 27.1	+1.2
LOGN	Logan Glacier	6.66	40	Pn	11 13 26.6	+0.5
M17K	Holifna River	6.69	327	Pn	11 13 28.2	+1.9
L19K	White Mountain	6.69	339	Pn	11 13 26.5	+0.1
WAZA	Wrangell Mount	6.72	23	Pn	11 13 28.7	+1.0
HARP	HAARP	6.81	19	Pn	11 13 29.8	+1.7
M14K	Susina Watana	6.84	4	Pn	11 13 30.0	+1.7
N15K	Kwethluk River	6.85	311	Pn	11 13 30.7	+2.2
PSAA	Pavlof South-4	6.85 <td>269</td> <td>Pn</td> <td>11 13 30.0</td> <td>+1.4</td>	269	Pn	11 13 30.0	+1.4
DOL	Dolgoi Island	6.90	268	Pn	11 13 30.2 <td>+1.0</td>	+1.0
PNTA	Pavlof North-7	6.92	270	Pn	11 13 31.0 <td>+1.5</td>	+1.5
O20M	Mount Upton	7.42	307	Pn	11 13 31.6 <td>+1.7</td>	+1.7
DTNA	Dutton South F	7.11	268	Pn	11 13 33.5 <td>+1.0</td>	+1.0
DY1	Dutton Round H	7.14	268	Pn	11 13 33.5 <td>+1.0</td>	+1.0
DTI	Denali Highway	7.17	9	Pn	11 13 34.4 <td>+1.4</td>	+1.4
O29M	Mount Kennedy	7.31	50	Pn	11 13 36.8 <td>+1.8</td>	+1.8
M15K	Kasigluk River	7.38	314	Pn	11 13 37.2 <td>+1.4</td>	+1.4
N14K	Kuskokwag Cree	7.42	307	Pn	11 13 38.0 <td>+1.7</td>	+1.7
TRF	Thorofare Moun	7.44	358	Pn	11 13 37.3 <td>+0.5</td>	+0.5
CAST	Castle Rocks	7.50	352	Pn	11 13 39.5 <td>+2.1</td>	+2.1
YUK3	Moose Creek	7.51 <td>36</td> <td>Pn</td> <td>11 13 40.0</td> <td>+2.2</td>	36	Pn	11 13 40.0	+2.2
M27K	Edge Creek, AK	7.53	29	Pn	11 13 39.5 <td>+1.6</td>	+1.6
KTH	Kantishna					

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Ouen Island, Ouen Toro, Mont Dzumac, Afiamalu, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Scott Base, Scott Base, Scott Base, Vanda, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Mount Hamilton, Petropavlovsk, Geyzers, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WAKR Walker, ARTI Arti, NVAR Mina Array Bea, RLMT Red Lodge, PD31 Pinedale Array, etc.

NNC 13 12:58:41.0, 2.1, 49.967N, 78.59E, h0km, mb2.8, mpv2.3, Error ellipse: s-maj=49.3km s-min=7.8km az=76.0, Suspected Mining explosion.

IDC 13 12:58:42.4, 1.4, 50.02N, 78.75E, h0km, mbmp2.4/2, ML1.9/2, Error ellipse: s-maj=11.6km s-min=9.9km az=34.0

ISC 13 12:58:37.9-4.0, 49.97N, 0.05:77.9E, 0.3, h0km, n8, 0e84/11, 8C-1D, Eastern Kazakhstan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KURBB Kurchatov Arra, KURK Kurchatov, MAKZ Makanchi, MK31 Makanchi Array, etc.

NIED 13 13:26:45.7, 33.43N, 140.82E, h52km, MW4.1, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; Mn:1.00, Mns:0.95, Mns:1.95, Me:0.42, Mns:1.0, Mns:0.18; Fault plane solution: Ms1.69000x10^15 NP1: 0e322.00000, 856.00000, 35.00000. NP2: 0e211.00000, 862.00000, 141.00000.

JMA 13 13:26:45.7, 0.1, 33.43N, 0.3:140.8E, 0.3, h52km, 1km, MD4.3/38, MV4.6/38, E OFF HACHIJIMA ISLAND

IDC 13 13:26:47.3, 1.4, 33.31N, 140.67E, h4km, 11km, mb3.7/2.1, mbmp2.0/2.5, MS3.3/1.1, Error ellipse: s-maj=21.5km s-min=9.7km az=7.0

NEIC 13 13:26:47.8, 1.4, 33.32N, 0.07:140.68E, 0.1, h64km, 7km, mb4.3/12, Error ellipse: s-maj=12.4km s-min=9.9km az=121.0

ISC 13 13:26:44.7, 1.6, 33.39N, 0.06:140.90E, 0.08, h43km, 13km, n81, r141/79, mb4.1/25, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JHJ2 Mitsune, NVAR Mina Array Bea, PDAR Pinedale Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JHU Hachijo Jimata, JHJC Hachijo Jimata, JMKN Michikurajimata, etc.

ISC 13 13:42:26.5, 0.6, 48.96N, 0.02:142.15E, 0.03, h12km, 3km, n801, r192/603, mb4.9/414, MS4.2/88, 37C-29D, Sakhalin Island

ISC 13 13:42:27.4, 0.2, 48.93N, 0.03:142.08E, 0.03, h14km, 1km, MV4.8/79, Moment Tensor Solution. s3, c13; s79, c125; Duration: 0 Moment tensor: Scale 10^16Nm; Mr:1.32e+15; Mw:0.21e+09, Mw:1.53e+10, Mw:0.65e+22, Mw:0.99e+05; Mn:0.06e+17; Best double couple: Ms1.83800x10^16 NP1: 0e300000, 847.00000, 132.00000. NP2: 0e130.00000, 857.00000, 155.00000. Principal axes: T 1.6640, Plg6.0000, Azm345.0000; N 0.3500, Plg29.0000, Azm151.0000; P -2.0110, Plg6.0000. Azm244.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 13 13:42:26.5, 0.6, 48.96N, 0.02:142.15E, 0.03, h12km, 3km, n801, r192/603, mb4.9/414, MS4.2/88, 37C-29D, Sakhalin Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UGL Uglegorsk, KSRK Korea Arr, KLR Kul'dur, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GERES GERESS Array B, TXAR Lajitas Array, IDC 13 13:42:24.6, 0.4, 49.02N, 142.08E, h0km, mb4.5/27, etc.

IDC 13 13:42:24.6, 0.4, 49.02N, 142.08E, h0km, mb4.5/27, s-maj=8.9km s-min=7.5km az=139.0, Error ellipse: s-maj=8.9km s-min=7.5km az=139.0

SKHL 13 13:42:24.1, 0.5, 49.00N, 142.30E, h10km, 1km, mb6.3/1, Ms4.9/2, msh4.9/2

SKHL Felt (V) at Uglegorsk, Krasnopole, Porech'e, (IV-V) at Ol'khovka, (IV) Shakh'yorsk, Medvesh'e, MOS 13 13:42:24.5, 0.9, 48.94N, 142.10E, h9km, mb5.1/62, MS4.3/19, Error ellipse: s-maj=6.2km s-min=3.8km az=104.8

MOS Felt (IV-V) at Krasnopole, Nikol'skoye, Uglegorsk; (V) at Porech'y; (IV-V) at Ol'khovka; (IV) at Medvesh'e; BJI 13 13:42:24.8, 49.00N, 142.10E, h10km, mb5.0/19, mb4.6/59, Ms5.2/59, Ms7.5/5, NEIC 13 13:42:26.4, 1.1, 48.93N, 0.04:142.09E, 0.09, h10km, 1km, mb5.0/474, Error ellipse: s-maj=10.5km s-min=6.9km az=292.0

GFZ 13 13:42:26.8, 0.1, 49.1N, 3x14.2E, h10km, M5.1/92, mb4.8/92, confirmed

GCMT 13 13:42:27.4, 0.2, 48.93N, 0.03:142.08E, 0.03, h14km, 1km, MV4.8/79, Moment Tensor Solution. s3, c13; s79, c125; Duration: 0 Moment tensor: Scale 10^16Nm; Mr:1.32e+15; Mw:0.21e+09, Mw:1.53e+10, Mw:0.65e+22, Mw:0.99e+05; Mn:0.06e+17; Best double couple: Ms1.83800x10^16 NP1: 0e300000, 847.00000, 132.00000. NP2: 0e130.00000, 857.00000, 155.00000. Principal axes: T 1.6640, Plg6.0000, Azm345.0000; N 0.3500, Plg29.0000, Azm151.0000; P -2.0110, Plg6.0000. Azm244.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 13 13:42:26.5, 0.6, 48.96N, 0.02:142.15E, 0.03, h12km, 3km, n801, r192/603, mb4.9/414, MS4.2/88, 37C-29D, Sakhalin Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UGL Uglegorsk, KSRK Korea Arr, KLR Kul'dur, etc.

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, SN, S/N, etc.). Includes stations like Khabarovsk, Asahikawa, Kuril'sk, etc.

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like Seymchan, Korea Array, Hachijo jima 2, Dalian, etc.

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like Kungtung, Lanzhou, Kungtung, etc.

Table with columns: Station, Frequency, Mode, Power, and other details. Includes stations like LNOR, G08A, AKZT, etc.

Table with columns: Station, Frequency, Mode, Power, and other details. Includes stations like PAHR, PNTR, YHL, etc.

Table with columns: Station, Frequency, Mode, Power, and other details. Includes stations like MORC, MLR, RDMU, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like HERR Herculane, PV16 Nyswonger Mesa, SOP Sopron, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ANMO Albuquerque, ALQ Albuquerque, RAYN Ar Rayn, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like UCM Universidad Co, POLO POLO, PVRL Vila Real, etc.

BUI 13 14:08:59.4, 48:91N-142:25E, h8km, mB4.9/10, mB4.4/35, Ms4.8/33, Ms7.4/32, SKHL 13 14:09:00.6, 02:48:90N:142:20E, h10km, 2km, mB5.1/13, Ms4.7/11, msh4.7/11, SKHL Felt (V) at Ulgorsk, MOS 13 14:09:00.2, 0.8, 48:90N:142:13E, h8km, mb4.6/32, MS3.8/20, Error ellipse: s-maj=7.8km s-min=4.4km az=101.8, MOS Felt (V) at Ulgorsk, IDC 13 14:09:00.3, 0.5, 48:95N:142:13E, h0km, mb4.0/21, mtm3.9/29, ML3.7, MS3.8/47, Error ellipse: s-maj=10.4km s-min=9.1km az=149.0, NEIC 13 14:09:02.0, 0.9, 48:90N:106:142E, 0:1, h10km, 1km, mb4.6/137, Error ellipse: s-maj=11.5km s-min=10.3km az=61.0, GFZ 13 14:09:02.0, 0.2, 49:14N x 142E, h10km, M4.5/22, mB4.5/22, ISC 13 14:09:01.7, 0.9, 48:93N:102:142E, 0:03, h5km, 5km, n357, s1913/315, mb4.5/136, MS3.9/58, 20C-4D, Sakhalin Island

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res, and other technical details. Includes stations like UGL Ulgorsk, UGL Ulgorsk, UGL Ulgorsk, etc.

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Table with columns: Code, Name, Az, El, AzM, ElM, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN. Includes entries like Los Peladeros, Cerro Villucun, Zonda, Tinogasta, Coronel Fontan, San Esteban, etc.

2020 SEP

Table with columns: Code, Name, Az, El, AzM, ElM, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN. Includes entries like KSH2 Kashi, MKAR Makanchi Array, MKAR Hu-ho-hao-te, etc.

13d 15h

Table with columns: Code, Name, Az, El, AzM, ElM, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN. Includes entries like Chulitna, Suisuna One, Skiak Lake, Log Cabin Wild, etc.

13d 15h

Table with columns: Station ID, Name, Frequency, Band, Mode, SNR, and other technical details. Includes stations like YUK6, PS07, N19K, etc.

2020 SEP

Table with columns: Station ID, Name, Frequency, Band, Mode, SNR, and other technical details. Includes stations like F17K, B12D, C21K, etc.

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Table with columns: Station ID, Name, Frequency, Band, Mode, SNR, and other technical details. Includes stations like GTA2, LZH, AB31, etc.

DC 13 15:10:43.5, 1.2, 15:78N:96:36E, h0km, mb3.6/6, mbmp3.6/7, ML4.0/1, MS3.3/8, Error ellipse: s-maj=22.3km s-min=16.6km az=112.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other details. Includes stations like KHLT, UMPA, CMAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ABKAR Akbulak array, STKA Stephens Creek, CHIR Chirikof Island, etc.

ATH 13 16:09:34.0, 6.36; 54N:22.68E, h6km, 1km, ML3.5/5.3, Latitude uncertainty: 0 km; Longitude uncertainty: 1 km

IDC 13 16:09:37.1, 5.36; 47N:22.81E, h40km, 15km, mb3.5/9, mbtmp3.6/16, ML2.1/4, MS3.5/2, Error ellipse: s-maj=19.4km s-min=11.4km az=22.0

ISC 13 16:09:34.2, 0.9, 36.57N:0.02, 22.66E:0.02, h15km, 6km, n130, 190/170, 0.3, 63/89, Southern Greece

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations like VLI Veliaj, MNVA Monemvasia, NPSI Neapolis Lacon, etc.

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations like ATHP Athens-Neo Psi, VAM Vamos, VIL2 Platees, etc.

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations like UGL Ulgorski, YSS Yuzhno-Sakhalii, YSS Yermochan, etc.

IDC 13 16:16:38.6, 0.6, 6.49N:60.41E, h0km, mb4.0/18, mbtmp3.9/19, ML2.3/1, MS4.0/32, Error ellipse: s-maj=18.5km s-min=14.9km az=19.0

NEIC 13 16:16:41.1, 1.4, 6.41N:0.10, 60.29E:0.09, h10km, 1km, mb4.6/39, Error ellipse: s-maj=16.8km s-min=14.1km az=32.0

GFZ 13 16:16:41.2, 6.33N:60.34E, h16km, Mw4.8/18, Moment Tensor Solution - Moment tensor: Scale 10^16Nm

Mu=1.93; Mnu=0.80; Mww=1.14; Mnn=0.19; Mnr=0.36; Fault plane solution: M2.04567x10^16 NP1: phi=150.73377; lambda=29350; A=-74.46073; NP2: phi=308.05170; lambda=400545; A=-106.73153

Principal axes: T 2.0757, Plg2.18666, Azm229.8060; N -0.0614, Plg11.5371, Azm320.2526; P -2.0143, Plg78.2519, Azm129.2266

GFZ 13 16:16:41.2, 0.3, 6.17N:5.60E, h10km, M4.5/23, mb4.6/23, Error ellipse: s-maj=10.8km s-min=7.1km az=155.9, confirmed

GCMT 13 16:16:43.1, 0.3, 6.47N:0.02, 60.34E:0.02, h12km, Mw4.8/22, Moment Tensor Solution - Moment tensor: Scale 10^16Nm

Mu=0.82; Mnu=0.80; Mww=1.14; Mnn=0.19; Mnr=0.36; Dilation: 0; Moment tensor: Scale 10^16Nm; Mrr=1.39; 0.17; Mrr=0.33; 0.06; Mrr=1.06; 0.06; Mrr=1.41; 0.05; Mrr=0.22; 0.23; Best double couple: M1.89800x10^16

NP1: phi=162.00000; lambda=839.00000; A=-61.00000; NP2: phi=308.00000; lambda=856.00000; A=-112.00000; Principal axes: T 2.2360, Plg9.00000, Azm51.00000; N -0.6770, Plg18.00000, Azm319.00000; P -1.5600, Plg70.00000, Azm167.00000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular

moment-rate function ISC 13 16:16:40.1, 0.4, 6.41N:0.05, 60.28E:0.06, h10km, n165, n177/152, mb4.5/53, MS3.9/37, 1C, Carlsberg Ridge

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations like MSEY Mahe Island, MHTO MHTO, MHTO MHTO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Malin Array Be, Malin Array Si, Malin Array Si, etc.

IDC 13 16:57:16.8,3.1,2.1S:67.82E,h0km,mb3.6/6, mbmp3.6/6, Error ellipse: s-maj=86.1km s-min=38.4km

ISC 13 16:57:18.9,3.2,3.1S:0.678E:0.3,h11km,n13,e1047, mb3.6/6, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Diego Garcia H, Chiang Mai Arr, CROZET ISLANDS, etc.

IDC 13 16:59:48.5,1.8,2.9S:67.94E,h0km,mb3.8/8, mbmp3.8/8,MS3.8/7, Error ellipse: s-maj=49.7km s-min=32.1km az=35.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Mamuju, Palu, Majene, Sidrap Palu, Balikpapan, etc.

IDC 13 17:00:01.2,1.8,2.1S:119.33E,h45km,17km,mb4.3/22, mbmp4.6/24,ML4.1/2,MS3.9/21 Error ellipse: s-maj=23.5km s-min=9.6km az=75.0

ISC 13 17:00:00.8,0.3,2.9S:0.04:119.28E:0.05,h45km,n246, e124/223,mb4.98E,MS4.0/21,IC-1D,Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Mamuju, Palu, Majene, Sidrap Palu, Balikpapan, etc.

IDC 13 16:59:50.1,1.2,2.9S:0.2:67.9E:0.2,h11km,n30, e112/17,mb4.0/10,MS3.8/6, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FITZ, FITZ, FITZ, FITZ, etc.

IDC 13 16:59:50.1,1.2,2.9S:0.2:67.9E:0.2,h11km,n30, e112/17,mb4.0/10,MS3.8/6, Carlsberg Ridge

IDC 13 16:59:50.1,1.2,2.9S:0.2:67.9E:0.2,h11km,n30, e112/17,mb4.0/10,MS3.8/6, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Diego Garcia H, Chiang Mai Arr, CROZET ISLANDS, etc.

IDC 13 16:59:50.1,1.2,2.9S:0.2:67.9E:0.2,h11km,n30, e112/17,mb4.0/10,MS3.8/6, Carlsberg Ridge

Table with columns: Station Name, Time, Res, ISC, H, M, S, I, S, C. Includes stations like HHC, SNY, GTA2, etc.

Table with columns: Station Name, Time, Res, ISC, H, M, S, I, S, C. Includes stations like L20K, IMAR, AKASO, etc.

Table with columns: Station Name, Time, Res, ISC, H, M, S, I, S, C. Includes stations like E0S4, FUSB, ENA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CNSH ChangSha, ENH Enshi, TWG Pinlang, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KDU Kakadu, KBL Kabul, KSH Kashi, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KRSR, UOSS Minazif, HATD Hatta, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Alice Springs, ASAR, Kununurra, Fitzroy Crossi, etc.

TAP 13 19:16:53.6, 24:45N, 121:31E, h10km, ML2.5, C, Taiwan

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Wuta, Su ao, Nanau, Aohua, Dongs, etc.

Table with columns: CLNS, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Wuta, Su ao, Nanau, Aohua, Dongs, etc.

13 19:53:55.5, 1.4, 55:28N, 161:33W, h0km, mb3.8/14, mbmp3.7/17, ML3.2/3, Error ellipse: s-maj=35.5km s-min=14.7km az=167.0

13 19:53:55.2, 1.9, 54:47N, 160:03, h0km, mb3.8/14, mbmp3.7/17, ML3.2/3, Error ellipse: s-maj=35.5km s-min=14.7km az=167.0

13 19:53:55.2, 1.9, 54:47N, 160:03, h0km, mb3.8/14, mbmp3.7/17, ML3.2/3, Error ellipse: s-maj=35.5km s-min=14.7km az=167.0

13 19:53:55.2, 1.9, 54:47N, 160:03, h0km, mb3.8/14, mbmp3.7/17, ML3.2/3, Error ellipse: s-maj=35.5km s-min=14.7km az=167.0

13 19:53:55.2, 1.9, 54:47N, 160:03, h0km, mb3.8/14, mbmp3.7/17, ML3.2/3, Error ellipse: s-maj=35.5km s-min=14.7km az=167.0

13 19:53:55.2, 1.9, 54:47N, 160:03, h0km, mb3.8/14, mbmp3.7/17, ML3.2/3, Error ellipse: s-maj=35.5km s-min=14.7km az=167.0

Table with columns for station name, frequency, power, and other technical details. Includes stations like Suanglung, Yeheng, Fitzroy Crossi, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LZH, STKA, ARMA, ASAJ, LSA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ZALV, ARSB, DRK, KBL, KURBB, etc.

Table with columns: DZM, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Mont Dzumac, Port Laguerre, Ouenic, etc.

WEL 13 21:44:19.9,0.6,33.5,5.17,8W,1.2,h12km,M4,8/19, mB5.3/13,ML4.8/24,MLV4.9/19,Mw(mB)4.7/13, Error ellipse: s-maj=16.2km s-min=3.0km az=110.2, confirmed IDC 13 21:44:20.7, 1.0, 32.78S, 179.00W, h0km, mb3.9/3, mbtmp4.2/5, ML4.6/2, MS2.7/1, Error ellipse: s-maj=34.6km s-min=16.3km az=112.0, NEIC 13 21:44:25.5, 1.8, 32.721S, 178.8W, 0.1, h35km, 2km, mb4.5/13, Error ellipse: s-maj=21.5km s-min=4.9km az=106.0

ISC 13 21:44:21.6, 0.8, 32.93S, 0.06, 178.2W, 0.1, h34km, n66, s168/77, mb4.2/8, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Green Lake, Raoul Island, Matakaoa Point, etc.

Table with columns: RAHZ, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Maungataniwha, Omahuta, Naumai, etc.

Table with columns: FITZ, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Fitzroy Crossi, Casey, South Pole Qui, etc.

DJA 13 22:16:31.8, 0.8, 7.1N, 8.12E, h154km, 7km, M4.6/12, mb4.7/12, mB5.1/12, MLV4.9/9, Mw(mB)4.5/12 MAN 13 22:16:37.0, 6.65N, 126.47E, h42km, MS3.8, IDC 13 22:16:39.2, 3.7, 6.71N, 126.46E, h62km, 31km, mb3.8/11, mbtmp4.1/11, MS2.7/3, Error ellipse: s-maj=70.0km s-min=13.0km az=65.0, NEIC 13 22:16:40.3, 1.4, 6.68N, 0.09, 126.2E, 0.1, h66km, 8km, mb4.4/19, Error ellipse: s-maj=18.1km s-min=9.3km az=56.5

ISC 13 22:16:39.3, 0.9, 6.66N, 0.04, 126.36E, 0.06, h62km, g8km, n65, s137/76, mb4.2/9, Mindanao

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Don Marcelino, Davao City, Davao City (W), etc.

Table with columns: WRA, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Warramunga Arr, Marble Bar, Alice Springs, etc.

NOU 13 22:21:16.9, 43.58S, 171.34E, h9km, MLV3.5/10, South Island, New Zealand WEL 13 22:21:17.1, 0.3, 43.52S, 171.1E, h5km, M3.3/13, ML3.2/13, MLV3.3/13, Error ellipse: s-maj=2.9km s-min=2.4km az=90.1, confirmed IDC 13 22:21:17.5, 0.9, 43.52S, 0.02, 171.18E, 0.02, h17km, 6gkm, n44, c081/57, South Island

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Rata Peaks, Mount Somers S, Mount Hutt, etc.

2020 SEP

14d 2h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

MAN 14 02:18:28.0, 9:38N; 127:28E, h5km, MS3.9
IDC 14 02:18:31.4, 0.8, 9.15N; 126:56E, h0km, mb4.0/13,
mtmp4.0/14, ML4.2/11, MS3.0/4, Error ellipse:
s-maj=31.4km s-min=13.2km az=89.0

NEIC 14 02:18:34.2, 2.2, 9.23N; 0.09, 126:56E, 0.2, h13km, 5km,
mb4.5/23, Error ellipse: s-maj=28.4km s-min=13.1km
az=93.0

ISC 14 02:18:34.6, 1.0, 9.18N; 0.03, 126:71E, 0.07, h22km, 8km,
n64, e201172, mb4.3/26, Mindaano

NIED 14 02:22:34.4, 23:98N; 122:37E, h27km, MW3.8, Moment
Tensor Solution: s2 Moment Tensor: Scale 10^14Nm;
Mn: 0.0; Mn0: 0.4; Mo: 2.45; Md: 3.4; Mb: 1.24; Mb: 0.44;
Fault plane solution: Mo: 8.490000e+14 NP1: 1.000000e,
delta: 0.000000e, lambda: 156.000000e. NP2: 0.11300000e, delta: 79.000000e,
lambda: 164.000000e.

JMA 14 02:22:34.4, 0.1, 24:0N; 0.9, 122:4E; 0.3, h27km, 3km,
MV3.7/16, Taiwan REGION

TAP 14 02:22:35.1, 24:08N; 122:36E, h31km, ML3.9, C
ISC 14 02:22:34.8, 0.9, 24:00N; 0.02, 122:37E; 0.02, h33km, 6km,
n153, e080/237, 4D, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Jichi Village, Xiulin Townshi, Dongshan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Liugui, Hsinying, Nanshi, etc.

14d 02:22:35.1s 1.3, 4.5:52N, 28.39W, h0km, mb3.8/6, mtbpm3.77, ML3.5/1, MS3.3/26, Error ellipse: s-maj=39.3km s-min=29.0km az=11.0

ISC 14 02:22:36.6:1.2, 45.5N, 0.3, 28.4W, 0.2, h10km, n37, o=63.9, mb3.8/5, MS3.3/24, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Sonseca Array, Borgnes, Middelt, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H04S2 CROZET ISLANDS, H04S1 CROZET ISLANDS, GRHM Grahamstown, etc.

Table with columns: BRTR, LR, 03 27 07.4, comp=Z,3.30nm,21.7s,baz=200,slow=35,SNR=1.2, etc. Includes stations like Keskin Array B, Midelt Tower, GNI Garni, etc.

Table with columns: H10N1, T, T, 03 46 29.9, comp=Z,5.8nm,0.7s, H10N1 ASCENSION HYDR48.95, etc. Includes stations like Braeburn, Yuko, Alshikh Lake, etc.

Table with columns: LZH, P, P, 02 55 03.3 -0.4, comp=Z,1.5nm,0.3s,baz=132,slow=12,SNR=1.7, etc. Includes stations like Lanzhou, LZH, LZH, etc.

JMA 14 02:42:08.6:0.4,3°N,1°13'E, h276km, MV3.2/21, EASTERN SEA OF JAPAN

14 02:42:10.6:7.3,43°46'N,137°49'E, h270km,29km, mb3.1/6, mbtmp3.77, Error ellipse: s-maj=190.5km s-min=29.3km az=168.0

ISC 14 02:42:07.8:0.9,42°31'N,109°138'E,0.08, h299km, n21, +133Z/23, mb3.3/6, Eastern Sea of Japan

Table with columns: Code, Station Name, A, AZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like HJST Hiyamasetana, JSH Shimam, JSK Shakotan, etc.

MAN 14 02:47:36.0:3.18N,126°71'E, h12km, MS4.3

14 02:47:42.2:0.6,4.14N,126°09'E, h0km, mb4.2/20, mbtmp4.2/21, ML3.0/1, MS3.5/10, Error ellipse: s-maj=33.6km s-min=11.7km az=73.0

NEIC 14 02:47:44.6:1.4,4.27N,106°126'78E:0.10, h10km,1km, mb4.6/31, Error ellipse: s-maj=16.9km s-min=9.4km az=75.0

DJA 14 02:47:48.2:0.5,4°N,4°12'E, h10km, M4.7/12, mb5.5/5, mb4.7/7, MLV4.6/12, Mw(MB)4.9/5

ISC 14 02:47:44.2:0.4,2.7N,103°126'86E:0.07, h10km, n102, +191Z/100, mb4.5/40, MS3.7/12, 1C, Talau Islands

Table with columns: Code, Station Name, A, AZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like DDMP Don Marcelino, DAV Davao City (W), DAV Davao City (N), etc.

ARM A Armidale 41.84 147 P P 02 55 34.6 -0.1

14 02:47:42.2:0.6,4.14N,126°09'E, h0km, mb4.2/20, mbtmp4.2/21, ML3.0/1, MS3.5/10, Error ellipse: s-maj=33.6km s-min=11.7km az=73.0

NEIC 14 02:47:44.6:1.4,4.27N,106°126'78E:0.10, h10km,1km, mb4.6/31, Error ellipse: s-maj=16.9km s-min=9.4km az=75.0

DJA 14 02:47:48.2:0.5,4°N,4°12'E, h10km, M4.7/12, mb5.5/5, mb4.7/7, MLV4.6/12, Mw(MB)4.9/5

ISC 14 02:47:44.2:0.4,2.7N,103°126'86E:0.07, h10km, n102, +191Z/100, mb4.5/40, MS3.7/12, 1C, Talau Islands

Table with columns: Code, Station Name, A, AZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like PETK Petropavlovsk, PETK Petropavlovsk, PDGK Podgornoye, etc.

IDC 14 02:45:01.7:0.9,55°77'S,26°66'W, h0km, mb4.1/6, mbtmp4.1/6, Error ellipse: s-maj=38.4km s-min=20.9km az=66.0

NEIC 14 02:45:07.8:1.7,55°9S:0°2'27.0W:0.2, h35km,2km, mb4.7/17, Error ellipse: s-maj=28.0km s-min=15.3km az=23.0

ISC 14 02:45:10.0:0.7,55°9S:0°1'27.1W:0.1, h63km, n42, +091Z/37, mb4.5/12, South Sandwich Islands region

Table with columns: Code, Station Name, A, AZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like HOPE Hope Point, BELA Belgrano 2, GO08 Villa O'Higgin, etc.

FITZ Fitzroy Crossi 22.26 183 P P 02 52 39.2 -2.3

14 02:45:01.7:0.9,55°77'S,26°66'W, h0km, mb4.1/6, mbtmp4.1/6, Error ellipse: s-maj=38.4km s-min=20.9km az=66.0

ISC 14 02:45:10.0:0.7,55°9S:0°1'27.1W:0.1, h63km, n42, +091Z/37, mb4.5/12, South Sandwich Islands region

Table with columns: Code, Station Name, A, AZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like FITZ Fitzroy Crossi, WBO Warramunga Arr, WBO Warramunga Arr, etc.

INDIA 14 02:52:04.4:1.7,60°60'N,44°05'W, h9km,7km, ML3.0, Presumed earthquake

OTT 14 02:52:08.2:0.5,61°00'N,44°37'W, h18km, ML4.1/3, Southern Greenland, 1071km northeast from Nutak, NI

ISC 14 02:52:04.4:1.7,60°60'N,44°05'W, h9km,7km, ML3.0, +63Z/22, Western Kalaallit Nunaat

Table with columns: Code, Station Name, A, AZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like NRS Narsarsuaq, NRS Narsarsuaq, NRS Narsarsuaq, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BOACO BROADBAN, El Ranchito, Al SSO del Vol, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ZALESOVO INFRA, Zalesovo Beam, Kurchatov Arr, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Denpasar, Kahang-Kahang, Taliwang, Singaraja, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Ala-Archa, Asem Bagus, Plampang, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Karatay Array, Makanchi Array, Kurchatov Arr, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Nsakai, Matsushiro, Ashikaga, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Pallekele, Aza-Archa, Zalesovo Beam, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Niukaw, Nsakai, Takato, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Ecuador-Atacam, Ecuador-Tonsup, Acelerografo, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Imbabura, Mariscal Sucre, SRAM, etc.

NEIC 14 06:29:01.4.1.6, 16.59N, 0.06.94, 85W, 0.04, h96km, 7km, mb4.0/23, Md4.4/38(MEX), Error ellipse: s-maj=8.8km s-min=6.1km az=172.0

MEX 14 06:29:01.5.0.6, 16.59N, 94.88W, h104km, 6km, MD4.4, Presumed earthquake

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Matias Romero, UXUV, Arroyo Zacate, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Oaxaca, Oaxaca, Oaxaca, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Huehuetenango, Huehuetenango, Huehuetenango, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Franklin, Franklin, Franklin, etc.

KRSK 14 06:33:55.2.0.49, 10N, 156.72E, h7km, 31km, M4.4, SKHL 14 06:33:55.0.0.7, 48.90N, 155.70E, h53km, 7km, mb4.8/4

MOS 14 06:33:56.4.1.0, 49.02N, 155.62E, h70km, mb4.4/5, Error ellipse: s-maj=13.7km s-min=4.1km az=75.0

NEIC 14 06:33:58.9.1.5, 49.08N, 107.155.3E, 7.0, h73km, 10km, mb4.3/9, Error ellipse: s-maj=20.9km s-min=6.8km

IDC 14 06:34:00.3.2.2, 49.06N, 155.33E, h8km, 20km, mb3.6/13, mbtmp3.6/5, MS3.1/3, Error ellipse: s-maj=20.3km s-min=11.2km az=140.0

IDC 14 06:35:56.4.1.0, 48.96N, 155.66E, h56km, 9km, n143, 1.1951/141, mb4.0/21, MS3.4/10, 4C-2D, Kuril Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Severo-Kuril's, Severo-Kuril's, Severo-Kuril's, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC, Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Severo-Kuril's, Pauzhetka, Khodutka, Kamc, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC, Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WAKE ISLAND, Indian Mountain, Sonm, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC, Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Abkar, Boshof, Zalesovo Array, etc.

PCA	comp=Z,7.0nm,0.8s	30.77	57	P	P	07 49 30.8 +1.0
I30M	Pinnac	31.16	46	Iamb	Iamb	07 49 32.9 -0.3
I30M	Mount Dempster					07 49 34.5
HYT	comp=Z,5.1nm,0.8s	31.83	55	P	P	07 49 40.3 +1.1
HYT	Haines Junction					07 49 41.9
WHY	comp=Z,9.3nm,0.9s	33.10	54	P	P	07 49 51.7 +1.5
SOMM	Whitehorse	33.87	280	P	P	07 49 55.7 -1.3
SOMM	Songino Array					07 52 31.9 +0.2
SOMM	comp=Z,0.4nm,0.4s,baz=64,slow=1.6,SNR=11	33.87	280	P	P	07 49 55.9 -1.1
SOMM	Songino Array					07 52 32.1
SOMM	comp=Z,3.0nm,1.4s	33.87	280	P	P	07 49 55.9 -1.1
SOMM	Songino Array					07 52 32.1 +0.4
SOMM	MMPY	34.05	50	Iamb	Iamb	07 49 59.8 +1.5
SOMM	MMPY					07 50 00.8
P33M	comp=Z,4.3nm,0.8s	34.22	54	P	P	07 50 00.6 +0.8
P33M	Teslin, Yukon					07 50 02.2
HHC	comp=Z,6.1nm,1.1s	35.21	266	eP	P	07 50 08.0 -0.5
HHC	Hu-ho-hao-te					
HHC	comp=Z,12nm,0.5s					
HHC						
JOW	comp=Z,7.5nm,4.6s	37.13	233	P	P	07 50 25.4 +0.6
JOW	Kunigami	37.13	233	P	P	07 50 25.1 +0.2
JOW	Kunigami					
DIB	comp=Z,2.5nm,1.2s	37.55	65	P	P	07 50 29.5 +1.4
DIB	Dawson Inlet,					07 50 55.1
BBB	comp=Z,12nm,1.3s	40.34	64	P	P	07 50 52.3 +1.1
BBB	Bella Bella					07 51 32.6
YKAW3	comp=Z,9.2nm,1.4s	41.04	45	P	P	07 50 56.8 0.0
YKAW3	Yellowknife Wh	41.08	45	P	P	07 50 57.8 +0.6
YKA	comp=Z,4.1nm,0.6s,baz=302,slow=8.0,SNR=8.7	41.08	45	P	P	07 51 33.4 +0.7
YKA	Yellowknife Ar					
YKAW1	comp=Z,3.8nm,0.7s,baz=302,slow=8.1,SNR=6.9	41.08	45	P	P	07 50 56.4 -0.8
YKAW1	Yellowknife Wh	41.13	45	Iamb	Iamb	07 50 56.9 +0.7
YKAW1	Yellowknife Wh					07 51 30.7
HOLB	comp=Z,9.2nm,1.0s	41.21	66	P	P	07 50 59.5 +1.1
YOJ	Holberg	41.61	237	P	P	07 51 01.5 -0.4
YOJ	Yonaguni jima					
ZAA0	comp=Z,132nm,1.3s	41.61	237	P	P	07 51 01.5 -0.4
ZAA0	Yonaguni jima	41.90	301	P	P	07 51 02.5 -1.4
ZAA0	Zalesovo Array					07 52 56.1 -0.1
ZALV	comp=Z,1.5nm,0.6s,baz=51,slow=6.9,SNR=6.9	41.90	301	P	P	07 51 02.5 -1.5
ZALV	Zalesovo Be					07 52 56.1 -0.1
DGZ	comp=Z,1.6nm,0.5s,baz=29,slow=3.4,SNR=6.0	43.06	294	iP	P	07 51 12.8 -0.7
DGZ	Jazzator, Alta					
CLRS	comp=Z,3.0nm,1.1s	44.38	66	P	P	07 51 23.8 0.0
LLBL	Cowichan Lake	44.43	63	P	P	07 51 25.2 +0.9
LLBL	Lillooet					07 51 27.0
SPITS	comp=Z,6.8nm,0.8s	44.81	350	P	P	07 51 26.8 -0.2
SPITS	Spitsbergen Ar					
SPB2	comp=Z,1.1nm,0.8s,baz=66,slow=8.3,SNR=6.3	44.82	350	P	P	07 51 27.5 +0.5
PGC	Spitsbergen Ar	44.84	66	P	P	07 51 28.8 +1.3
A04D	Sidney	45.18	65	P	P	07 51 31.1 +1.0
A04D	Lummi Island					07 51 32.8
B04A	comp=Z,8.4nm,0.8s	45.18	66	P	P	07 51 31.4 +1.1
NLWA	Port Angeles	45.41	67	P	P	07 51 32.0 -0.1
WISH	Neilton Lookou	45.64	68	P	P	07 51 34.6 +0.8
WISH	Wishkah					07 51 36.9
KIP	comp=Z,7.8nm,0.9s	45.73	121	P	P	07 51 35.8 +1.0
KIP	Kipapa					
KIP	comp=Z,5.1nm,1.3s	45.73	121	P	P	07 51 35.8 +1.0
KIP	Kipapa	45.85	66	P	P	07 51 35.9 +0.1
E03A	Green Mountain	46.12	68	P	P	07 51 37.8 +0.2
E03A	Lebam					07 51 40.2
F03A	comp=Z,1.1nm,1.0s	46.52	69	P	P	07 51 41.3 +0.6
F03A	Seaside					07 51 42.9
KURK	comp=Z,8.2nm,0.8s	46.88	300	iP	P	07 51 42.2 -1.2
KURK	Kurchatov					
KURK	comp=Z,14nm,0.8s	46.88	300	P	P	07 51 42.5 -1.0
KURK	Kurchatov					07 51 43.3
KURK	comp=Z,10nm,0.7s	46.88	300	P	P	07 51 42.5 -1.0
KURK	Kurchatov					
EDM	comp=Z,1.9nm,1.4s	46.96	55	P	P	07 51 45.2 +1.1
EDM	Edmonton					
EDM	comp=Z,1.3nm,0.6s	46.96	55	P	P	07 51 45.1 +1.1
EDM	Edmonton	46.98	300	P	P	07 51 43.1 -1.1
KURBB	Kurchatov Arra					
KURBB	comp=Z,5.9nm,0.5s,baz=56,slow=8.0,SNR=5.3	46.98	300	P	P	07 56 53.4 +1.6
KURBB	Kurchatov Arra					
B08A	comp=Z,0.3nm,0.3s,baz=48,slow=23,SNR=5.6	47.14	64	P	P	07 51 46.8 +1.2
B08A	Colville Reser					07 51 47.5
COR	comp=Z,5.8nm,0.8s	47.54	70	P	P	07 51 50.4 +1.8
COR	Corvallis	47.54	70	P	P	07 51 50.4 +1.8
MK31	comp=Z,8.2nm,0.7s	47.56	294	iP	P	07 51 47.2 -1.6
MKAR	Makanchi Array	47.56	294	P	P	07 51 47.4 -1.4
MKAR	Makanchi Array					07 53 16.0 0.0
MKAR	comp=Z,2.0nm,0.7s,baz=58,slow=7.5,SNR=19					
MKAR	Makanchi Array					
MKAR	comp=Z,1.1nm,0.7s,baz=57,slow=5.4,SNR=4.3					
MKAR	Makanchi Array	47.56	294	P	P	07 51 47.5 -1.3
IO2E	Swissshore, OR	47.56	71	P	P	07 53 16.2 +0.3
IO2E	Swissshore, OR					07 51 49.7 +0.9
G04A	comp=Z,1.4nm,1.5s	47.56	69	P	P	07 51 49.7 +0.9
G04A	Mulino					07 51 52.7
EPH	comp=Z,6.4nm,0.8s	47.65	65	P	P	07 51 50.3 +0.7
H04D	Ephraim	47.68	70	P	P	07 51 52.3 +1.1
H04D	Lebanon					07 52 18.2
E07A	comp=Z,8.8nm,1.2s	48.05	66	P	P	07 51 52.7 +0.2
WAH2	Sunnyside	48.06	65	P	P	07 51 51.9 -0.8
WAH2	Wahlukie Slope					07 51 54.0
G05A	comp=Z,4.1nm,0.6s	48.15	68	P	P	07 51 54.0 +0.6
G05A	Wamic					07 52 01.4
D08A	comp=Z,4.7nm,0.7s	48.20	65	P	P	07 51 53.5 -0.1
D08A	Wollman Farm,					07 51 55.4
NEW	comp=Z,8.1nm,1.4s	48.32	62	P	P	07 51 55.1 +0.5
NEW	Newport	48.32	62	P	P	07 51 55.1 +0.5
E08A	comp=Z,5.6nm,2.7s	48.50	65	P	P	07 51 56.4 +0.4
E08A	Dider Farm, El	48.58	69	P	P	07 51 58.2 +0.5
E08A	Three Sisters-					07 52 00.1
E08A	Wife					
I05D	comp=Z,5.3nm,0.8s	48.75	69	P	P	07 51 58.7 +0.7
E09A	Terrebonne, OR	48.96	65	P	P	07 52 00.2 +0.7
E09A	Wood Farm, Sta					07 52 01.3
BVAR	comp=Z,8.3nm,0.8s	49.27	307	P	P	07 52 01.1 -0.6
BVAR	Borovoye Array					
BVAR	comp=Z,1.1nm,0.6s,baz=54,slow=8.0,SNR=34	49.27	307	P	P	07 53 21.7 -0.3
BVAR	Borovoye Array					
BORK	comp=Z,7.0nm,0.9s	49.29	307	eP	P	07 52 01.2 -0.7
BORK	Borovoye					
BORK	Borovoye					07 52 01.9 0.0
BORK	Borovoye					07 52 02.3

PINE	comp=Z,12nm,1.0s	49.33	69	P	P	07 52 03.0 +0.4
G08A	Pine Mountain	49.36	66	P	P	07 52 02.7 0.0
L04D	Pilot Rock	49.67	72	Iamb	Iamb	07 52 05.1 0.0
L04D	Klamath Falls					07 52 07.2
JCC	comp=Z,8.4nm,0.8s	49.70	74	P	P	07 52 05.6 +0.4
JCC	Jacoby Creek,					07 52 08.2
YBH	comp=Z,7.9nm,1.1s	49.79	72	P	P	07 52 06.0 0.0
YBH	Yreka Blue Hor					
YBH	comp=Z,3.0nm,0.8s	49.79	72	P	P	07 52 06.0 0.0
YBH	Yreka Blue Hor	49.79	72	P	P	07 52 06.0 +0.4
F10A	Beach Ranch, E	49.83	65	P	P	07 52 05.8 -0.5
KHMM	Horsemant Ranch,	49.83	74	Iamb	Iamb	07 52 09.4
KHMM	Horsemant Ranch,					
JTMT	comp=Z,5.2nm,0.8s	50.09	61	P	P	07 52 09.3 +1.2
JTMT	Jette	50.29	74	P	P	07 52 11.0 +1.2
KMRM	Mail Ridge					07 52 13.0
KMRM	comp=Z,7.5nm,0.8s	50.29	74	Iamb	Iamb	07 52 11.8 +1.1
M03C	McCloud	50.42	72	P	P	07 52 15.1
M03C	McCloud					07 52 12.3 +0.9
BMO	comp=Z,5.8nm,1.0s	50.52	66	P	P	07 52 12.2 +0.9
BMO	Blue Mountains					
BMO	comp=Z,4.0nm,0.9s	50.52	66	P	P	07 52 15.3 +1.6
BMO	Blue Mountains	50.83	74	P	P	07 52 15.3 +0.7
CO2D	Mt. Diablo	50.93	68	P	P	07 52 15.7 +0.8
CO2D	Circle Bar	50.93	68	P	P	07 52 17.3
MOD	Modoc Plateau	50.97	71	Iamb	Iamb	07 52 17.3
MOD	Modoc Plateau					
PLID	comp=Z,4.3nm,0.8s	51.03	65	P	P	07 52 16.1 +0.7
PLID	Pearl Lake					07 52 17.7
ARCES	comp=Z,4.5nm,0.7s	51.12	342	P	P	07 52 14.5 -1.0
ARCES	ARCCESS Array B					
ARCES	comp=Z,2.3nm,0.9s,baz=21,slow=7.5,SNR=1.4	51.12	342	P	P	07 53 28.8 +0.2
ARCES	ARCCESS Array B					
ARCES	comp=Z,1.2nm,0.8s,baz=21,slow=8.0,SNR=3.9	51.12	342	P	P	07 52 14.4 -1.1
ARCES	ARCCESS Array B	51.28	73	P	P	07 52 18.2 +1.1
OO3E	Paynes Creek					07 52 19.0 +0.3
OO3E	Paynes Creek					
WVOR	comp=Z,2.6nm,0.9s	51.49	69	P	P	07 52 19.0 +0.3
WVOR	Wild Horse Val					
WVOR	comp=Z,4.0nm,1.0s	51.49	69	P	P	07 52 19.0 +0.3
WVOR	Wild Horse Val	51.49	69	P	P	07 52 20.3 +1.6
WVOR	Wild Horse Val					
LYMT	comp=Z,4.0nm,0.8s	51.61	61	P	P	07 52 20.4 +0.7
ORV	Lyon Mountain	51.97	73	P	P	07 52 22.4 +0.3
ORV	Oroville					
ORV	comp=Z,4.0nm,1.0s	51.97	73	P	P	07 52 22.4 +0.3
ORV	Oroville					
ARTI	comp=Z,5.0nm,0.5s	52.04	316	iP	S	07 52 22.0 -0.4
ARTI	Arti	52.25	62	P	P	07 52 25.0 +0.7
ARTI	Arti	52.25	62	P	P	07 52 25.0 +0.6
ARTI	Arti	52.57	62	P	P	07 52 27.5 +0.8
ARTI	Arti					07 52 28.8
AFDM	comp=Z,8.7nm,1.4s	52.69	74	P	P	07 52 28.5 +1.0
AFDM	Forest Hills D	52.82	63	P	P	07 52 30.2 +1.1
MCMT	McKenzie Canyo	52.82	63	P	P	07 52 30.2 +1.1
BOZ	Bozeman (W)	52.82	62	P	P	07 52 30.2 +1.1
BOZ	Bozeman (W)					
HLD	comp=Z,2.0nm,0.8s	52.89	65	P	P	07 52 30.2 +1.1
HLD	Hailey	52.91	65	P	P	07 52 30.3 +1.1
HLD	Hailey					
PAHR	comp=Z,1.8nm,0.8s	53.01	72	P	P	07 52 31.2 +1.2
PAHR	Pah Rah Rang					07 52 32.5
PAHR	Pah Rah Rang					
PNTR	comp=Z,2.5nm,1.0s	53.33	73	P	P	07 52 33.6 +1.1
PNTR	Pine Nut	53.53	62	P	P	07 52 34.7 +0.9
QLMT	Earthquake Lak	53.60	72	P	P	07 52 35.1 +0.7
YERR	Yerington					07 52 37.2
YERR	Yerington					
BMN	comp=Z,5.8nm,0.9s	53.65	70	P	P	07 52 35.0 +0.3
BMN	Battle Mountain					
BMN	comp=Z,4.0nm,0.9s	53.65	70	P	P	07 52 35.0 +0.3
BMN	Battle Mountain					07 52 37.4
YHB	comp=Z,4.3nm,0.9s	53.71	62	P	P	

Table with columns for station name, coordinates, elevation, and other data. Includes stations like SONM, GAT2, G2A2, etc.

Table with columns for station name, coordinates, elevation, and other data. Includes stations like KSH2, BOOM, BOOM, etc.

Table with columns for station name, coordinates, elevation, and other data. Includes stations like E07A, ORV, UOSS, etc.

IDC 14 09:03:29.1±1.8, 17:07S; 176:70W, h0km, mb4.5/3, mbmp4.6/4, ML4.7/1, Error ellipse: s-maj=155.9km s-min=18.3km az=152.0

NEIC 14 09:03:37.1±1.9, 17:60S; 0:09:17S; 35W; 0:08, h146km, 9km, mb4.4/24, Error ellipse: s-maj=12.7km s-min=10.6km az=185.0

ISC 14 09:03:36.2±0.6, 17:49S; 0:08:17S; 33W; 0:07, h150km, n34, c1938/37, mb4.4/16, Tonga Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Time, Res, ISC. Rows include stations like FUTU, AFI, AFU, etc.

IDC 14 09:05:16.0±853.0, 31:57N-133:77E, h0km, Error ellipse: s-maj=321.6km s-min=135.4km az=42.0, Southeast of Shikoku

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Time, Res, ISC. Rows include stations like 1430P, 1459U, 1449U.

AFAD 14 09:14:18.9, 37:18N-26:39E, h6km, 3km, ML2.4 ISK 14 09:14:18.6, 37:19N-26:36E, h5km, ML2.4/18 THE 14 09:14:21.8, 37:19N-26:36E, h27km, 16km, M2.7/5, MLh2.7/5

ISC 14 09:19:12.1±2.3, 37:19N; 0:03:26E; 0:03, h8km±10km, n42, c065/61, Dodecanese Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Time, Res, ISC. Rows include stations like DIDI, YKAV, DDIM, etc.

Main table with columns: DAT, Datca, 1.07 115, Pg, AML, Pn, Pb, 09 14 39.7 -0.2, AXAR, Agios Charalam, 1.13 260, P, AML, Pn, Pb, 09 16 10.3 0.0. Rows include stations like DAT, THERA, MLSB, etc.

AFAD 14 09:15:44.0, 38:92N-23:93E, h6km, 2km, MW3.9 IDK 14 09:15:47.9, 1.6, 38:92N-24:09E, h0km, mb3.3/2, mbmp3.5/4, ML3.7/2, Error ellipse: s-maj=27.3km s-min=19.6km az=132.0

ISK 14 09:15:47.6, 39:03N-23:98E, h8km, ML3.4/24 ATH 14 09:15:48.8, 38:97N-24:10E, h16km, ML3.5/53, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km

THE 14 09:15:49.3, 39:0N; 0:7-2'4E, h10km, 1km, M3.5/23, MLh3.5/23

BEO 14 09:15:52.5±0.8, 39:06N; 24:15E, h30km, ML3.4/8 ISC 14 09:15:49.0±0.9, 38:97N; 0:02-24:09E; 0:02, h16km, 6km, n204, c0998/243, 18C-3D, Aegean Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Time, Res, ISC. Rows include stations like AOS, KYMI, NEO, etc.

Table with columns: AXAR, Agios Charalam, 1.13 260, P, AML, Pn, Pb, 09 16 10.3 0.0. Rows include stations like AXAR, Voula, Athens, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like AKASG Malin Array B, AKASG Malin Array S, AKKB Malin Array S, etc.

IDC 14 10:09:38.4-3.2, 16:06S:167.97E, h170km, 24km, mb3.8/7, mbmp4.3/7, Error ellipse: s-maj=29.3km s-min=22.1km az=67.0

NEIC 14 10:09:39.4, 1.3, 16:11S:0.09:168.2E:0.1, h180km, 6km, mb4.1/14, Error ellipse: s-maj=20.2km s-min=12.1km az=74.0

NOU 14 10:09:43.2, 16:30S:167.91E, h144km, MLV.3/3.23, Vanuatu Islands

ISC 14 10:09:38.9-0.8, 16:14S:0.07:168.2E:0.1, h177km, n39, o131/40, mb4.0/12, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like SARAK Saracoutou, SANVU Saracoutou, SANVU Saracoutou, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like ASAR, KNRA Kunurra, FITZ Fitzroy Crossi, etc.

BUI 14 10:23:32.1, 11:72N:142.85E, h10km, mB5.1/3, mb4.7/18, NEIC 14 10:23:39.3, 1.3, 11:89N:0.09:142.6E:0.1, h35km, 1km, mb4.8/140, Error ellipse: s-maj=20.4km s-min=10.9km az=129.0

IDC 14 10:23:40.7-2.3, 11:90N:142.69E, h55km, 21km, mb4.0/17, mbmp4.3/18, ML:4.5/1, MS:7.2/8, Error ellipse: s-maj=16.3km s-min=13.1km az=96.0

ISC 14 10:23:39.4-0.5, 11:82N:0.08:142.64E:0.07, h42km, n166, o095/110, mb4.7/87, MS3.8/23, 1D, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like GUMO GUMO, GUMO GUMO, GUMO GUMO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like SONM Songino Array, SONM Songino Array, WMO Uruwa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like PNTR Pine Nut, WAKR Walker, EDM Edmonton, etc.

IDC 14 10:31:45.3, 1.0, 11.87Nk142.75E, h0km, mb3.7/8, mbtmp3.7/8, MS3.7/1, Error ellipse: s-maj=38.7km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like JOW Kunigami, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 14 10:37:59.1, 5.8, 33.66N, 86.25E, h0km, mb3.7/3, mbtmp3.7/4, ML4.4/1, MS3.4/2, Error ellipse: s-maj=131.1km s-min=50.3km az=108.0, Xizang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like CMAR Chiang Mai Arr, CMAR Aktyubinsk, KSRS Korea Arr, etc.

KRNET 14 10:40:41.1, 0.1, 40.97Nk69.61E, h20km, mb2.7, ISU 14 10:40:43, 40.99N, 69.57E, h15km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like TVKS Takvaksay, CHMG Chimgan, CHRV Charvak, etc.

SALK J/S Sn 10 42 13.0 +2.3
DJA 14 11:07:19.8, 0.2, 7.2, S, 12.9E, h199km, 6km, M4.5/22, mB5.0/12, mb4.5/22, MLV4.9/22, Mw(mB)4.3/12, MwMwp4.7/1, Mwp5.0/1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like SAUI Saumlaki, BNDI Bandanaira, DRS Darwin Rock St, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like BBJI Bungbulang, BBJJ Bungbulang, MEEK Meekatharra, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like UNV Unalaska Valle, AB31 Akbulak array, ABKAR Akbulak array, GSPA South Pole Qui, etc.

SNET 14 11:09:31.9, 1.3, 14.25N:91.89W, h61km, ML3.6, Presumed earthquake

CATAC 14 11:09:31.4, 0.5, 14.1N:3.9W, h32km, 4km, M3.8/12, ML3.8/12, Error ellipse: s-maj=8.5km s-min=3.1km

GCG 14 11:09:32.5, 1.0, 14.32N:91.84W, h55km, 10km, MD4.4, ML4.3, Presumed earthquake

MEX 14 11:09:32.7, 1.2, 14.18N:92.05W, h54km, 15km, MD4.3, Presumed earthquake

ISC 14 11:09:30.6, 1.2, 14.17N:0.07-91.99W, 0.04, h6km, 11km, n46, e150/73, 2D, Guatemala

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like RTAL Retalhuleu, RTAL Retalhuleu, RTAL El Palmar, Qui, etc.

SJA 14 11:11:33.9, 0.6, 22.58S:68.71W, h115km, 2km, ML3.3, MW3.5

GUC 14 11:11:35.5, 0.8, 22.48S:68.69W, h110km, 4km, ML3.3

ISC 14 11:11:36.6, 1.4, 22.52S:0.03:68.74W, 0.05, h99km, 9km, n31, e182/45, Northern Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes station AF01 San Pedro de A.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like AF01 San Pedro de A, PB06 IPOC Station P, PB06 IPOC Station P, etc.

HEL 14 11:13:57.5, 0.2, 62.08N:27.39E, h0km, ML1.1, Explosion, Finland

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KAF Kangasniemi, KAF Kangasniemi, KAF Sumiainen, etc.

HEL 14 11:15:28.1, 0.3, 63.31N:18.88E, h0km, ML1.5, Explosion, Sweden

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like HUSU Husum, HEMU Hemsoen, HEMU Hemsoen, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KPF Rauma, RAF Rauma, RAF Rauma, etc.

IDC 14 11:29:11.8, 8.1, 54.57N:19.02E, h0km, mbtmp3.2/4, ML2.3/4, Error ellipse: s-maj=89.9km s-min=32.0km

DNK 14 11:30:00.5, 2.1, 55.40N:15.85E, h13km, 68km, Presumed earthquake

ISC 14 11:29:06.1, 2.5, 54.3N:0.1x19.12E:0.09, h10km, n17, e194/18, Poland

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like BSD Bornholm Skovb, BSD Bornholm Skovb, BLEU Blekinge, etc.

BUI 14 11:30:14.1, 2.4, 74N:124.63E, h94km, mB4.8/13, mb4.6/51

NEIC 14 11:30:18.4, 2.4, 94N:124.37E, h84km

IDC 14 11:30:19.6, 1.4, 25.12N:124.34E, h100km, 12km, mb4.3/1, mbtmp4.6/34, MS3.2/7, Error ellipse:

JMA 14 11:30:19.9, 0.1, 25.1N:124.3E:0.6, h92km, 1km, MD4.4/14, MV4.3/14, NW OFF ISHIGAKIUMA IS

JMA Felt J1 at NW OFF ISHIGAKIUMA IS

NIED 14 11:30:19.9, 2.4, 97N:124.27E, h92km, MW4.6, Moment Tensor Solution, s2, Moment tensor: Scale 1015Nm;

NEIC 14 11:30:19.0, 1.7, 24.95N:0.06:124.40E:0.04, h92km, 5km, mb4.9/12, Mww4.6/26, Mww4.6/14, Error ellipse:

GFZ 14 11:30:20.1, 0.2, 25.1N:3.12E, h98km, M4.8/24, mb4.8/24, confirmed

ISC 14 11:30:19.0, 0.5, 24.97N:0.03:124.31E:0.03, h96km, 4km, n503, e192/44.1, mb4.8/22.5, IS-3D, Southwesters

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Code Station Name, JISG Ishigakijimahi, JISG Tarama, etc.

Table with columns: ID, Name, Comp, Az, El, AzEl, P, P, Time, Res. Includes entries like K20K Telida, N19K Bonanza Creek, L20K Farewell AK, etc.

Table with columns: VREDI, Name, Comp, Az, El, AzEl, P, P, Time, Res. Includes entries like Verde Repeater, MCARA McCarthy VSAOT, CROM Cirque, etc.

Table with columns: SUMG, Name, Comp, Az, El, AzEl, P, P, Time, Res. Includes entries like Summit, Summit, Vranov, etc.

IDC 14 11:57:52.4;3.4,5.29S;153.63E,h0km,mb3.6/4, mbmtpp3.6/4, New Ireland region

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes entries like KRVT Keravat, WRA Warramunga Ar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KDJ Kajiasy, ANAN yevoo, ANVS Anan yevoo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H03M3 Santiago Islan, H03M2 ASCENSION HYDR1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASB1 Alice Springs, ASAR Alice Springs, etc.

AFAD 14 12:23:09.9, 39.52N, 45.50E, h7km, 3km, ML2.3
AZER 14 12:23:12.0, 39.38N, 45.32E, h12km, ml2.9
TEH 14 12:23:18.8, 39.12N, 45.76E, h10km, 61km, ML2.8

Presumed earthquake
ISC 14 12:23:13.0, 9.3939N, 02.4543E, 0.02, h18km, 5km, n29, r128/50, Iran-Armenia-Azerbaijan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SBZ Shahbuz, NAX Nakhchivan, NAX NAX, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H05S1 Gadeloupe/Mar, TOR1 Torodi Ar. Bea, H05N1 Gadeloupe/Mar, etc.

KRSC 14 13:32:05.0, 0.5475N, 164.55E, h44km, 19km, ML3.6, Komandorsky Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BKI Bering, BK1 Mys Kozlova, MKZ MYZ, etc.

IDC 14 13:51:1.1, 7.1, 5.27, 90S, 138.46E, h0km, mbtmp2.6/3, ML2.4/3, Error ellipse: s-maj=64.8km s-min=12.6km az=55.0

AUST 14 13:51:13.2, 0.4, 28.3, 3, 13.9E, h10km, ML2.8/10, Error ellipse: s-maj=7.6km s-min=5.8km az=164.5

ISC 14 13:51:10.1, 8.27, 80S, 0.05, 138.61E, 0.05, h10km, n13, r272/23, South Australia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like INKA Innaminka, LCRK Leigh Creek, YAPP Yappala Statio, etc.

IDC 14 12:53:41.9, 1.4, 1.04N, 65.86E, h0km, mb3.6/4, mbtmp3.6/4, Error ellipse: s-maj=57.0km s-min=31.8km az=32.0, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, H01W3 Cape Leeuwin H, H01W2 Cape Leeuwin H, etc.

IDC 14 13:23:30.7, 2.6, 4.05N, 127.06E, h0km, mb3.3/3, mbtmp3.3/3, Error ellipse: s-maj=201.3km s-min=30.2km az=66.0, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DDMP Don Marcelino, DDMP Kidapawan, WRA Warramunga Arr, etc.

IDC 14 13:31:37.3, 1.4, 6.27S, 129.32E, h0km, mb3.8/3, mbtmp4.1/6, ML4.3/3, Error ellipse: s-maj=54.4km s-min=17.2km az=75.0

NEIC 14 13:31:53.8, 2.0, 7.09S, 0.08, 129.32E, 0.08, h180km, 11km, mb4.1/6, Error ellipse: s-maj=13.0km s-min=9.8km az=217.0

ISC 14 13:31:51.3, 0.7, 7.11S, 0.09, 129.15E, 0.08, h156km, n25, r166/26, mb3.9/6, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SAUI Saumlaki, FAKI Fak Fak, KCP Kidapawan, etc.

NEIC 14 14:06:31.9, 1.2, 31.701N, 0.007, 104.143W, 0.009, h5km, 1km, mb_Lg2.4/28, ML2.6/72, Error ellipse: s-maj=2.3km s-min=1.5km az=303.0

TXNLE 14 14:06:32.0, 3.1, 7N, 0.6, 104.1W, 0.6, h7km, 1km, ML2.4/19, Error ellipse: s-maj=1.1km s-min=0.7km az=41.1, final

ISC 14 14:06:32.0, 3.1, 69N, 0.02, 104.14W, 0.02, h13km, 6km, n93, r95/56, 136, 1C, Western Texas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TPB09 Culberson Coun, TPB09 Culberson Coun, TPB09 Culberson Coun, etc.

14d 15h

Table with columns: Station Name, Time, Res, and various codes. Includes stations like W52A Murphy, JSC Jenkinsville, WVT Waverly, etc.

2020 SEP

Table with columns: Code, Station Name, Δ°, AZZ°, Phase ID, Time, Res. Includes stations like ILSW Iliamna Southw, O19K Port Alsworth, HOM Homer, etc.

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Table with columns: Code, Station Name, Δ°, AZZ°, Phase ID, Time, Res. Includes stations like NLAI Bandanaira, BNDI Sani, SANI Sani, etc.

NEIC 14 14:48:35.9±0.8, 59°38'N, 153°25'W, 0.1°, h126km, 4km, ML3.0/98, ML2.8(AEIC), Error ellipse: s-maj=8.1km

DJA 14 15:11:13.7±0.4, 4°S, 12°E, h216km, 4km, M3.9/14, mb4.3/6, MLv3.8/14, Banda Sea

JMA 14 15:15:25.7±0.2, 23°39'N, 123°30'E, h27km, 1km, MW2.4/9, NEAR IGHAKUJIMA ISLAND, Southwestern Ryukyu Islands

ISC 14 15:31:28.4,0.8,8.44S,0.05,116.85E,0.04,h10km,n27,
c=179/29,mb3.7/3,MS3.1/3,Sumbawa region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations like TWSI, PLAI, KHKI, etc.

ISC 14 16:01:06.1,5.2,64S,140.12E,h0km,mb3.77,
mbtmp3.8/8,ML4.1/1,MS3.0/2,Error ellipse: s-maj=46.2km
s-min=14.4km,az=94.0, S,7.7,14.0E, h10km,M4.5/9,mb5.7/1,
mb4.5/6,ML4.5/9,MW(mb)5.2/1

ISC 14 16:01:12.1,0.9,2.6S,0.1,140.05E,0.10,h3km,7km,
mb4.2/13,Error ellipse: s-maj=18.9km s-min=13.9km
az=166.0

ISC 14 16:01:10.9,0.6,2.5SS,0.07,140.01E,0.07,h25km,n36,
c=222/36,mb3.9/9,Near north coast of Irian Jaya

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations like GENI, WAMI, BAKI, etc.

Table with columns: RIDG, comp=Z, Iamb, Iamb, 16 14 03.9, S3TK, Pelican, 88.83 32 P, P, 16 14 01.7 -0.9, KHC, Kasperske Hory, 115.03 324 eP, P, 16 16 10.0 +9.1. Includes NIED 14 16:05:11.8,3.31,33N,128.72E,h11km,MW4.1,Moment Tensor Solution...

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations like JSJ, JSU, JSU, etc.

Table with columns: NRK, comp=Z, 29nm, 18.3s, baz=122,slow=37, NRK, Norik's, 46.66 340 P, P, 16 13 27.9 -0.5. Includes NRK, BORK, KK31, etc.

SJA 14 16:15:46.0,0.7,21.11S,68.68W,h140km,ML3.5,MW3.6
IDC 14 16:15:47.8,3.1,21.06S,68.20W,h140km,33km,mb3.5/2,
mbtmp3.8/4,Error ellipse: s-maj=69.7km s-min=26.3km
az=107.0

GUC 14 16:15:47.0,0.7,21.10S,68.59W,h135km,4km,ML3.6
ISC 14 16:15:46.6,0.8,21.12S,67.73W,0.07,h146km,7km,
n3,1513/60,IC-3D,Chile-Bolivia border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations like PB09, PB09, PB09, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR, MKAR, STKA, WRA, ASAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA, WRA, ASAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA, WRA, ASAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA, WRA, ASAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA, WRA, ASAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA, WRA, ASAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA, WRA, ASAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA, WRA, ASAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA, WRA, ASAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA, WRA, ASAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA, WRA, ASAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA, WRA, ASAR.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ONTNC, PPT, TOZ, HNR, CTA, H11S2.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H11S3, H11S1, H11N3, H11N1, H11N2.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA, WRA, ASAR.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA, WRA, ASAR.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA, WRA, ASAR.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA, WRA, ASAR.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA, WRA, ASAR.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA, WRA, ASAR.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA, WRA, ASAR.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA, WRA, ASAR.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA, WRA, ASAR.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA, WRA, ASAR.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PV02, PV01, NEW, TASM, ALQ, ANMO.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ANMO, ANMO, ANMO, ANMO, ANMO.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ANMO, ANMO, ANMO, ANMO, ANMO.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ANMO, ANMO, ANMO, ANMO, ANMO.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ANMO, ANMO, ANMO, ANMO, ANMO.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ANMO, ANMO, ANMO, ANMO, ANMO.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ANMO, ANMO, ANMO, ANMO, ANMO.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ANMO, ANMO, ANMO, ANMO, ANMO.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ANMO, ANMO, ANMO, ANMO, ANMO.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ANMO, ANMO, ANMO, ANMO, ANMO.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ANMO, ANMO, ANMO, ANMO, ANMO.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ANMO, ANMO, ANMO, ANMO, ANMO.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BRBB, BRBB, BRBB, BRBB, BRBB.

NAO 14 19:57:44.9, 0.0, 78:40N, 13:01E, h11km, ML3.0 BER 14 19:57:45.8, 2.5, 78:35N, 13:11E, h5km, 7km, ML2.8, ML3.0(N/AO), Confirmed Earthquake

FCIAR 14 19:57:46.0, 78:56N, 15:06E, h10km, station OMEGA has station magnitude of 3.90

KOLA 14 19:57:48.3, 78:23N, 13:75E, h0km, ML2.2, Error ellipse: s-maj=17.7km s-min=76.0km az=60.0, Spitsbergen

ISC 14 19:57:44.7, 1.1, 78:27N, 0:05, h23km, 8km, n26, e237.83, Svalbard region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, etc.

IDC 14 21:29:14.3.1.5, 4.262N, 126.86E, h0km, mb3.8/5, mbmp3.8/5, MS2.8/3, Error ellipse: s-maj=97.6km s-min=19.6km az=69.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DDMP Don Marcelino, DDMP Don Marcelino, DDMP Don Marcelino, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, MA2 Miasma, ZALV Zalesovo Beam, etc.

IDC 14 21:44:43.7.6.8, 36.20N, 69.74E, h0km, mb3.6/4, mbmp3.7/8, ML3.3/4, MS2.9/2, Error ellipse: s-maj=104.5km s-min=26.2km az=163.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KK31 Karatay Array, AAK Ala-Archa, AAK Ala-Archa, etc.

IDC 14 21:47:48.0.2.0, 19.09S, 0.06E, 169.13E, h118km, 8km, mb4.4/14, Error ellipse: s-maj=13.1km s-min=3.8km az=130.0

IDC 14 21:47:48.4.6.8, 19.09S, 168.99E, h120km, 46km, mb4.0/8, mbmp4.4/9, Error ellipse: s-maj=56.7km s-min=19.6km az=36.0

IDC 14 21:47:49.8.19.19S, 169.09E, h35km, MLv4.9/12, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RTV Rentapao, MARNC Mare, Loyalty, etc.

IDC 14 21:47:46.0.8, 19.11S, 0.06E, 169.1E, h100km, n41, s178/42, mb4.4/13, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CTA Charters Tower, TCW Tony Channel, etc.

IDC 14 21:47:46.0.8, 19.11S, 0.06E, 169.1E, h100km, n41, s178/42, mb4.4/13, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

IDC 14 22:21:39.4.27.80S, 71.62W, h8km, mbmp4.1/12, ML3.9/4, MS1.7/7, Error ellipse: s-maj=20.7km s-min=13.6km az=77.0

IDC 14 22:21:41.7.1.4, 27.87S, 0.01E, 71.49W, h17km, 4km, mb4.5/10, Mw1.4, 3/35, Mw1.4(GUC), Error ellipse: s-maj=11.0km s-min=2.0km az=90.0

IDC 14 22:21:41.5.0.3, 28.2S, 2.7W, h10km, M4.8/17, mb4.8/17, confirmed

IDC 14 22:21:42.7.0.2, 27.92S, 71.47W, h27km, 3km, ML4.4, GUC 14 22:21:38.6.1.4, 27.88S, 0.02E, 71.56W, 0.04, h2km, 8km, n166, s174/176, mb4.7/15, MS3.8/14, 7C-3D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AC04 Llanos de Chal, AC04 Llanos de Chal, AC04 Llanos de Chal, etc.

IDC 14 22:05:25.0.5, 1.36 147, 17.0, h10km, 10km, mb4.4/14, Error ellipse: s-maj=13.1km s-min=3.8km az=130.0

IDC 14 22:05:25.0.5, 1.36 147, 17.0, h10km, 10km, mb4.4/14, Error ellipse: s-maj=13.1km s-min=3.8km az=130.0

IDC 14 22:05:25.0.5, 1.36 147, 17.0, h10km, 10km, mb4.4/14, Error ellipse: s-maj=13.1km s-min=3.8km az=130.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AC05 El Transito, AC05 El Transito, AC05 El Transito, etc.

IDC 14 22:05:25.0.5, 1.36 147, 17.0, h10km, 10km, mb4.4/14, Error ellipse: s-maj=13.1km s-min=3.8km az=130.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CO01 Juntas del Tor, CO01 Juntas del Tor, CO01 Juntas del Tor, etc.

IDC 14 22:05:25.0.5, 1.36 147, 17.0, h10km, 10km, mb4.4/14, Error ellipse: s-maj=13.1km s-min=3.8km az=130.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VCA Vinchina, VCA Vinchina, VCA Vinchina, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include THRS Thira Island, YAZI Mula-Dat'sa, DAI Data, BODT Bodrum, BDRM Kayabasi, TURN Turunc, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include FETA Feichten, MOTA Moosalm, GERES GERESS Array B, DAVOX Davos/Dischmat, DAVOX Reutte, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include ZSN 32nm,0.7s, ZSN Zaisan, ZSN 32nm,0.7s, MK31 Makanchi Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IPOC Station P, IPOC Station P, IPOC Station P, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Paso Flores, IAPMO, IAPMO, etc.

IPCC 15 01:14:39.5-0.2, 51.49N; 16.20E, h1km, ML2.1/7, Error ellipse: s-maj=2.0km s-min=1.3km az=68.0

DNK 15 01:14:40.1-0.8, 51.51N; 15.97E, h12km, 38km, ML2.5, Presumed earthquake

VIE 15 01:14:40.9-0.5, 51.38N; 15.99E, h0km, mb2.1/4, m2.5/5, Error ellipse: s-maj=3.6km s-min=2.7km az=13.0 78 km

PRU 15 01:14:41.4, 51.45N; 16.15E, h0km

ISC 15 01:14:48.6-0.8, 51.54N; 0.03-16.14E:0.03, h0km, n28, 1508/52, Poland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KSP, KSP, KSP, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LUNU, LUNU, BLEU, etc.

IDC 15 01:26:23.1-1.2, 82.93S; 110.46E, h0km, mb3.5/2, mbmp3.8/4, ML3.6/2, Error ellipse: s-maj=24.3km

NEIC 15 01:26:24.3-1.0, 82.88S; 0.09: 111.9E:0.9, h10km, 1km, mb4.2/7, Error ellipse: s-maj=24.0km s-min=6.7km

ISC 15 01:26:23.6-0.8, 82.99S; 0.08:113.06E:0.08, h10km, n19, 1874/24, mb4.1/6, Antarctica

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GSPA, GSPA, GSPA, etc.

NEIC 15 02:26:39.2-0.5, 29S; 0.09: 148.5E:0.2, h177km, 8km, mb4.1/10, Error ellipse: s-maj=28.9km s-min=13.1km

IDC 15 02:28:41.9-1.8, 5.44S; 148.35E, h195km, 14km, mb3.4/6, mbmp3.8/8, MS3.2/1, Error ellipse: s-maj=29.9km

ISC 15 02:26:42.1-0.9, 5.43S; 0.10: 148.3E:0.2, h200km, n23, 1516/26, mb4.0/7, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PMG, PMG, PMG, etc.

IDC 15 03:13:05.7-0.6, 6.68N; 60.48E, h0km, mb4.1/24, mbmp4.1/24, ML3.2/1, MS3.8/14, Error ellipse: s-maj=16.9km s-min=13.0km az=22.0

NEIC 15 03:13:06.6-1.8, 6.40N; 0.09: 60.28E:0.10, h10km, 1km, mb4.4/40, Error ellipse: s-maj=16.8km s-min=15.0km az=275.0

GFZ 15 03:13:08.5-0.3, 7.3N; 6.6E, h10km, M4.4/25, mb4.4/25, confirmed

ISC 15 03:13:06.4-0.4, 6.38N; 0.05: 60.35E:0.06, h10km, n167, 15138/163, mb5.0/47, MS3.7/5, 1D, Carlsberg Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like M5EY, M5EY, M5EY, etc.

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., S/N, SNR, SNR=124, etc.).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., S/N, SNR, SNR=124, etc.).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., S/N, SNR, SNR=124, etc.).

Table with columns: ARTI, Arti, 50.82, 315, P, I, Amb, 03 49 53.4, -0.3, 03 49 56.0, 03 49 55.4, +0.6, 03 50 00.3, 50.94, 73, P, I, Amb, 03 49 53.7, -0.7, 03 49 57.5, 50.94, 12, I, P, Amb, 03 49 56.2, +0.3, 03 50 01.5, 51.11, 226, eP, P, 03 49 59.3, +3.0, 03 49 56.2, -0.1, 03 49 56.9, +0.2, 03 49 57.3, +0.6, 03 50 02.4, 51.19, 293, eP, P, 03 49 56.4, -0.3, 03 56 48.2, +0.7, 03 49 56.0, -0.5, 03 49 58.2, 51.21, 341, eP, P, 03 51 07.9, -0.3, 03 51 02.9, -3.9, 03 56 45.4, -1.5, 03 59 03.2, -5.6, 03 49 55.3, -1.3, 03 49 58.0, 03 51 08.6, +0.2, 03 56 47.4, 0.0, 03 59 04.3, -4.6, 03 50 06.2, +8.7, 03 49 57.4, -0.2, 51.30, 6, P, P, 03 49 57.4, -0.5, 03 49 57.5, -0.5, 03 56 50.1, +0.5, 03 49 57.7, -0.3, 51.37, 292, eP, P, 03 49 57.0, -0.8, 03 49 59.6, 03 51 09.1, -0.6, 03 56 49.4, -0.2, 03 59 04.7, -5.3, 03 49 59.2, +0.1, 03 49 59.7, +0.4, 03 50 05.1, 03 49 58.9, -0.2, 03 50 00.7, 03 49 59.8, -0.2, 03 50 04.5, 03 49 60.0, -0.1, 03 50 01.3, +0.9, 03 51 17.0, +4.7, 03 51 54.4, +3.7, 03 54 34.4, +3.5, 03 56 58.0, +3.8, 03 59 02.0, -0.4, 03 59 15.3, +2.0, 03 50 00.1, -0.7, 03 50 03.4, 03 50 02.2, 0.0, 03 50 01.8, -0.5, 03 50 02.7, 0.0, 03 50 02.9, +0.1, 03 54 30.8, -1.7, 03 50 03.0, +0.3, 03 50 02.0, -0.1, 03 51 14.3, +0.2, 03 59 08.9, +2.5, 03 50 03.4, +0.2, 03 50 08.8, 03 50 03.9, +0.1, 03 50 08.1, 03 50 04.3, +0.3, 03 50 09.6, 03 50 06.6, +2.3, 03 50 04.4, -0.4, 03 50 05.2, +0.6, 03 50 05.5, +0.5, 03 50 10.9, 03 50 05.2, -0.3, 03 57 04.3, +0.6, 03 50 04.0, -1.8, 03 50 06.3, -0.1, 03 50 04.8, -1.2, 03 50 09.2, 03 50 07.8, +0.9, 03 50 07.8, -0.3, 03 50 06.7, 0.0, 03 50 07.2, -0.2, 03 50 07.6, +0.1, 03 50 07.6, +0.1, 03 50 12.5, 03 50 07.7, +0.2, 03 50 06.9, -0.2, 03 50 08.5, 0.0, 03 50 09.3, +0.4, 03 57 08.2, -1.9, 03 50 09.9, +0.6, 03 51 13.3, +0.1, 03 51 21.4, -0.1, 03 51 58.6, -1.2, 03 52 14.5, +1.8, 03 54 38.8, +2.5, 03 57 08.9, -1.7, 03 59 15.8, -4.4, 03 59 21.8, -0.2, 03 50 21.2, -0.3, 03 50 20.2, -0.3, 03 50 18.7, -3.1, 03 50 21.2, -0.3, 03 54 44.0, +0.3, 03 50 23.5, +1.7, 03 50 22.5, +0.6, 03 50 22.4, +0.1, 03 50 21.2, -1.1, 03 50 21.4, -0.9, 03 50 24.4, 03 50 21.7, -0.6, 03 50 21.7, -0.6, 03 50 23.1, +0.5, 03 50 23.2, -0.2, 03 50 23.2, 0.0, 03 50 23.2, 0.0, 03 50 28.4, 03 50 24.1, +0.5, 03 50 23.8, 0.0, 03 50 24.0, 0.0, 03 50 23.6, +0.2, 03 50 24.9, 03 51 36.4, 0.0

Table with columns: SLVN, Son La, 52.87, 252, P, P, 03 50 09.1, -0.2, 03 50 09.6, +0.3, 03 50 11.8, 03 50 09.5, +0.3, 03 50 09.4, -0.2, 03 50 12.4, 53.03, 14, I, P, Amb, 03 50 10.2, -0.2, 53.03, 293, P, P, 03 50 10.4, +0.1, 03 57 14.0, +1.5, 03 57 10.1, -0.2, 53.03, 293, P, P, 03 50 10.2, -0.2, 03 50 13.0, 03 50 10.3, 0.0, 53.05, 355, eP, P, 03 50 11.3, +1.5, 03 50 13.4, 03 51 22.1, -0.1, 03 57 16.8, +5.1, 03 59 27.4, +5.6, 03 59 10.7, +0.7, 03 50 13.5, 03 51 22.3, 0.0, 03 54 39.1, +2.8, 03 57 18.9, +6.8, 03 59 27.4, +5.6, 03 50 11.2, +1.1, 03 50 13.6, 03 51 23.8, +1.3, 03 57 16.9, +4.6, 03 59 26.9, +5.0, 03 50 10.6, -0.1, 03 50 15.4, 03 50 10.1, -0.6, 03 50 12.4, +1.8, 03 50 15.9, 03 57 19.2, +6.0, 03 57 19.3, +4.3, 03 50 12.0, +0.6, 03 54 38.0, +0.5, 03 50 11.1, -0.2, 03 50 10.9, -1.3, 03 50 10.8, -1.3, 03 50 14.1, 03 50 10.9, -1.3, 03 50 11.2, -1.0, 03 50 13.8, 03 50 14.0, +0.6, 03 50 13.4, +0.1, 03 50 13.4, +0.1, 03 50 14.5, +1.2, 03 51 30.5, +4.7, 03 50 10.5, +1.6, 03 57 13.2, 03 50 12.8, 0.0, 03 50 12.8, -0.2, 03 50 13.8, +0.3, 03 50 13.2, -0.2, 03 50 14.7, 03 52 02.3, -1.9, 03 57 17.4, 0.4, 03 59 23.8, -1.2, 03 50 14.2, -0.2, 03 50 19.8, 03 50 13.7, -0.2, 03 50 15.0, 03 51 26.3, -0.1, 03 57 19.1, -0.2, 03 59 27.0, +1.3, 03 50 14.7, +0.1, 03 50 19.8, 03 50 16.5, -0.1, 03 50 13.9, -2.7, 03 50 18.3, 03 50 16.4, -0.4, 03 50 16.6, -0.1, 03 50 16.4, +0.2, 03 50 16.4, +0.2, 03 50 16.1, -0.1, 03 50 17.0, +0.8, 03 50 20.8, 03 50 18.1, +0.7, 03 50 17.2, -0.1, 03 50 22.1, 03 54 41.2, +0.1, 03 50 16.8, -0.1, 03 50 18.5, 03 51 28.5, -1.0, 03 57 25.2, +0.3, 03 59 29.1, +0.4, 03 50 17.6, 0.0, 03 50 16.8, -0.4, 03 50 14.8, -3.3, 03 50 25.5, 03 50 19.2, +0.6, 03 50 18.3, +0.6, 03 50 19.1, +0.3, 03 50 24.4, 03 50 20.1, -0.3, 03 50 20.2, -0.3, 03 50 18.7, -3.1, 03 50 24.7, 03 50 21.2, -0.3, 03 54 44.0, +0.3, 03 50 23.5, +1.7, 03 50 22.5, +0.6, 03 50 22.4, +0.1, 03 50 21.2, -1.1, 03 50 21.4, -0.9, 03 50 24.4, 03 50 21.7, -0.6, 03 50 21.7, -0.6, 03 50 23.1, +0.5, 03 50 23.2, -0.2, 03 50 23.2, 0.0, 03 50 23.2, 0.0, 03 50 28.4, 03 50 24.1, +0.5, 03 50 23.8, 0.0, 03 50 24.0, 0.0, 03 50 23.6, +0.2, 03 50 24.9, 03 51 36.4, 0.0

Table with columns: VAGH, VAGH, 54.99, 290, P, P, 03 50 09.1, -0.2, 55.02, 60, P, P, 03 50 24.2, -0.4, 55.04, 60, P, P, 03 50 24.9, +0.1, 55.19, 221, P, P, 03 50 26.8, +0.9, 55.19, 221, P, P, 03 50 26.9, +1.1, 55.19, 221, P, P, 03 50 27.0, +1.2, 55.19, 221, P, P, 03 50 28.2, +2.4, 55.19, 221, P, P, 03 50 24.0, -1.8, 55.19, 344, eP, P, 03 50 24.1, -1.0, 55.26, 310, P, P, 03 51 35.0, -3.1, 55.28, 343, eP, P, 03 52 33.2, +0.9, 55.28, 343, eP, P, 03 57 40.5, +0.4, 55.28, 343, eP, P, 03 59 37.3, +0.3, 55.28, 343, eP, P, 03 50 26.7, +0.6, 55.28, 343, eP, P, 03 50 23.9, -2.0, 55.28, 343, eP, P, 03 50 24.7, -1.1, 03 50 26.1, 03 51 38.2, -0.6, 03 57 39.6, -1.8, 03 59 36.4, -1.3, 03 50 24.8, -1.3, 03 50 25.6, -0.5, 03 50 25.7, -0.4, 03 50 27.7, +1.0, 03 50 24.7, -1.4, 03 50 26.5, +0.2, 03 50 29.5, 03 51 39.5, +0.2, 03 57 43.1, +0.8, 03 59 39.0, +0.8, 03 50 27.8, +0.7, 55.42, 222, P, P, 03 50 29.5, +1.9, 55.43, 59, P, P, 03 52.9, +0.5, 55.48, 230, eP, P, 03 59.29, +2.1, 55.53, 13, P, P, 03 50 26.0, -1.5, 03 50 29.5, 03 50 26.0, -1.5, 03 50 28.0, 03 50 27.0, -0.7, 03 50 29.3, 03 51 39.0, -1.8, 03 57 46.0, +1.1, 03 59 40.4, +0.8, 03 50 26.0, -2.5, 03 50 30.6, 03 50 29.9, +1.2, 55.60, 162, P, P, 03 50 30.4, +1.7, 55.63, 67, P, P, 03 50 29.2, +0.2, 55.63, 67, P, P, 03 50 34.3, 03 50 29.7, +0.7, 55.65, 62, P, P, 03 50 29.7, +0.6, 03 50 34.3, 03 50 28.7, -0.4, 55.67, 296, P, P, 03 50 28.7, -0.4, 55.67, 296, P, P, 03 57 48.2, +0.7, 55.72, 71, P, P, 03 57 48.2, +0.7, 55.72, 71, P, P, 03 50 30.5, +0.9, 55.72, 71, P, P, 03 54 51.2, +2.4, 55.72, 71, P, P, 03 50 29.9, +0.9, 55.72, 71, P, P, 03 50 26.4, +0.2, 55.72, 71, P, P, 03 54 49.1, +0.3, 55.72, 71, P, P, 03 50 29.5, +0.5, 55.72, 71, P, P, 03 50 29.1, -0.5, 55.76, 296, eP, P, 03 50 29.2, -0.5, 55.76, 296, eP, P, 03 50 30.1, 0.0, 55.88, 61, P, P, 03 50 31.0, +0.3, 03 50 36.0, 03 50 31.5, +0.5, 03 50 36.5, 03 50 31.6, -0.1, 03 50 32.8, +0.4, 03 50 32.8, +0.4, 03 50 37.5, 03 50 29.9, -2.8, 03 50 34.0, 03 50 31.0, -2.1, 03 50 34.9, 03 50 33.7, +0.4, 03 50 33.7, +0.4, 03 50 35.9, +0.5, 03 50 40.3, 03 50 36.4, +0.5, 03 50 41.0, 03 50 36.5, +0.5, 03 50 41.1, 03 50 38.4, +2.3, 03 50 37.3, +0.4, 03 50 37.3, +0.4, 03 50 37.3, +0.4, 03 50 42.8, 03 50 34.8, -2.6, 03 50 37.7, -0.1, 03 50 42.8, 03 50 38.3, -0.7, 03 50 35.1, -2.9, 03 50 38.8, +0.2, 03 50 38.8, +0.1

15d 3h

2020 SEP

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Main data table containing astronomical observations with columns for object name, coordinates, magnitude, and other parameters. Includes sub-sections like PDAR, FINES, NSS, ULM, CMAR, ANG, HEL, K22A, KAVG, RSSD, MOS, TSSA, VLSK, SRNI, JOSI, GAMM, TSSA, VLUK, and O20A.

15d 3h

Table with columns for station name, frequency, power, and signal strength. Includes stations like KRLC, ILTH, NEUB, VASR, MORC, MORV, etc.

2020 SEP

Table with columns for station name, frequency, power, and signal strength. Includes stations like BMOL, BOPT, DOPR, MODR, etc.

828

Table with columns for station name, frequency, power, and signal strength. Includes stations like ARSA, FUTU, KADR, MODR, etc.

Table with columns: ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like Keskin Array S, Yambol, Sakarya HENDEK, etc.

Table with columns: ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like Charters Tower, Brajici-Budva, Drazevica, Mon Bidid, etc.

Table with columns: ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like Madinat Zayed, Kayabasi, Matera, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like LFBI, NWA0, MORW, DBNI, TOLLJ, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like YHNB, TATO, UNV, YSS, YSS, YSS, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like SUTB, MWC, MWC, MWC, etc.

15d 4h

Table with columns: Station Name, Frequency, Power, Direction, and other metrics. Includes stations like MA2 Magadan, TIA Tai'an, L16K Ohwah River, etc.

2020 SEP

Table with columns: Station Name, Frequency, Power, Direction, and other metrics. Includes stations like PGC LuoYang, LYN LuoYang, SIT Sitka, etc.

834

Table with columns: Station Name, Frequency, Power, Direction, and other metrics. Includes stations like XAN, HILR, HPIG, BCAR, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like AQU, INTR, ITM, TIP, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JYRO, Yoronjima, JOKE, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like NRN, BOOM, BOOM, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like IDC, NEIC, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ASAR, KKR, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like FINE, AKAS, etc.

NOU 15 04:31:36.5, 37.16S; 177.92E, h208km, mb4.3/12, Off E. Coast of N. Island, N.Z.

WEL 15 04:31:38.3, 1.1, 37.28S; 5*17.7E; h, 178km, 10km, M3.3/12, ML3.3/12, MLV3.3/12, Error ellipse: s-maj=7.8km

ISC 15 04:31:32.6, 2.4, 36.79S; 0.07, 177.64E; 0.08, h225km, 13km, n88, c1574/107, Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MXZ, RUGZ, etc.

IDC 15 04:38:09.8, 0.7, 31.60N; 93.38E, h0km, mb4.0/17, mbtmp4.0/22, ML4.0/5, MS4.8/3, Error ellipse:

s-maj=23.5km s-min=12.9km az=51.0
NDI 15 04:38:09.0.9,31.90N;93.39E,h10km,ML4.5,MW4.4,
mb4.6(NEIC), Presumed earthquake
NEIC 15 04:38:11.8.1.4,31.73N;0.06:93.46E;0.05,h10km,1km,
mb4.6/17, Error ellipse: s-maj=12.5km s-min=4.3km
az=30.0

ISC 15 05:11:50.5.1,31.67N;0.05:93.43E;0.07,h10km,n60,
#097/60,mb4.3/23,Xizang

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their recorded data.

az=243.0
ISC 15 05:05:52.4.0.4,62.20S;0.06:57.98W;0.08,h10km,n74,
#1502/69,mb4.5/19,South Shetland Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their recorded data.

s-maj=7.1km s-min=4.4km az=76.0, Moment Tensor
Solution, Moment tensor: Scale 10^19Nm, Mrr:2.89;
Mss:0.75; Mtt:3.64; Msr:1.02; Msr:0.97; Msr:4.82; Fault
plane solution: M6.03000:10^15 NP1:rs171.41000°,
574.11000°,74.62000°. NP2:rs36.56000°,821.98000°,
132.99000°. Principal axes: T 5.8162, P158.0000°,
Azml61.0000°; N 0.4074, P15.0000°, Azml76.0000°; P
-6.2236, P128.0000°, Azml74.0000°.
ISC 15 05:11:50.5.1,4.27875S;0.02:71.545W;0.04,h4km,n8km,
n184, #195/211,mb4.5/21,8C-2D,Near coast of
northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their recorded data.

IDC 15 05:05:51.1-0.6,62.03S;57.73W,h0km,mb4.2/12,
mbtmp4.2/13,ML3.8/1, Error ellipse: s-maj=20.6km
s-min=13.3km az=101.0
NEIC 15 05:05:52.5.1.6,62.29S;0.07:58.1W;0.2,h10km,1km,
mb4.7/26, Error ellipse: s-maj=12.9km s-min=11.1km

SJA 15 05:11:47.9.0.6,28.01S;71.86W,h31km,3km,ML4.7,
MW4.8
IDC 15 05:11:51.4.0.6,27.77S;71.29W,h0km,mb4.1/11,
mbtmp4.0/16,ML3.8/5, Error ellipse: s-maj=18.6km
s-min=12.1km az=63.0
VAO 15 05:11:53.2.0.6,27.89S;71.46W,h23km,mb4.7,
Presumed earthquake
GUC 15 05:11:53.9.0.8,27.95S;71.43W,h19km,7km,ML4.4
NEIC 15 05:11:53.4.2,27.90S;71.45W,h18km
NEIC 15 05:11:53.4.0.9,27.90S;0.03:71.45W;0.06,h18km,2km,
mb4.7/30,Mwr4.5/21,Mwr4.6(GUC), Error ellipse:

RTLS
Leontico 4.38 154 eP Pn 05 12 57.3 -0.8
Sb 05 12 59.3 -2.2
ZON Zonda 4.43 147 eS Sb 05 14 02.8 -0.1
Sb 05 14 22.6
ZON comp=Z.367nm,0.7s 4.43 147 Pn 05 13 01.8 +3.2
CFA Coronel Fontan 4.70 143 Pn 05 13 05.5 +3.2
Sb 05 13 58.3 +0.9
CFA comp=Z.9.4nm,0.3s,baz=107,slow=5.9,SNR=3.8
CFA comp=Z.2.1nm,0.4s
CFA AML AML
CFA eS Sn
CFA eS Sn
CFA comp=Z.483nm,1.1s 4.96 170 eP Pn 05 13 05.6 +3.2
eS Sn 05 14 00.8 +3.4
05 14 21.7
VA03 San Esteban 4.96 170 eP Pn 05 13 04.5 -1.4
VA03 eS Sn 05 13 06.0 -3.8
VA03 05 14 27.8
VA03 comp=Z.794nm,0.7s 4.96 170 eP Pn 05 13 07.2 +1.4
VA03 eS Sn 05 13 05.6 +0.6
CFA Cya 5.10 98 eP Pn 05 13 10.0 +2.2
CFA eS Sn 05 14 09.8 +2.6
05 14 17.3
CFA comp=Z.402nm,1.1s 5.14 141 eP Pn 05 13 07.1 -1.3
PB05 IPOC Station P 5.14 141 eP Pn 05 13 07.0 -1.3
PB05 IPOC Station P 5.14 141 eP Pn 05 13 07.1 -1.3
VA01 Topederas 5.14 181 Pn Pn 05 13 06.7 -1.6
PEL Peldehue 5.31 171 Pn Pn 05 13 11.6 +0.9
MT02 Curacav 5.39 176 Pn Pn 05 13 11.9 +0.2
PB06 IPOC Station P 5.49 20 eS Sb 05 13 12.2 -0.4
Sb 05 14 34.3 +2.5
05 14 54.6
PB06 comp=Z.886nm,0.7s 5.44 201 eP Pn 05 13 11.9 -0.6
PB06 eS Pn 05 13 12.0 -0.5
MT16 CCHEN 5.61 171 Pn Pn 05 13 16.0 +1.1
MT03 Universidad Ad 5.68 171 Pn Pn 05 13 16.5 +0.7
MT08 Bocatoma Rd 5.71 167 Pn Pn 05 13 17.4 +1.0
AF01 San Pedro de A 5.76 33 Pn Pn 05 13 18.1 +1.2
MT09 Talagante 5.91 176 Pn Pn 05 13 20.1 +1.1
MT13 San Alfonso 5.96 170 Pn Pn 05 13 23.3 +3.7

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MT01, PB03, BO04, SLA, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ESDC, ASAR, WSAR, BBJJ, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like n48, i102/61, mb3.6/20, Sea of Japan, etc.

15d 06:06:53.5:0.6,35:62N:140:54E, h0km, mb4.0/16, mbmp3.9/22, ML3.5/4, MS3.5/1, Error ellipse: s-maj=13.4km s-min=11.3km az=93.0

NIED 15 06:06:55.6:35.81N:140:89E, h12km, MW4.1, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; Mv=0.37; Mw=0.45; Mw0=0.82; Mw0=0.90; Mw0=1.02; Mw0=0.97; Fault plane solution: Mo1.70000x10^15 NPT1:19.000000; delta37.000000; lambda=12.000000. NP2:119.000000; delta83.000000; lambda=127.000000

JMA 15 06:06:55.6:0.1,35:8N:0:3:140:9E:0.2, h12km, MD4.4/37, MW4.4/37, NEAR CHOSHI CITY

JMA FcH1 J1 at NEAR CHOSHI CITY

NEIC 15 06:07:00.6:1.3,35:94N:0:06:140:58E:0.08, h42km, 5km, mb4.6/42, Error ellipse: s-maj=9.8km s-min=8.7km az=106.0

ISC 15 06:06:56.2:1.1,35:82N:0:03:140:58E:0.05, h13km, 7km, n123, s19/118, mb4.5/40, 1C-3D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their associated data points.

Table with columns: K17K, I, A, P, M, S, Time, Res, ISC, h, m, s, ISC. Lists seismic events with their respective magnitudes and locations.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations and their associated data points.

VAO 15 06:44:02.0:0.5,3:39S:80:53W, h10km, mb4.9, Presumed earthquake

IGO 15 06:44:03.0:0.5,3:3S:1:8'1W, h15km, 3km, M5.4/36, mb5.8/8, mb5.7/8, Mjma5.3/36, ML5.6/34, MLV5.2/33, Mw(mb)5.3/8

GFZ 15 06:44:08.6:0.2,3:3S:3:8'0W, h39km, 14.9/36, mb4.7/36, confirmed

ISC 15 06:44:07.0:0.6,3:42S:80:59W:0.05, h41km, 5km, n427, s1954/334, mb4.7/108, MS4.1/30, 25C-2D, Peru-Ecuador border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations and their associated data points.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like PAC1, OTAV, AOTA, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like VILB, SIV, GTTY, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like MNTX, MNTX, MNTX, etc.

mbtmp4.3/15,ML4.2/1,MS3.9/45,Error ellipse:
 s-maj=23.1km s-min=13.9km az=105.0
 NEIC 15 08:04:28.9.2.6, 17.00S:0.03:166.6E:0.1, h10km,1km,
 mb4.7/29,Error ellipse: s-maj=20.1km s-min=4.3km
 az=83.0
 GCMT 15 08:04:31.9.0.3, 17.11S:0.02:168.47E:0.02, h25km,1km,
 MW5.0/76, Moment Tensor Solution. s10,c10; s76,c93;
 Duration: 0 Moment tensor: Scale 1.01e9Nm; Mr0.24±.25;
 Mw0.13±.17; Mww-0.37±.19; M11=1.1±.37; M22=-3.81±.16;
 M33=0.59±.42; Best double couple: M0.42400±.016
 NFr1=359.00000; NFr2=4000.00000; NFr3=0.00000; NFr4=0.00000;
 Q=287.00000; P=1.64.00000; 1.64.00000; Principal axes:
 T 4.0810, Plg18.00000; Azm22.00000; N -0.1160,
 Plg72.00000; Azm58.00000; P -3.9660, Plg5.00000;
 Azm314.00000; nstai refers to body waves, cutoff=40s.
 nst2 refers to surface waves, cutoff=50s. Triangular
 moment-rate function

ISC 15 08:04:28.5.0.5, 17.16S:0.05:168.66E:0.09, h10km, n146,
 #1541/107, mb4.7/43, MS4.0/43, ID, Vanuatu Islands

Code	Station Name	A°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
RTV	Rentapao	0.67 200	Op	ISC	Pg	08 04 40.8	-0.8
RTV	Rentapao	0.67 200	S	Pg	Sg	08 04 51.6	+2.1
SANVU	Sarautout	2.20 320	P	Pn	Pn	08 05 02.4	-2.8
SANVU	Sarautout	2.20 320	P	Pn	Pn	08 05 02.1	-3.1
SANVU	Sarautout	2.20 320	P	Pn	Pn	08 05 02.1	-3.1
MARNC	Mare, Loyalty	4.34 188	P	Pn	Pn	08 05 34.2	-0.4
MARNC	Mare, Loyalty	4.34 188	P	Pn	Pn	08 05 34.1	-0.6
YATNC	Mamie plateau,	5.16 199	P	Pn	Pn	08 05 45.0	-0.8
DZM	Mont Dzumac	5.32 203	Pn	Pn	Pn	08 05 46.4	-1.7
DZM	comp=Z.9,1nm,1.2s		LR	LR		08 06 42.7	
DZM	comp=Z.431nm,20.5s,baz=28,slow=26		Sn	Sn		08 06 44.3	-5.2
DZM	baz=292,slow=22						
DZM	37nm,0.5s						
DZM	Koumac, New Ca	5.34 230	P	AML	AML	08 05 49.0	+0.6
KOUNC	Koumac, New Ca	5.34 230	P	Pn	Pn	08 05 46.8	-1.6
KOUNC	Port Laguerre	5.40 204	P	Pn	Pn	08 05 48.8	-0.3
OUENC	Ouen Island, N	5.51 198	P	Pn	Pn	08 05 51.4	+0.7
OUENC	Ouen Island, N	5.51 198	P	Pn	Pn	08 05 51.0	+0.4
ONTNC	Ouen Toro	5.53 202	P	Pn	Pn	08 05 51.1	+0.1
ONTNC	Ouen Toro	5.53 202	P	Pn	Pn	08 05 51.5	+0.6
HURO	Huro Makira	9.34 315	P	Pn	Pn	08 06 41.6	-1.8
NGOAU	Tingoa Renbel	10.02 303	P	Pn	Pn	08 06 52.4	-0.2
HNR	Honiara	11.44 311	LR	LR		08 11 17.4	
RAO	comp=Z.739nm,19.9s,baz=24,slow=36		LR	LR		08 13 15.6	
RAO	Raoul Island	17.22 137	LR	LR		08 13 15.6	
EIDS	comp=Z.396nm,21.7s,baz=32,slow=31		Pn	Pn		08 08 41.7	-0.9
EIDS	Eidsvold	18.30 241	P	Pn	Pn	08 08 46.1	+3.4
EIDS	comp=Z.25nm,1.3s						
ARMA	Armidale	20.39 227	P	P	P	08 09 07.6	+1.9
CTA	Charters Tower	21.43 259	P	P	P	08 09 16.4	-0.6
CTA	comp=Z.11nm,0.7s,baz=89,slow=9.8,SNR=9.6		LR	LR		08 16 56.7	
CTAO	Charters Tower	21.43 259	P	P	P	08 09 16.6	-0.4
CTAO	comp=Z.47nm,1.4s		IAMB	IAMB		08 09 24.6	
CTAO	Charters Tower	21.43 259	P	P	P	08 09 19.6	+2.6
PMG	Port Moresby	22.28 287	LR	LR		08 16 49.6	
URZ	Urewera	22.29 162	LR	LR		08 16 49.5	
URZ	comp=Z.386nm,18.7s,baz=336,slow=34						
MTSU	Mount Surprise	23.22 264	P	P	P	08 09 36.8	+0.8
QLP	Quilpie	24.50 243	P	P	P	08 09 47.4	-0.7
CMZ	Cobar Meteorol	25.28 231	P	P	P	08 09 56.6	+1.4
RPSA	comp=Z.3nm,0.7s						
RPSA	Rata Peaks	26.55 176	LR	LR		08 18 29.0	
STKA	comp=Z.63nm,19.0s,baz=228,slow=32						
STKA	Stephens Creek	28.55 234	P	P	P	08 10 23.6	-1.0
STKA	comp=Z.7.2nm,0.9s,baz=84,slow=8.2,SNR=4.7		LR	LR		08 21 36.3	
STKA	comp=Z.344nm,18.3s,baz=51,slow=36						
STKA	Stephens Creek	28.55 234	P	P	P	08 10 24.6	-0.1
STKA	comp=Z.43nm,1.4s						
RAR	Rarotonga	30.06 103	LR	LR		08 20 18.1	
MOO	Moorlands	31.16 212	P	P	P	08 10 48.4	+0.7
WR8	Warramunga Arr	32.47 260	P	P	P	08 10 59.4	-0.1
WR8	comp=Z.5nm,1.5s		IAMB	IAMB		08 11 06.9	
WR8	Warramunga Arr	32.58 260	P	P	P	08 10 58.7	-1.7
WR8	comp=Z.2.8nm,1.0s,baz=83,slow=6.2,SNR=15		IAMB	IAMB		08 11 06.2	
WRA	Warramunga Arr	32.62 260	P	P	P	08 10 58.4	-2.4
WRA	comp=Z.0.5nm,0.7s,baz=85,slow=3.3,SNR=2.4						
WRA	comp=Z.2.8nm,1.0s						
WRA	Warramunga Arr	32.62 260	P	P	P	08 10 59.0	-1.8
AS31	Alice Springs	33.15 253	P	P	P	08 11 04.0	-1.4
ASAR	Alice Springs	33.15 253	P	P	P	08 11 03.6	-1.8
ASAR	comp=Z.5.3nm,0.7s,baz=78,slow=8.8,SNR=4.2		LR	LR		08 23 54.3	
ASAR	comp=Z.399nm,18.4s,baz=78,slow=35						
ASAR	Alice Springs	33.15 253	P	P	P	08 11 04.3	-1.1
BBOO	Bucklebo	33.24 236	P	P	P	08 11 07.4	+1.3
BBOO	Bucklebo	33.24 236	P	P	P	08 11 05.6	-0.4
SAUI	Saumi	37.53 279	P	P	P	08 11 45.2	+2.1
MWPI	Manokwari, Pap	37.59 292	P	P	P	08 11 45.3	+0.9
GUMO	Guam	38.54 321	LR	LR		08 27 15.3	
FORT	Forrest	39.28 242	P	P	P	08 11 58.5	+0.7
FORT	comp=Z.16nm,0.8s		IAMB	IAMB		08 12 01.5	
PPT	Papeete	39.80 97	LR	LR		08 27 23.9	
FITZ	Fitzroy Crossi	40.95 262	LR	LR		08 27 29.7	
FITZ	comp=Z.149nm,20.3s,baz=265,slow=34						
FITZ	Fitzroy Crossi	40.95 262	P	P	P	08 12 10.5	-1.1
FITZ	Fitzroy Crossi	40.95 262	P	P	P	08 12 11.0	-0.6
MEEK	Meekatharra	47.14 249	P	P	P	08 13 02.3	+1.0
KLBR	Kellerberrin	48.14 243	P	P	P	08 13 09.1	0.0
NWAO	Narrogin (SRO)	48.70 241	LR	LR		08 33 02.0	
NWAO	comp=Z.43nm,18.4s,baz=112,slow=36						
NWAO	Narrogin (SRO)	48.70 241	P	P	P	08 13 14.2	+0.8
DAV	Davao City (W)	48.91 296	LR	LR		08 35 08.5	
KAPI	Kappang	49.35 278	LR	LR		08 34 47.2	
MORW	Morawa	49.47 246	P	P	P	08 13 20.2	+0.9
JHJ	Hachijo jima 2	57.10 331	LR	LR		08 36 33.7	
VNDA	Vanda	60.48 182	P	P	P	08 14 37.9	-0.3
VNDA	comp=Z.2.1nm,0.8s						
VNDA	Vanda	60.48 182	P	P	P	08 14 40.8	+2.6
VNDA	comp=Z.2.1nm,0.8s						
VNDA	Vanda	60.48 182	P	P	P	08 14 36.9	-1.3
MJAR	Matsushiro Arr	60.66 332	P	P	P	08 14 40.2	+0.2
MJAR	comp=Z.2.1nm,0.9s,baz=154,slow=7.8,SNR=5.8		LR	LR		08 43 14.7	
MJAR	comp=Z.2.1nm,0.9s						
SBA	Scott Base	60.73 180	P	P	P	08 14 41.1	+1.3
SBA	Scott Base	60.73 180	P	P	P	08 14 39.8	0.0
JNU	Nakatsue	61.66 324	LR	LR		08 39 21.7	
ASAJ	Asahikawa	65.47 340	LR	LR		08 39 59.5	
ASAJ	comp=Z.1.0nm,20.9s,baz=110,slow=33						
KSRS	Korea Array	66.49 326	P	P	P	08 15 19.1	+0.7
KSRS	comp=Z.0.3nm,0.3s,baz=147,slow=7.2,SNR=1.5		LR	LR		08 42 07.7	
KSRS	comp=Z.3.1nm,18.9s,baz=145,slow=34						
KSRS	comp=Z.0.3nm,0.3s						
NJ2	Nanjing	68.34 316	P	P	P	08 15 31.3	+1.0

NJ2	pmx	pmx			
USRK	Ussuriysk Arr	69.64 333	LR	LR	08 42 03.9
SHEM	Shemna	69.75 4	LR	LR	08 39 55.6
PETK	Petrovavlovsk-	70.61 353	LR	LR	08 41 43.6
QSPA	South Pole Ice	72.89 180	P	P	08 15 57.1
QSPA	comp=Z.8.6nm,1.0s,baz=110,slow=5.9,SNR=1.4		LR	LR	08 43 45.6
QSPA	comp=Z.1.13nm,20.8s,baz=40,slow=32				
QSPA	comp=Z.8.6nm,1.0s				
CMAR	Chiang Mai Arr	77.16 294	P	P	08 15 58.1
CMAR	comp=Z.0.9nm,0.3s,baz=104,slow=6.8,SNR=5.1		P	P	08 16 24.8
PZH	Panzhihua	78.13 303	P	P	08 16 27.8
HHC	Hu-ho-ho-te	78.29 319	eP	eP	08 16 29.9
HHC	comp=Z.1.13nm,0.6s		pmx	pmx	
HHC	comp=Z.89nm,4.4s		pmx	pmx	
MAW	Mawson	80.15 202	LR	LR	08 46 46.6
KDAK	Kodiak Island	81.27 20	LR	LR	08 46 52.2
L19K	Wh 18.19	84.16 16	LR	LR	08 46 58.3
YAK	Yakutsk	84.73 343	P	P	08 55 00.4
ULN	Ulaanbaatar	84.87 320	P	P	08 17 07.1
PWL	Port Wells	85.03 20	P	P	08 17 03.4
PWL	comp=Z.5.1nm,0.9s		IAMB	IAMB	08 17 04.6
SONM	Songino Array	85.23 323	P	P	08 17 04.9
SONM	comp=Z.1.6nm,0.8s,baz=139,slow=5.3,SNR=4.7				
SONM	comp=Z.1.6nm,0.8s		IAMB	IAMB	08 17 14.1
SONM	Songino Array	85.23 323	P	P	08 17 05.0
SONM	comp=Z.8.2nm,1.4s		IAMB	IAMB	08 17 14.1
GTA2	Gaotai	85.38 314	eP	eP	08 17 06.3
GTA2	comp=Z.5.0nm,1.1s		pmx	pmx	
CAST	Castle Rocks	85.92 17	P	P	08 17 07.3
CAST	comp=Z.4.0nm,0.9s		IAMB	IAMB	08 17 08.3
AFDM	Forest Hills D	86.16 47	IAMB	IAMB	08 17 09.7
AFDM	comp=Z.7.8nm,1.4s		IAMB	IAMB	08 17 11.2
YBH	Yreka Blue Hor	86.19 44	LR	LR	08 47 03.6
YBH	comp=Z.108nm,12.1s,baz=255,slow=30				
YBH	Yreka Blue Hor	86.19 44	IAMB	IAMB	08 17 11.7
YBH	comp=Z.8.2nm,1.4s				
MDPB	Devils Postpile	86.96 49	IAMB	IAMB	08 17 16.4
WAKR	Walker	87.06 48	P	P	08 17 15.4
WAKR	comp=Z.6.0nm,1.3s		IAMB	IAMB	08 17 17.2
CLC	China Lake	87.32 51	IAMB	IAMB	08 17 18.2
PFO	Pinyon Flats O	87.33 54	LR	LR	08 48 33.4
PFO	comp=Z.1.11nm,20.6s,baz=233,slow=30				
NVAR	Mina Array Bay	87.84 49	P	P	08 17 18.6
NVAR	comp=Z.1.1nm,0.8s,baz=231,slow=7.5,SNR=7.4		LR	LR	08 51 53.0
NVAR	comp=Z.49nm,18.2s,baz=234,slow=32				
NVAR	Mina Array Bay	87.84 49	P	P	

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JAK, JCH, JYV, TYV, JNBK, etc.

TAP 15 09:26:33.3, 23.28N, 121.57E, h43km, ML2.5, C, Taiwan

Main table of station data for TAP 15 09:26:33.3, 23.28N, 121.57E, h43km, ML2.5, C, Taiwan. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res.

TAP 15 09:26:33.3, 23.28N, 121.57E, h43km, ML2.5, C, Taiwan

Table of station data for TAP 15 09:26:33.3, 23.28N, 121.57E, h43km, ML2.5, C, Taiwan. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res.

Table of station data for 2020 SEP. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ECS, EDH, TEGC, etc.

KRNET 15 09:31:34.5:0.1, 40.50N:72.58E, h12km, mb2.8

SOME 15 09:31:36.4, 40.52N:72.65E, h10km

ISU 15 09:31:37.4:0.50N:72.49E, h0km

NMC 15 09:31:39.7:4.5, 40.59N:72.47E, h0km, mb3.5, mpv3.0

ISC 15 09:31:34.1:1.0, 40.50N:72.62E:0.03:72.62E:0.02, h16km, 7km, n27, r1939/47, 14C, 9D, Kyrgyzstan

Main table of station data for 2020 SEP. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ECS, EDH, TEGC, etc.

15d 9h
IDC 15 09:35:56.8:1.0, 34.30N:25.06E, h0km, mb3.7/9,
mbtm3.7/14, ML3.6/5, MS3.2/1, Error ellipse:
s-maj=16.2km s-min=11.9km az=43.0
ISK 15 09:35:56.9, 34.15N:25.13E, h3km, ML3.1/10
THE 15 09:36:00.1, 34.1N:25.25E, h3km, 4km, M3.2/12,
ML3.2/12
ATH 15 09:36:01.3, 34.33N:25.08E, h14km, 3km, ML3.1/10,
Latitude uncertainty: 3 km; Longitude uncertainty: 1 km
AFAD 15 09:36:07.0, 34.62N:25.10E, h7km, ML2.8
ISC 15 09:35:58.6:1.5, 34.22N:0.06:25.17E:0.03, h14km, gkm,
n81, r1978/106, mb3.6/8, Crete

Main table of station data for 15d 9h. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SIVA, AGNIA, GVD, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MEF, RAU, OUF, ARBE, JOES, RANF, etc.

IDC 15 12:18:41.9-4.7, 34°36'N-71°76'E, h0km, mb3.5/2, mbtmp3.6/5, ML3.1/3, MS3.5/1, Error ellipse: s-maj=126.1km s-min=29.1km az=134.0, Pakistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR, MKUR, BVAR, BVAR, KEST, TORD, etc.

DJA 15 12:30:52.9-0.3, 0°S-3°12'E, h83km, 10km, M4.2/30, mB5.0/3, mb4.1/6, MLV4.3/30, Mw(mB)4.3/3

IDC 15 12:30:52.1-0.9, 0°05'S-123°91'E, h110km, n18, <1507/20, mb3.5/5, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LUWI, MNI, APSI, SANI, TINTI, PNCI, etc.

IDC 15 12:34:56.8-5.2, 36°29'N-71°16'E, h222km, 47km, mb3.1/5, mbtmp3.6/9, Error ellipse: s-maj=53.4km s-min=37.3km az=144.0

IDC 15 12:35:01.9-1.7, 36°39'N-01°71'E, h250km, n11, <2519/14, mb3.5/3, 1C-2D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KK31, KK31, AAK, AAK, AAK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARCES, NOA, TORD, etc.

BGSI 15 12:51:05.8-1.8, 24°85'S-23°48'E, h248km, 63km, ML2.3, Presumed earthquake

PRE 15 12:50:56.9-0.9, 26°46'S-27°11'E, h2km, ML2.4, Presumed earthquake, South Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HRAO, RUST, CRLN, LBTB, etc.

JMA 15 13:13:17.1-0.2, 27°N-2°14'E, h412km, MV4.0/20, W OFF OGASAWARA, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBIJ, JHH2, BSO1, BSO3, etc.

SOME 15 13:20:24.9, 40°73'N-77°32'E, h5km, NNC 15 13:20:25.9-1.0, 40°71'N-77°34'E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=7.2km s-min=4.5km az=167.0

KRNET 15 13:20:26.3-0.1, 40°78'N-77°25'E, h16km, mb2.9, IDC 15 13:20:24.1-2.0, 40.68°N-008°77'26"E, 0.03, h12km, 15km, n44, <19457/0, 14C-14D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TARG, NARN, KDJ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURS, KPKS, KPKS, etc.

IDC 15 13:34:16.5-7.1, 18°54'S-176°93'W, h0km, mb3.6/3, mbtmp3.6/3, Error ellipse: s-maj=306.1km s-min=40.6km az=143.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA, ASAR, ILAR, etc.

IDC 15 13:48:23.4-1.3, 13°24'N-142°95'E, h0km, mb3.6/5, mbtmp3.6/5, Error ellipse: s-maj=69.5km s-min=25.6km az=96.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA, ASAR, BVAR, etc.

IDC 15 13:56:32.5-1.5, 4°01'N-126°38'E, h0km, mb3.8/6, mbtmp3.8/6, MS3.2/4, Error ellipse: s-maj=102.5km s-min=19.6km az=68.0

MAN 15 13:56:34.0, 3°79'N-126°56'E, h32km, MS4.0, NEIC 15 13:56:40.9-2.2, 3°68'N-0°08'-125°8'E, 0.1, h62km, 5km, mb4.1/7, Error ellipse: s-maj=17.1km s-min=8.5km az=74.0

IDC 15 13:56:37.9-0.6, 3°79'N-0°05'-125°8'E, 0.1, h35km, n38, <1574/37, mb4.2/15, MS3.2/4, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DDMP, GSPH, DAV, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like USSuriysk Arra, USRUK USSuriysk Arra, SONM Songino Array, etc.

IDC 15 14:03:25.7:0.4, 0.56:66S:25:99W, h0km, mb4.3/9, mbmp4.3/10, ML4.2/1, MS3.2/1, Error ellipse: s-maj=30.0km s-min=17.6km az=61.0

NEIC 15 14:03:31.4:1.1, 56:33N:01:26:11W:0.2, h36km, 3km, mb4.5/1.5, Error ellipse: s-maj=23.2km s-min=14.0km az=210.0

ISC 15 14:03:30.4:0.7, 56:75S:01:26:00W:0.1, h33km, n36, o#84/28, mb4.4/12, 1C, South Sandwich Islands region

Main table for the first section with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, etc.

DJA 15 14:20:04.8:0.9, 4°N:10°12'6"E, h217km, 8km, M4.4/12, mb4.8/1, mb4.4/4, MLV4.4/12, Mw(mb)4.1/1

IDC 15 14:30:06.1:1.0, 4:35N:127:21E, h0km, mb3.9/12, mbmp3.9/12, MS3.1/3, Error ellipse: s-maj=67.9km s-min=11.9km az=69.0

MAN 15 14:30:11.0:3.91N:126:69E, h33km, MS3.9, NEIC 15 14:30:12.2:1.1, 4:26N:0:09:126:9E:0.1, h35km, 2km, mb4.2/15, Error ellipse: s-maj=19.7km s-min=12.7km

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like Don Marcelino, Kanadapawan, Ternate, Cateel, Davao, etc.

IDC 15 14:41:12.6:0.9, 62:24S:57:96W, h0km, mb4.3/8, mbmp4.2/9, ML4.1/1, MS3.7/14, Error ellipse: s-maj=24.6km s-min=20.0km az=112.0

NEIC 15 14:41:13.7:2.4, 62:27S:0:05:58:44W:0.07, h10km, 1km, mb4.5/1.0, Error ellipse: s-maj=8.3km s-min=5.6km az=354.0

ISC 15 14:41:14.0:0.6, 62:32S:0:08:58:19W:0.08, h10km, n41, o#1907/24, mb4.3/13, MS3.8/14, 4C, South Shetland Islands

Main table for the second section with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like Base Esperanza, Palmer Station, Neumayer-Stat, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like QSPA South Pole Qui, CO01 Juntas del Tor, CPUP Villa Florida, etc.

TIF 15 14:51:20.9:42:52N:45:04E, h12km, 1km, MOS 15 14:51:20.3:42:48N:45:39E, h9km, MPV4.6

NORS 15 14:51:21.7:42:43N:45:00E, h6km, MPV4.6, DRS 15 14:51:22.5:42:42N:46:11E, h3km

ISC 15 14:51:21.7:1.0, 42:48N:0:02:45:87E:0.01, h5km, gkm, n102, o#1901/187, 2C-2D, Eastern Caucasus

Main table for the third section with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like Botlikh, Vedeno, Tlyaratz, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Makhachkala, Mashovani, Batakoyurt, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Dimmadals, Skildingahish, Grimsey, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HFS, LANU, NOR, etc.

BER 15 14:52:10.9... mB4.3(USGS)
REY 15 14:52:11.8... mB4.0/15,
MOS 15 14:52:11.2... mB4.5/35,
NEIC 15 14:52:12.6... mB4.3/28,
GFZ 15 14:52:12.4... mB4.2/23,
INMG 15 14:52:14.0... mB4.6,
DNK 15 14:53:11.2... mB4.0,
ISC 15 14:52:12.7... mB4.3/86,
Code Station Name Az Phase ID Time Res

15d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BCAR Beaver Creek, BMAR Burnt Mountain, M29M Somme Creek, DAWY Dawson, N30M Aishikik Lake, etc.

IDC 15:15:46:08.2.3, 6.09S, 104.77E, h0km, mb3.9/8, mbmp3.9/8, MS3.4/2, Error ellipse: s-maj=114.4km s-min=17.7km az=53.0
DJA 15:15:46:14.5.0.8, 7.53S x 107.4E, h13km, 5km, M3.9/23, MLV3.9/23
NEIC 15:15:46:18.7.0.9, 6.05S, 104.84E, 0.09, h63km, 9km, mb4.5/12, Error ellipse: s-maj=22.9km s-min=2.9km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KASI Kota Agung, BLSI Bandar Lampung, CGJI Cibinong, MDSI Maura Dua, GIRL Girialla, FITZ Fitzroy Crossi, WRA Warramunga Arr, WRAB Tennant Creek, etc.

IDC 15:15:16:14.1.2, 4.08N, 126.65E, h0km, mb3.8/7, mbmp3.8/7, Error ellipse: s-maj=93.0km s-min=16.8km az=64.0
MAN 15:15:16:18.0, 3.91N x 126.53E, h7km, MS.4.1
NEIC 15:15:16:18.6.1.2, 4.19N, 0.09, 126.7E, 0.1, h10km, 1km,

2020 SEP

mb4.1/14, Error ellipse: s-maj=18.9km s-min=13.1km az=57.0

ISC 15:15:11:18.2.0.6, 4.21N, 104.04E, 126.77E, 0.08, h10km, n34, 1877/39, mb4.0/11, Talau Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DMMP Don Marcelino, GSPH General Santos, KCP Kidapawan, TINTI Ternate, CDOP Cateel, Davao, CTBH Cotabato-PC H, BIPH Bislig, MUSUAN Musuan, etc.

IDC 15:16:11:19.1.1.9, 3.94N, 126.15E, h0km, mb3.4/5, mbmp3.4/5, Error ellipse: s-maj=112.4km s-min=26.8km az=68.0

ISC 15:16:11:19.8.0.9, 4.12N, 107.07E, 126.6E, 0.2, h10km, n8, 182/11, mb3.3/4.5, Talau Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DMMP Don Marcelino, GSPH General Santos, KCP Kidapawan, TINTI Ternate, CDOP Cateel, Davao, CTBH Cotabato-PC H, BIPH Bislig, FITZ Fitzroy Crossi, etc.

IDC 15:16:16:20.1.16.0, 4.0N x 127.24E, h0km, mb3.3/3, mbmp3.4/4, ML3.2/1, Error ellipse: s-maj=262.3km s-min=11.2km az=149.0, Halmaera region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DMMP Don Marcelino, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array, etc.

IDC 15:16:22:49.4.1.0, 11.01S, 73.82W, h0km, mb3.8/2, mbmp3.8/6, ML3.6/4, MS3.6/3, Error ellipse: s-maj=22.4km s-min=11.0km az=27.0
NEIC 15:16:22:51.9.1.6, 11.14S, 0.07, 73.67W, 0.07, h21km, 8km,

854

mb4.6/5, Error ellipse: s-maj=11.4km s-min=9.0km az=141.0

ISC 15:16:22:50.3.0.8, 11.11S, 0.07, 73.67W, 0.06, h10km, n17, 1500/16, mb4.6/3, MS3.4/3, Central Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NNA Nana, NNA Nana, NNA Nana, NNA Nana, NNA Nana, etc.

NEIC 15:16:33:35.3.1.9, 38.71N, 0.03, 118.02W, 0.04, h10km, 2km, ML4.0/128, Mwr4.0/126, ML4.2/18(REN), Error ellipse: s-maj=5.9km s-min=4.8km az=71.0, Moment Tensor Solution, Moment tensor: Scale 10^19Nm; Mrr, 0.18; Mth, -0.76; Mtt, 0.58; Mtr, -0.20; Mtr, 0.82; Mtr, 0.14; Fault plane solution: M1: 1000 x 10^19 NPT, 69.93000, 380.77000, 1.4-66000; NP2: 160.68000, 885.40000, 2.1-170.74000; Principal axes: T: 0.9738, P: 0.0000; Azm295.0000; N: 0.2187, P: 0.0000, Azm187.0000; P: -1.1925, P: 0.0000, Azm26.0000

NEIC 15:16:33:35.7.38.15N, 117.95W, h17km, REN 15:16:33:35.3.0.38, 160N, 0.07, 117.96W, 0.03, h12km, 5km, Error ellipse: s-maj=3.1km s-min=0.8km az=100.0

IDC 15:16:33:36.7.1.6, 38.15N, 117.93W, h0km, mbmp3.1/2, ML3.7/1, Error ellipse: s-maj=14.9km s-min=6.3km az=137.0

ISC 15:16:33:36.4.0.38, 16N, 0.02, 117.95W, 0.02, h15km, 5km, n8, 0563/84, Nevada

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like COLR Columbus, NV11 Mina Array Sit, NV11 Mina Array Sit, NV11 Mina Array Sit, NV11 Mina Array Sit, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MZVM, XCVM, THVM, etc.

HEL 15 17:00:09.3-0.3, 67.08N;20.72E, h0km, ML2.1, Explosion
UPP 15 17:00:10.2-0.1, 67.07N;20.92E, h0km, ML2.6, Suspected explosion

IDC 15 17:00:11.0-1.4, 67.14N;20.78E, h0km, mbmp2.9/4, ML2.2/4, Error ellipse: s-maj=30.4km s-min=10.7km az=119.0

ISC 15 17:00:09.5-0.8, 67.10N;0.02-20.81E;0.03, h0km, n43, c104/67, Sweden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MASU, MASU, ERTU, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARCES, RAUF, RAUF, etc.

IDC 15 17:02:15.6-6.7, 21.50N;143.63E, h0km, mb3.4/6, mbmp3.4/6, Error ellipse: s-maj=267.6km s-min=22.9km az=76.0

ISC 15 17:02:15.3-6.9, 21.38N;0.5-14.5E;1.1, h35km, n6, c1913/6, mb3.4/6, Mariana Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSRSS, WRA, ASAR, ZALV, MKAR, KURBS.

IDC 15 17:06:45.3-1.4, 66.26N;18.02W, h0km, mb3.5/3, mbmp3.6/10, ML3.1/6, MS3.1/8, Error ellipse: s-maj=27.4km s-min=14.8km az=140.0

ISC 15 17:06:46.0, 66.12N;17.73W, h12km REY 15 17:06:45.3-0.8, 66.12N;0.02-17.68W;0.02, h15km;5km, n47, c1514/62, mb3.5/3, MS3.2/4, Iceland region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IBRE, IGHIA, IGHIA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CLL, Collm, GERES, etc.

SDD 15 17:16:02.3-2.8, 18.36N;71.66W, h23km;6km, MD3.2, ML3.7, MW3.7, Presumed earthquake

SSNC 15 17:16:03.4-1.1, 18.27N;71.59W, h4km;9km, MD3.6, ML3.5, MW3.5, Presumed earthquake

OSPL 15 17:16:04.8-2.2, 18.37N;71.69W, h7km;9km, ML3.8, Presumed earthquake

ISC 15 17:16:04.0-0.9, 18.35N;0.03-71.64W;0.02, h10km;7km, n36, c126/58, SC-11, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LONE3, LONE3, LONE3, etc.

GFZ 15 17:16:14.1-0.5, 35.1N;4.9E, h10km, M4.4/9, mb4.4/9, Error ellipse: s-maj=13.8km s-min=6.8km az=67.7, confirmed

IDC 15 17:16:22.4-1.2, 33.35N;92.24E, h0km, mb3.3/4, mbmp3.4/8, ML3.4/4, MS3.2/12, Error ellipse: s-maj=59.6km s-min=17.9km az=64.0

ISC 15 17:16:23.6-0.7, 33.39N;0.06-92.3E;0.1, h10km, n23, c247/14, mb3.4/4, MS3.3/8, Qinghai

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GOMU, GeErMu, GOMU, etc.

JUCU	Jucuarjn	2.81 328	Pn	Pn	22 08 53.2	-0.9
LCR2	La Lucha 2	2.89 112	Pn	Pn	22 08 56.8	+1.4
RAFA	San Farael, Vo	3.00 107	Pn	Pn	22 08 55.4	-1.4
PACA	Pacalay	3.04 329	eP	Pn	22 08 57.3	0.0
ALJI	Alcalda de J	3.05 324	eS	Pn	22 09 30.9	-2.5
TECA	Tecapetlan	3.15 327	eP	Pn	22 09 58.5	-0.3
TGUH	Tegucigalpa,Un	3.23 350	Pn	Pn	22 09 00.8	+0.9
SIUN	Universidad U	3.42 34	Pn	Pn	22 09 01.9	-0.5
COEG	Centro de Oper	3.47 323	eP	Pn	22 09 03.4	+0.3
LFRS	El Faro	3.58 320	eP	Pn	22 09 04.7	0.0
CEVE	Cerro Verde	4.10 316	eP	Pn	22 09 12.4	+0.4
PIRO	Carate, Puerto	4.13 326	Pn	Pn	22 09 12.1	0.0
ESQI	Esquipulas	4.49 325	Pn	Pn	22 09 19.1	+2.0
BLN	Elvi Airport	4.55 45	Pn	Pn	22 09 18.9	+0.9
APG	El Apazote	5.51 319	Pn	Pn	22 09 33.7	+2.3
CMIG	baz=82,slow=14,SNR=3.6	10.06 309	Pn	Pn	22 10 35.0	+1.3
TLIG	Matias Romero	10.39 309	Pn	Pn	22 10 35.0	+1.3
ATAH	Atahualpa	13.20 301	Pn	LR	22 11 19.7	+1.9
MLPR	Maguyes Islan	19.70 165	LR	LR	22 19 21.8	
HKT	Hockley	20.32 87	P	P	22 12 44.4	-0.8
152A	Waverly Hall	20.81 337	P	P	22 12 50.4	0.0
152A		21.79 5	P	P	22 13 01.9	+1.0
LRAL	comp=Z,17nm,0.9s	22.08 359	P	P	22 13 05.1	+1.0
GOGA	Lakeview Retre	22.65 7	P	P	22 13 10.4	+0.2
Y49A	Blount Mountai	22.90 1	P	P	22 13 12.6	-0.3
BRDY	comp=Z,9.7nm,0.7s	23.30 333	P	P	22 13 16.6	-0.4
FW13	Brady	23.57 337	P	P	22 13 19.2	-0.4
FW13	Cleburne		Iamb	Iamb	22 13 45.0	
HODG	comp=Z,1.1nm,0.7s	23.62 9	P	P	22 13 20.2	+0.1
HODG	Hodges		Iamb	Iamb	22 13 45.1	
JSC	comp=Z,17nm,1.4s	23.85 11	P	P	22 13 22.5	+0.3
JSC	Jenkinsville		Iamb	Iamb	22 13 23.1	
FW06	comp=Z,14nm,0.7s	24.17 337	P	P	22 13 26.2	+0.9
TXAR	Lajitas Array	24.26 322	P	P	22 13 27.2	+0.9
TXAR	Azle	24.32 330	P	P	22 13 26.2	+0.9
TXAR	Lajitas Array	24.26 322	P	P	22 13 27.2	+0.9
TXAR	comp=Z,3.5nm,0.8s,baz=137,slow=9.8,SNR=30		PcP	PcP	22 17 09.2	+2.8
TXAR	comp=Z,0.8nm,0.8s,baz=120,slow=2.8,SNR=6.2	24.26 322	P	P	22 13 26.6	+0.3
TXAR	comp=Z,3.5nm,0.8s	24.26 322	P	P	22 13 26.6	+0.3
TX31	Lajitas Array	24.26 322	P	P	22 13 26.6	+0.3
W50A	Lajitas Ar. Si	24.27 3	P	P	22 13 25.3	-0.9
W50A	Signal Mountai	24.27 3	P	P	22 13 25.3	-0.9
W50A			Iamb	Iamb	22 13 37.0	
PLPT	comp=Z,18nm,1.3s	24.32 336	P	P	22 13 26.9	+0.2
PLPT	Palo Pinto		Iamb	Iamb	22 13 28.3	
MIAR	comp=Z,14nm,0.8s	24.40 346	P	P	22 13 27.3	-0.1
MIAR	Motley Ida	24.40 346	P	P	22 13 28.6	-0.3
CPCT	Cooper Cave	24.57 4	P	P	22 13 28.6	-0.3
CPCT			Iamb	Iamb	22 13 31.8	
TKL	comp=Z,9.2nm,0.7s	24.84 6	P	P	22 13 31.2	-0.2
TKL	Tuckaleechee C		Iamb	Iamb	22 13 49.2	
WHAR	comp=Z,27nm,1.5s	24.85 87	P	P	22 13 30.6	-0.9
WHAR	Woolly Hollow		Iamb	Iamb	22 13 31.0	
LOOK	comp=Z,8.8nm,0.9s	24.94 339	P	P	22 13 32.6	+0.3
V53A	Love County	24.96 8	P	P	22 13 32.6	+0.3
V53A	Saluda	24.96 8	P	P	22 13 32.6	+0.3
CLTN	comp=Z,13nm,1.3s	25.13 1	P	P	22 13 34.3	+0.3
CLTN	Cedars of Leba		Iamb	Iamb	22 13 50.6	
MNHN	comp=Z,10.0nm,1.3s	25.23 326	P	P	22 13 35.0	0.0
V58A	Monahans	25.27 14	P	P	22 13 39.0	-0.8
V58A	Windy Hill, Pi		Iamb	Iamb	22 13 40.6	
129A	comp=Z,11nm,0.8s	25.77 30	P	P	22 13 39.1	-0.8
129A	Stewart Farms,	25.77 30	P	P	22 13 39.1	-0.8
128A	Castleberry Fa,	26.08 329	P	P	22 13 42.1	-0.7
WMOK	Wichita Mounta	26.20 337	P	P	22 13 44.9	+1.1
WMOK			Iamb	Iamb	22 13 46.7	
SMWD	comp=Z,13nm,0.9s	27.10 335	P	P	22 13 50.7	-1.2
SMWD	Sammorwood		Iamb	Iamb	22 13 56.2	
MSTX	comp=Z,9.3nm,0.7s	27.30 330	P	P	22 13 53.8	0.0
MSTX	Muleshoe		Iamb	Iamb	22 13 57.1	
S39A	comp=Z,6.2nm,0.9s	27.37 349	P	P	22 13 52.5	-1.8
S39A	Bolivar		Iamb	Iamb	22 13 54.3	
R55A	comp=Z,6.7nm,0.9s	27.95 11	P	P	22 13 59.6	+0.1
Q52A	Marlinton	28.27 7	P	P	22 14 01.2	-1.0
Q54A	Bidwell	28.50 10	P	P	22 14 03.8	-0.5
Q56A	Coxs Mills	28.86 12	P	P	22 14 07.7	+0.2
Q56A	Snyder Ridge,		Iamb	Iamb	22 14 38.9	
P52A	comp=Z,9.7nm,1.0s	28.95 7	P	P	22 14 07.1	-1.2
O52A	Corning	29.46 8	P	P	22 14 11.8	-1.1
O53A	Adamsville	29.68 9	P	P	22 14 13.7	-1.1
L42A	New Philadelphia	31.14 356	P	P	22 14 25.8	-1.9
M57A	Oliver, Polo	31.52 14	P	P	22 14 30.6	-0.4
M57A	Sunshine Farm,		Iamb	Iamb	22 14 31.5	
LPAZ	comp=Z,8.9nm,0.9s	32.64 145	LR	LR	22 30 13.8	
LPAZ	La Paz					
PV03	comp=Z,5.5nm,19.8s,baz=312,slow=40	33.72 328	P	P	22 14 51.1	+0.5
PV03	Paradox Valley		Iamb	Iamb	22 14 53.1	
PV18	comp=Z,3.0nm,0.7s	33.74 328	P	P	22 14 51.2	+0.4
P17A	Skein Mesa, Pa	35.61 327	P	P	22 15 07.8	+0.9
P17A	Butcher Ranch,		Iamb	Iamb	22 15 10.0	
PDAR	comp=Z,4.6nm,0.9s	37.51 332	P	P	22 15 22.2	-0.9
PDAR	Pinedale Array					
PDAR	comp=Z,0.8nm,0.7s,baz=129,slow=9.8,SNR=7.5	37.51 332	P	P	22 15 22.2	-0.9
PDAR	comp=Z,1.8nm,0.7s	37.51 332	P	P	22 15 22.2	-0.9
NVAR	comp=Z,0.7nm,0.7s,baz=135,slow=8.7,SNR=4.8	39.37 320	P	P	22 15 39.3	+0.4
NVAR	Mina Array Bea		PcP	PcP	22 17 50.4	+3.3
NVAR	comp=Z,1.3nm,0.7s,baz=95,slow=5.6,SNR=5.8					
NVAR	comp=Z,0.7nm,0.7s					
NVAR	Mina Array Bea	39.37 320	P	P	22 15 38.3	-0.5
BOZ	Bozeman (W)	40.65 333	P	P	22 15 49.5	+0.3
LYMT	Lyon Mountain	42.03 334	P	P	22 16 01.0	+0.5
YBTH	Yreka Blue Hor	43.03 321	LR	LR	22 36 18.2	
BDFB	comp=Z,60nm,18.1s,baz=168,slow=38	46.49 124	P	P	22 16 37.5	+0.8
BDFB	Brasilia					
BDFB	comp=Z,3.4nm,0.7s,baz=283,slow=8.2,SNR=4.6					
SCHO	comp=Z,3.4nm,0.7s	46.60 16	LR	LR	22 35 24.3	
SCHO	Schefferville					
DLBC	Dease Lake	57.65 335	LR	LR	22 47 46.6	
SFJD	comp=Z,19.4s,baz=256,slow=36	61.05 15	LR	LR	22 44 54.8	
SFJD	Kangerlussuaq					
BCAR	comp=Z,54nm,19.4s,baz=207,slow=37	64.99 336	P	P	22 18 48.7	-0.1
ILAR	Beaver Creek A	67.76 336	P	P	22 19 05.0	-1.3
ILAR	Eielson Array					
ILAR	comp=Z,1.1nm,1.1s,baz=86,slow=3.8,SNR=4.7	67.76 336	P	P	22 19 05.0	-1.3
ILAR	comp=Z,1.1nm,1.1s	67.76 336	P	P	22 19 05.0	-1.3
NOA	NORSAR Array B	84.41 29	LR	LR	22 57 47.3	
HFS	comp=Z,9.8nm,18.1s,baz=300,slow=36	85.81 30	LR	LR	22 56 09.9	
HFS	Hagfors					
KSR5	comp=Z,1.8nm,19.8s,baz=60,slow=34	122.00 328	PKP	PKIKP	22 27 05.7	+1.7
KSR5	Korea Array					
HHC	comp=Z,1.3nm,0.6s,baz=229,slow=1.8,SNR=5.8	125.85 343	PKP	PKP	22 27 06.3	-5.0
HHC	Hu-hao-te					
NJ2	comp=Z,1.3nm,0.6s,baz=229,slow=1.8,SNR=5.8	130.82 331	eP	PKIKP	22 27 21.8	+0.1
NJ2	Nanjing					
LZH	comp=Z,8.0nm,0.6s	132.26 348	eP	PKP	22 27 20.0	-3.7
LZH	Lanzhou					
LZH						
LZH						
WRA	comp=Z,18nm,1.3s	139.49 252	PKP	PKIKP	22 27 39.6	-0.1
WRA	Warramunga Arr					
CMAR	comp=Z,0.3nm,0.9s,baz=94,slow=2.7,SNR=1.7	150.34 349	PKP	PKIKP	22 28 02.1	+0.1
CMAR	Chiang Mai Arr					
CMAR	comp=Z,0.4nm,0.3s,baz=322,slow=2.6,SNR=7.8	150.34 349	PKP	PKIKP	22 28 02.1	+0.1
CMAR	Chiang Mai Arr					

NEIC 15 22:31:46.67:00N:157:48W,h10km
 NEIC 15 22:31:45.6:1.5,66:98N:0:02:157:62W:0:07:h10km,1km,
 ML3.6/18,Mwr3/30,ML3.4(AEIC),Error ellipse:
 s-maj=4.6km s-min=3.0km az=87.0,Moment Tensor:
 Solution - Moment Scale=Scale 10¹⁴Nm; Mrr:0.40;
 Mθθ:1.17; Mφφ:0.77; Mrr:0.75; Mθθ:2.00; Mφφ:0.13; Fault
 plane solution: M2:37000x10¹⁴ Np1:φ281.88000°;
 δ86,25000°;λ160,24000°. NP2:φ13,23000°;λ70,29000°;
 δ33,99000°. Principal axes: T 2.1708, P177.0000°;
 Azm236.0000°; N 0.3578, P170.0000°; Azm92.0000°;
 -2.5286, P1g11.0000°; Azm329.0000°; Northern Alaska

Code	Station Name	Δ°	AZ°	Op	ISC	h	m	s	ISC
F19K	Shalercuk Mo	0.16	203	Pg	Pg	22	31	50.2	+1.1
F19K				Sg	Sg	22	31	50.3	+1.5
F19K				IAML	IAML	22	31	53.3	
E19K	comp=N,14um,0.4s	0.51	17	Pg	Pg	22	31	54.7	-0.7
E19K	Redstone River			Sg	Sg	22	32	06.6	-1.5
F20K	Avaraut Lake	0.75	84	Pg	Pg	22	31	59.2	-0.8
G19K	Purcell Mounta	0.86	165	Pg	Pg	22	32	02.3	0.0
G19K				Sg	Sg	22	32	14.3	0.0
F18K	Selawik	0.89	246	Pg	Pg	22	32	02.7	-0.1
F18K				Sb	Sb	22	32	16.0	+1.0
G18K	Tagagawik	1.16	201	Pg	Pg	22	32	07.3	-0.5
G18K				Sg	Sg	22	32	22.3	-0.6
G18K				IAML	IAML	22	32	25.9	
G18K	comp=E,1um,0.4s					22	32	26.4	
E18K	comp=N,998nm,0.6s	1.25	292	Pn	Pn	22	32	09.0	0.0
E18K	Tukpahleirik C			Sn	Sn	22	32	26.1	+0.2
E18K				IAML	IAML	22	32	28.4	
E20K	Tukpahleirik C	1.25	292	Pn	Pn	22	32	26.1	+0.2
E19K				IAML	IAML	22	32	28.4	
E20K	Nigu River	1.40	22	Pn	Pn	22	32	11.0	-0.2
D19K	Kuna River	1.54	353	Pn	Pn	22	32	14.0	-0.2
D19K	Kuna River	1.54	353	Pn	Pn	22	32	34.0	+0.4
D19K	Kuna River	1.54	353	Pn	Pn	22	32	37.0	
D19K	comp=E,810nm,0.8s			IAML	IAML	22	32	38.9	
D19K	comp=N,765nm,0.7s			IAML	IAML	22	32	37.3	
F17K	Baldwin Pennin	1.54	251	Pn	Pn	22	32	13.0	-0.1
F17K				Pb	Pb	22	32	13.1	-0.9
F21K	Alatna River	1.64	79	Pn	Pn	22	32	14.3	+0.4
F21K				IAML	IAML	22	32	39.1	
F21K	comp=E,966nm,0.7s			IAML	IAML	22	32	39.4	
F21K	comp=N,902nm,0.7s					22	32	36.7	+0.2
F21K	Alatna River	1.64	79	Pn	Pn	22	32	14.3	+0.2
G21K	Khanom Inlet	1.65	276	Pn	Pn	22	32	15.1	+0.5
G21K	Allakaket	1.70	104	Pn	Pn	22	32	15.1	+0.5
G21K	Allakaket	1.70	104	Pn	Pn	22	32	38.1	-0.1
G21K	Allakaket	1.70	104						

Table with columns: ICAO, Name, Frequency, Mode, Class, Power, Azimuth, Elevation, etc. Includes stations like Yerezinno-Bor, Obninsk, and various regional stations.

Table with columns: ICAO, Name, Frequency, Mode, Class, Power, Azimuth, Elevation, etc. Includes stations like Obninsk, Kziot, and various regional stations.

Table with columns: ICAO, Name, Frequency, Mode, Class, Power, Azimuth, Elevation, etc. Includes stations like Carcaliu, Vladaesti, and various regional stations.

Table with columns: Call sign, Frequency, Mode, Power, and other parameters. Includes stations like FINES, FINESS, CJR, BMR, MPEP, etc.

Table with columns: Call sign, Frequency, Mode, Power, and other parameters. Includes stations like PDG, Podgorica, MORH, DRMC, etc.

Table with columns: Call sign, Frequency, Mode, Power, and other parameters. Includes stations like HFS, HFS Hagfors, SOKA, PETK, etc.

15d 23h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Alice Springs, Alice Springs, Alice Springs, etc.

2020 SEP

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Chandalar, EVO, EVO, EVO, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like RIDG, GHO, GHO, F31M, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Villa Florida, Olavalo, La Paz, LPaz, and La Paz.

IDC 15 23:38:05.61.1, 34.49N:25.04E, h0km, mb3.6/8, mbtmp3.5/11, ML3.9/2, Error ellipse: s-maj=26.7km s-min=17.4km az=167.0

ATH 15 23:38:06.7, 34.12N:25.14E, h7km, 2km, ML3.2/7, Latitude uncertainty: 1 km; Longitude uncertainty: 1 km

ISK 15 23:38:08.3, 34.23N:25.08E, h85km, ML2.8/8

THE 15 23:38:09.6, 34.19N:25.15E, h0km, 6km, M2.9/7, MLh2.9/7

ISC 15 23:38:09.9, 1.7, 34.20N:0.07:25.12E:0.03, h13km, gkm, n52, c1534/67, mb3.5/7, Crete

Main table listing stations and their details. Columns include Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Lists numerous stations like Sivas, Gavdhos, Anoyia, Agios Nikolaos, etc.

IDC 16 00:06:44.7, 2.4, 29.72Sx176.34W, h0km, mb3.8/2, mbtmp3.8/2, MS4.0/1, Error ellipse: s-maj=46.2km s-min=32.1km az=20.0, Kermadec Islands region

Table listing stations for the IDC 16 00:06:44.7 event. Columns include Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Raoul Island, ASAR, WRA, FINES, etc.

WEL 16 00:06:01.8, 0.6, 33.34x17.8W, h33km, M5.0/19, mB5.5/13, ML4.9/22, MLV5.1/19, Mw(mB)4.9/13, Error ellipse: s-maj=11.5km s-min=2.8km az=109.0, confirmed

IDC 16 00:26:07.2, 3.5, 32.60S:178.81W, h52km, 31km, mb3.9/3, mbtmp4.3/4, ML5.4/2, Error ellipse: s-maj=29.7km s-min=21.4km az=115.0

NOU 16 00:27:14.5, 37.82S:178.32E, h4km, MLV3.1/6, Off E, Coast of N. Island, N.Z.

ISC 16 00:26:01.9, 0.8, 33.01S:0.05:178.1W:0.1, h34km, n91, c209/112, mb4.4/10, 4C, South of Kermadec Islands

Main table listing stations and their details. Columns include Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Lists numerous stations like Green Lake, Raoul Island, Matakaoa Point, etc.

1.0nm, 0.3s, baz=170, slow=14, SNR=4.1 13nm, 0.8s

MSVF Nonsavu 15.60 346 AML AML Pn 00 29 36.5 -2.9

ASAR Alice Springs 42.97 270 P P 00 33 56.4 -1.5

ASAR Alice Springs 42.97 270 P P 00 33 55.0 -2.9

ASAR Alice Springs 42.97 270 P P 00 33 55.0 -2.9

ASAR Alice Springs 42.97 270 P P 00 33 55.0 -2.9

ASAR Alice Springs 42.97 270 P P 00 33 55.0 -2.9

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ASAR Alice Springs 42.97 270 P P 00 33 55.0 -2.9

ASAR Alice Springs 42.97 270 P P 00 33 55.0 -2.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Punghina, Balsha, Djerdap, Herceg Novi, Vrsac, Vitosh, Halanga-Turnu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FETA, Feichten, SATY, KURS, KPKS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Mahia Peninsula, Paritu Road, Cape Kidnapper, Kokohu, Pawanui, Kahuranaki, etc.

NOU 16 00:48:32.0, 40.41'S; 179:36E, h28km, MLv4.29, Off E.
Coast of N. Island, N.Z.
WEL 16 00:46:37.2, 0.8, 40.5'S; 179:05E, h12km, M3.6/28, MLv3.6/29, MLv3.6/28, Error ellipse: s-maj=7.5km s-min=4.9km az=125.2, confirmed

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TLZ, BHW, SNZO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FUSB, LATG, LATG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like comp=Z,1.3nm,0.7s, ASAJ, JKA, etc.

AEIC 16:00:51.48:3.0,9.51:33N:0.05:176.00W:0.06,h30km,6km, Error ellipse: s-maj=7.5km s-min=5.0km az=158.0

NEIC 16:00:51.48:0.9,5.13:33N:0.05:176.00W:0.06, h26km,10km,mb3.8/17,ML3.7/12,ML3.3(AE), Error ellipse: s-maj=8.0km s-min=5.0km az=159.0,Andreanof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ETKA, ETKA, IGITIN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SSSL, SSSL, SMLT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like comp=Z,1.9nm,0.8s, comp=Z,1.9nm,0.8s, etc.

NIED 16:00:58:16.8,31.45N:128.70E,h7km,MW4.5,Moment Tensor Solution, s3 Moment tensor: Scale 10^19Nm; Mn-4.85; Mw4.14; Mw0.70; Mo-1.11; Mw5.27; Mw-2.82; Fault plane solution: Mw7.32000x10^15 NPI; q=262.0000; s41.00000; r=47.00000; NP2:ps31.00000; s121.00000; r=121.00000

JMA 16:00:58:16.8,0.3,31.5N:0.6:128.7E:0.7,h7km,2km, MD4.3/34,MV4.5/34,SW OFF KYUSHU

JMA Felt J1 at SW OFF KYUSHU

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JMA Felt J1, JMA Felt J1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JMA Felt J1, JMA Felt J1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JMA Felt J1, JMA Felt J1, etc.

ISC 16:00:58:19.6,0.5,31.42N:0.05:128.80E:0.06,h10km,n107, c=33/69,mb3.9/28,MS4.0/43, Northwest of Ryukyu Islands

ISC 16:00:58:19.6,0.5,31.42N:0.05:128.80E:0.06,h10km,n107, c=33/69,mb3.9/28,MS4.0/43, Northwest of Ryukyu Islands

ISC 16:00:58:19.6,0.5,31.42N:0.05:128.80E:0.06,h10km,n107, c=33/69,mb3.9/28,MS4.0/43, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az', Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az', Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az', Phase ID, Time, Res.

TAP 16:00:52:30.5,24.58N:122.60E,h99km,ML2.5,C JMA 16:00:52:31.6,0.2,24.N:1.1:122.6E:0.4,h89km,1km, MV1.9/9,NW OFF ISHIGAKIJA IS

ISC 16:00:52:31.7:1.6,24.56N:0.06:122.57E:0.03,h90km,9km, n39,c090/69,Taiwan region

ISC 16:00:52:31.7:1.6,24.56N:0.06:122.57E:0.03,h90km,9km, n39,c090/69,Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az', Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az', Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az', Phase ID, Time, Res.

NEIC 16 01:26:45.7 1.6, 54.1°N, 101.06:159.48W, 0.09, h23km, 6km, mb3.6/10, ML3.5/24, ML1.1(AEIC). Error ellipse: s-maj=9, 1km s-min=6.7km az=145.0

AEIC 16 01:26:46.5 2.2, 54.1°N, 101.04:159.54W, 0.09, h23km, 6km, Error ellipse: s-maj=8.2km s-min=5.4km az=108.0

ISC 16 01:26:46.6 1.1, 54.09N, 100.85:159.46W, 0.05, h35km, n81, c=089/87, South of Alaska

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

OTT 16 02:07:44.1 ±0.1, 74.38N, 93.51W, h18km, MN3.5/6, 1C, 53km southeast from Resolute, Nu Boothia Ungava Seismic Zone, Queen Elizabeth Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations in the Queen Elizabeth Islands.

Table with columns: BLKN, Baker Lake, 10.15 186, PN, Sn, 02 10 05.7 -3.0, 02 11 56.5 -5.3, 02 12 03.2 1.1

IDC 16 02:34:21.4 ±7.7, 33.94S, 77.77E, h0km, mb3.8/6, mbtmp3.8/6, Error ellipse: s-maj=254.4km s-min=35.5km az=37.0

NEIC 16 02:34:22.2 ±1.1, 34.0S, 0.2:77.7E, 0.1, h10km, 2km, mb4.6/13, Error ellipse: s-maj=40.2km s-min=8.5km az=158.0

ISC 16 02:34:21.2 ±1.1, 34.1S, 0.3:77.7E, 0.2, h10km, n37, c=092/26, mb4.3/12, 1C, Mid-Indian Ridge

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations in the Mid-Indian Ridge region.

IDC 16 02:36:54.4 ±1.3, 33.97S, 77.72E, h0km, mb3.9/8, mbtmp3.9/8, MS3.8/22, Error ellipse: s-maj=45.7km s-min=26.5km az=54.0

NEIC 16 02:36:55.2 ±1.1, 34.0S, 0.1:77.7E, 0.2, h10km, 1km, mb4.6/20, Error ellipse: s-maj=23.2km s-min=21.1km az=150.0

ISC 16 02:36:55.3 ±0.6, 34.0S, 0.1:77.7E, 0.1, h10km, n64, c=089/35, mb4.4/17, MS3.9/22, Mid-Indian Ridge

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations in the Mid-Indian Ridge region.

Table with columns: VNSA, VNSA, 55.85 165, P, LR, 02 06 32.1 -0.3, 03 07 10.7

IDC 16 02:51:54.1 ±2.3, 3.03S, 131.19E, h0km, mb3.7/3, mbtmp3.7/5, ML3.7/2, Error ellipse: s-maj=107.4km s-min=23.8km az=79.0

DJA 16 02:52:00.0 ±0.3, 3.5S, 13.1E, h10km, M4.1/9, mb5.0/1, Error ellipse: s-maj=107.4km s-min=23.8km az=79.0

ISC 16 02:51:59.5 ±0.9, 3.61S, 0.008:130.63E, 0.08, h31km, n9, c=189/11, Seram

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations in the Seram region.

HEL 16 04:04:33.8 ±0.1, 65.80N, 24.68E, h0km, ML1.1, Suspected explosion, Finland

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations in the Suspected explosion, Finland region.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like KCP Kidapawan, DAV Davao City (W), SBUM Sibuan, etc.

CATAC 16 04:48:28.1±0.8, 14°N±9°2'W±1.1, h30km, 7km, M3/0.8, MLv3/0.8, Error ellipse: s-maj=18.1km s-min=6.2km az=23.9, confirmed

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like ESSG, SMCA, FG16, etc.

NEIC 16 04:49:41.6±0.6, 24°38'S±0°05', 179°9'E±0°2', h526km±10km, mb4.4/15, Error ellipse: s-maj=22.6km s-min=7.4km az=88.0

IDC 16 04:49:43.0±2.7, 24°13'S±1°7'N±1°7'N, h550km±30km, mb3.0/5, mbtm3.9/6, Error ellipse: s-maj=37.8km s-min=21.1km az=149.0

ISC 16 04:49:40.2±0.8, 24°33'S±0°11'N±1°7'N, h517km±n24, ±1°04/24, mb4.0/13, South of Fiji Islands

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like MSVF, QRZ, THZ, etc.

IDC 16 05:10:00.9±8.8, 4°89'S±145°79'E, h153km±91km, mb3.2/2, mbtm3.8/4, Error ellipse: s-maj=90.1km s-min=31.2km az=137.0, Near north coast of New Guinea

NEIC 16 05:55:56.4±2.0, 37°82'S±0°09', 179°22'E±0°06', h101km±2km, mb4.4/8, Error ellipse: s-maj=16.1km s-min=7.6km az=13.0

NOU 16 05:55:58.0±37°85'S±179°05'E, h0km, mb4.4/12, Off E Coast of N. Island

ML 16 05:56:02.9±1.0, 28°5'±17°9'E±1°25'N±3km, M4.0/13, WML4.1/13, MLv4.0/13, Error ellipse: s-maj=8.0km s-min=6.6km az=58.8, confirmed

ISC 16 05:55:58.2±1.9, 37°61'S±0°05', 179°14'E±0°08', h293km±10km, n180, ±1°66/197, mb4.2/27, Off east coast of North Island

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like ECLS, WMGZ, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like RUGZ, RUGZ, RUGZ, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC, Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like WCT Wildcat Mounta, MTPC Mountain Pass, 113A Michael Valley, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC, Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like LOHW Long Hollow, YHB Horse Butte, YMR Madison River, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC, Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like WCS Beigang Elemen, WCS EOSA, WCS EODS, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JNU Nakatsue, HILR Hailar Array B, MKAR Makanchi Array, etc.

IDC 16:07:03:20.6:2.0, 16:03S:177.93W, h457km, 16km, mb3.0/6, mbtmp3.9/8, Error ellipse: s-maj=29.0km s-min=24.5km

ISC 16:07:03:19.9:1.0, 16:03S:02:177.88W, h450km, n8, s=123.9, mb3.2/6, Fijil Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MSFV Nonsavu, DZM Mont Dzumac, URZ Urewera, etc.

TRN 16:07:24:52.7, 15:62N:61.29W, h18km, MD3.7, Near North-east coast of Dominica, Leeward Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like DWS Wesley, DSDZ La Diserade, etc.

LJU 16:07:49:14.7, 46:15N:14:07E, h0km, ML0.7, 3C, Suspected explosion, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CRNS Crni Vrh, JAVS Javornik, etc.

VIE 16:07:49:28.5:0.1, 47:48N:14:90E, h0km, mb1.2/4, ml1.5/6, Error ellipse: s-maj=1.4km s-min=0.8km az=173.0 4 km S of Erzberg Mining explosion, Austria

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SESA Seetaler Alpe, ARSA Arzberg, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like I66RU ZALESOVO INFRA, ZAAO Zalesovo Array, etc.

IDC 16:08:26:51.5:4.0, 20:27S:177.00W, h319km, 35km, mb3.0/4, mbtmp3.7/5, Error ellipse: s-maj=42.5km s-min=30.8km az=138.0, Fijil Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MSFV Nonsavu, ASAR Alice Springs, etc.

IGQ 16:08:32:12.8:1.0, 17:4N:8:07W, h10km, 3km, M3.7/8, Mjym3.7/8, ML4.0/7, MLV3.5/6, Ms(BB)3.6/7, RSNC 16:08:32:15.0:0.6, 01N:4:8'01W, h0km, M3.7, mB4.9, mb4.1, ML2.9, Mw(MB)4.2

ISC 16:08:32:14.9:2.0, 06:4N:05:80:18W, 010, h11km, 12km, n75, s=124.81, 13C-10D, Near coast of Ecuador

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AATC Ecuador-Atacama, ATON Ecuador-Tonsup, etc.

ISC 16:08:44:30.7:0.1, 22:43S:01:171.53E, h118km, MW5.7/166, Moment Tensor Solution. s153.c306; s166.c367; Duration: 1s8 Moment Tensor Scale 1017 Nm; Mr:1.25; Ms:2.36; Mw:1.11; Mw2:1.1; Mw3:2.47; Mw4:2.7; Mw5:2.8

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MARNC Mare, Loyalty, YATNC Mamie plateau, etc.

Presumed earthquake GCG 16:08:38:48.8:0.5, 14:83N:91:91W, h68km, 4km, MD3.6

Presumed earthquake ISC 16:08:38:43.7:2.2, 14:4N:01:192:14W, 009, h90km, 12km, n11, s=25.52, Near coast of Chiapas

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SMCA Catarina, RTAL Retalhuleu, etc.

BJI 16:08:44:27.2, 22:23S:171:73E, h110km, mB5.7/52, mB5.9/91

NEIC 16:08:44:28.7:2.3, 22:31S:0:08:171:59E, 0:07, h102km, 1km, mb5.7/54, Mw5.7/71, Mw5.7/57, Error ellipse: s-maj=13.0km s-min=10.9km az=168.0, Moment Tensor Solution. Moment Tensor Scale 1017 Nm; Mr:1.48; Mw:2.88; Mw:1.40; Mw:2.93; Mw:2.38; Fault plane solution: Mo:4.55000x1017 NP1:0.74, 320000; s77.67000; s50.92000; NP2:0.329, 58000; s40.68000; s160.87000; Principal axes: T 4.4941, Plg43.0000; Azm306.0000; N 0.1079, Plg38.0000; Azm84.0000; P -4.6020, Plg23.0000; Azm193.0000

NEIC 16:08:44:29.8:1.1, 22:33S:171:54E, h122km, 8km, mb5.3/31, ID: 16:08:44:29.8:1.1, 22:33S:171:54E, h122km, 8km, mb5.3/31, mbtmp5.7/37, MS4.4/47, Error ellipse: s-maj=9.0km s-min=8.2km az=167.0

MOS 16:08:44:29.4:1.1, 22:30S:171:54E, h125km, mb5.7/26, Error ellipse: s-maj=7.8km s-min=6.7km az=118.3

NEIC 16:08:44:29.3, 22:31S:171:55E, h107km, ID: 16:08:44:29.3, 22:31S:171:55E, h107km, mbtmp5.7/37, MS4.4/47, Error ellipse: s-maj=9.0km s-min=8.2km az=167.0

MOS 16:08:44:29.4:1.1, 22:30S:171:54E, h125km, mb5.7/26, Error ellipse: s-maj=7.8km s-min=6.7km az=118.3

NEIC 16:08:44:29.3, 22:31S:171:55E, h107km, ID: 16:08:44:29.3, 22:31S:171:55E, h107km, mbtmp5.7/37, MS4.4/47, Error ellipse: s-maj=9.0km s-min=8.2km az=167.0

GCMT 16:08:44:30.7:0.1, 22:43S:01:171.53E, h118km, MW5.7/166, Moment Tensor Solution. s153.c306; s166.c367; Duration: 1s8 Moment Tensor Scale 1017 Nm; Mr:1.25; Ms:2.36; Mw:1.11; Mw2:1.1; Mw3:2.47; Mw4:2.7; Mw5:2.8

ISC 16:08:44:30.7:0.1, 22:43S:01:171.53E, h118km, MW5.7/166, Moment Tensor Solution. s153.c306; s166.c367; Duration: 1s8 Moment Tensor Scale 1017 Nm; Mr:1.25; Ms:2.36; Mw:1.11; Mw2:1.1; Mw3:2.47; Mw4:2.7; Mw5:2.8

ISC 16:08:44:30.7:0.1, 22:43S:01:171.53E, h118km, MW5.7/166, Moment Tensor Solution. s153.c306; s166.c367; Duration: 1s8 Moment Tensor Scale 1017 Nm; Mr:1.25; Ms:2.36; Mw:1.11; Mw2:1.1; Mw3:2.47; Mw4:2.7; Mw5:2.8

ISC 16:08:44:30.7:0.1, 22:43S:01:171.53E, h118km, MW5.7/166, Moment Tensor Solution. s153.c306; s166.c367; Duration: 1s8 Moment Tensor Scale 1017 Nm; Mr:1.25; Ms:2.36; Mw:1.11; Mw2:1.1; Mw3:2.47; Mw4:2.7; Mw5:2.8

ISC 16:08:44:30.7:0.1, 22:43S:01:171.53E, h118km, MW5.7/166, Moment Tensor Solution. s153.c306; s166.c367; Duration: 1s8 Moment Tensor Scale 1017 Nm; Mr:1.25; Ms:2.36; Mw:1.11; Mw2:1.1; Mw3:2.47; Mw4:2.7; Mw5:2.8

ISC 16:08:44:30.7:0.1, 22:43S:01:171.53E, h118km, MW5.7/166, Moment Tensor Solution. s153.c306; s166.c367; Duration: 1s8 Moment Tensor Scale 1017 Nm; Mr:1.25; Ms:2.36; Mw:1.11; Mw2:1.1; Mw3:2.47; Mw4:2.7; Mw5:2.8

ISC 16:08:44:30.7:0.1, 22:43S:01:171.53E, h118km, MW5.7/166, Moment Tensor Solution. s153.c306; s166.c367; Duration: 1s8 Moment Tensor Scale 1017 Nm; Mr:1.25; Ms:2.36; Mw:1.11; Mw2:1.1; Mw3:2.47; Mw4:2.7; Mw5:2.8

ISC 16:08:44:30.7:0.1, 22:43S:01:171.53E, h118km, MW5.7/166, Moment Tensor Solution. s153.c306; s166.c367; Duration: 1s8 Moment Tensor Scale 1017 Nm; Mr:1.25; Ms:2.36; Mw:1.11; Mw2:1.1; Mw3:2.47; Mw4:2.7; Mw5:2.8

ISC 16:08:44:30.7:0.1, 22:43S:01:171.53E, h118km, MW5.7/166, Moment Tensor Solution. s153.c306; s166.c367; Duration: 1s8 Moment Tensor Scale 1017 Nm; Mr:1.25; Ms:2.36; Mw:1.11; Mw2:1.1; Mw3:2.47; Mw4:2.7; Mw5:2.8

ISC 16:08:44:30.7:0.1, 22:43S:01:171.53E, h118km, MW5.7/166, Moment Tensor Solution. s153.c306; s166.c367; Duration: 1s8 Moment Tensor Scale 1017 Nm; Mr:1.25; Ms:2.36; Mw:1.11; Mw2:1.1; Mw3:2.47; Mw4:2.7; Mw5:2.8

ISC 16:08:44:30.7:0.1, 22:43S:01:171.53E, h118km, MW5.7/166, Moment Tensor Solution. s153.c306; s166.c367; Duration: 1s8 Moment Tensor Scale 1017 Nm; Mr:1.25; Ms:2.36; Mw:1.11; Mw2:1.1; Mw3:2.47; Mw4:2.7; Mw5:2.8

ISC 16:08:44:30.7:0.1, 22:43S:01:171.53E, h118km, MW5.7/166, Moment Tensor Solution. s153.c306; s166.c367; Duration: 1s8 Moment Tensor Scale 1017 Nm; Mr:1.25; Ms:2.36; Mw:1.11; Mw2:1.1; Mw3:2.47; Mw4:2.7; Mw5:2.8

ISC 16:08:44:30.7:0.1, 22:43S:01:171.53E, h118km, MW5.7/166, Moment Tensor Solution. s153.c306; s166.c367; Duration: 1s8 Moment Tensor Scale 1017 Nm; Mr:1.25; Ms:2.36; Mw:1.11; Mw2:1.1; Mw3:2.47; Mw4:2.7; Mw5:2.8

ISC 16:08:44:30.7:0.1, 22:43S:01:171.53E, h118km, MW5.7/166, Moment Tensor Solution. s153.c306; s166.c367; Duration: 1s8 Moment Tensor Scale 1017 Nm; Mr:1.25; Ms:2.36; Mw:1.11; Mw2:1.1; Mw3:2.47; Mw4:2.7; Mw5:2.8

ISC 16:08:44:30.7:0.1, 22:43S:01:171.53E, h118km, MW5.7/166, Moment Tensor Solution. s153.c306; s166.c367; Duration: 1s8 Moment Tensor Scale 1017 Nm; Mr:1.25; Ms:2.36; Mw:1.11; Mw2:1.1; Mw3:2.47; Mw4:2.7; Mw5:2.8

ISC 16:08:44:30.7:0.1, 22:43S:01:171.53E, h118km, MW5.7/166, Moment Tensor Solution. s153.c306; s166.c367; Duration: 1s8 Moment Tensor Scale 1017 Nm; Mr:1.25; Ms:2.36; Mw:1.11; Mw2:1.1; Mw3:2.47; Mw4:2.7; Mw5:2.8

ISC 16:08:44:30.7:0.1, 22:43S:01:171.53E, h118km, MW5.7/166, Moment Tensor Solution. s153.c306; s166.c367; Duration: 1s8 Moment Tensor Scale 1017 Nm; Mr:1.25; Ms:2.36; Mw:1.11; Mw2:1.1; Mw3:2.47; Mw4:2.7; Mw5:2.8

ISC 16:08:44:30.7:0.1, 22:43S:01:171.53E, h118km, MW5.7/166, Moment Tensor Solution. s153.c306; s166.c367; Duration: 1s8 Moment Tensor Scale 1017 Nm; Mr:1.25; Ms:2.36; Mw:1.11; Mw2:1.1; Mw3:2.47; Mw4:2.7; Mw5:2.8

ISC 16:08:44:30.7:0.1, 22:43S:01:171.53E, h118km, MW5.7/166, Moment Tensor Solution. s153.c306; s166.c367; Duration: 1s8 Moment Tensor Scale 1017 Nm; Mr:1.25; Ms:2.36; Mw:1.11; Mw2:1.1; Mw3:2.47; Mw4:2.7; Mw5:2.8

ISC 16:08:44:30.7:0.1, 22:43S:01:171.53E, h118km, MW5.7/166, Moment Tensor Solution. s153.c306; s166.c367; Duration: 1s8 Moment Tensor Scale 1017 Nm; Mr:1.25; Ms:2.36; Mw:1.11; Mw2:1.1; Mw3:2.47; Mw4:2.7; Mw5:2.8

ISC 16:08:44:30.7:0.1, 22:43S:01:171.53E, h118km, MW5.7/166, Moment Tensor Solution. s153.c306; s166.c367; Duration: 1s8 Moment Tensor Scale 1017 Nm; Mr:1.25; Ms:2.36; Mw:1.11; Mw2:1.1; Mw3:2.47; Mw4:2.7; Mw5:2.8

ISC 16:08:44:30.7:0.1, 22:43S:01:171.53E, h118km, MW5.7/166, Moment Tensor Solution. s153.c306; s166.c367; Duration: 1s8 Moment Tensor Scale 1017 Nm; Mr:1.25; Ms:2.36; Mw:1.11; Mw2:1.1; Mw3:2.47; Mw4:2.7; Mw5:2.8

ISC 16:08:44:30.7:0.1, 22:43S:01:171.53E, h118km, MW5.7/166, Moment Tensor Solution. s153.c306; s166.c367; Duration: 1s8 Moment Tensor Scale 1017 Nm; Mr:1.25; Ms:2.36; Mw:1.11; Mw2:1.1; Mw3:2.47; Mw4:2.7; Mw5:2.8

ISC 16:08:44:30.7:0.1, 22:43S:01:171.53E, h118km, MW5.7/166, Moment Tensor Solution. s153.c306; s166.c367; Duration: 1s8 Moment Tensor Scale 1017 Nm; Mr:1.25; Ms:2.36; Mw:1.11; Mw2:1.1; Mw3:2.47; Mw4:2.7; Mw5:2.8

ISC 16:08:44:30.7:0.1, 22:43S:01:171.53E, h118km, MW5.7/166, Moment Tensor Solution. s153.c306; s166.c367; Duration: 1s8 Moment Tensor Scale 1017 Nm; Mr:1.25; Ms:2.36; Mw:1.11; Mw2:1.1; Mw3:2.47; Mw4:2.7; Mw5:2.8

ISC 16:08:44:30.7:0.1, 22:43S:01:171.53E, h118km, MW5.7/166, Moment Tensor Solution. s153.c306; s166.c367; Duration: 1s8 Moment Tensor Scale 1017 Nm; Mr:1.25; Ms:2.36; Mw:1.11; Mw2:1.1; Mw3:2.47; Mw4:2.7; Mw5:2.8

ISC 16:08:44:30.7:0.1, 22:43S:01:171.53E, h118km, MW5.7/166, Moment Tensor Solution. s153.c306; s166.c367; Duration: 1s8 Moment Tensor Scale 1017 Nm; Mr:1.25; Ms:2.36; Mw:1.11; Mw2:1.1; Mw3:2.47; Mw4:2.7; Mw5:2.8

ISC 16:08:44:30.7:0.1, 22:43S:01:171.53E, h118km, MW5.7/166, Moment Tensor Solution. s153.c306; s166.c367; Duration: 1s8 Moment Tensor Scale 1017 Nm; Mr:1.25; Ms:2.36; Mw:1.11; Mw2:1.1; Mw3:2.47; Mw4:2.7; Mw5:2.8

ISC 16:08:44:30.7:0.1, 22:43S:01:171.53E, h118km, MW5.7/166, Moment Tensor Solution. s153.c306; s166.c367; Duration: 1s8 Moment Tensor Scale 1017 Nm; Mr:1.25; Ms:2.36; Mw:1.11; Mw2:1.1; Mw3:2.47; Mw4:2.7; Mw5:2.8

MEX 16:08:38:46.7:0.5, 14:46N:92:13W, h83km, 9km, MD3.8

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other details. Includes entries like BORC Borrego Spring, J16K Anvik River, YUH Yuh Desert, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other details. Includes entries like DIV Divide, BERGSCM Berg Lake, BILL Biilbino, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other details. Includes entries like MXC Moxie City, RDOG Red Dog Mine, K24K Donnelly Dome, etc.

16d 10h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCAS Casmilho, PCBR Castelo Branco, PSARD Sardoal, etc.

ASRS 16 09:17:22.0±1.5, 53.74N; 91.05E, h0km, M3.5(MOS), The earthquakes of Russia in 2020. Obnisk, GS RAS, 2022.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZAAO Zalesovo Array, ZAAO 143nm, 0.8s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AAK Ala-Archa, AAK 1.4nm, 0.4s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DAV Davao City (W), JHU Hachijo jima 2, JNU Nakatsu, WRA Warramunga Arr, HNR Honiara, etc.

2020 SEP

Table with columns: MKAR Makanchi Array, KURBB Kurchatov Arr, BVAR Borovoye Array, ILAR Eielson Array, ARCES ARCES Array B, FINES FINES Array B.

NIED 16 10:14:27.2, 42.87N; 146.57E, h15km, MW3.6, Moment Tensor Solution. s3. Moment tensor: Scale 10^14 Nm; Mrr: 0.14; Mtt: -1.55; Mtt: 0.59; Mtt: -0.43; Mtt: 2.48; ...

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NEM2 Nemuro 2, NMR Nemuro-Hokkai, SHO Shikotan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKK Akkeshi, JAK JAK, JNSB Nemuroshibetsu, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YSS Yuzhno-Sakhali, YSS Yuzhno-Sakhali, YSS Yuzhno-Sakhali, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YSS Yuzhno-Sakhali, YSS Yuzhno-Sakhali, YSS Yuzhno-Sakhali, etc.

886

Table with columns: BORK Borovoye, ARTI Arti, ARTI Arti, ARTI Arti, RES Resolute Bay, FINES FINES Array B, OBN Obnisk, OBN Obnisk.

IDC 16 10:16:38.0±1.7, 41.7N; 126.71E, h0km, mb3.8/5, mbmp3.8/5, MS3.02. Error ellipse: s-maj=166.1km s-min=20.7km, az=65.0.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DDMP Don Marcelino, KCP Kidapawan, CDFOP Cateel, Davao, BIPH Bislig, etc.

CATAC 16 10:37:53.7±0.3, 10.2N; 8.47W, h4km, 2km, M4.6/23, ML4.6/23. Error ellipse: s-maj=5.5km s-min=2.9km, az=45.5, confirmed.

UPA 16 10:37:53.9±1.8, 10.22N; 83.40W, h10km, 146km, MW3.9, Presumed earthquake.

UCR 16 10:37:54.7±0.7, 10.02N; 83.55W, h16km, 2km, MW4.5, Fault plane solution: NP1: 0.81, 83000, 857.390000, 7.66, 040000. Presumed earthquake.

RSNC 16 10:37:57.9±2.6, 10.0N; 85.3W, h7km, 21km, ML3.2, ISC 16 10:37:55.1±0.8, 10.00N; 02.8356W±0.02, h18km, 4km, n136, c08/82/161, 30C-30C, Costa Rica.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IRES Siquires, RFLA Villa Bonita, RVLA Volcan, CVTR Volcan Turrial, etc.

Table with columns: Station Name, Time, Res, Pn, Pp, Pg, Pm, Pmax, Pmin, Pavg, Pstd, Pmax, Pmin, Pavg, Pstd. Includes stations like REZ Monterrey de S, TABAC Tabacon, VITO San Vito, etc.

Table with columns: Station Name, Time, Res, Pn, Pp, Pg, Pm, Pmax, Pmin, Pavg, Pstd. Includes stations like KURS Kuram, KURS Kuram, TDK Taldyqorghan, etc.

Table with columns: Station Name, Time, Res, Pn, Pp, Pg, Pm, Pmax, Pmin, Pavg, Pstd. Includes stations like HHC Kurchatov Arra, LZH Lanzhou, WMQ Urumqi, etc.

JMA 16 11:52:53.0, 0.24, 4N, 0.7x12.2E, h16km, 4km, MV2.9/10, TAIWAN REGION
TAP 16 11:52:54.4, 24.46N, 121.82E, h50km, ML3.6, B
ISC 16 11:52:55.1, 2.24, 46N, 0.02, 121.86E, 0.02, h48km, 4km, n173, 0120/306, 9C-10D, Taiwan

Table with columns: Code, Station Name, Time, Res, Pn, Pp, Pg, Pm, Pmax, Pmin, Pavg, Pstd. Includes stations like EWUT Wuta, ESAO Su ao, EAHA Aohua, etc.

SOME 16 11:10:18.5, 43.65N, 84.65E, h5km
NMC 16 11:10:25.6, 2.5, 43.39N, 84.24E, h0km, mb3.9, mpv3.7, Error ellipse: s-maj=20.3km s-min=10.6km az=140.0

Table with columns: Code, Station Name, Time, Res, Pn, Pp, Pg, Pm, Pmax, Pmin, Pavg, Pstd. Includes stations like KTMS Ketmen, DJR Jarkent, PDGK Podgornoye, etc.

DC 16 11:38:15.5, 0.7, 4.13S, 136.02E, h0km, mb4.2/9, mbmp4.2/13, ML4.1/4, Error ellipse: s-maj=32.7km s-min=14.3km az=80.0

Table with columns: Code, Station Name, Time, Res, Pn, Pp, Pg, Pm, Pmax, Pmin, Pavg, Pstd. Includes stations like BAKI Biak, MWPI Manokwari, FAKI Fak Fak, etc.

NEIC 16 11:38:17.2, 1.4, 4.26S, 0.05, 136.10E, 0.08, h10km, 1km, mb4.3/21, Error ellipse: s-maj=14.0km s-min=9.1km az=91.0

Table with columns: Code, Station Name, Time, Res, Pn, Pp, Pg, Pm, Pmax, Pmin, Pavg, Pstd. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns for station name, elevation, and coordinates. Includes stations like Zhudong, Kuangyinjishan, Zhuzhi, etc.

Table with columns for station name, elevation, and coordinates. Includes stations like Liugui, Yiju, Shinhua, etc.

Table with columns for station name, elevation, and coordinates. Includes stations like Santiago de los, Sosua Marina B, BANI, etc.

Table with columns: Station Name, Frequency, Mode, Class, Power, and other technical details. Includes stations like SABA, SMRT, GWJ, STH, LMCG, etc.

Table with columns: Station Name, Frequency, Mode, Class, Power, and other technical details. Includes stations like ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, etc.

Table with columns: Station Name, Frequency, Mode, Class, Power, and other technical details. Includes stations like FINES FINESS Array B, AKASG Main Array Be, PRT Papeete, etc.

Table with columns: ARTI, Arti, 2075, 26, P, 14 53 01.8 -0.3, 14 53 14.3, 14 53 01.8 +0.7, 14 53 05.8 -1.0, 14 53 05.2 -0.1, 15 03 45.8, 14 53 08.5 +3.2, 14 53 08.9 +3.7, 14 53 08.1 +2.5, 14 53 07.2 +1.6, 14 53 08.5 +2.9, 14 53 05.8 -0.2, 14 53 08.8 +2.8, 14 53 10.4 +4.4, 14 53 09.8 +2.7, 14 53 08.8 +2.7, 14 53 09.8 +2.7, 14 53 08.1 +0.7, 14 53 08.1 +0.7, 14 53 11.4 +3.2, 14 53 10.0 +1.5, 14 53 08.8 -0.6, 14 53 08.8 -0.6, 14 53 11.5 +0.6, 14 53 11.6 +0.6, 14 53 14.6 +3.4, 14 53 13.2 +1.9, 14 53 12.6 +0.8, 14 53 11.7 -0.2, 14 53 14.1 +1.4, 14 53 15.7 +3.1, 14 53 15.8 +3.1, 14 53 15.8 +3.1, 15 03 40.0, 15 02 43.8, 14 53 18.1 +4.7, 14 53 15.6 +2.2, 15 04 30.0, 14 53 16.7 +2.9, 14 53 16.6 +2.8, 14 53 16.6 +2.8, 14 53 17.9 +3.7, 14 53 15.6 +0.9, 14 53 14.9 +0.2, 14 53 19.4, 14 53 15.4 +0.7, 14 53 15.4 +0.7, 14 53 15.6 -0.2, 14 53 15.6 -0.2, 14 53 15.6 -0.2, 14 53 19.2 +3.4, 14 53 19.6 +3.7, 14 53 17.5 +1.1, 14 53 17.5 +1.1, 14 53 17.7 +1.3, 14 53 17.6 +1.1, 14 53 17.3 +0.9, 14 53 17.1 -0.1, 14 53 25.9, 14 53 18.0 +0.3, 14 53 18.2 0.0, 14 53 19.2 +1.0, 14 53 19.2 +0.9, 14 53 18.1 -0.3, 14 53 18.1 -0.3, 14 53 18.1 -0.3, 14 53 18.5 +0.1, 14 53 17.5 -0.9, 14 53 37.3, 14 53 21.6 +1.9, 14 53 13.8 -5.9, 14 53 22.1 +1.6, 14 53 21.8 +0.7, 14 53 21.9 +0.7, 14 53 22.8 +1.4, 14 53 23.1 +1.9, 14 57 33.2 +4.9, 15 04 20.0, 14 53 23.1 +1.9, 14 53 26.2 +4.6, 15 03 10.0, 14 53 20.9 -1.4, 14 53 23.0 +0.1, 14 53 55.7, 14 53 23.3 +0.1, 14 53 26.6 +3.5, 14 53 23.7 +0.5, 14 53 23.8 -0.4, 14 53 27.3 +2.5, 14 53 26.9 +2.1, 15 02 50.0, 14 53 24.4 -0.4, 14 53 27.4 +2.6, 14 53 27.8 +3.1

Table with columns: ABTA, Abfaltersbach, 23.02 300, epP, P, 14 53 28.1 +1.6, 14 53 27.6 +1.0, 14 53 27.7 +0.4, 14 53 27.7 +0.4, 14 53 31.0, 14 53 28.2 +0.6, 14 53 29.1 +1.0, 14 53 30.0, 14 53 34.5 +6.3, 14 53 39.8, 14 57 43.0 +3.0, 14 53 32.8 +2.0, 14 53 30.5 0.0, 14 53 31.8 +0.3, 14 53 31.8 +0.3, 14 53 31.8 +0.3, 14 53 30.5 +0.0, 14 53 35.8 +0.7, 14 53 37.6 +2.5, 14 53 35.3 +0.2, 14 53 37.3 -0.5, 14 53 40.6 +1.5, 14 54 07.3 +4.2, 14 54 10.0, 14 57 53.0 +1.6, 14 58 34.0 +3.6, 14 58 54.0, 15 01 00.0, 15 02 00.0, 15 04 00.0, 15 04 00.0, 14 53 37.6 +1.5, 14 53 39.1 +2.2, 14 53 39.0 +1.6, 14 53 37.2 -0.2, 14 53 57.1, 14 53 38.3 +0.6, 14 53 37.4 -0.4, 14 53 37.2 -1.2, 14 53 38.9 +0.1, 14 53 40.9 +1.7, 14 53 39.2 0.0, 14 53 40.1 -0.5, 14 53 40.1 -0.5, 14 53 40.9 -0.4, 14 53 43.1 -0.2, 14 53 42.9 -0.4, 15 04 31.5, 14 53 44.0 +0.7, 14 53 43.1 -0.2, 15 05 12.8, 15 05 20.9, 14 53 45.1 +1.0, 14 53 43.6 -0.5, 14 54 26.1, 14 53 47.3 -0.7, 14 53 45.3 +0.6, 14 53 47.1 +1.5, 14 53 49.5 +2.5, 14 53 47.8 0.0, 14 53 49.8 -0.2, 14 53 50.9 -0.2, 14 53 53.1 +1.7, 14 53 53.1 -0.7, 14 53 53.1 -0.7, 14 54 01.0, 14 53 56.1 +1.4, 14 54 02.8 +4.1, 14 53 56.5 +0.7, 14 53 56.5 +0.7, 14 53 59.3 -0.2, 14 54 00.5 +0.2, 15 05 17.1, 14 53 59.4 +3.8, 14 53 59.4 +3.8, 14 53 57.8 +1.8, 14 53 56.5 +0.7, 14 53 56.5 +0.7, 14 53 56.5 +0.7, 14 53 59.3 -0.2, 14 54 00.5 +0.2, 14 54 00.7 +0.2, 14 54 00.8 +0.2

Table with columns: MDOK, Medeo, 26.70 69, epP, P, 14 54 01.5 -0.7, 14 54 01.5 +0.7, 14 54 02.0 -0.3, 14 54 02.0 -0.3, 14 54 02.0 -0.3, 14 54 02.3 -0.5, 14 54 02.2 -0.5, 14 54 02.3 -0.5, 14 54 09.9 +0.8, 14 54 09.9 +0.8, 14 54 10.3 +0.5, 14 54 10.3 +0.5, 14 54 11.8 +0.5, 14 54 11.8 +0.5, 14 54 11.9 +0.5, 14 54 11.1 0.0, 15 06 38.7, 14 54 14.3 +0.5, 14 54 14.3 +0.5, 14 54 15.7 +1.1, 14 57 27.7 +0.1, 15 07 29.2, 14 54 14.9 +0.3, 14 54 16.2 +1.0, 14 54 16.0 +0.7, 14 54 15.7 +0.5, 14 54 17.8, 14 54 27.5 -0.3, 14 54 19.8 +3.2, 14 54 19.9 +3.2, 14 54 17.1 +0.4, 14 54 17.1 +0.4, 14 54 19.4, 14 54 14.5 -3.3, 14 54 20.0 -0.9, 14 54 21.4 0.0, 14 54 21.4 0.0, 14 54 53.3, 14 54 22.5 -1.2, 14 54 24.6 +0.4, 14 54 24.7 +0.5, 14 57 35.0, 14 54 24.1 -0.7, 14 54 27.1 -0.4, 14 54 31.0 -0.5, 14 54 31.0 -0.5, 14 54 33.7, 14 54 34.1 +0.7, 14 54 33.6 +0.2, 14 54 35.5, 14 54 34.5 +1.1, 15 08 44.7, 14 54 33.2 -0.2, 14 54 42.1 -2.9, 14 54 49.2 +0.6, 15 08 32.1, 14 54 48.1 -0.4, 14 55 26.7, 14 54 49.6 +0.7, 14 54 49.6 +0.7, 14 54 53.5 +0.1, 14 54 53.5 +0.1, 15 10 20.4, 14 55 04.9 +2.2, 14 55 05.0 +0.9, 14 55 07.0 -0.6, 14 55 12.1, 14 55 07.0 -0.6, 14 55 15.2 -1.9, 14 55 16.2 -0.8, 14 55 51.0, 14 55 37.9, 14 55 44.1 -1.2, 14 55 48.8, 14 55 45.8 -2.0, 15 15 51.7, 14 55 48.1 +0.4, 14 55 46.2 -1.5, 15 11 02.9, 14 55 56.8, 14 56 07.6 +7.0, 15 15 01.4, 15 13 35.4, 14 56 17.0 +1.1, 14 56 25.6 -2.0, 14 56 29.3 +0.4, 14 56 31.3 +1.1, 14 56 31.3 +1.1

Table of astronomical observations for 16d 14h, listing station codes (e.g., GTA2, SONM), station names, coordinates, and observation details.

Table of astronomical observations for 2020 SEP, listing station codes (e.g., E27K, SUR), station names, coordinates, and observation details.

Table of astronomical observations for 2020 SEP, listing station codes (e.g., ADAG, GSKC), station names, coordinates, and observation details.

GCMT 16 14:57:17.6, 2.2, 51.15N; 176.69W, h0km, mb3.67, m1w4.970, 3C-1D, Moment Tensor Solution...
EDM EDMONTON 85.98 345 P 15 01 01.1 -0.6
EDM EDMONTON 85.98 345 P 15 01 01.1 -0.6

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like FINES, NSS, MOL, DOB, NC303, MMAI, NB2, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like EDH, SMLT, SMLT, SMLT, SMLT, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like ANP, YMO8, YMO8, YMO8, YMO8, etc.

ISK 16 15:22:19.3, 38°67N-41°96E, h36km, ML2.3/8
AFAD 16 15:22:20.0, 38°72N-42°00E, h7km, 4km, ML2.6
ISC 16 15:22:20.1, 1, 38.72N, 0.03, 41.99E, 0.03, h13km, 12km, n19, c0567/24, Turkey

IDC 16 16:32:50.3, 1, 9.3109N, 92.43E, h0km, mb3.7/5, s-maj=229.1km s-min=20.0km az=57.0, Kizang

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like BLIS, MUMS, ADCV, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like WHP, TWGT, TWGT, TWGT, TWGT, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like MKAR, MKAR, MKAR, MKAR, MKAR, etc.

JMA 16 15:42:20.6, 0.1, 23°6N-0°5'12"E, h36km, 1km, MV3.4/18, TAIWAN REGION
TAP 16 15:42:21.5, 23°60N-121°56E, h31km, ML3.7, C
ISC 16 15:42:21.7, 0.8, 23°60N, 0.01, 121°58E, 0.02, h32km, 4km, n150, c087/260, 3C-100, Taiwan

IDC 16 15:14:53.0, 0.1, 14°95S, 179°82E, h0km, mb3.9/8, mbmp3.9/ML4.7/1, MS3.6/25, Error ellipse: s-maj=38.9km s-min=14.8km az=130.0
ISC 16 15:15:50.6, 0.9, 15.05S, 0.2, 179.9E, 0.2, h35km, n30, c141/10, mb3.9/8, MS3.6/21, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TEGC, HGSD, HGSD, SHUL, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TWE, WDJ, WDJ, WDJ, WDJ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like MSVF, MSVF, MSVF, MSVF, MSVF, etc.

16d 18h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like CMIG Matias Romero, BCIP Isla Barro Col, and many others.

2020 SEP

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like CCM Cathedral Cave, CCM Wyandotte Cave, and many others.

900

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like NEW Newport, D08A Wollman Farm, and many others.

Presumed earthquake
SSNC 16 18:21:51.3±1.1, 18.91N; 77.07W, h25km±10km, MD2.7, ML2.1, Presumed earthquake

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like STH, GWJ, MTDJ, etc.

IDC 16 18:24:06.9±3.8, 0.08S; 123.54E, h75km, 37km, mb3.5/10, mbtmp3.8/12, ML3.7/2, Error ellipse: s-maj=27.6km s-min=15.1km az=70.0

NEIC 16 18:24:10.0±1.6, 0.17S; 0.07x123.49E, 0.07, h106km, 8km, mb4.1/11, Error ellipse: s-maj=11.0km s-min=8.3km az=131.0

DJA 16 18:24:11.1±0.2, 0.2S; 2.12E, h64km, 8km, M4.4/37, mb4.8/3, mb4.5/12, ML4.4/37, Mw(MB)4.0/3

ISC 16 18:24:08.9±0.5, 0.16S; 0.05x123.55E, 0.06, h100km, n51, c152/50, mb4.0/14, Minahassa Peninsula, Sulawesi

Main table of seismic stations with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like GTOI, LUWI, AMPA, etc.

comp=Z,0.9nm,0.6s,baz=123,slow=6.9,SNR=6.4
KURK Kurchatov 63.39 330 P Iamb Iamb 18 34 26.7 -1.0

IDC 16 18:28:37.0±0.6, 0.50S; 112.41E, h0km, mb4.4/11, mbtmp4.4/12, ML1.7/1, MS3.7/15, Error ellipse: s-maj=31.6km s-min=14.2km az=108.0

ISC 16 18:28:38.4±0.6, 0.50S; 0.1x112.5E, 0.2, h10km, n32, c086/22, mb4.4/14, MS3.6/14, 5S, Southeast Indian Ridge

Table of seismic stations for the second event, including stations like H01W2, H01W1, H01W3, etc.

IDC 16 18:28:41.4±1.9, 6.08N; 121.60E, h0km, mb4.1/3, mbtmp4.1/3, MS3.5/4, Error ellipse: s-maj=243.3km s-min=26.1km az=62.0, Mindanao

Table of seismic stations for the third event, including stations like WRA, ASAR, STKA, etc.

JNB Noboribetsu 0.92 7 P Pn 19 05 15.2 ±0.6

Main table of seismic stations for the third event, including stations like JNST, JHST, JIWI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KKAR, ARTI, AB31, etc.

NOU 16 19:44:15.0, 10.85S: 161.54E, h15km, mb5.5/21, Solomon Islands
IDC 16 19:44:16.4, 2.10N, 161.55E, h7km, mb3.8/17, mbmp4.2/22, MS3.5/18, Error ellipse: s-maj=21.1km s-min=14.0km az=85.0
NEIC 16 19:44:16.5, 1.8, 10.73S: 0.09, 161.61E: 0.09, h82km, 7km, mb4.4/24, Error ellipse: s-maj=15.6km s-min=9.8km az=223.0

ISC 16 19:44:13.3, 0.4, 10.76S: 0.06, 161.57E: 0.05, h50km, n90, s=1985/67, mb4.3/27, MS3.6/15, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HURO, NGOA, HNR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PMVG, MSVF, CTA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRA, ASAR, H11S2, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MJAR, TNG, ASAJ, etc.

TRN 16 19:48:31.7, 10.26N: 62.09W, h14km, MD3.4, Gulf of Paria.

FUNV 16 19:48:32.6, 10.47N: 62.11W, h5km, MW3.2, Presumed earthquake

ISC 16 19:48:29.5, 3.6, 10.22N: 0.09, 62.05W: 0.06, h13km, 24km, n2, s=1985/19, Near coast of Venezuela

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DMDM, TRN, TRN, etc.

ISU 16 19:53:26.41, 33N, 70.89E, h26km
KRNET 16 19:53:27.3, 0.1, 41.18N: 70.99E, h11km, mb2.4
SOME 16 19:53:27.8, 41.32N: 70.93E, h10km
NNC 16 19:53:28.2, 3.1, 41.30N: 70.89E, h0km, mb2.7, mpv2.7, Error ellipse: s-maj=17.1km s-min=8.3km az=11.0
ISC 16 19:53:27.1, 1.2, 41.23N: 0.03, 70.80E: 0.03, h4km, 10km, n22, s=1906/41, 9C-8D, Klygystzan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TRKS, KSNs, CHMG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TSTA, ARSB, OSH, etc.

MAN 16 20:22:53.0, 5.49N: 126.149E, h57km, MS4.0
IDC 16 20:23:04.1, 2.5, 6.62N: 126.61E, h190km, 18km, mb3.1/6, mbmp3.6/6, Error ellipse: s-maj=160.8km s-min=12.7km az=67.0
ISC 16 20:22:54.4, 0.9, 5.65N: 107.12647E: 0.09, h100km, n16, s=214/21, mb3.6/6, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DDMP, GSPH, DAV, etc.

ASAR 16 20:23:04.1, 2.5, 6.62N: 126.61E, h190km, 18km, mb3.1/6, mbmp3.6/6, Error ellipse: s-maj=160.8km s-min=12.7km az=67.0

STKA 16 20:24:27.8, 1.7, 14.96N: 93.10W, h39km, 208km, MD4.1, ML4.1, Presumed earthquake

MEX 16 20:24:28.1, 1.0, 14.95N: 93.09W, h71km, 27km, MD4.3, Presumed earthquake

ISC 16 20:24:24.1, 4.1, 14.80N: 0.07, 93.27W: 0.05, h48km, 55km, n25, s=1988/45, Near coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like THIG, PATR, PAVE, etc.

THE 16 20:26:18.6, 35.2N: 2.4E, h11km, 2km, M3.0/7, ML3.0/7
ISK 16 20:26:18.2, 34.74N: 24.28E, h10km, ML2.7/7
ATH 16 20:26:20.0, 34.86N: 24.24E, h6km, 1km, ML2.8/8, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km
IDC 16 20:25:25.6, 1.7, 36.11N: 25.06E, h0km, mb3.5/4, mbmp3.5/4, Error ellipse: s-maj=343.9km s-min=28.0km az=140.0
ISC 16 20:26:19.4, 0.9, 34.82N: 0.05, 24.25E: 0.03, h16km, 6km, n44, s=1908/62, mb3.4/3, Crete

Table with columns: Code, Station Name, AML, Pn, S, IAML, Time, Res. Includes stations like TURUNC, CHIOS ISLAND, ANCIENT THERA, ODEMIS-IZMIR, THIRA ISLAND, etc.

MOS 16:21:31.05.9.0.9,37.30kn:71.66E,h119km,mb4.5/12,Error ellipse: s-maj=6.8km s-min=4.0km az=85.7

NEIC 16:21:31.07.1.1.2,37.29N:0.05:71.66E:0.09,h118km,8km,mb4.3/27,Error ellipse: s-maj=10.2km s-min=7.2km az=94.0

NNC 16:21:31.08.6.2.2,37.57N:71.10E,h42km,67km,mb4.5,mpv4.3,Error ellipse: s-maj=17.7km s-min=15.3km az=18.0

IDC 16:21:31:10.3:3.4,37.67N:71.49E,h120km,29km,mb3.6/18,mbmp4.0/24,MS3.9/2,Error ellipse: s-maj=24.5km s-min=12.9km az=10.0

ISC 16:21:31:06.3:0.4,37.28N:0.04:71.61E:0.04,h109km,n214,ip1555/235,mb4.1/37,21C-7D,Afghanistan-Hajikistan border region

Main table with columns: Code, Station Name, AML, Pn, S, IAML, Time, Res. Lists various stations and their coordinates.

Main table with columns: Code, Station Name, AML, Pn, S, IAML, Time, Res. Lists various stations and their coordinates.

Main table with columns: Code, Station Name, AML, Pn, S, IAML, Time, Res. Lists various stations and their coordinates.

DJA 16 21:49:52.8-0.3,5'S;2:10'E;h10km,M4.1/20,mB5.0/1,mb4.7/1,MLV3.0,MW(mB)4.3/1, Southern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include UBISI University, Be; UBISI Mannna; KSI Kapahiang; MASI Maura Aman, Be; LHSI Lahat; MDSI Maura Dua; KASI Kota Agung; SDSI Sungal Dareh; CGJI Cibinong; DSRI Dabo; TRSI Tarutung; SJI Sawahan.

IDC 16 22:04:17.5-0.7,15'10S;173.75W,h0km,mb3.8/9,mbmp3.9/10,ML4.3/1,MS3.4/4, Error ellipse: s-maj=33.6km s-min=16.9km az=140.0

NEIC 16 22:04:21.0-1.4,14'S;9.2-173.4W;0.1,h35km,2km,mb4.0/6, Error ellipse: s-maj=34.5km s-min=14.4km az=324.0

ISC 16 22:04:21.5-0.7,15S;0.1x173.4W;0.1,h30km,n28,g=201/20,mb3.8/10,MS3.6/3, Tonga Islands

Main seismic station table for the first section, listing stations like AFi Afiamalu, AFi 234nm,0.3s, etc., and their corresponding data.

IDC 16 22:39:58.9-3.3,34'78N;27.13E,h0km,mb3.6/4,mbmp3.6/7,ML2.7/3, Error ellipse: s-maj=102.9km s-min=24.3km az=165.0

ISK 16 22:40:01.1,35'02N;27.12E,h5km,ML3.1/1/4 AFAD 16 22:40:02.0,34'83N;27.05E,h35km,ML2.8 THE 16 22:40:04.2,35'N;29.2'7E,5.4,h1km,31km,M2.9/7,MLh2.9/7

ATH 16 22:40:04.5,35'14N;26.95E,h5km,ML2.9/7, Latitude uncertainty: 4 km; Longitude uncertainty: 3 km

ISC 16 22:40:01.1-1.5,34'38N;0.06-27.10E;0.03,h17km,9km,n64,c1505/79,mb3.6/4, Eastern Mediterranean Sea

Main seismic station table for the second section, listing stations like KARP Karpathos, ZKR Zakros, SITI Siteia, etc., and their corresponding data.

Main seismic station table for the third section, listing stations like DAT Datca, IDI Anoyia, SIVA Sivas, etc., and their corresponding data.

NEIC 16 22:41:30.5-1.2,41'87N;0.05-143'4E;0.1,h38km,6km,mb4.3/8, Error ellipse: s-maj=12.5km s-min=7.7km az=82.0

IDC 16 22:41:31.7-2.4,41'80N;143'55E,h56km,18km,mb3.6/15,mbmp3.8/19,ML3.3/3,MS3.2/5, Error ellipse: s-maj=20.8km s-min=14.3km az=108.0

JMA 16 22:41:31.0-1.1,41'8N;0.2-143'4E;0.4,h30km,1km,MV3.7/35, SE OFF ERIMOMISAKI

JMA Felt J1 at SE OFF ERIMOMISAKI

NIED 16 22:41:31.3,41'83N;143'41E,h30km,MW3.8,Moment Tensor Solution. 3 Moment tensor: Scale 10^14N; M1:3.94; M2:-3.11; M3:-0.84; M4:0.32; M5:-1.89; M6:4.37;

ISC 16 22:41:29.5-0.8,41'78N;0.06-143'53E;0.08,h36km,1km,n55,c1181/54,mb4.1/19,MS3.1/3,630k,Hokkaido region

Main seismic station table for the fourth section, listing stations like ERM Erimo, JEM Erimo, JTHR Tokachiroo, etc., and their corresponding data.

0.7nm,0.6s,baz=92,slow=10,SNR=3.1 LR LR 22 59 04.8

Main seismic station table for the fifth section, listing stations like H11N2 WAKE ISLAND Hy 29.59 131 T, H11N1 WAKE ISLAND Hy 29.60 131 T, etc., and their corresponding data.

HLW 16 22:43:45.9,24'25N;36'54E,h19km,21km,M12.7 SGS 16 22:43:50.6,24'39N;36'55E,h6km,M11.5

ISC 16 22:43:45.9,24'26N;0.07-36'41E;0.04,h10km,n18, c=81/10, Red Sea

Main seismic station table for the sixth section, listing stations like SUMJS Umluj, HAGS Hagol, UML17 Umluj, etc., and their corresponding data.

NEIC 16 22:44:24.7-0.9,19'35N;0.07-65'3W;0.04,h10km,2km,ML2.6/31,Md3.5/9(RSPR), Error ellipse: s-maj=12.9km s-min=4.6km az=26.0

RSPR 16 22:44:26.6,19'46N;65'63W,h30km,16km,Md3.5/9

ISC 16 22:44:24.2-0.5,9.19,19.4N;0.1x65'73W;0.08,h163km,n10km,n29,c045/46,9C-50, Puerto Rico region

Main seismic station table for the seventh section, listing stations like EMPR Esperanza - Ma, EMPR Esperanza - Ma, etc., and their corresponding data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YUK2, H2AK, PCA, YUK3, G21K, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HFS, HFS, RSPR, NEIC, ISC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YM01, YM08, Chenhua, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like Ala-Archa, Kashi, Arslanbob, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like Storozhevoye, Akhty, Akhty, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like Biaz, Tescani, Topolog, etc.

17d 1h

Table with columns: Station, Name, Time, Frequency, Mode, and other details. Includes stations like LNIG, SOR, BOTLY, RBALA, etc.

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Table with columns: Station, Name, Time, Frequency, Mode, and other details. Includes stations like TKL, HSG, SDV, SDV, etc.

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Table with columns: Station, Name, Time, Frequency, Mode, and other details. Includes stations like PDAR, PDAR, PDAR, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like Chrisman Ranch, Corvallis, La Paz, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like WRGLY, S31K, MT16, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like BSFB, LL02, PRP, etc.

17d 1h

Table with columns for station ID, name, frequency, and other details. Includes stations like Sierra Bellavi, Hualane, Hualone, etc.

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Table with columns for station ID, name, frequency, and other details. Includes stations like Itauba, SJMB, SBF, etc.

916

Table with columns for station ID, name, frequency, and other details. Includes stations like L61B, P38A, ALQ, ANMO, etc.

DCMP	DeCamp, Califo	84.43 322	Iamb	Iamb	01 45 59.3
MOD	Modoc Plateau	84.70 326	P	P	01 45 47.5 +1.0
MOD			Iamb	Iamb	01 46 00.1
J08A	Circle Bar Ran	84.95 328	P	P	01 45 48.5 +0.9
M03C	McCloud	85.14 324	P	Iamb	01 45 49.2 +0.7
KMRM	Mail Ridge	85.18 323	P	Iamb	01 45 49.6 +0.8
KMRM			Iamb	Iamb	01 46 03.2
PLID	Pearl Lake	86.20 330	P	P	01 45 49.5 +0.5
K05A	Summer Lake	85.61 326	P	P	01 45 52.1 +0.1
YBH	Yreka Blue Hor	85.77 324	P	P	01 45 49.2 +0.4
URZ	Urewera	86.40 327	LR	LR	02 17 29.5
PINE	Pine Mountain	86.44 327	P	Iamb	01 45 55.9 +0.8
PINE			Iamb	Iamb	01 45 57.7
G08A	Pilot Rock	86.66 329	P	P	01 45 56.7 +0.7
K02D	Willamette Mer	86.96 324	P	Iamb	01 45 58.6 +1.1
K02D			Iamb	Iamb	01 46 11.5
I05D	Terrebonne, OR	87.04 327	P	P	01 45 58.6 +0.7
I05D			Iamb	Iamb	01 46 11.7
WIFE	Three Sisters-	87.06 326	P	Iamb	01 45 58.9 +0.8
WIFE			Iamb	Iamb	01 46 00.5
NEW	Newport	88.19 332	LR	LR	02 21 40.0
G04A	Studebaker Rid	88.87 328	P	P	01 46 07.3 +0.7
STD			Iamb	Iamb	01 46 20.4
LON	Longmire	89.06 328	P	LR	01 46 07.3 -0.1
MDT	Midwell	89.23 321	LR	LR	02 25 44.1
PTEO	Sac Teonton	89.51 45	P	P	01 46 10.4 +0.8
PTEO			IAML	IAML	01 46 11.5
PCVE	Castro Verde	89.99 45	P	P	01 46 12.4 +0.5
MESJ	Messejana	90.01 45	P	Iamb	01 46 11.8 -0.2
MESJ			Iamb	Iamb	01 46 14.7
VAQO	Vaqueiros	90.05 46	P	P	01 46 12.5 +0.5
MCE	Montemor	90.37 44	P	P	01 46 13.8 +0.2
PARRA	Arraiolos	90.44 44	P	P	01 46 15.4 +0.1
PMTG	Montargil	90.79 44	P	P	01 46 15.8 +0.2
TAM	Tamanrasset	90.91 64	P	P	01 46 16.4 -0.4
PBAR	Barrancos	90.95 45	P	P	01 46 16.4 +0.1
ESDC	Sonseca Array	93.76 46	P	P	01 46 29.3 -0.1
ESDC			LR	LR	02 25 31.9
ASAR	Alice Springs	121.00 207	PKP	PKP	01 52 04.2 -1.4
ASAR			PKP	PKP	02 02 07.8 -0.4
WRA	Warramunga Arr	124.14 210	PKP	PKP	01 52 10.5 -1.1
WRA			PKP	PKP	02 01 56.2 +0.3
H1S2	WAKE ISLAND	Hy26.09 272	T	T	01 52 10.4 -1.2
H1S1	WAKE ISLAND	Hy26.10 272	T	T	04 10 58.5
H1S3	WAKE ISLAND	Hy26.11 272	T	T	04 11 00.2
H1N3	WAKE ISLAND	Hy26.41 273	T	T	04 11 24.1
H1N1	WAKE ISLAND	Hy26.43 273	T	T	04 11 31.5
H1N2	WAKE ISLAND	Hy26.43 273	T	T	04 11 28.4
KBZ	Khabaz	127.31 56	PKP	PKP	01 52 17.1 +0.3
SEY	Seymchan	136.97 332	PKP	PKP	01 52 35.1 +0.7
AKTO	Aktyubinsk	147.34 47	PKP	PKP	01 52 36.1 0.0
PETK	Petropavlovsk-	137.76 317	PKP	PKP	01 52 37.3 +1.0
BVAR	Borovoye Array	144.28 40	PKP	PKP	01 52 47.1 +0.8
YAK	Yakutsk	145.35 342	PKP	PKP	01 52 49.8 +0.2
YAK			PKP	PKP	01 52 50.0 +0.4
KK31	Karatay Array	147.34 56	PKP	PKP	01 52 53.4 +0.1
KKAR	Karatay Array	147.34 56	PKP	PKP	01 52 53.4 +0.1
BTk	Batken	148.00 62	PKP	PKP	01 52 54.6 -0.3
ARSB	Arslanbob	149.46 59	PKP	PKP	01 52 57.6 +0.4
ERKS	Erkin-Say	149.78 56	PKP	PKP	01 53 03.2 -0.2
KURB	Kurchatov Arra	149.87 39	PKP	PKP	01 52 57.9 +0.5
KURBB			PKP	PKP	01 53 02.5 +0.3
KURK	Kurchatov	150.11 74	PKP	PKP	01 52 57.2 -0.2
NIL	Nilore	150.11 74	PKP	PKP	01 52 58.6 +0.2
USP	Ospenovka	150.16 55	PKP	PKP	01 53 03.5 +0.3
AAK	Ala-Archa	150.31 56	PKP	PKP	01 53 04.2 +0.4
AAK			PKP	PKP	01 53 04.7 +0.1
AAK	Ala-Archa	150.31 56	PKP	PKP	01 53 03.8 0.0
CHMS	Chumysh	150.40 55	PKP	PKP	01 53 04.1 +0.2
KBK	Karagaybulak	150.63 56	P	PKP	01 53 05.2 -0.1
ZAA0	Zalesovo Array	150.88 29	PKP	PKP	01 52 58.4 -0.4
ZALV	Zalesovo Beam	150.88 29	PKP	PKP	01 52 59.6 +0.7
ZALV			PKP	PKP	01 53 04.8 +0.2
ZALV	Zalesovo Beam	150.88 29	PKP	PKP	01 52 58.8 -0.3
ZALV			PKP	PKP	01 53 04.5 0.0
TKM2	Tokmak 2	151.02 55	P	PKP	01 53 05.8 +0.2
ULHL	Ulhum	151.66 56	P	PKP	01 53 07.9 +0.4
KSH2	Kashi	151.76 63	PKP	PKP	01 53 07.6 -0.1
KSH2			PKP	PKP	01 53 16.5 +3.5
MKAR	Makanchi Arra	153.96 43	PKP	PKP	01 53 03.1 -0.6
MKAR			PKP	PKP	01 53 11.3 -0.4
MKAR	Makanchi Arra	153.96 43	PKP	PKP	01 53 03.3 -0.4
MKAR			PKP	PKP	01 53 11.7 -0.1
KLr	Kul'dur	154.09 323	PKP	PKP	01 53 03.5 -0.3
MJAR	Matsushiro Arr	154.39 292	PKP	PKP	01 53 04.5 -0.1
MJAR			PKP	PKP	01 53 13.7 +0.7
KSR5	Korea Array	162.28 299	PKP	PKP	01 53 14.3 +0.2
SONM	Songino Array	162.43 4	PKP	PKP	01 53 14.0 -0.1
SONM			PKP	PKP	01 53 13.7 -0.4
CMAR	Chiang Mai Arr	165.42 142	PKP	PKP	01 53 17.3 -0.3
CMAR			PKP	PKP	01 53 17.0 -0.6
HHC	Hu-ho-hao-te	169.16 347	ep	ep	01 53 20.0 +0.2
NJ2	Nanjing	170.89 284	ep	ep	01 53 22.8 +0.2
PZH	Panzhihua	173.04 121	PKP	PKP	01 53 23.3 +1.1
LZH	Lanzhou	173.10 32	ep	ep	01 53 21.8 -0.2

Mn-3.82; Mw-1.07; Mw4.89; Mw5.86; Mw-1.88; Mw5.61;
 Fault plane solution: M9.13000x1015 NP1;
 0.320,00000; 0.29,00000; -1.155,00000; NP2;
 0.210,00000; 0.79,00000; -1.65,00000;
 BUJ 17 01:37:51.5, 23.05N, 121.39E, h16km, mb4.5/8, mb4.4/32,
 ML4.6/9, Ms4.4/36, Ms7.4/32
 NEIC 17 01:37:52.0, 1.4, 23.05N, 121.39E, 0.05, h18km, 3km,
 mb4.6/52, Mw4.5/23, Error ellipse: s-maj=7.8km
 s-min=6.7km az=157.0, Moment Tensor Solution.
 Moment tensor: Scale 10¹⁵Nm; M4.30; Mw-0.01;
 Mw-4.29; Mw1.53; Mw5-1.69; Mw5-0.5; Fault plane
 solution: M07.01000x1015 NP1; 0.320,00000; 0.29,00000;
 -1.155,00000; NP2; 0.210,00000; 0.79,00000; -1.65,00000;
 Principal axes: T 6.7111, P1665.0000, Azm285.0000; N
 0.5699, P161.0000, Azm18.0000; P -2.7810, P1625.0000,
 Azm108.0000;
 NEIC 17 01:37:52.2, 23.07N, 121.35E, h14km
 ASIES 17 01:37:52.5, 23.05N, 121.33E, h17km, Mw4.5, Fault plane
 solution: NP1; 0.206,00000; 0.29,00000; -1.91,00000;
 NP2; 0.25,00000; 0.61,00000; -1.89,00000;
 TAP 17 01:37:52.1, 23.05N, 121.33E, h19km, ML5.0, C
 GFZ 17 01:37:52.0, 2.23 N, 3x12 1E, h10km, M4.8/15,
 mb4.0/15
 IDC 17 01:37:56.5, 3.3, 22.92N, 121.148E, h62km, 30km, mb4.0/31,
 mbmp4.3/33, ML3.9/2, MS4.0/18, Error ellipse:
 s-maj=17.1km s-min=9.7km az=70.0
 ISC 17 01:37:51.9, 0.5, 23.03N, 121.38E, 0.02, h18km, 2km,
 n461, 0.1913/586, mb4.5/36, MS4.1/24, 22C-40D, Taiwan

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
CHKT	Chengkung	0.07	347	Op	ISC	h m s ISC
CHKT					P	01 37 55.9 +0.6
EDH	Donghe	0.09	232	↑	Sg	01 37 55.9 +0.4
EDH					P	01 37 58.9 +1.0
CHKH	Chenggong	0.16	41	↑	Sg	01 37 56.9 +0.6
CHKH					P	01 38 00.5 +1.3
ECS	Chishang	0.16	294	↑	Sg	01 37 59.4 +0.2
EHW					P	01 38 00.7 +1.3
FULB	Fuli	0.19	343	↑	P	01 37 56.9 +0.2
FULB					ep	01 38 01.3 +1.3
FHD	Haiduan	0.20	306	↑	P	01 37 56.8 0.0
FHD					ep	01 38 00.5 +0.2
LONT	Longtan	0.26	242	↑	Sg	01 37 59.0 +0.1
LONT					ep	01 38 02.7 +0.6
ECBN	Changbin	0.29	12	ep	P	01 37 59.4 +0.8
ECBN					ep	01 38 04.5 +1.5
EYUL	Yuli	0.32	350	↑	P	01 37 59.1 0.0
EYUL					ep	01 38 04.4 +0.4
TWST	Taipei	0.33	346	↑	P	01 37 59.7 -0.2
TWST					ep	01 38 04.3 +0.1
TTN	Taitung	0.35	218	ep	P	01 38 00.2 +0.6
TTN					ep	01 38 06.4 +1.6
TWGB	Beinan	0.35	233	P	P	01 37 59.3 0.0
TWGB					ep	01 38 04.6 +0.3
TWGB	Beinan	0.35	233	↑	P	01 37 59.9 -0.2
TWGB					ep	01 38 06.4 +0.3
TWG	Pinlang	0.35	234	P	P	01 37 58.9 -0.5
TWG					Sg	01 38 04.1 -0.3
TWG	Pinlang	0.35	234	↑	P	01 37 59.1 -0.2
TWG					ep	01 38 04.5 +0.2
TWG	Pinlang	0.35	234	P	P	01 37 59.2 -0.2
LDUT	Ludao	0.36	167	P	P	01 38 00.4 +0.6
LDUT					ep	01 38 06.8 +1.6
YULI	Yuli	0.37	348	P	P	01 38 05.1 -0.3
YULI					ep	01 37 58.9 -0.7
YULB	Yuli	0.37	348	P	P	01 38 04.0 -0.9
YULB					ep	01 37 59.5 -0.1
YULB	Yuli	0.37	348	↑	P	01 38 04.9 -0.5
YULB					ep	01 37 59.6 -0.1
ELDTW	Lidau	0.37	295	↑	P	01 37 58.9 -0.9
ELDTW					ep	01 38 04.0 -1.0
HGSD	Ruisui	0.46	5	↑	P	01 38 01.6 +0.1
HGSD					ep	01 38 04.2 +0.2
EHHY	Wanrong	0.46	356	ep	P	01 38 07.9 -0.2
EHHY					ep	01 38 01.5 -0.1
EHY	Hungye	0.46	353	ep	P	01 38 07.7 -0.4
EHY					ep	01 38 02.5 -0.9
STHY	Taoyuan	0.58	284	↑	P	01 38 09.5 -1.5
STHY					ep	01 38 09.5 -1.5
ECL	Taimali	0.58	223	ep	P	01 38 09.7 -1.7
ECL					ep	01 38 03.4 -1.0
YUS	Yu-Shan	0.60	319	P	P	01 38 03.6 -0.5
YUS					ep	01 38 11.4 -0.9
SLGT	Liugui	0.62	267	ep	P	01 38 04.7 -0.5
SLGT					ep	01 38 04.3 -1.0
WARBT	Fenglin Townsh	0.69	0	P	P	01 38 04.3 -1.0
WARBT					ep	01 38 13.6 -0.8
TEGC	Jichi Village	0.69	12	ep	P	01 38 06.6 -0.1
TEGC					ep	01 38 17.7 +0.7
ALS	Alishan	0.71	312	↑	P	01 38 05.6 -0.5
ALS					ep	01 38 14.9 -0.7
SGST	Jiashian	0.74	274	↑	P	01 38 05.1 -1.1
SGST					ep	01 38 15.5 -0.5
WTP	Ta-pu	0.74	287	↑	P	01 38 05.9 -0.4

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Table with columns for station name, frequency, power, and other technical details. Includes stations like KNMB Chin-men Tao, QZHZ Quanzhou, MATB Ma-tsu, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LZDM comp=Z,1.7nm,0.3s, CN2 Changchun, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MDOK Medeo, SEM Sempalatinrk, KUUR Kuratov, etc.

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like BRTR, BR106, M2M9, LUBAR, etc.

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like DAVOX, BORG, VAE, EKA, ELK, MG03, etc.

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like KNRA, WBO, FITZ, WRAB, WRA, etc.

Table with columns: MKAR, Makanchi Array, 63.81 332, P, P, 02 54 08.9 +1.6, etc.

IDC 17 02:43:36.5:90.0,41.74N:-177.62E,h0km, Error ellipse: s-maj=262.6km s-min=7.7km az=157.0, North Pacific Ocean

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, H11N2 WAKE ISLAND Hy 23.76 206, etc.

CNRM 17 02:51:59.8,34.51N,16.12W,h10km
MDD 17 02:52:02.4,0.9,34.44N:16.05W,h0km,Mb4.3/7,
M_mb3.7/7,Error ellipse: s-maj=9.7km s-min=3.9km
az=113.0

INMG 17 02:52:06.9,1.1,34.50N:16.30W,h24km,ML2.6, Error ellipse: s-maj=7.2km s-min=1.7km az=118.0, #DIST_RANGE: LOCAL #IPMA_REGION: N Porto Santo (Madeira)

ISC 17 02:52:03.4,1.4,34.47N:0.08:16.17W,0.07,h35km,n66, r184/64,10C,Madeira Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, PMPST Porto Santo, M, 1.39 186, etc.

Table with columns: EVO, PARRA Arraiolos, 7.84 54, eP, Sn, 02 55 14.5, etc.

BJI 17 03:00:12.4,7.60N:37.00W,h10km,mb5.6/2,Ms5.5/12, Ms7.5/12

IPGP 17 03:00:15.0,7.98N:37.01W,h19km,Mw5.8, Fault plane solution: NP1:phi:1.0000,lambda:80.0000,lambda:13.0000

CATAC 17 03:00:16.0,0.4,8.7N:7.37W,h1km,M5.3/8,mb5.3/8, m85.7/6,Mw(mb)5.2/6,MwMwp5.4/4,Mwp5.6/4, Error ellipse: s-maj=14.9km s-min=11.2km az=174.3,confirmed

NEIC 17 03:00:17.4,7.89N:37.09W,h10km, IDC 17 03:00:18.4,0.4,7.69N:37.03W,h0km,mb4.8/35, mbmp4.8/36,ML4.7/1,Ms5.0/77, Error ellipse: s-maj=14.2km s-min=9.9km az=138.0

NEIC 17 03:00:18.3,1.9,7.78N:0.09:37.09W:0.09,h10km,1km, mb5.4/124,Ms_20.5/3623,Mwbs.7/119,Mwvs.7/58, Error ellipse: s-maj=16.1km s-min=13.6km az=145.0, Moment Tensor Solution. Moment tensor: Scale 10^17Nm, M=-0.27; Mw=0.17; Mw=0.17; Mw=0.17; Mw=3.83; Mw=1.07; Fault plane solution: M:3.99000x10^17 NP1: phi=270.01000,lambda:53.0000,lambda:179.33000, NP2:phi:0.18000, lambda:89.36000,lambda:15.47000. Principal axes: T:4.1416, Plg11.0000, Azm226.0000; N:-0.3308, Plg75.0000, Azm2.0000; P:-3.8108, Plg10.0000, Azm134.0000

NEIC 17 03:00:18.3,7.79N:37.10W,h10km, MOS 17 03:00:18.5,1.0,7.59N:36.92W,h10km,mb5.5/56, Ms4.9/12, Error ellipse: s-maj=7.7km s-min=3.5km az=53.2

GFZ 17 03:00:20.7,7.58N:37.00W,h13km,Mw5.7/59, Moment Tensor Solution. Moment tensor: Scale 10^17Nm, M=-0.31; Mw=0.24; Mw=0.55; Mw=0.66; Mw=3.84; Mw=1.50; Fault plane solution: M:4.20295x10^17 NP1: phi=274.60679,lambda:68.57772,lambda:171.39384, NP2:phi:181.44285,lambda:81.99245,lambda:21.64379. Principal axes: T:4.1279, Plg9.1930, Azm229.6988; N:-0.4163, Plg6.9893, Azm342.0989; P:-4.2742, Plg20.9017, Azm136.1554

GFZ 17 03:00:20.7,0.1,8.7N:2.37W,h10km,Ms5.2/187, mb5.2/187

INMG 17 03:00:20.3,7.67N:37.23W,h10km,mb5.2,Ms4.9, Mw5.3, #DIST_RANGE: LOCAL #IPMA_REGION: N Porto Santo (Madeira)

NEIC 17 03:00:24.8,7.69N:37.00W,h20km, Moment Tensor Solution. Duration: 388 Moment tensor: Scale 10^17Nm, M=-0.30; Mw=0.73; Mw=1.42; Mw=1.28; Mw=4.66; Mw=1.47; Fault plane solution: M:5.09000x10^17 NP1: phi=271.48000,lambda:67.02000,lambda:164.67000, NP2:phi:87.52000,lambda:15.51000. Principal axes: T:5.3044, Plg21.0000, Azm229.0000; N:-0.4574, Plg69.0000, Azm48.0000; P:-4.8469, Plg0.0000, Azm138.0000

GCMT 17 03:00:24.3,0.1,7.80N:0.01:37.14W,h18km,Mw5.8/169, Moment Tensor Solution. s145,c278; s169,c359; Duration: 199 Moment tensor: Scale 10^17Nm, M=-0.67; Mw=0.25; Mw=0.25; Mw=0.25; Mw=0.89; Mw=12; Mw=6.0; Mw=2.1; Mw=2.1; Mw=2.1. Best double couple: M:6.10500x10^17 NP1:phi:183.0000,lambda:81.0000, lambda:4.00000, NP2:phi:273.0000,lambda:86.0000, lambda:171.0000. Principal axes: T:6.3940, Plg4.0000, Azm48.0000; N:-0.5770, Plg80.0000, Azm296.0000; P:-5.8160, Plg9.0000, Azm138.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 17 03:00:20.9,0.2,7.69N:0.04:37.14W:0.04,h20km,1250, r1988/947,mb5.2/1413,Ms2.2/397,25C-42D,Central

Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, EVO, PARRA Arraiolos, 7.84 54, eP, Sn, 02 55 14.5, etc.

Table with columns: NBMO Morrinhos-Ce, 11.30 195, eP, Pn, 03 02 59.6 -1.7, etc.

Table with columns for station name, coordinates, elevation, and status. Includes stations like Sao Paulo, Fartura, Santo Domingo, and many others.

Table with columns for station name, coordinates, elevation, and status. Includes stations like Popayan, Castro Verde, Holguin, Mesjejana, and many others.

Table with columns for station name, coordinates, elevation, and status. Includes stations like PGAV, SALTA, AZU, TA01, and many others.

Table with columns: Station, Name, Frequency, Mode, Power, Azimuth, Elevation, Date, Time, and other parameters. Includes stations like U56A King, KM5C Kings Mountain, MAHO Matho, etc.

Table with columns: Station, Name, Frequency, Mode, Power, Azimuth, Elevation, Date, Time, and other parameters. Includes stations like SADO Sadowa, W50A Signal Mount, SSB Saint Sauveur, etc.

Table with columns: Station, Name, Frequency, Mode, Power, Azimuth, Elevation, Date, Time, and other parameters. Includes stations like SFIN Lafayette, RCHB Rochefort, RCHB Rochefort, etc.

17d 3h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like JMJC, BALY, MLR, etc.

2020 SEP

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like MNK, CSS, KKUL, etc.

924

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like RES, OBN, KMB, etc.

Table with columns: ARMA, MTN, DRN, INKA, MSVF, LHI, AS17, AUDCS, AS05, AS01, AS01, AS15, AS02, AS09, AS31, ASAR, ASAR, ASAR, CMSA, CMSA, CMSA, CMSA, MGCD, MGCD, MGCD, H11S3, H11S2, H11S1, KNRA, KNRA, KNRA, NLAI, STKA, STKA, STKA, STKA, H11N1, H11N2, H11N3, H11N2, SANI, SANI, SANI, CNB, CNB, CAN, CAN, SOEI, SOEI, SOEI, FITZ, FITZ, FITZ, FITZ, HTT, HTT, HTT, MILA, WRKA, WRKA, BBOO, BBOO, DAV, TOO, TOO, TOO, TOO, LRUW, LRUW, ARPS, ARPS, BRAT, EDFI, APSI, OUZ, OUZ, BSSI, WSI, LBF1, TOL2, TOL2, TOL2, KAPI, KAPI, KAPI, KAPI

Table with columns: SPSI, FORT, FORT, GLAD, MCSI, DBNI, TOZ, MOO, PLAI, PLAI, MBWA, MBWA, MBWA, MBWA, MBWA, MBWA, MUZ, MXZ, MXZ, MWZ, RAGZ, MTHZ, BKZ, BKZ, RAHZ, RIGZ, MRNZ, KNZ, PRGZ, PNHZ, TSZ, MHGZ, THZ, WPHZ, TCW, KHKI, BFZ, BFZ, PLWZ, KMBL, MEEK, MEEK, MEEK, MEEK, JAGI, JAGI, JAGI, JAGI, KKM, KKM, KKM, MLZ, JOW, JOW, GIRL, SNJI, KLBR, KLBR, KLBR, MORW, MORW, MORW, MORW, PCJI, SBUM, SBUM, SBUM, WOJI, NWAO, NWAO, UGM, YULB, YULB, YULB, MUN, MUN, MUN, NACB, NACB, TPUB, TPUB, SSSL, SSSL, JGF, JGF, YHNB, YHNB, YHNB, CTZ, CTZ, MJAR, MJAR, MJAR, MAJO, KPJI, CMJI, CMJI, BBJI, BBJI, BBJI, BBJI

Table with columns: QZHZ, CNJI, CGJI, TJN, TJN, KASI, KSRS, KSAR, KS19, MDSI, DSRI, INCN, INCN, QIZ, QIZ, QIZ, NJ2, NJ2, MYKOM, MYKOM, WHN, WHN, WHN, SRSI, SRSI, USRK, DL2, PDSI, PDSI, PPI, PPI, IPM, IPM, IPM, MDJ, MDJ, MNSI, SISI, TARI, CN2, CN2, CN2, RPSI, RPSI, ENH, ENH, ENH, LYN, LYN, LYN, SLVN, SLVN, SLVN, BNX, BNX, HNS, HNS, HNS, HNS, GSI, GSI, GSI, GSI, BJL2, BJL2, BJL2, BJL2, BJL2, XIAN, XIAN, PET, PET, PET, PET, PEAOB, PETK, PETK, KMI2, KMI2, KMI2, CMAR, CMAR, CMAR, CHTO, CHTO, CHTO, CHTO

17d 3h

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like CHIANG MAI, XINZHUA, XILINHAO, etc.

2020 SEP

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like K17K Iditarod, I17K Unalakleet, F15K Not Star Dir, etc.

928

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like C24K Franklin Bluff, TDK Talygourhan, BMAR Burrnt Mountain, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like BTk Batken, DZA Taraz, STD Studebaker 5S, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like VNA2 Neumayer-Watz, VNA2 Neumayer-Watz, VNA1 Neumayer-Stat, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like GANE Gareloi Northe, GANE Gareloi Lava P, GARELOI East, etc.

Technical data and notes including coordinates (IDC 17 03:29:25.9), magnetic variation (m3.8/21), and station identifiers (AEIC, NEIC, etc.).

Table with columns: STA, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TASMANIA UNIV, STEPHENS CREEK, BUCKLEBOO, WARRAMUNGA ARR, etc.

IDC 17 04:29:04.0 1.3, 28.57N:52.00E, h0km, mb3.9/8, mbtp3.8/9, ML3.3/1, Error ellipse: s-maj=36.0km, s-min=20.7km az=152.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DSBU, KAZZ, SHI, JHRM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NAZ, MASF, ASUD, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ASHO, KBAM, JASK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BRTR, BRTR, KKAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DBIC, DBIC, SCSO, etc.

KRSC 17 04:29:18.2 2.1, 58.94N:158.58E, h37km, 16km, M4.1, IDC 17 04:29:20.8 0.8, 58.66N:159.15E, h0km, mb3.6/7, mbtp3.6/10, ML4.0/2, MS2.8/1, Error ellipse: s-maj=21.7km s-min=14.5km az=169.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PALN, PALN, PALN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NAZ, MASF, ASUD, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ASHO, KBAM, JASK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BRTR, BRTR, KKAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PRP, MJAR, MJAR, etc.

IDC 17 04:56:05.3 0.7, 15.10S:173.81W, h0km, mb4.0/8, mbtp4.0/9, ML4.8/1, MS3.5/4, Error ellipse: s-maj=34.2km s-min=17.0km az=138.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AFI, AFI, AFI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WBO, WBO, WBO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA, WRA, WRA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ILAR, ILAR, ILAR, etc.

JMA 17 05:00:36.2 0.1, 36.5N:0.2-140.6E:0.4, h55km, MD4.3/40, MV4.4/40, NORTHERN IBARAKI PREF

17d 5h

Table with columns for station code, name, frequency, and other technical details. Includes stations like Hitachinakayama, Yasato, Shikohinouchi, etc.

2020 SEP

Table with columns for station code, name, frequency, and other technical details. Includes stations like XLT, PETK, HNS, HNS, HNS, etc.

932

Table with columns for station code, name, frequency, and other technical details. Includes stations like TARG, TARG, TARG, etc.

Table of astronomical observations for 2020 SEP, including columns for object name, coordinates, magnitude, and observation details.

Table of astronomical observations for 2020 SEP, including columns for object name, coordinates, magnitude, and observation details.

IDC 17 05:22:40.0-0.9, 8'18N, 141.70E, h0km, mb4.2/15, mbmp4.1/15, MS3.2/12, Error ellipse: s-maj=25.2km s-min=22.3km az=28.0

NEIC 17 05:22:42.1-1.0, 8'15N, 101.1417E, h10km, 1km, mb4.6/40, Error ellipse: s-maj=22.3km s-min=15.0km az=110.0

ISC 17 05:22:41.3-0.6, 8'13N, 109.1417E, h10km, n83, 0.6711/64, mb4.5/35, MS3.2/8, Western Caroline Islands

Table of astronomical observations for 2020 SEP, including columns for object name, coordinates, magnitude, and observation details.

Table of astronomical observations for 2020 SEP, including columns for object name, coordinates, magnitude, and observation details.

NOU 17 05:31:54.2, 41.45'S, 175.01'E, h1km, MLv3.6/15, North Island, New Zealand

WEL 17 05:31:55.0, 4.41' S, 2.7' W, h4km, 1km, M3.5/17, ML3.5/16, MLV3.5/17, Error ellipse: s-maj=2.9km s-min=2.2km az=67, confirmed

ISC 17 05:31:54.8-0.6, 41.405S, 102.174396E, 0.02, h11km, 5km, n103, r089/115, Cook Strait

Table of astronomical observations for 2020 SEP, including columns for object name, coordinates, magnitude, and observation details.

17d 6h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Tuamarina, Mangatoinaka R, Blackbirch Sta, Tintock, D'Urville Isla, etc.

IDC 17 05:50:49.1±2.1, 24:37S:67:79W, h118km, 19km, mb3.4/4, mbtmp3.7/8, Error ellipse: s-maj=20.4km s-min=15.9km

SJA 17 05:50:49.8±0.5, 24:38S:67:98W, h146km, 4km, MLL3.6, MW3.6

NEIC 17 05:50:49.8±1.5, 24:41S:0:05:67.98W, 0.05, h142km, 8km, mb4.3/16, MLL3.9(GUC), Error ellipse: s-maj=8.0km

GUC 17 05:50:50.0±0.7, 24:38S:68:19W, h168km, 7km, MLL3.9

ISC 17 05:50:49.3±0.7, 24:40S:0:03:67.99W, 0.04, h140km, 7km, n100, 155/127, mb4.2/19, 5C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like San Pedro de A, IPOC Station P, etc.

2020 SEP

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Maricunga, Maricunga, Maricunga, etc.

934

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Torodi Ar. Bea, Zalesovo Beam, Makanchi Array, etc.

IDC 17 06:11:33.4±0.6, 35:62N:94:50E, h0km, mb4.3/20, mbtmp4.3/27, MLL3.9/6, MS3.8/56, Error ellipse: s-maj=14.3km s-min=10.7km az=37.0

BUI 17 06:11:33.3±0.6, 35:62N:94:46E, h7km, mb4.8/9, mb4.5/26, MLL4.1/10, MS4.2/32, MS7.4/230

MOS 17 06:11:33.6±0.8, 35:67N:94:54E, h11km, mb4.8/22, Error ellipse: s-maj=6.7km s-min=3.9km az=124.7

NEIC 17 06:11:36.0±1.3, 35:69N:0:07:94.59E, 0.09, h10km, 1km, mb4.8/136, Error ellipse: s-maj=3.9km s-min=1.1km az=166.0

GFZ 17 06:11:35.3±0.2, 36N:2x9.5E, h10km, M4.5/27, mb4.6/27, confirmed

ISC 17 06:11:35.4±0.3, 35:67N:0:04:94.47E, 0.04, h10km, n383, 1517/330, mb4.7/121, MS3.9/58, 10C-11D, Qinghai

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Mont Dzumac, Urewera, Alice Springs, etc.

Table with columns: GOMU, AML, AML, Pn, Pn, 06 13 01.8 +2.0, etc. Includes rows for GT2A, LSA, LZDM, LZHM, LZHZ, etc.

Table with columns: NPW, Naypyitaw, 15.90 174, P, Pn, 06 15 18.7 -0.6, etc. Includes rows for BOOM, ZAK, KUUY, HNS, etc.

Table with columns: SNY, SNY, SNY, BVAR, BOROV, BOROV, CN2, etc. Includes rows for BOROV, CN2, BNX, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like PACA Pacayal, MAVM Malinalco, Edo, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like 121A Cookes Peak, D, 121A, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like LQP Lukban, LQP Tagaytay City, etc.

17d 10h

Table with columns: PDGX, Station Name, Azimuth, Phase, Time, Residual. Includes stations like KDJ Kajisay, KURS Kuram, MDOK Medeo, etc.

Table for Suspected explosion, Sweden. Columns: Code, Station Name, Azimuth, Phase, Time, Residual. Includes stations like LANU Lannavaara, HEF Hetta, etc.

Table for Confirmed Earthquake, Sweden. Columns: Code, Station Name, Azimuth, Phase, Time, Residual. Includes stations like ERTU Ertsjaerv, TOF Tornio, etc.

Table for Explosion KOLA. Columns: Code, Station Name, Azimuth, Phase, Time, Residual. Includes stations like RMF Romuvaara, RMF Kurvinen, etc.

2020 SEP

Main table for 2020 SEP. Columns: Station Name, Azimuth, Phase, Time, Residual. Includes stations like OUF, RNF, RNF, etc.

Table for SJA 17 10:02:55.0.6. Columns: Code, Station Name, Azimuth, Phase, Time, Residual. Includes stations like PB18, PB16, etc.

940

Table for 940. Columns: Station Name, Azimuth, Phase, Time, Residual. Includes stations like PSGCX, PB11, etc.

Table with columns for station call signs (e.g., HILR, HEH, HEH), frequencies, and various signal quality metrics (e.g., comp, SNR, S, P, M, L, R).

Table with columns for station call signs (e.g., PET, PET, PET), frequencies, and various signal quality metrics (e.g., comp, SNR, S, P, M, L, R).

Table with columns for station call signs (e.g., SGDS, ARSB, SHEM), frequencies, and various signal quality metrics (e.g., comp, SNR, S, P, M, L, R).

17d 10h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like EPHYK Eagle Plains, I30M Mount Dempster, G30M Aah Zhai Nji, etc.

2020 SEP

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ZVC Zvikov, CKRC Cesky Krumlov, CKRK Cesky Krumlov, etc.

946

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like DBIC comp=Z,5.7nm,0.7s,baz=5.4,slow=0.3,SNR=4.5, etc.

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
BOAV	Boa Vista	169.20 114	eP	PKPdf	10 52 10.0	-0.8
IDC 17 10:37:52.7-4.0, 18.055x178.39W, h611km, 218km, mb3.3/4, mbtmp4.2/5, Error ellipse: s-maj=28.8km s-min=25.3km az=155.0, Fiji Islands region						
Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
MSVF	Nonsavu	3.41 275	Op	ISC	h m s	ISC
					10 39 15.3	0.0
WRA	Warramunga Arr	44.62 260	P		10 45 12.7	-0.1
ASAR	Alice Springs	44.77 254	P		10 45 13.9	0.0
NVAR	Mina Array Bea	79.51 44	P		10 48 57.1	-0.6
TXAR	Lajitas Array	86.05 58	P		10 49 30.9	+0.6

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
TEH 17 11:21:37.4, 31.55N-59.96E, h8km, 16km, ML4.1, Presumed earthquake, Northern and central Iran						
NHRN	Nehbandan	1.82 153	Op	ISC	h m s	ISC
BSDN	Basiran	0.82 300	Pg	P1	11 21 54.3	+0.2
IDAH	Dahanehchah	1.19 356	Pg	Pn	11 22 00.8	+0.2
IKOO	Kooshah	1.19 317	Pg	Pn	11 22 00.2	-0.1
IMON	Monand	1.66 352	Pg	Pn	11 22 09.6	+0.4
AFRZ	Afriz	2.03 337	Pn	Pb	11 22 14.3	+0.4
SHRT	Shahrakht	2.11 8	Pn	Pb	11 22 15.5	-0.4
KRMI	Kerman Province	2.53 246	Pn	Pb	11 22 21.3	-1.9
CHMN	Cheshme madani	2.68 232	Pn	Pb	11 22 23.3	+2.1
KBAM	BAM	2.74 209	Pn	Pb	11 22 23.3	+1.5
TPRV	Parvadeh(Tabas	3.14 299	Pn	Pb	11 22 29.5	+2.1
KHGB	Koh Gabri	3.21 250	Pn	Pb	11 22 31.9	+2.7
NGRK	Negar Kerman	3.37 236	Pn	Pb	11 22 33.6	+2.9
IBAF	Bafq	3.75 272	Pn	Pb	11 22 38.5	+2.8
IMEH	Mehriz	4.57 269	Pn	Pb	11 22 49.5	+2.4
SRVN	Saravan	4.65 152	Pn	Pb	11 22 51.1	+3.0
DOBD	Dorbid, Yazd	4.66 277	Pn	Pb	11 22 50.8	+2.5
ANAR	Anarak	5.52 289	Pn	Pb	11 23 02.4	+2.3

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
TEH 17 11:28:29.1, 27.29N-58.00E, h13km, 48km, ML3.1, Presumed earthquake						
OMAN 17 11:28:34.5, 0.2, 27.12N-58.25E, h28km, 7km, ml2.9/1.1, Error ellipse: s-maj=9.9km s-min=1.5km az=230.0						
ISC 17 11:28:29.2, 1.1, 27.30N-0.03, 58.14E, 0.07, h10km, n20, r=140/26, Southern Iran						
Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
KHNJ	Kahnooj	0.76 329	Pg	Pg	11 28 43.7	-0.1
KHNJ	Kahnooj	1.43 276	Pg	Sb	11 28 54.5	-0.4
IBND	Bandar-abas	1.43 276	Pg	Pn	11 28 55.4	+0.2
JASK	Jask - Hormozg	1.44 190	Pg	Pn	11 28 56.7	-0.2
JASK	Jask - Hormozg	1.44 190	Pg	Sn	11 29 13.7	-0.8
GENO	Geno	1.75 274	Pn	Pn	11 29 00.8	+1.0
KBAM	BAM	1.85 8	Pn	Pg	11 29 04.3	-0.4
BANOM	Banah	2.14 231	S	Sb	11 29 07.7	-0.4
BANOM	Banah	2.14 231	S	Sb	11 29 34.4	-0.3
SHME	Sham	2.18 236	Pn	Pb	11 29 07.7	-0.9
MASF	Masafi	2.61 223	Pn	Pb	11 29 14.3	-1.9
NGRK	Negar Kerman	2.65 322	Pn	Pb	11 29 14.1	+1.8
UOSS	Minaziz	2.92 217	Pn	Pb	11 29 18.1	+2.5
ASHO	Ashyafah	3.21 216	Pn	Pb	11 29 22.9	-0.4
HOQ	Hoqain	3.77 192	Pn	Pb	11 29 27.4	-0.1
HOQ	Hoqain	3.77 192	S	Sn	11 30 11.1	-0.8
WSAR	Wadi Sarin	4.06 174	Pn	Pb	11 29 32.9	+1.4
WSAR	Wadi Sarin	4.06 174	S	Sn	11 30 18.0	-1.1
SMDO	Samad	4.22 181	Pn	Pb	11 29 34.3	+0.6
BSY	Bisya	4.61 191	Pn	Pb	11 29 41.3	+2.3
BSY	Bisya	4.61 191	S	Sn	11 30 34.3	+1.7
WBK	Wadi Bani Khal	4.73 171	Pn	Pb	11 29 41.4	+0.8
JMDO	Jabal Madar	4.90 180	Pn	Pb	11 29 44.6	+1.6
JLN	Jalan Bani Buh	5.25 167	Pn	Pb	11 29 48.7	+0.9
MHTO	MHTO	6.28 181	Pn	Pb	11 30 04.0	+2.0

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
IDC 17 11:41:49.6, 0.5, 54.81N-168.28E, h0km, mb4.2/3.1, mbtmp4.2/3.5, ML3.9/4, MS3.7/4.3, Error ellipse: s-maj=14.4km s-min=9.3km az=168.0						
KRSC 17 11:41:49.2, 2.4, 54.54N-168.15E, h31km, 30km, Mc4.7, M5.0						
MOS 17 11:41:50.0, 0.9, 54.60N-168.31E, h31km, mb4.7/2.3, MS3.7/1.0, Error ellipse: s-maj=5.9km s-min=4.6km az=30.3						
NEIC 17 11:41:50.9, 2.3, 54.60N-0.09-168.23E, 0.09, h10km, 1km, mb4.5/1.6, Error ellipse: s-maj=14.7km s-min=8.8km az=190.0						
ISC 17 11:41:52.5, 0.4, 54.59N-0.05-168.31E, 0.04, h24km, n309, c=1542/267, mb4.5/97, MS3.7/4.6, 9C-13D, Komandors Islands region						
Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
BKI	Bering	1.48 296	PN	Pn	11 42 14.7	-2.9
BKI	Bering	1.48 296	eS	Sn	11 42 32.5	-3.7
BKI	Bering	1.48 296	eS	Sn	11 42 14.8	-2.9
KBTR	Krutoberegovo	3.53 300	PN	Pn	11 42 43.7	-2.0
KBTR	Krutoberegovo	3.53 300	eP	Pn	11 42 43.7	-2.0
KBTR	Krutoberegovo	3.53 300	eS	Sn	11 43 23.3	-3.3
KBG	Krutoberegovo	3.60 300	eS	Sn	11 42 45.7	-0.5
KBG	Krutoberegovo	3.60 300	eS	Sn	11 42 45.3	-1.5
KBG	Krutoberegovo	3.60 300	eS	Sn	11 43 28.1	-0.5
MKZ	Mys Kozlova	3.83 272	PN	Pn	11 42 48.9	-0.9
MKZ	Mys Kozlova	3.83 272	eS	Sn	11 42 48.9	-0.9
MKZ	Mys Kozlova	3.83 272	eS	Sn	11 43 11.0	-3.0
SHEM	Shemya Is, Ala	3.92 116	PN	Pn	11 42 50.7	-0.3
SHEM	Shemya Is, Ala	3.92 116	PN	Sn	11 43 36.6	+0.4
SHEM	Shemya Is, Ala	3.92 116	LR	LR	11 44 15.0	
SHEM	Shemya Is, Ala	3.92 116	PN	Pn	11 42 49.5	-1.6
SMY	Shemya	3.92 116	PN	Pn	11 42 49.5	-1.6
SMY	Shemya	3.92 116	PN	Pn	11 42 49.5	-1.6
SMKR	Semkarok	4.37 300	PN	Pn	11 42 57.7	-0.5
SMKR	Semkarok	4.37 300	eP	Pn	11 42 56.7	-0.6
BDR	Baidarok	4.49 299	eS	Sn	11 43 52.0	+1.5
ZLN	Zelenaya	4.52 292	PN	Pn	11 42 59.3	-0.2
ZLN	Zelenaya	4.52 292	S	Sn	11 43 52.9	+1.6
ZLN	Zelenaya	4.52 292	eS	Sn	11 42 59.3	-0.2
BZGR	Bezymyanni-Gr	4.56 290	PN	Pn	11 43 00.3	+0.2
BZGR	Bezymyanni-Gr	4.56 290	eS	Sn	11 43 00.3	+0.2
BZGR	Bezymyanni-Gr	4.56 290	eS	Sn	11 43 52.0	-0.2
CIRR	Tsirk	4.58 293	PN	Pn	11 43 01.1	+0.8
CIRR	Tsirk	4.58 293	PN	Pn	11 43 01.1	+0.8
LGNR	Loginova	4.60 292	PN	Pn	11 43 01.4	+0.7
LGNR	Loginova	4.60 292	PN	Pn	11 43 01.4	+0.7
BZP	Bezymyanni-Pe	4.64 290	PN	Pn	11 43 01.2	0.0
BZP	Bezymyanni-Pe	4.64 290	PN	Pn	11 43 01.2	0.0
BZMR	Bezymyannaya	4.67 290	PN	Pn	11 43 02.1	+0.5
BZMR	Bezymyannaya	4.67 290	PN	Pn	11 43 02.1	+0.5
BZWR	Bezymyanni-We	4.67 290	PN	Pn	11 43 02.8	+1.2
BZWR	Bezymyanni-We	4.67 290	PN	Pn	11 43 02.9	+1.2
KLY	Klyuchi	4.69 295	PN	Pn	11 43 00.4	-1.3
KLY	Klyuchi	4.69 295	S	Sn	11 43 54.1	-1.1
KLY	Klyuchi	4.69 295	eS	Sn	11 43 04.4	-1.3
KLY	Klyuchi	4.69 295	eS	Sn	11 43 54.1	-1.1
KIRR	Kirishev	4.76 290	PN	Pn	11 43 03.7	+0.9
KIRR	Kirishev	4.76 290	eS	Sn	11 43 03.7	+0.9
KIRR	Kirishev	4.76 290	eS	Sn	11 43 57.5	+0.4
TUMR	Tumrok	4.76 282	PN	Pn	11 43 02.6	-0.1
TUMR	Tumrok	4.76 282	eP	Pn	11 43 02.6	-0.1
KMNR	Kamenistaya	4.77 288	PN	Pn	11 43 03.8	+0.9

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
KMNR	Kamenistaya	4.77 288	eP	Pn	11 43 03.8	+0.9
KPT	Kopyto	4.83 290	PN	Pn	11 43 03.8	+0.2
KPT	Kopyto	4.83 290	PN	Pn	11 43 03.8	+0.2
KOZ	Kozyrevsk	5.04 290	PN	Pn	11 43 07.9	+1.4
KOZ	Kozyrevsk	5.04 290	eP	Pn	11 43 07.9	+1.4
KOZ	Kozyrevsk	5.04 290	eP	Pn	11 43 07.9	+1.4
SPN	Mys Shipunski	5.13 256	PN	Pn	11 43 06.5	-0.8
SPN	Mys Shipunski	5.13 256	eP	Pn	11 43 07.0	-0.8
SPN	Mys Shipunski	5.13 256	eP	Pn	11 43 07.0	-0.8
SRDR	Sredinnyy	5.19 293	PN	Pn	11 44 02.8	-3.2

FINES FINES Array B 6.12 168 Pn Pn 12.31 49.1 +0.4
comp=2.0,1nm,0.3s,baz=348,slow=14,SNR=3.6
comp=2.0,9nm,0.4s

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KRVT, PMG, WRA, ASAR, ILAR, TORD, etc.

NOU 17 12:36:23.3, 1577S:16735E, h20km, MLv4.2/8, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SANVU, YATNC, OUCNC, etc.

IDC 17 13:20:59.5:1.2, 6.74N:72.89W, h172km, 14km, mb3.1/5, mbmp3.7/7, Error ellipse: s-maj=32.8km s-min=14.2km az=128.0

RSNC 17 13:20:59.0:0.7, 7.1N:17.3W, h149km, 1km, M3.7, mb4.7, mb4.2, ML3.3, ML4.0, Mw(mb)3.9

FUNV 17 13:20:59.1, 7.24N:73.28W, h7km, MW3.3, Presumed earthquake

IDC 17 13:20:58.6:0.8, 6.85N:0.03:73.12W:0.04, h152km, 6km, n46, c192/79, mb3.4/5, Northern Colombia

Main table for the first section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BARC, BRUC, PAMC, RUSC, etc.

LCBC LCBC AML AML 12.31 59.9 -3.1
GUVC San Jose del G 4.30 173 P Pn 13.22 50.9 -2.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SMRC, MACC, BETC, URUB, etc.

IDC 17 13:45:54.4:1.9, 15.08N:93.98W, h0km, mb3.8/5, mbmp3.6/6, ML3.2/2, MS2.7/3, Error ellipse: s-maj=38.2km

MEX 17 13:45:54.9:1.0, 14.64N:94.03W, h10km, MD4.3, Presumed earthquake

IDC 17 13:45:55.0:3.5, 14.9N:01.93:81W:0.08, h14km, 17km, n17, c152/22, mb3.8/5, Near coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like THIG, PATR, PAVE, etc.

AUST 17 14:28:46.5:1.2, 18.5S:121.0E, h20km, 10km, mb4.3/10, ML3.2/5, Error ellipse: s-maj=12.7km s-min=4.9km az=150.5, confirmed, Western Australia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CAAN, AUBRM, FITZ, GIRL, etc.

comp=Z,65nm,0.5s NWAOW S S 14.34 51.4 -12

CNRM 17 14:38:28.2, 35.67N:3.75W, h14km, ML1.9, MDD 17 14:38:28.6:0.5, 35.48N:3.75W, h0km, mb_Lg1.9/12, Error ellipse: s-maj=4.8km s-min=2.4km az=30.0

SFS 17 14:38:29.1, 35.40N:3.70W, h14km, ML2.5/6, ML2.4/6

IDC 17 14:38:28.1:1.0, 35.60N:0.02:3.69W:0.02, h14km, 9km, n25, c150/54, Strait of Gibraltar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PALE, EALB, WMEI, EMEL, etc.

TEH 17 14:39:39.8, 34.61N:46.16E, h8km, 24km, ML2.9, Presumed earthquake

ISN 17 14:39:43.0:1.2, 34.67N:46.17E, h4km, 16km, ML2.6, Presumed earthquake

IDC 17 14:39:41.2:1.2, 34.67N:0.04:46.22E:0.04, h12km, 10km, n8, c130/12, Western Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDHR, IGHG, KCHF, etc.

IDC 17 14:43:10.5:2.1, 20.10S:170.02E, h0km, mb3.4/3, mbmp3.5/4, ML3.9/1, MS3.1/3, Error ellipse: s-maj=51.0km s-min=28.0km az=156.0

IDC 17 14:43:13.7:1.5, 21.1S:0.4:170.4E:0.1, h35km, n10, c050/8, mb3.6/5, 3C, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM, WRA, ASAR, VNA2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, S/N, etc. Includes stations like E0S2, TWC, ESAC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, S/N, etc. Includes stations like SNA4, SNA5, SNA6, etc.

NOU 17:40:46.7,22:40S:170:28E, h0km, ML5.1/17, Southeast of Loyalty Islands
IDC 17:15:40.51,7:2.4,21:95S:170:22E, h47km, ML5.2/20km, mb4.1/15, mbmp4.3/17, ML5.0/2, MS3.6/16, Error ellipse: s-maj=18.2km s-min=16.7km az=143.0

HEL 17:15:58:10.2,0.4,67:84N:20:26E, h0km, ML0.9, Suspected explosion, Sweden
Code Station Name Az Az' Phase ID Time Res S/N

Table with columns: RNF, Station Name, Time, Res, etc. Includes stations like Rovaniemi, IDC, DJA, BJI, GFZ, NEIC, ISC, etc.

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations including GENI, WAMI, BAKI, MWPI, etc.

Main table of station data (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations including INKA, EIDS, EIDS, EIDS, etc.

Main table of station data (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations including MAKZ, SHLS, PPT2, UZB, etc.

SSNC 17 16:07:21.1 ± 1.2, 19°20'N, 72°60'W, h9km, 13km, MD3.0, ML2.2, Presumed earthquake
SDD 17 16:07:21.6 ± 2.2, 19°65'N, 72°24'W, h27km, 7km, MD2.7, ML2.5, MV2.3, Presumed earthquake
ISC 17 16:07:19.8 ± 1.3, 19.77N, 0.06E, 72.49W, 0.03, h21km, 6km, n13, c187/23, 1C, Haiti region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Redr Restauracion, Madr Mao Valverde, Jidr Jimani, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BkNr Bikaner, Kbl Kabul, Nlr Nilore, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Kk31 Karatay Array, Kk31 Karatay Array, Aak Ala-Archa, etc.

WEL 17 16:12:34.9-0.4, 43.3°S, 172°17'E, h5km, M3.7/4, ML3.5/4, MLV3.7/4, Error ellipse: s-maj=3.1km, s-min=2.8km, az=157.2, confirmed

NOU 17 16:12:36.2, 42.89S, 172.57E, h27km, MLV3.8/16, South Island, New Zealand

ISC 17 16:12:34.8-0.9, 42.82S, 172.49E, 0.02, h13km, 6km, n74, c0574/84, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Ltz Lake Taylor, Wakk Waikari, Culc Culverden Airl, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Hra Dhrm Dharamshala, Tssa Tissa, Smla Simla, Ngch Negor-Chabab, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Mdk Medeo, Hrb Hyderabad, Kurly Kurly, etc.

MOS 17 16:42:32.7, 1.29, 82N, 68.40E, h13km, mb4.8/35, Error ellipse: s-maj=5.1km, s-min=3.3km, az=94.1

ASUD AI Ashush, Dub 12.68 249 P Pn 16 45 34.2 +0.5

KURB Kurchatov Arra 22.18 17 P Pn 16 47 30.0 -0.2

Table with columns for station call letters, station name, frequency, and other details. Includes stations like FUTU, MSVF, AFI, etc.

Table with columns for station call letters, station name, frequency, and other details. Includes stations like CAN, YNG, PMG, MTSU, etc.

Table with columns for station call letters, station name, frequency, and other details. Includes stations like VVDA, VVDA, LBFI, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like Coldfoot, Hadweencic Riv, D19K Kuna River, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like CMAR, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like MAK, MAK, MAK, MAK, MAK, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and various station identifiers. Includes stations like BMOL Mol, BOST Ostende, VRAC Vranov, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and various station identifiers. Includes stations like AFAD, Code, Station Name, etc.

ASRS 17:32:35.8-0.3, 51°N, 2°E, h9km, MLh3.9/7, 1C, Error ellipse: s-maj=4.5km s-min=2.5km az=11.4, confirmed, Tuva-Buryatia-Mongolia border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and various station identifiers. Includes stations like KNGR, KNGR, Todzha, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and various station identifiers. Includes stations like ELL, ELL, ELL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BNZA, SEDI, Konya, Seydisse, etc.

SJA 17 18:24:27.0, 4.0, 2.2, 34S:67.56W, h190km, ML3.7, MW3.8
IDC 17 18:24:27.5, 1.9, 2.2, 39S:67.27W, h150km, 20km, mb3.9/2,
mbtm4.2/7, Error ellipse: s-maj=27.5km s-min=15.6km
az=109.0

VAO 17 18:24:28.3, 0.7, 2.2, 49S:67.40W, h187km, mb4.0,
Presumed earthquake

SCB 17 18:24:28.0, 1.1, 2.2, 51S:67.62W, h157km, MB5.2,
ML4.2/3, Error ellipse: s-maj=23.3km s-min=22.8km
az=0.0

NEIC 17 18:24:29.1, 1.8, 2.2, 43S:0.06, 67.6W, 0.1, h168km, 8km,
mb4.1/2, ML4.2(GUC), Error ellipse: s-maj=14.7km
s-min=8.1km az=75.0

GUC 17 18:24:30.5, 0.6, 2.2, 39S:67.71W, h182km, 4km, ML4.2
ISC 17 18:24:27.0, 6.6, 2.2, 42S:0.04, 67.52W, 0.04, h172km, 6km,
n116, s165/149, mb4.2/4, 11C-3D, Chile-Bolivia border
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AF01, PB09, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB11, PB14, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OJC, Ojcow, etc.

IDC 17 18:44:46.2, 0.7, 3.1, 09S:73.15W, h0km, mb4.2/5,
mbtm4.1/9, ML4.0/4, MS3.1/2, Error ellipse: s-maj=18.6km
s-min=16.3km az=73.0
NEIC 17 18:44:46.9, 2.0, 3.1, 10S:0.05, 72.87W, 0.07, h10km, 2km,
mb4.4/7, ML4.0(GUC), Error ellipse: s-maj=8.8km
s-min=7.3km az=100.0
SJA 17 18:44:47.2, 0.7, 3.1, 13S:72.84W, h30km, ML3.8, MW4.0
GUC 17 18:44:50.1, 0.7, 3.1, 20S:72.66W, h38km, 3km, ML4.0
ISC 17 18:44:48.6, 0.9, 3.1, 17S:0.03, 72.91W, 0.05, h23km, 5.5km,
n110, s168/152, mb4.2/4, 9C-1D, Off coast of central
Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CO06, CO08, etc.

Table with columns: ID, Name, Time, Az, El, Pn, Az, El, Pn, Az, El, Pn. Includes stations like CO01, VA05, MT05, etc.

Table with columns: ID, Name, Time, Az, El, Pn, Az, El, Pn, Az, El, Pn. Includes stations like H03S3, PLCA, LPZA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LTHK, Lithakia, NYDR, etc.

ISC 17 19:29:56.2: 1.1, 55:61N; 163:15E, h0km, mb3.77, mbmp3.77, ML2.4/1, MS3.4/1, Error ellipse: s-min=3.1km

KRSC 17 19:29:57.0: 0.9, 55:29N; 163:45E, h20km, 29km, M1.4, MOS 17 19:29:57.6: 6.0, 55:39N; 163:48E, h19km, mb3.7/1, Error ellipse: s-maj=7.2km s-min=6.0km az=65.9

ISC 17 19:29:59.4: 1.6, 55:42N; 160:04E, h3km, 13km, n85, f192/97, mb3.8/7, Off east coast of Kamchatka

ISC 17 18:49:54.4: 3.1, 6:48N; 125:81E, h0km, mb3.3/3, mbmp3.3/3, Error ellipse: s-maj=279.3km s-min=29.1km az=65.0

MAN 17 18:49:57.0: 6.47N; 126.44E, h75km, MS3.9 ISC 17 18:50:00.1: 1.4, 6.53N; 126.39E, h0.09, h48km, 17km, n13, f155/21, mb3.2/3, Mindanao

ISC 17 18:50:00.1: 1.4, 6.53N; 126.39E, h0.09, h48km, 17km, n13, f155/21, mb3.2/3, Mindanao

ISC 17 18:50:00.1: 1.4, 6.53N; 126.39E, h0.09, h48km, 17km, n13, f155/21, mb3.2/3, Mindanao

ISC 17 19:02:38.9: 38.15N; 20:35E, h17km, 1km, ML2.5/8, Latitude uncertainty: 0 km; Longitude uncertainty: 1 km

ISC 17 19:02:39.7: 1.3, 38:16N; 0:03, 20:39E; 0:06, h17km, 5km, n24, f093/41, Greece

ISC 17 19:02:39.7: 1.3, 38:16N; 0:03, 20:39E; 0:06, h17km, 5km, n24, f093/41, Greece

ISC 17 19:02:39.7: 1.3, 38:16N; 0:03, 20:39E; 0:06, h17km, 5km, n24, f093/41, Greece

ISC 17 19:02:39.7: 1.3, 38:16N; 0:03, 20:39E; 0:06, h17km, 5km, n24, f093/41, Greece

ISC 17 19:02:39.7: 1.3, 38:16N; 0:03, 20:39E; 0:06, h17km, 5km, n24, f093/41, Greece

ISC 17 19:02:39.7: 1.3, 38:16N; 0:03, 20:39E; 0:06, h17km, 5km, n24, f093/41, Greece

ISC 17 19:02:39.7: 1.3, 38:16N; 0:03, 20:39E; 0:06, h17km, 5km, n24, f093/41, Greece

ISC 17 19:02:39.7: 1.3, 38:16N; 0:03, 20:39E; 0:06, h17km, 5km, n24, f093/41, Greece

ISC 17 19:02:39.7: 1.3, 38:16N; 0:03, 20:39E; 0:06, h17km, 5km, n24, f093/41, Greece

Table with columns: TXAR, EKA, LPAZ, comp, time, res, ISC. Includes entries for Lajitas Array, Eskdalemuir Ar, La Paz.

KRSC 17 19:32:22.2±0.2, 58.91N: 158.37E, h28km±18km, M4.0

NERIS 17 19:32:30.3, 58.65N: 158.16E, h33km

ISC 17 19:32:27.0, 58.96N: 0.05: 158.53E: 0.04, h10km±12, c=329/15, Kamchatka Peninsula

Main station data table for Kamchatka Peninsula. Columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like PALN, TIGL, OSSR, ESO, GADL, TLAR, MA2, MGD, SEY, TLON, SUUS.

IDC 17 19:44:04.6±1.0, 53.67N: 158.34W, h0km, mb3.9/12, mbmp3.9/15, ML3.7/3, MS3.0/3, Error ellipse: s-maj=22.9km s-min=15.9km az=161.0

NEIC 17 19:44:42.7±1.5, 53.92N: 0.05: 158.14W: 0.07, h10km±1km, mb3.9/19, ML3.6/24, ML3.6(AEIC), Error ellipse: s-maj=9.8km s-min=4.4km az=219.0

AEIC 17 19:44:45.2±2.4, 53.86N: 0.07: 158.22W: 0.09, h23km±5km, Error ellipse: s-maj=10.6km s-min=7.2km az=169.0

ISC 17 19:44:41.2±2.4, 53.93N: 0.06: 158.17W: 0.04, h3km±14km, n93, c156/90, mb4.0/12, South of Alaska

Main station data table for South of Alaska. Columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like CNBA, VNSG, VNHG, CHGN, CHIR, DOL, VVFG, PVV, PSIA, PS4A, DT1, DTNA, PNTA, SII, SSS, R17L, OHAK, AKUT, AKUT, AKBBA, AKLV, AKGG, LVA, UNV, UNV, UNV, KDAK, KDAK, KDAK, KDAK, O15K, O15K, O14K, Q19K, O16K, OKFG, N15K, N17K, BRLL, M14K.

Table with columns: L19K, PWL, J16K, KAIM, SCM, ILAR, comp, time, res, ISC. Includes entries for White Mountain, Port Wells, Anvik River, Kayak Island, Sheep Creek Mo, Eielson Array.

ILAR comp=N,0.2nm,0.3s,baz=218,slow=13,SNR=4.2

ILAR comp=N,0.5nm,0.5s,baz=200,slow=23,SNR=2.4

ILAR comp=N,0.2nm,0.3s,baz=200,slow=23,SNR=2.4

Main station data table for Alaska. Columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like J25K, M29N, S32K, D19K, I29M, G27K, H29M, I30M, G29M, F28M, EPYK, C23K, B22K, H31M, G30M, E29M, INK, INK, INK, PEAOB, PETK, PETK, PETK, YHK, YDH, YHR, TXAR, H11N2, H11N3, H11N1, H11S1, H11S2, H11S3.

TXAR Lajitas Array 46.170 0.8s comp=N,2.2nm,0.8s,baz=176,slow=3.8,SNR=9.4

SOMN Songino Array 56.07 306 P comp=N,0.4nm,0.4s,baz=56.7,SNR=3.1

SOMN Songino Array 56.07 306 Iamb Iamb comp=N,1.8nm,1.4s

ZALV Zalesovo Beam 60.55 323 P comp=N,0.8nm,0.4s,baz=323.7,SNR=6.4

KURK Kurchatov 65.38 324 P comp=N,0.3nm,0.3s,baz=323.2,SNR=4.9

BVAR Borovoye Array 66.03 330 P comp=N,2.1nm,0.8s,baz=67.4,SNR=7.3

MKAR Makarink Array 67.32 320 P comp=N,1.0nm,0.7s,baz=48,slow=7.9,SNR=10

CMAR Chiang Mai Arr 82.61 291 P comp=N,0.8nm,0.7s,baz=20,slow=5.3,SNR=5.8

ESDC Sonseca Array 84.16 20 P comp=N,0.6nm,0.8s,baz=323,slow=3.1,SNR=3.5

BRTR Keskinn Array B 86.17 351 P comp=N,0.9nm,0.9s,baz=270,slow=1.2,SNR=4.4

WRA Warramunga Arr 93.46 241 P comp=N,0.4nm,0.7s,baz=32,slow=4.9,SNR=2.7

SDD 17 19:51:14.9±3.2, 18.13N: 70.69W, h27km±7km, MD3.0, ML2.8, MW2.9, Presumed earthquake

OSPL 17 19:51:17.2±0.4, 18.03N: 70.71W, h7km±3km, ML2.2, Presumed earthquake

ISC 17 19:51:15.5±1.2, 18.04N: 0.04: 70.67W: 0.03, h15km±10km, n20, c125/37, IC-3D, Dominican Republic region

Main station data table for Dominican Republic region. Columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like BANI, BANI, PODR, LOVI, LOVI, ABDR, ABDR, LODOU, LODOU, NEDR, NEDR, LOBH, LOBH, DR08, DR08, JDIR, REDR, REDR, SC01, SC01, SC01, SC01, HAT0M, HAT0M, CADR, CADR, CADR.

Table with columns: MIDR, MIDR, MIDR, LUDR, SMDR, SMDR, SMDR, comp, time, res, ISC. Includes entries for Miches, Luperon, Samana, DR.

MIDR comp=N,1.75nm,0.9s

MIDR comp=N,4.0nm,0.6s

MIDR comp=N,219nm,0.6s

MIDR comp=N,68nm,0.1s

MCDR comp=N,54nm,1.1s

CATAC 17 19:57:18.3±0.2, 12.12N: 1°8'44"W, h10km, M4.3/18, ML4.3/18, Error ellipse: s-maj=3.2km s-min=2.6km

UCR 17 19:57:20.7±1.7, 12.49N: 83.97W, h43km±157km, MW3.9, Presumed earthquake

ISC 17 19:57:15.9±1.1, 12.48N: 0.03: 83.87W: 0.03, h15km±11km, n68, c115/103, 4C-5D, Nicaragua

Main station data table for Nicaragua. Columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like BLUN, BLUN, ACON, ACON, ACON, SIUN, BILN, BILN, BILN, LCHL, LCHL, BOAB, BOAB, COVE, COVE, UPAL, UPAL, MORN, MORN, MORN, MORN, CANE, CANE, JAPN, JAPN, JAPN, JAPN, VMA, VMA, VMA, CARN, CARN, TENO, TENO, QUEB, QUEB, CPAR, CPAR, CEDE, CEDE, VACR, VACR, COTE, COTE, TABAC, TABAC, VPL3, VPL3, VPL2, VPL2, MADN, MADN, NADN, NADN, NANN, NANN, NANN, MASN, MASN, WILN, WILN, MAS3, MAS3, VPS5, VPS5, SABN, SABN, VPOA, VPOA, MGAN, MGAN, MGAN, MGAN, TISN, TISN, ALLN, ALLN, ALLN, UNAN, UNAN, UNAN, UNAN, RCPN, RCPN, ABCN, ABCN, APO2, APO2, JTS, JTS, JTS, CVTR, CVTR, VTR0, VTR0, HDC, HDC, LIMN, LIMN, LIMN, RCFN, RCFN, RCFN, RCFN, MOM2, MOM2, MOM2, MOM2, MOMN, MOMN, MOMN, MOMN, TRB2, TRB2, TRB2, AENS, AENS, COPN, COPN, COPN, COPN, CNGN, CNGN, ILCN, ILCN, ILCN, ILCN, PLRN, PLRN, PLRN, PLRN, CMARA, CMARA, BUS1, BUS1, SAJE, SAJE.

WEL 17 20:02:54.2±0.7, 46.56°N: 166°E, h12km, ML4.1/19, ML4.0/9, Error ellipse: s-maj=8.2km s-min=5.4km az=5.7, confirmed, Off west coast of South Island

Main station data table for South Island. Columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like PYZ, PYZ, PYZ, PYZ, RLNS, RLNS, RLNS, RLNS, DCZ, DCZ, DCZ, DCZ, WHZ, WHZ, WHZ, WHZ, APZ, APZ, APZ, APZ, MLZ, MLZ.

17d 21h

Table with columns: Station Name, Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Milford Sound, Scrubby Hill, Tuapeka, Earnscleugh, Wanaka, Jackson Bay, Highcliff Hill, Otahua Downs, Lake Benmore, Fox Glacier, Timaru, Arundel, Waitaha Valley, Mount Hutt, Oxford, Inchbonnie, Lake Taylor, Denniston Nort, Tophouse, Matariki Terra, Moorlands, Mila.

CNRM 1720:07:53.0, 35:63N, 8:56W, h88km, ML2.4
SFS 1720:07:55.5, 35:71N, 8:39W, h15km, ML2.9/11, ML3.1/11, ML2.9/11

MDD 1720:07:56.6, 1.2, 35:68N, 8:42W, h35km, mb_Lg2.2/6, Error ellipse: s-maj=9.7km s-min=6.5km az=24.0
INMG 1720:07:58.1, 1.7, 35:75N, 8:38W, h23km, 10km, ML1.5, Error ellipse: s-maj=6.3km s-min=5.4km az=86.0

ISC 1720:07:55.2, 1.3, 35:66N, 0:03, 8:39W, 0:05, h54km, 45km, n40, e1512/6, West of Gibraltar

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Vila Bisbo, Barranco-do-Ve, Vaqueiros, Sao Teotonio, Castro Verde, El Granado, Minas do Lousa, Espera, Barrancos, Montemor, Evora, Mijas, Arralolos, Estremoz, Badajoz, Mafra, El Cabril, Montargil.

2020 SEP

Table with columns: Station Name, Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Marv??o, Sardoal, Adamuz, Adamuz, MD31, Midelt, Castaar de lb, Tiouine, Ouzum, Tobarra.

LJU 1720:39:54.0, 46:39N, 15:07E, h0km, Confirmed Rockburst, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Zavodnje, comp=2.57nm, 0.1s.

JMA 1720:40:33.0, 2, 24:3N, 0:3, 123:8E, 0:5, h16km, 1km, MV0.6/6, NEAR ISHIGAKIJIMA ISLAND, Southwestern

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Iriomote-Funau, Hateruma jima, Kuro-shima, Ishigaki jima, Ishigakijimahi.

PRU 1720:40:45.4, 44:97N, 15:09E, h0km RHSSO 1720:40:58.0, 0.9, 45:16N, 16:24E, h6km, ML1.7/3

ISC 1720:40:44.0, 1.1, 44:97N, 0:02, 15:29E, 0:02, h7km, 9gkm, n30, e1515/8, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Rab, Novalja, Udzina, Ozalj, Rijeka, Vir, Dugi Otok, Punjtjarka, Morici, Kijev, Zirje, Banja Luka, Obir, Soko, BEHE, Hvar, Ricic, Terra Mystica, MYKA, SESA, ARS, ARS, LSTV, KBA, KBA, ABTA, MORH, STON, MOA, TREB, KREB, Kasperske Hory.

TAP 1720:41:25.1, 24:50N, 121:88E, h10km, 1km, ML1.5, 1C, B, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Suao, Wuta, Suao, Nanau, Dongshan, Aohua, Datong, EOS2, Ninganchiao, Wulai.

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Table with columns: Station Name, Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Datong, Xiulin Townshi, ETLH.

NNC 1720:57:40.1, 1, 41:62N, 79:09E, h0km, mb3.7, mpv3.6

SOME 1720:57:40.6, 41, 70N, 79.05E, h5km

KRNET 1720:57:41.9, 0.1, 41:68N, 79:08E, h12km, mb3.1

ISC 1720:57:40.8, 2, 4, 41:66N, 0:08, 79:04E, 0:06, h4km, 16km, n24, e137/39, 14C-SD, Kyrgyzstan-Xinjiang border

region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Taragay, Przheval'sk, Kajisay, Podgornoye, Kuram, Tobarra, Naryn, Boomsokoye usch, Kasteik, Karayagorhan, Kapalarasan, Tokmak 2, Tokmak 3, Mankanchi Array.

ISC 1721:01:28.1, 1999.0, 52:51N, 3:47E, h0km, Error ellipse: s-maj=460.6km s-min=185.7km az=99.0, North Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Taragay, Przheval'sk, Kajisay, Podgornoye, Kuram, Tokmak 2, Tokmak 3, Mankanchi Array.

126DE FREYUNG INFRAS 7.46 11Z I | 21 42 15.9

I43RU DUBNA INFRASION 6.84 1 I | 23 06 59.7

ISC 1721:13:01.6, 0.9, 35:45N, 0:02, 31:24E, 0:02, h40km, 9gkm, n139, e150/208, mb4.0/3, Cyprus region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Taragay, Przheval'sk, Kajisay, Podgornoye, Kuram, Tokmak 2, Tokmak 3, Mankanchi Array, Akamas, Freyung, Dubna, Mankanchi Array, Akamas, Freyung, Dubna, Mankanchi Array.

Table with columns: Station Name, Time, Res, Code, Station Name, Δ, Az, Op, Phase ID, Time, Res, Code, Station Name, Δ, Az, Op, Phase ID, Time, Res. Includes stations like KKAR, BORK, BVAR, DBIC, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Δ, Az, Op, Phase ID, Time, Res, Code, Station Name, Δ, Az, Op, Phase ID, Time, Res. Includes stations like WRA, ASAR, SSNC, FSCY, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Δ, Az, Op, Phase ID, Time, Res, Code, Station Name, Δ, Az, Op, Phase ID, Time, Res. Includes stations like KARO, WRA, ASAR, SSNC, FSCY, etc.

Table with columns for station name, code, station name, elevation, azimuth, and various data points. Includes stations like APRC, MELA, OT13, CERA, TIR, ITM, etc.

Table with columns for Code, Station Name, Elevation, Azimuth, and various data points. Includes stations like ILS, IVE, ILSW, ILSW, etc.

Table with columns for station name, elevation, azimuth, and various data points. Includes stations like SII, WAT7, EYAK, etc.

Table with columns for station name, elevation, azimuth, and various data points. Includes stations like SII, WAT7, EYAK, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like VTCV, VICA, VTRD, etc.

IDC 18 03:50:14.3:1.7, 5.81S: 151.13E, h44km, 15km, mb3.8/11, mbmp4.1/13, ML3.2/2, MS3.5/13, Error ellipse: s-maj=27.8km s-min=11.9km az=120.0

ISC 18 03:50:14.6:0.5, 5.91S: 0.07:151.27E:0.08, h50km, n60, e121/48, mb4.5/24, MS3.5/10, 1D, New Britain region

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like KRVT, KRVT, KRVT, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like S34M, NVAR, NEW, etc.

UPA 18 03:51:04.7:4.6, 8.40N: 82.47W, h65km, 83km, MW2.7, Presumed earthquake, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like BOTLY, CLLRA, CLLRA, etc.

SDD 18 03:57:21.7:3.7, 18.66N: 70.83W, h15km, 203km, MD2.8, ML2.1, MW2.6, Presumed earthquake

OSPL 18 03:57:25.4:0.8, 18.69N: 70.80W, h8km, 7km, ML1.8, Presumed earthquake

ISC 18 03:57:23.6:1.2, 18.63N: 0.04:70.81W:0.03, h9km, 12km, n12, e15/18, 7C-3D, Dominican Republic region

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ABDR, ABDR, ABDR, etc.

KRSC 18 04:09:00.4:0.5, 55.67N: 161.58E, h81km, 9km, Mc4.4, M5.0, Felt [IV] at kordon Kronoki, Felt at Ust-Kamchatsk

BJI 18 04:09:00.5: 55.73N: 160.83E, h58km, mb4.8/6, mb4.8/29, MOS 18 04:09:01.2: 0.9, 55.73N: 161.46E, h86km, mb4.5/28, Error ellipse: s-maj=7.1km s-min=3.6km az=80.9

IDC 18 04:09:03.2: 1.3, 55.73N: 161.44E, h90km, 13km, mb4.1/34, mbmp4.5/40, MS3.2/14, Error ellipse: s-maj=11.6km s-min=8.3km az=159.0

NEIC 18 04:09:03.1: 1.7, 55.71N: 0.08: 161.39E: 0.05, h86km, 6km, mb4.6/7.0, Error ellipse: s-maj=12.7km s-min=2.4km az=63.4

GFZ 18 04:09:03.0: 2.6, 56.14N: 161.46E, h88km, M5/26, mb4.9/26, confirmed

ISC 18 04:09:02.0: 0.5, 65.89N: 0.03: 161.51E: 0.03, h78km, 4km, n332, e181/345, mb4.7/106, 10C-19D, Near east coast of Kamchatka Peninsula

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like BZGR, BZGR, BZGR, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like NLC, NLC, NLC, etc.

comp=Z,100nm,1.9s pmax pmax

comp=Z,1um,0.07s smax smax

comp=E,2um,0.6s mlr mlr

comp=Z,300nm,3.0s MLR MLR

comp=Z,1um,6.0s Petropavlovsk 3.15 213 Pn 04 09 50.0 +3.6

comp=N,2um,0.7s Petropavlovsk 3.15 213 P 04 09 50.3 +0.9

comp=Z,2um,0.6s Petropavlovsk 3.42 222 P/N 04 09 53.6 +0.7

comp=Z,100m,0.5s,baz=60,slow=18,SNR=42.5 Petropavlovsk 3.42 222 P 04 09 53.6 +0.7

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 3.49 216 Pn 04 09 55.0 +1.2

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 3.49 216 Pn 04 09 55.1 +1.2

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 3.51 347 Pn 04 09 56.4 +2.3

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 3.51 347 Pn 04 09 56.4 +2.3

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 3.66 13 Pn 04 09 56.6 +0.4

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 3.66 13 Pn 04 09 56.7 +0.4

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 3.71 210 Pn 04 09 57.8 +0.9

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 3.71 210 Pn 04 09 57.8 +0.9

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 3.74 214 Pn 04 09 59.6 +2.1

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 3.74 214 Pn 04 09 59.6 +2.1

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 3.77 213 Pn 04 09 59.2 +1.4

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 3.77 213 Pn 04 09 59.2 +1.4

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 3.77 224 Pn 04 09 59.0 +1.4

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 3.94 214 Pn 04 10 01.8 +1.7

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 3.94 214 Pn 04 10 01.9 +1.7

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 4.03 221 Pn 04 10 06.3 +0.1

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 4.03 221 Pn 04 10 06.3 +0.1

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 4.39 209 Pn 04 10 06.3 +0.1

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 4.39 209 Pn 04 10 06.3 +0.1

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 4.43 221 Pn 04 10 08.9 +2.3

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 4.43 221 Pn 04 10 08.9 +2.3

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 5.08 215 Pn 04 10 16.9 +1.4

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 5.08 215 Pn 04 10 16.9 +1.4

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 5.36 25 Pn 04 10 20.9 +1.6

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 5.36 25 Pn 04 10 20.9 +1.6

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 5.97 151 Pn 04 10 21.0 +1.6

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 5.97 151 Pn 04 10 21.0 +1.6

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 6.96 308 Pn 04 10 28.5 +0.8

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 6.96 308 Pn 04 10 28.5 +0.8

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 7.95 107 Pn 04 10 41.2 +0.1

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 7.95 107 Pn 04 10 41.2 +0.1

comp=Z,109nm,0.8s,baz=53,slow=22,SNR=4.0 Karmyshinsky 7.95 107 Pn 04 10 41.2 +0.1

18 4h

Table of satellite data for stations 18-4h, including station names, coordinates, and status indicators.

2020 SEP

Main table of satellite data for September 2020, listing station names, coordinates, and status indicators.

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Table of satellite data for stations 974, including station names, coordinates, and status indicators.

Technical notes and coordinates for stations 974, including ICD and NEIC data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSFV Nonsavu, AFI Afiamalu, RAO Raoul Island, etc.

TEH 18 04:14:22.8, 29.22N, 49.60E, h19km, 74km, ML3.5, Presumed earthquake. DSN 18 04:14:33.5, 0.9, 29.03N, 50.31E, h15km, ML3.5/10, Error ellipse: s-maj=31.6km s-min=9.1km az=32.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DSBU Dashti - Bushe, KAZZ Kazeron-Fars-I, etc.

IDC 18 04:15:09.9, 1.3, 6.33S, 129.91E, h0km, mb4.0/3, mbtmp4.2/6, ML4.6/3, Error ellipse: s-maj=53.8km s-min=15.5km az=77.0.

DJA 18 04:15:23.0, 3.7, S, 3.3, 13.3, 0E, h150km, 11km, M4.4/13, mb4.9/5, mb4.4/8, ML4.4/13, Mw(mb)4.2/5.

ISC 18 04:15:22.9, 0.9, 7.22S, 0.06, 129.77E, h150km, n16, r157.13, mb3.8/3, Banda Sea.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SAUI Saumlaki, SANI Sanana, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DSBU Dashti - Bushe, KAZZ Kazeron-Fars-I, etc.

SDD 18 04:47:58.1, 2.4, 18.75N, 70.74W, h30km, 10km, MD2.9, ML2.3, MW3.0, Presumed earthquake.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ABDR Abta Bandera, ABDR Abta Bandera, etc.

IDC 18 05:01:53.3, 1.6, 5.79S, 150.75E, h0km, mb3.2/2, s-min=17.4km az=132.0, New Britain region.

SDD 18 05:15:51.8, 0.6, 18.30N, 71.69W, h19km, 15km, MD2.6, ML1.4, MW2.3, Presumed earthquake.

ISC 18 05:15:54.6, 1.8, 34.0N, 0.04, 71.64W, 0.04, h6km, 15km, n6, r06/68/11, 5C, Dominican Republic region.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZAAO Zalesovo Array, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURBB Kurchatov Arra, MK31 Makanchi Array, etc.

ASRS 18 05:25:15.0, 0.9, 54.68N, 83.63E, h0km, M2.6(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDC 18 05:25:15.0, 3.0, 54.72N, 83.69E, h0km, mbtmp2.7/2, ML2.5/2, Error ellipse: s-maj=26.5km s-min=13.0km az=158.0, Southwestern Siberia.

SDD 18 05:25:39.2, 1.9, 13.08N, 93.21E, h0km, mb3.9/3, Presumed earthquake.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

18d 6h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Chiang Mai Arr, Zalesovo Beam, Waramunga Arr, Alice Springs, and Kurbatov Arr.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Don Marcelino, Fitzroy Crossi, Waramunga Arr, Alice Springs, and Kurbatov Arr.

NEIC 18 06:17:35.0:1.2, 12.0S:0.1:167.3E:0.1, h281km, 9km, mb4.2/16, Error ellipse: s-maj=21.1km s-min=16.8km az=89.0

IDC 18 06:17:37.1:29.0, 12.0S:167.14E, h302km, 287km, mb3.3/6, mltmp4.0/6, Error ellipse: s-maj=96.4km s-min=31.8km az=87.0

ISC 18 06:17:36.4:0.8, 12.0S:0.1:167.3E:0.2, h300km, n25, +f108/24, mb4.1/13, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Saraoutou, Honiara, Eidsvold, Charters Tower, Armidale, Stephens Creek, Waramunga Arr, Waramunga Arr, Alice Springs, Fitzroy Crossi, and Suanglung.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like South Pole Qui, South Pole Qui, Clear Creek Bu, Harding Lake, Eielson Array, Salcha River, Porcupine River, and Fush Village.

TAP 18 06:24:53.7, 24.15N:121.72E, h10km, ML3.7, B JMA 18 06:24:54.4:1.0, 24.15N:121.7E:0.6, h9km, 1km, MV2.8/9, TAIWAN REGION

ISC 18 06:24:53.9:0.8, 24.15N:0.0:121.73E:0.02, h8km, 5km, n125, c0886/194, 5C-23D, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Fush Village, Nanchiao, Chiawan, Heping Village, Aohua, Hwalien, Xuilin Townshi, Nanau, Tongmen, Wuta, Yanliu Villag, Shoufeng, Datong, Hehuan Shan, Shilin, Nan Shan, Su ao, Fushou, Suao, Jichi Village, and Dongshan.

2020 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Datong Townshi, Tachien, Eos2, Techii, Fenglin Townsh, Renai, Neicheng, Renai, Yeheng, Yeheng, Yeheng, Yeheng, Ilan, Fushanzhiwuyua, Sangung, Wulai, Wufeng Townshi, Hungeye, Wanrong, Beiang Elemen, Suanglung, Suanglung, Suanglung, Guanxi Townshi, Sun Moon Lake, Emei, Shuangxi, Xindian Distri, Mucha, Yuchr, Taipei, Taipei, Yu-li, Yu-li, Changbin, Santiao Chiao, Yuli, Yuli, Wufu-fen Shan, Xinyi Township, Hsinchuo, Zhongli, Taichung, Yu-Shan, Zhushan, Kuangyinsinshan, National Taiwan, Mingjian, YMO1, CHKH, CHKH, Zhuzhuiu, Fulli, Danshui, NTST, YMO8, ANP, ANP, ALS, ALS, CHKT, CHKT, EHD, Haiduan, CHNS, Tsauling, CHNS, Chenhua, JYNG, Yonagunijimaku, ELDTW, Lidau, YOJ, Yonaguni jima, YOJ, Yonaguni jima, YOJ, Yonaguni jima, YOJ, Yonaguni jima, EDH, Donghe, WCKO, Fanlu, WRL, Guolierlin Hig, Erlin, Erlin, CHN4, Tsashuan, CHN4, Tuku, WTK, WTK, STVH, Taoyuan, TPUB, Ta-pu, TPUB, Ta-pu, TPUB, Longtjan, Chiyai, WTP, Ta-pu, WTP, Hsinying, TWK, TWGB, Beinan, TWGB, Beinan, CHN1, Nanshi, CHN1, Sszu, Sszu, Jiashian, Sszu, PCYT, Pengchiang, WSL, Shuilin Townsh, WSL, Liugui, SLGT, Liugui, CHN8, Yiju, SSD, Sandimen, MASBT, Mashibuluo, MASBT, Iriomote-Funau, EAST, Anshuo, WDGJ, Dungji, WDGJ, VWUC, VWUC, PTMZ, Houxiangcun.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ilan, Fushanzhiwuyua, Sangung, Wulai, Wufeng Townshi, Hungeye, Wanrong, Beiang Elemen, Suanglung, Suanglung, Suanglung, Guanxi Townshi, Sun Moon Lake, Emei, Shuangxi, Xindian Distri, Mucha, Yuchr, Taipei, Taipei, Yu-li, Yu-li, Changbin, Santiao Chiao, Yuli, Yuli, Wufu-fen Shan, Xinyi Township, Hsinchuo, Zhongli, Taichung, Yu-Shan, Zhushan, Kuangyinsinshan, National Taiwan, Mingjian, YMO1, CHKH, CHKH, Zhuzhuiu, Fulli, Danshui, NTST, YMO8, ANP, ANP, ALS, ALS, CHKT, CHKT, EHD, Haiduan, CHNS, Tsauling, CHNS, Chenhua, JYNG, Yonagunijimaku, ELDTW, Lidau, YOJ, Yonaguni jima, YOJ, Yonaguni jima, YOJ, Yonaguni jima, YOJ, Yonaguni jima, EDH, Donghe, WCKO, Fanlu, WRL, Guolierlin Hig, Erlin, Erlin, CHN4, Tsashuan, CHN4, Tuku, WTK, WTK, STVH, Taoyuan, TPUB, Ta-pu, TPUB, Ta-pu, TPUB, Longtjan, Chiyai, WTP, Ta-pu, WTP, Hsinying, TWK, TWGB, Beinan, TWGB, Beinan, CHN1, Nanshi, CHN1, Sszu, Sszu, Jiashian, Sszu, PCYT, Pengchiang, WSL, Shuilin Townsh, WSL, Liugui, SLGT, Liugui, CHN8, Yiju, SSD, Sandimen, MASBT, Mashibuluo, MASBT, Iriomote-Funau, EAST, Anshuo, WDGJ, Dungji, WDGJ, VWUC, VWUC, PTMZ, Houxiangcun.

RSNC 18 06:33:55.4:0.0, 7N:1.7:3W:1, h146km, 2km, M1.5, ML1.4, Panama-Colombia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Barichara, Pamplona, Colo, La Rusia, Puerto Berrio, San Jacinto, C, San Pablo de B, Barichara, Pamplona, Colo, La Rusia, Puerto Berrio, San Jacinto, C, San Pablo de B, Barichara, Pamplona, Colo, La Rusia, Puerto Berrio, San Jacinto, C, San Pablo de B.

RSNC 18 06:45:06.9:0.0, 7N:1.7:3W:1, h150km, 2km, M3.5, mb4.9, mb3.9, ML3.2, ML3.9, Mwm(B)4.1, FUNVJ 18 06:45:07.8, 7.21N:72.95W, h5km, MW2.8, Presumed earthquake

IDC 18 06:45:07.1:1.7, 7.0N:76.56W, h109km, 75km, mb3.0/1, mltmp3.6/2, ML2.8/1, Error ellipse: s-maj=100.8km s-min=36.5km az=42.0

ISC 18 06:45:07.0:0.8, 6.82N:0.03:73.05W:0.05, h144km, 7km, n40, c2307/1, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Barichara, Pamplona, Colo, Barrancabermej, Puerto Berrio, Ocania, San Pablo de B, Cruz Verde, Cu, San Jos de Ur, Villavicencio, Guayana, Cالداس, Ciudad Bolivar.

RSNC 18 06:33:04.2:0.0, 8N:2.7:8W:1, h8km, 4km, M2.2, ML1.7, Panama-Colombia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Apartado, Choc, Barichara, Pamplona, Colo, Barrancabermej, Puerto Berrio, Ocania, San Pablo de B, Cruz Verde, Cu, San Jos de Ur, Villavicencio, Guayana, Cالداس, Ciudad Bolivar.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Meteti, Bahia Solano, San Jos de Ur, Ciudad Bolivar, Univ. de Panam, Guayana, Cالداس, Puerto Berrio, San Jacinto, C, San Pablo de B.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Barichara, Pamplona, Colo, La Rusia, Puerto Berrio, San Jacinto, C, San Pablo de B, Barichara, Pamplona, Colo, La Rusia, Puerto Berrio, San Jacinto, C, San Pablo de B.

AZER 18 06:40:18.6, 41.53N:49.32E, h45km, ml2.2 DRS 18 06:40:18.3, 41.64N:49.34E, h24km MOS 18 06:40:20.3, 41.62N:49.06E, h6km, MPVA3.5

ISC 18 06:40:18.8:2.2, 41.66N:0.05:49.2E:0.1, h5km, 11km, n12, +f110/24, Caspian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Quba, Azerbaijan, Siyzn, Qusar, Derbent, Altighaj, Khinaliq, Akhty, Urkarakh, Kumukh, Arakani, UNCR, Tlyarata.

RSNC 18 06:45:06.9:0.0, 7N:1.7:3W:1, h150km, 2km, M3.5, mb4.9, mb3.9, ML3.2, ML3.9, Mwm(B)4.1, FUNVJ 18 06:45:07.8, 7.21N:72.95W, h5km, MW2.8, Presumed earthquake

IDC 18 06:45:07.1:1.7, 7.0N:76.56W, h109km, 75km, mb3.0/1, mltmp3.6/2, ML2.8/1, Error ellipse: s-maj=100.8km s-min=36.5km az=42.0

ISC 18 06:45:07.0:0.8, 6.82N:0.03:73.05W:0.05, h144km, 7km, n40, c2307/1, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Barichara, Pamplona, Colo, Barrancabermej, Puerto Berrio, Ocania, San Pablo de B, Cruz Verde, Cu, San Jos de Ur, Villavicencio, Guayana, Cالداس, Ciudad Bolivar.

RSNC 18 06:33:04.2:0.0, 8N:2.7:8W:1, h8km, 4km, M2.2, ML1.7, Panama-Colombia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Apartado, Choc, Barichara, Pamplona, Colo, Barrancabermej, Puerto Berrio, Ocania, San Pablo de B, Cruz Verde, Cu, San Jos de Ur, Villavicencio, Guayana, Cالداس, Ciudad Bolivar.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like BURAR Bucovina Array, AKASG Malin Array Be, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like KKAR Karatay Array, BVAR Borovoye Array, HFS Hagfors, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like CAIB, FSCY, SDDR, CAMR, etc.

IDC 18 10:14:13.1-1.0, 48.02S:103.77E, h0km, mb4.2/6, mbmp4.2/6, MS3.8/26, Error ellipse: s-maj=43.8km s-min=18.9km az=109.0

NEIC 18 10:14:15.9-1.4, 48.05S:01:104:1E:0.1, h10km, 1km, mb4.5/19, Error ellipse: s-maj=18.9km s-min=16.2km az=163.0

IDC 18 10:14:15.0-1.5, 48.04S:009:104:1E:0.1, h10km, n67, o68/45, mb4.5/14, MS3.9/25, Southeast Indian Ridge

IDC 18 10:15:23.9, 7.8, 51.6N:94.75E, h113km, 69km, mb3.7/12, mbmp4.1/13, MS3.3/3, Error ellipse: s-maj=45.9km s-min=12.9km az=58.0

IDC 18 10:15:19.0-0.4, 5.08N:006:94:53E:0.05, h43km, n91, o144/86, mb4.3/30, Northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their parameters.

baz=48,slow=74

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations like H04S2, BRTR, PEABO, etc.

SNET 18 10:18:47.9, 1.3, 13.02N:88.65W, h73km, ML3.4, Presumed earthquake

CATAC 18 10:18:49.6, 0.2, 13.3N:88.9W, h50km, 3km, M3.5/38, MLV3.5/38, Error ellipse: s-maj=5.9km s-min=1.7km az=26.0, confirmed

GCG 18 10:18:50.7, 1.1, 13.19N:88.68W, h60km, 18km, MD4.3, Presumed earthquake

IDC 18 10:18:49.3, 1.3, 13.06N:005:86:66W:0.03, h69km, 7km, n67, o54/0/14, El Salvador

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations like ALJI, ALJI, ALJI, etc.

DJA 18 10:15:8.0-0.9, 5.3N:3:9E, h10km, M4.6/24, mb5.4/3, mb4.7/8, MLV4.5/24, Mw(MB)4.9/3

NEIC 18 10:15:20.6, 1.7, 5.20N:007:94:75E:0.04, h76km, 6km, mb4.5/34, Error ellipse: s-maj=10.8km s-min=4.0km az=157.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Nan Shan, Datong, Fushou, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Datong, Fushou, Nan Shan, etc.

SOME 18 10:44:49.6, 42.05N, 83.55E, h20km
IDC 18 10:44:51.1, 42.11N, 83.55E, h0km, mb3.8/8,
mbmp3.8/13, ML3.1/5, Error ellipse: s-maj=17.4km
s-min=10.5km az=75.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Shalkode, Podgornoye, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Kurum, Balybastay, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Bardonecchia, Kuna River, etc.

GUC 18 10:59:42.4, 0.7, 29.133S, 71.19W, h36km, 2km, ML3.6
IDC 18 10:59:53.4, 4.6, 27.36S, 70.15W, h88km, 3.7km, mb3.5/3,
mbmp3.7/5, Error ellipse: s-maj=52.7km s-min=32.8km
az=100.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Llanos de Chal, Copiapo, etc.

WEL 18 10:05:23.2, 1.6, 34.5S, 32.179E, h249km, 60km,
ML3.9/2, mb4.2/1, ML3.9/8, MLV3.9/2, Mw(mB)3.3/1, Error
ellipse: s-maj=61.9km s-min=30.3km az=122.8,
confirmed, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WmGz, Pakihiroa, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like JAOM Aogashimamukai, JHCJ Hachiojimakas, etc.

Code Station Name Azimuth Elevation Phase ID Time Res h m s ISC

KURSB Kurchatov Arra 73.23 42 P P 12 53 01.1 +0.2
MKAR Makanchi Array 76.75 45 P P 12 53 20.8 -0.6

WRA Warramunga Arr 148.90 91 PKPbc PKPbc 13 01 17.7 -0.9

ASAR Alice Springs 149.04 96 PKPbc PKPbc 13 01 18.6 -0.3

TAP 18 13:12:11.6, 24:06N:122:37E, h25km, ML2.8, C
JMA 18 13:11:30.1, 24:0N:109:122:3E:0.4, h33km, 3km,

ISC 18 13:12:11.3, 0.9, 24, 02N:100:02:22:38E:0:02, h27km, 7km,
n120, 0:093/229, 1D, Taiwan region

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, h m s, ISC. Lists numerous stations like E0S4, E0S3, E0S2, etc.

PRE 18 13:25:41.4, 0.8, 26:00S:29:07E, h0km, ML2.2, Suspected explosion
BGSI 18 13:25:49.1, 1.5, 25:51S:29:08E, h257km, 63km, ML2.7,

BUL 18 13:25:53.7, 1.4, 25:71S:28:94E, h10km, MD3.2,
Presumed earthquake

ISC 18 13:25:41.8, 0.9, 25:94S:0:04:29:06E:0:03, h0km, n17,
c171/30, South Africa

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, h m s, ISC. Lists stations like RUST, RUST, RUST, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, h m s, ISC. Lists stations like SMLT, YM08, ZUH2, etc.

PRE 18 13:25:41.4, 0.8, 26:00S:29:07E, h0km, ML2.2, Suspected explosion

BGSI 18 13:25:49.1, 1.5, 25:51S:29:08E, h257km, 63km, ML2.7, Presumed earthquake

ISC 18 13:25:41.8, 0.9, 25:94S:0:04:29:06E:0:03, h0km, n17, c171/30, South Africa

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, h m s, ISC. Lists stations like RUST, RUST, RUST, etc.

18d 15h

s-min=26.1km az=63.0,Celebes Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

DNK 18 15:16:31.2, 1.5, 51.64N, 16.21E, h0km, ML2.8, Suspected explosion
MCSM 18 15:16:32.6, 0.4, 52.1N, 2.1E, h9km, 3km, mb3.8, MLV3.6
IDC 18 15:16:32.3, 0.8, 51.63N, 15.99E, h0km, mb3.4/2, mbtmp3.4/11, ML3.1/8, Error ellipse: s-maj=14.9km s-min=8.0km az=114.0
IPEC 18 15:16:32.8, 0.2, 51.60N, 16.12E, h1km, ML3.0/16, Error ellipse: s-maj=2.0km s-min=1.2km az=70.0
BGR 18 15:16:33.6, 0.4, 51.57N, 16.10E, h1km, ML3.0/16, Error ellipse: s-maj=4.4km s-min=2.2km az=18.0
VIE 18 15:16:34.8, 0.6, 51.44N, 15.93E, h0km, mb2.9/17, m3.1/16, ms3.3/1, Error ellipse: s-maj=6.1km s-min=3.4km az=61.0 84 km WNW of Wrocław Suspected Mining Included.

GFZ 18 15:16:34.8, 0.4, 52.1N, 2.1E, h10km, M3.5/19
ISC 18 15:16:31.2, 0.6, 51.56N, 0.02, 16.08E, 0.02, h0km, n131, a134/213, Poland

Main table of station data for the Celebes Sea region, including stations like KSP Ksiaz, CHVC Chvalec, DPC Dobruska-Polom, etc.

2020 SEP

Main table of station data for the 2020 SEP region, including stations like NOVY Kostel, Kasperske Hory, Rotzenmuhle, etc.

986

Table of station data for the 986 region, including stations like DAVOX Davos/Dischmat, DAVOX, DAVOX, etc.

Gil 18 15:25:14.2, 0.0, 33.815N, 0.002, 35.951E, 0.001, h0km, Mvs1.9, confirmed
GRAL 18 15:25:16.9, 1.6, 33.87N, 0.04, 36.03E, 0.08, h10km, gkm, n15, a084/26, Jordan-Syria region

BGSJ 18 15:30:29.3, 1.8, 24.59S, 24.45E, h108km, 29km, ML2.3, Presumed earthquake
PRE 18 15:30:36.8, 0.7, 24.12S, 25.58E, h5km, ML2.0, Presumed earthquake, Botswana

Main table of station data for the 986 region, including stations like ZAHL Zahle, RCY Rachaya, RCY, etc.

Table with columns: Station ID, Name, Date, Time, Location, Status, and various numerical values. Includes stations like PAL Palisades, L59A Walton, SUJ Sinuji, BINY Binghamton, K57A Scipio Center, etc.

Table with columns: Station ID, Name, Date, Time, Location, Status, and various numerical values. Includes stations like E24K Chandalar, E23K Chandalar, E23K Chandalar, G31M Satah River, etc.

Table with columns: Station ID, Name, Date, Time, Location, Status, and various numerical values. Includes stations like SDSA Sungai Dareh, CMC01 Camacan, BA, F15K North Star, etc.

MAK	Makhachkala	20.54 292c	iP	P	17 52 24.1	-0.3
MAK			e'SP	S	17 52 46.0	+3.6
MAK			e'S	S	17 56 09.3	-3.0
MAK			e'SS	pS	17 56 30.8	+1.6
MAK	comp=Z,290nm,1.8s		pmax			
MAK			MLR	MLR		
ALNE	Al Ain	20.67 233	P	P	17 52 25.1	-0.9
ALNE	Al Ain	20.67 233	iP	P	17 52 23.9	-2.0
SEKA	Sheki	20.68 287	P	P	17 52 27.0	+0.9
ARQ	Araqi	20.72 230	P	Pn	17 52 29.7	+0.7
BSY	Bisyra	20.77 228	P	P	17 52 27.5	+0.5
MNGR	Mingechevir, A	20.77 286	P	Pn	17 52 28.9	-0.5
SVE	Sverdlovsk	20.80 339	eP	S	17 52 26.5	-0.5
SVE			eS	S	17 56 15.0	-2.2
SVE	comp=Z,50nm,1.0s		pmax	pmax		
SVE			MLR	MLR		
AJN	Ajban	20.80 235	P	P	17 52 26.1	-1.2
AJN	Ajban	20.80 235	iP	P	17 52 26.0	-1.4
HYB	Hyderabad	20.89 167	eP	Pn	17 52 39.5	+8.5
HYB	Hyderabad	20.89 167	eP	P	17 52 29.2	+0.9
HYB			eP	pP	17 52 38.7	+0.5
HYB			eS	S	17 56 21.5	+1.9
KNGR	Kungurtug, Tuv	21.10 46c	iP	S	17 52 32.3	+1.8
KNGR			pmax	pmax		
ARTI	Arti	21.11 336	P	P	17 52 30.0	-0.3
ARTI	comp=Z,22nm,0.6s,baz=150,slow=5.7,SNR=17					
ARTI					17 56 28.8	+5.5
ARTI	comp=Z,5.2nm,0.8s,baz=31,slow=22,SNR=1.0					
ARTI					17 58 54.8	
ARTI	comp=Z,0.7nm,0.3s,baz=144,slow=19,SNR=3.4					
ARTI					18 01 43.0	
ARTI	comp=Z,697nm,18.5s,baz=146,slow=40					
ARTI					17 52 29.7	-0.6
ARTI	comp=Z,22nm,0.6s				17 56 21.0	-2.3
ARTI					17 56 45.0	-0.7
ARTI	comp=Z,76nm,1.1s					
ARTI					17 52 29.2	-1.2
ARTI	Arti	21.11 386	P	P	17 52 35.9	+2.7
GANJ	Ganja	21.36 236	P	P	18 01 22.6	
BRDH	Bariadhal	21.64 130	LR	LR	18 01 22.6	
MHTO	MHTO	21.72 223	P	P	17 52 38.2	+1.0
MHTO	SNR=20					
JRN	Garnain Island	21.98 240	P	P	17 52 38.6	-1.3
UMZA	Um Al Zomool	22.02 232	P	P	17 52 40.0	-0.2
MZWR	Madinat Zayed	22.09 236	P	P	17 52 40.0	-0.5
NAX	Nakhchivan	22.09 282	P	P	17 52 42.8	+1.7
MORE	Moreh	22.23 122	IAMB	IAMB	17 52 42.8	+0.1
MORE					17 53 02.9	
TBLG	Delisi	22.54 289	P	P	17 52 47.2	+1.3
GNI	Garni	22.59 285	P	P	17 52 47.4	+0.8
GNI	comp=Z,43nm,1.2s,baz=124,slow=7.3,SNR=29				18 02 23.8	
GNI	comp=Z,595nm,21.6s,baz=92,slow=39					
GNI					17 52 48.6	+2.0
GNI	comp=Z,186nm,1.2s					
GNI	Garni	22.59 285	P	P	17 52 45.3	-1.2
GNI	Garni	22.59 285	P	P	17 52 49.0	+2.4
GNI	comp=Z,2umcomp=Z,185nm,1.1s					
GNI	Garni	22.59 285	P	P	17 52 49.4	+2.8
GNI	comp=Z,186nm,1.1s					
GHWR	Ruwais	22.61 238	P	P	17 52 45.8	-0.9
MZR	Muzera	22.88 235	P	P	17 52 49.0	-0.6
MZR	SNR=7.9					
MZR	Muzera	22.88 235	iP	P	17 52 48.6	-1.0
MZR	SNR=8.2					
SAKG	Bahrain	22.95 245	P	P	17 52 49.1	-1.2
BELG	Belogomoye	23.23 317	LR	LR	18 02 45.5	
BELG	comp=Z,578nm,20.7s,baz=131,slow=38					
BELG	Belogomoye	23.23 317	iP	P	17 52 52.1	-0.7
BELG						
SLWR	Sila	23.34 240	P	P	17 52 53.2	-1.1
NCK	Naichik	23.43 293	iP	P	17 52 55.5	+0.5
NCK						
MOY	Mondy	23.54 46	eP	P	17 52 57.2	+1.1
MOY	comp=Z,149nm,2.7s					
HAKT	HAKKARI	23.70 278	P	P	17 53 00.4	+2.5
HAKT	comp=Z,102nm,1.5s					
KBZ	Khabaz	23.95 294	P	P	17 53 00.3	+0.5
KBZ	comp=Z,8.8nm,0.9s,baz=123,slow=8.8,SNR=7.7					
KBZ					17 52 22.4	+8.1
KBZ	comp=Z,2.1nm,0.7s,baz=82,slow=22,SNR=1.1					
KBZ					18 03 04.4	
KBZ	comp=Z,241nm,19.4s,baz=97,slow=98					
KBZ					17 53 01.4	+1.5
KBZ	Khabaz	23.95 294	eP	pmax		
KBZ						
GOF	Gofitskoye	23.96 297	eP	P	17 53 00.6	+0.6
GOF					17 57 18.7	+4.2
LZDM	Lanzhou Array	23.98 86	P	P	17 52 58.9	-1.8
LZDM	comp=Z,57nm,1.2s,baz=316,slow=6.2,SNR=6.9					
EPOS	Posof	24.05 288	P	P	17 53 03.7	+2.7
EPOS	comp=Z,82nm,1.2s					
LZH	Lanzhou	24.07 85	eP	P	17 53 01.8	+0.5
LZH					17 57 03.1	-1.4
LZH	comp=Z,73nm,1.4s					
LZH						
LZH	comp=Z,280nm,4.6s					
LZH	comp=Z,2um,14.0s					
LZH	comp=Z,3um,14.6s					
LZH	comp=Z,3um,15.2s					
NEUR	Neytrino	24.07 293	iP	P	17 53 03.0	+1.7
NEUR						
KVAR	Kislovodsk Arr	24.11 294	P	P	17 53 02.1	+0.6
KVAR	comp=Z,2.1nm,0.5s,baz=162,slow=9.6,SNR=1.6					
KIV	Kislovodsk	24.12 294	P	P	17 53 03.4	+1.8
KIV	comp=Z,2.1nm,0.5s					
KIV	Kislovodsk	24.12 294	eP	S	17 53 04.3	+2.7
KIV					17 57 18.9	+1.7
KIV	comp=Z,27nm,1.0s					
KIV	Kislovodsk	24.12 294	P	P	17 53 02.9	+1.3
KIV	Kislovodsk	24.12 294	P	P	17 53 04.6	+4.8
SHAT	Shidzhatmaz	24.13 294	iP	P	17 53 02.5	+0.7
ZAK	Zakamensk	24.39 50	eP	P	17 53 04.1	+0.1
ZAK						
TNCH	TengChong	24.66 114	P	P	17 53 06.8	0.0
TNCH					17 53 20.3	-1.7
TNCH					17 57 24.1	-2.3
TNCH	comp=Z,84nm,1.4s					
TNCH	comp=Z,350nm,2.7s					
TNCH	comp=Z,3um,13.7s					
TNCH	comp=Z,2um,15.1s					
TNCH	comp=Z,3um,11.8s					
TLY	Talaya	25.06 47	P	P	17 53 10.1	+0.2
TLY					17 53 21.3	
SHAO	Shalim	25.41 224	P	P	17 53 14.1	+0.8
LABN	Labinsk	25.57 296	eP	P	17 53 14.9	+0.3
LABN	comp=Z,73nm,0.9s					

IRK	Irkutsk	25.63 46	eP	P	17 53 16.4	+1.3
IRK	comp=Z,79nm,2.2s					
CD2	Chengdu	25.66 97	P	S	17 53 16.3	+0.6
CD2			S	pmax	17 57 46.6	+4.5
CD2	comp=Z,40nm,0.7s					
CD2	comp=Z,2um,12.7s					
CD2	comp=Z,2um,13.2s					
CD2	comp=Z,2um,13.2s					
SONM	Songino Array	25.71 57	P	P	17 53 16.8	+0.7
SONM	comp=Z,44nm,1.0s,baz=258,slow=10,SNR=137					
SONM	comp=Z,0.9nm,0.9s,baz=339,slow=21,SNR=1.0					
SONM					18 03 51.3	
SONM	Songino Array	25.71 57	P	IAMB	17 53 16.4	+0.3
SONM	comp=Z,49nm,0.8s				17 53 25.5	
ERBR	Yeremizino-Bor	25.82 298	eP	S	17 53 17.3	+0.4
ERBR			eS	S	17 57 38.4	-5.9
ERBR	comp=Z,35nm,1.2s					
ERBR	comp=Z,1um,14.0s					
KIRV	Kirov	25.97 330	LR	LR	18 03 45.3	
KIRV	comp=Z,949nm,18.9s,baz=132,slow=37					
KIRV	Kirov	25.97 330	eP	P	17 53 18.7	+0.6
KIRV	comp=Z,2um,19.7s,baz=266,slow=38					
VSLR	Vesolyoye	26.02 293	iP	P	17 53 21.4	+2.6
VSLR	comp=Z,28nm,0.8s					
DMTO	DMTO	26.03 224	P	P	17 53 19.3	+0.3
VRH	Novokhopovsk	26.14 311	eP	P	17 53 20.9	+1.2
VRH	comp=Z,28nm,0.8s					
ULN	Ulanbaatar	26.16 57	P	P	17 53 20.9	+0.8
ULN	Ulanbaatar	26.16 57	eP	P	17 53 20.2	+0.1
ULN	comp=Z,84nm,2.5s					
ULN	Ulanbaatar	26.16 57	P	IAMB	17 53 20.4	+0.2
ULN	comp=Z,37nm,0.9s				17 53 29.4	
ULN	Ulanbaatar	26.16 57	P	P	17 53 20.8	+0.6
ULN	comp=Z,46nm,0.8s					
PZH	PanZhiHua	26.20 108	P	S	17 53 23.9	+3.3
PZH			S	S	17 57 52.3	+1.6
PZH			S	S	17 58 10.3	+1.9
PZH	comp=Z,40nm,0.9s					
SOC	Sochi	26.25 293	eP	P	17 53 24.2	+3.4
SOC			eS	S	17 54 02.2	
SOC			eS	S	17 57 54.1	+3.0
SOC	comp=Z,33nm,1.0s					
SOC						
WHFO	Wadi Hawf	26.53 227	P	P	17 53 23.2	-0.4
WHFO	SNR=5.9					
NPW	Naypyitaw	26.58 127	P	P	17 53 25.3	+1.3
NPW	comp=Z,62nm,0.8s					
RBK	Rabkut	26.61 225	P	P	17 53 24.3	0.0
KELT	Kelkit	26.77 286	P	P	17 53 28.7	+2.9
KELT	comp=Z,120nm,1.4s					
ARPR	Arapgir-MALATY	27.62 283	P	IAMB	17 53 31.9	-1.4
ARPR					17 53 46.1	
ARPR	comp=Z,37nm,1.0s					
ARPR	Arapgir-MALATY	27.62 283	P	P	17 53 36.6	+3.3
ARPR	comp=Z,36nm,1.3s					
VSR	Storzhevoye	27.68 310	eP	P	17 53 35.2	+1.6
VSR						
KMI2	Kunming	27.70 109	P	P	17 53 39.0	+4.7
KMI2	comp=Z,15nm,0.8s				17 53 49.8	+0.5
KMI2	comp=Z,16nm,1.1s					
KMI2	comp=Z,2um,16.1s					
KMI2	comp=Z,670nm,16.4s					
ANN	Anapa	27.92 296	eP	P	17 53 37.5	+1.7
ANN						
ANN	comp=Z,62nm,2.1s					
ANN	comp=E,1um,18.0s					
ANN						
BTO2	Baotou	27.97 73	eP	P	17 53 37.1	+0.7
BTO2			pP	pP	17 53 48.8	-2.8
BTO2			sP	pP	17 53 54.5	+7.4
BTO2			PP	Pn	17 54 27.3	+3.4
BTO2			S	S	17 58 15.8	-2.6
BTO2			sS	S	17 58 37.1	+1.2
BTO2			S	S	17 58 37.3	+3.4
BTO2	comp=N,29nm,0.6s					
BTO2	comp=N,220nm,3.9s					
BTO2	comp=N,3um,16.6s					
BTO2	comp=N,3um,19.0s					
BTO2	comp=N,5um,18.4s					
RAYN	Ar Rayn	28.07 247	P	P	17 53 36.6	-0.9
RAYN	Ar Rayn	28.07 247	P	P	17 53 35.1	-2.4
RAYN	comp=Z,17nm,0.9s					
RAYN	Ar Rayn	28.07 247	P	P	17 53 35.1	-2.4
RAYN	Ar Rayn	28.07 247	iP	P	17 53 35.8	-1.6

18d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Carcaliu, Lubar, Ukraine, Hilar Array B, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like NIE Niedzica, HEH Heizhe, VADS Vado, etc.

1000

Table with columns for station name, frequency, power, and other technical details. Includes stations like USRK, TIXI, TIKSI, etc.

18d 18h

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like ARCES ARCES Array B, VOI Spits, HFS Hagfors, NOA NORARS Array B, etc.

SOME 18 18:40:20.6, 40.15N; 77.25E, h10km
NCC 18 18:40:21.9, 1.4, 40.19N; 77.24E, h0km, mb3.6, mpv3.1, Error ellipse: s-maj=9.4km s-min=5.9km az=166.0

KRNET 18 18:40:26.0, 0.1, 40.32N; 77.13E, h20km, mb3.3
ISC 18 18:40:26.0, 1.6, 40.31N; 0.077, 16E, 0.04, h10km, n32, s158/52, 11C-17D, Kyrgyzstan-Xinjiaing border region

Main station list table for 18d 18h. Columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like NRN Naryn, TARG Taragay, KDJ Kajisay, ULHL Ulahol, etc.

BUI 18 18:43:21.2, 2.06N; 126.90E, h19km, mb5.2/26, mb5.3/76, Ms4.6/61, Ms7.4/5/59
MOS 18 18:43:24.9, 0.9, 2.45N; 126.78E, h23km, mb5.5/64, Error ellipse: s-maj=7.7km s-min=4.1km az=115.0
IDC 18 18:43:27.6, 1.7, 2.41N; 126.76E, h29km, 11km, mb5.0/39, mbmp5.2/41, MLL4.8/2, MS4.2/50, Error ellipse: s-maj=13.6km s-min=7.0km az=76.0
NEIC 18 18:43:28.1, 1.8, 2.40N; 0.04, 126.80E; 0.05, h32km, 3km, mb5.4/250, Mw5.2/13, Error ellipse: s-maj=8.0km s-min=5.9km az=62.0
GFZ 18 18:43:29.4, 2.52N; 126.87E, h40km, Mw5.2/31, Moment Tensor Solution. Moment tensor: Scale 10^16 Nm; Mn=6.41; Mw=0.10; Mw=6.31; Mw=0.69; Mw=2.85; Mw=3.18; Fault plane solution: M1: 7.68635x10^16 Np1; q=196.85005; s57.62507; 184.85826; NP2: 26.388931; s32.73678; 188.04574; Principal axes: T: 7.1552, Plg76.7597; Azm90.7875; N: 0.9702, Plg4.3408; Azm193.6085; P: -8.1254, Plg12.4840; Azm290.5715; GFZ 18 18:43:29.3, 1.0, 3.1N; 2.12E; h10km, Ms3.8/6, mb5.5/86, confirmed
GCMT 18 18:43:32.1, 0.1, 2.63N; 0.01, 126.76E; 0.01, h34km, Mw5.3/130, Moment Tensor Solution. s101, c165;

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s130,c218; Duration: 151 Moment tensor: Scale 10^17 Nm; Mn=0.73; 0.2; Mw=0.09; 0.1; Mw=0.64; 0.2; Mw=0.03; 0.2; Mw=0.52; 0.1; Mw=0.62; 0.2; Best double couple: M1: 0.9100; 10.17; NP1: s56.00000; s34.00000; lambda129.00000; NP2: s192.00000; s64.00000; lambda67.00000; Principal axes: T: 1.0090, Plg63.0000; Azm64.0000; N: 0.1640, Plg21.0000; Azm203.0000; P: -1.1730, Plg16.0000; Azm299.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
DJA 18 18:43:33.0, 0.3, 1.3N; 12.7E; h65km, 3km, Ms5.0/107, mb5.5/66, mb5.3/107, MLL5.0/175, MW(mb)5.0/66, MwMwp5.0/23, Mwps5.3/23
ISC 18 18:43:28.6, 0.3, 2.24N; 0.02, 126.88E; 0.03, h40km, 3km, h40km; pP-P, n957, s169/927, mb5.4/340, MS4.3/79, 68C-6D, Northern Molocca Sea

Main station list table for 2020 SEP. Columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like TINTI Ternate, TNTI Ternate, TMTI Ternate, etc.

1002

Main station list table for 1002. Columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like GENI Genyem, PLAI Genyem, PLAI Plampang, etc.

1005

Table with columns: Station, Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like ZSN Zaisan, SHLS Shaikode, PDGK Podgornoye, etc.

2020 SEP

Table with columns: Station, Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like KBL Kabul, KURBB Kurchatov, etc.

18d 18h

Table with columns: Station, Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like J17K VABM Dome, H17K Granite Mounta, etc.

18d 20h

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like Port Moresby, Stephens Creek, Alice Springs, etc.

2020 SEP

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, etc. Includes stations like Conard Observa, RONA Rosalia, BIOA Bad Ischl, etc.

1008

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like Kotyrbulak, Medeo, Almaty, etc.

Table with columns for code, name, frequency, and other parameters. Includes entries like NBPV Pedro Velho, RCBR Riachuelo, and various other stations.

Table with columns for code, name, frequency, and other parameters. Includes entries like TORO Torodi Ar. Bea, CLDB Colider, and various other stations.

Table with columns for code, name, frequency, and other parameters. Includes entries like CMLA Lagoa das Cont, PICO Pico, and various other stations.

Table with columns: PKME, IAMS_20, IAMS_20, 22 12 45.1, and various station names like Peaks-Kenny Pk, BOJanci, Accomac, Drossia, Ossiafield, etc.

Table with columns: PDG, Podgorica, 58.45 39 P, P, 21 53 53.6 -0.9, and various station names like Banja Luka, Grafenberg Arr, West of Eustis, etc.

Table with columns: TRY, IAMB, IAMB, 21 54 07.9, and various station names like ARZBERG, GEFRESS Array S, GEFRESS Array S, etc.

Table with columns for station code, name, elevation, frequency, and various signal quality metrics. Includes stations like OKC, SRE, Q54A, Q54B, etc.

Table with columns for station code, name, elevation, frequency, and various signal quality metrics. Includes stations like TKL, GO08, MARR, COPA, etc.

Table with columns for station code, name, elevation, frequency, and various signal quality metrics. Includes stations like N51A, BUKO, CTYL, ARCH, etc.

18d 21h

Table with columns for call sign, name, frequency, power, mode, and coordinates. Includes stations like 049A Covington, HARR Harsova, KONO Kongsberg, etc.

2020 SEP

Table with columns for call sign, name, frequency, power, mode, and coordinates. Includes stations like WCI Wyandotte Cave, TLCR KMPD, MSBI Mazeda, etc.

1020

Table with columns for call sign, name, frequency, power, mode, and coordinates. Includes stations like SUW Suwalki, Y45A Yeager Farm, RNP99 Sopachiv, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like AKASG, Malin Array Be, and various FM/AM stations.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like ATD, Arta Tunnel, and various FM/AM stations.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like MOR8, U38A, and various FM/AM stations.

18d 21h

Table with columns: PUL, Name, Time, Status, P, Pmax, Value, Offset. Includes entries like Pulkovo, Azle, Hebronville, etc.

2020 SEP

Table with columns: KIV, Name, Time, Status, Pmax, Value, Offset. Includes entries like Kislodvsk, Kislodvsk, Kislodvsk, etc.

1022

Table with columns: NVL, Name, Time, Status, eSSS, SSS, Pmax, Value, Offset. Includes entries like NVL, SMWD, DAG, etc.

18d 22h

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like PECS Pecos, TPB07 Mentone, TPB12 Southwest of T, etc.

2020 SEP

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like 121A Cookes Peak, Y22A Socorro, DKNs Dickens, etc.

1028

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like MT04, MT13 San Alfonso, VA03 San Esteban, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VLS, Valsamata, GOURA, Lakka, Plevona-Mesol, etc.

18d 22:32:21.9+0.7, 62'32Sx58'14W, h0km, mb4.2/9, mbtmp4.2/10, ML3.9/1, Error ellipse: s-maj=22.9km

NEIC 18 22:32:23.1+1.6, 62'34S, 0'05:58:6W, 0.2, h10km, 1km, mb4.8/35, Error ellipse: s-maj=13.0km s-min=7.6km

ISC 18 22:32:22.8-0.5, 62'34S, 0'07:58:42W, 0.08, h10km, n74, c084/64, mb4.7/25, 5C-1D, South Shetland Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ESPZ, PMSA, PMSA, ORCD, MG03, VNA3, LL02, LL02, VNA1, VNA2, SNAA, SNAA, SNAA, LL05, PLCA, PLCA, GO06, GO06, TROLL, BIOD, BIOD, ML02, ML02, QSPA, QSPA, GO05, BO02, BO02, BO01, BO01, MT09, MT09, MT08, MT08, VA05, MT16, ELIB, VA03, CO01, CO01, LCO, AC04, GO03, GO03, CPUP, AC02, AC01.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AC01, SBA, VNA, VNA, VNA, VNA, MAW, MAW, PB12, PB12, PB16, PB16, H10S2, H10S2, BOS, BOS, BOS, BOS, H10A3, H10A3, BOS, BOS, H10N3, H10N3, H10N1, H10N1, H10N2, H10N2, ASAR, ASAR, WRA, WRA, WRA, WRA, Y49A, Y49A, V61A, V61A, CMAR, CMAR, ILAR, ILAR, ARCES, ARCES, SPITS, SPITS, LZDM, LZDM, BVAR, BVAR, MKAR, MKAR, MKRB, MKRB, KURK, KURK, ZALV, ZALV, SONM, SONM.

NOU 18 22:38:32.7, 39'58S, 174'29E, h204km, MLV3.6/16, North Island, New Zealand

WEL 18 22:38:35.1+0.9, 40'58S, 174'41E, h191km, 6km, M2.8/10, ML2, 4/9, ML2/8/10, Error ellipse: s-maj=10.1km

ISC 18 22:38:30.3-2.0, 39'50S, 0'05:174'20E, 0.06, h225km, 11km, n99, c154/115, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LREZ, LREZ, LREZ, LREZ, NEZ, NEZ, NEZ, NEZ, KHEZ, KHEZ, KHEZ, KHEZ, NMEZ, NMEZ, DREZ, DREZ, NBEZ, NBEZ, HUKS, HUKS, MHZ, MHZ, VRZ, VRZ, WAZ, WAZ, WAZ, WAZ, WCDZ, WCDZ, PKVZ, PKVZ, PKVZ, PKVZ, ORCS, ORCS, ORCS, ORCS, MVTZ, MVTZ, MVTZ, MVTZ, TRVZ, TRVZ, TRVZ, TRVZ, FWWZ, FWWZ, FWWZ, FWWZ, MAZV, MAZV, MAZV, MAZV, COVZ, COVZ, COVZ, COVZ, VNVZ, VNVZ, VNVZ, VNVZ, WHVZ, WHVZ, HIZ, HIZ, HIZ, HIZ, NGZ, NGZ, HNZ, HNZ, TVVZ, TVVZ, SNVZ, SNVZ, OTVZ, OTVZ, KRVZ, KRVZ, MOVZ, MOVZ, NTVZ, NTVZ, ETVZ, ETVZ, TMVZ, TMVZ, FXBS, FXBS, DUVZ, DUVZ, DUVZ, DUVZ, RITZ, RITZ, RITZ, RITZ, WATZ, WATZ, BHZ, BHZ, KWZ, KWZ, TSZ, TSZ, POWZ, POWZ.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OGWZ, MRZ, PNHZ, KRHZ, FCW, DMHZ, PRWZ, HOWZ, KWHZ, CAW, BKZ, BKZ, BKZ, WPHZ, NNZ, NNZ, WEL, WEL, QRZ, MRHZ, SNZO, SNZO, ALNZ, ALNZ, MTW, MTW, TUWZ, BFZ, BFZ, BFZ, BFZ, ARHZ, ARHZ, TRWZ, PLWZ, BSWZ, KHZ, CMWZ, MUCZ, RAHZ, KRZ, URZ, URZ, KHZ, MXZ, JCZ, ODZ.

IDC 18 23:11:12.2+1.5, 1'35N, 123'86E, h0km, mb3.6/4, mbtmp3.6/5, ML3.9/1, Error ellipse: s-maj=14.10km

s-min=21.2km az=66.0

DJA 18 23:11:19.5+0.6, 1'N, 124'12'E, h25km, 6km, M4.1/13, mB5.3/1, mb4.4/3, MLV3.9/13, Mv(mB)4.7/1

ISC 18 23:11:18.6-1.2, 1'08N, 0'10:123'E, 0.1, h35km, n12, c155/11, mb3.6/4, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GTOI, GTOI, MNI, MNI, LUWI, LUWI, APSI, APSI, SANI, SANI, KDI, KDI, NLAI, NLAI, FITZ, FITZ, FITZ, WRA, WRA, ASAR, ASAR, MKAR, MKAR, KURBB, KURBB.

IDC 18 23:34:23.8+0.7, 62'17S, 57'55W, h0km, mb4.0/9, mbtmp4.0/10, ML3.0/1, Error ellipse: s-maj=22.2km

s-min=14.9km az=113.0

NEIC 18 23:34:24.8+2.2, 62'29S, 0'06:58'27W, 0.0, h10km, 1km, mb4.9/10, Error ellipse: s-maj=12.4km s-min=3.9km

ISC 18 23:34:24.7-0.5, 62'22S, 0'06:57'96W, 0.08, h10km, n35, c181/31, mb4.3/14, South Shetland Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ESPZ, ESPZ, PMSA, PMSA, PMSA, VNA1, VNA1, VNA2, SNAA, SNAA, PLCA, PLCA, PLCA, GO06, GO06, QSPA, QSPA, QSPA, BO04, BO04, PMSA, PMSA, PMSA, PMSA, AC02, AC02, AC01, AC01, MAW, MAW, PB16, PB16, BDFB.

19d Oh

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BOSA Boshof, H10N3 ASCENSION HYDR62.83, etc.

MDD 18 23:38:39.8, 0.37, 06N:12.91W, h15km, Mb4.1/10, M_mb3.5/10, Error ellipse: s-maj=7.0km s-min=5.9km

IGIL 18 23:38:40.1, 36.92N:13.10W, h31km, ML2.0, CNRM 18 23:38:40.8, 36.78N:12.95W, h71km

INMG 18 23:38:42.0, 1.36, 92N:13.10W, h10km, 10km, ML2.4, Error ellipse: s-maj=4.0km s-min=2.3km az=125.0

#DIST_RANGE: REGIONAL #PMA REGION: Josephine ISC 18 23:38:40.0, 2.4, 37.06N:0.05, 12.6W:0.1, h10km, n74, #219/135, 9C, Azores-Cape St. Vincent Ridge

Main table of station data for the 19d Oh period, including stations like PVFV Vila Bisbo, MORF Marlete, etc.

2020 SEP

Table of station data for 2020 SEP, including stations like PVIS Viseu, PMAR Madeira, etc.

IDC 18 23:46:39.6, 10.0, 31.50S:179.49W, h217km, 107km, mb3.2/2, mbtmp3.7/3, Error ellipse: s-maj=102.2km

WEL 18 23:46:48.5, 1.1, 32.5, 18.0W:2.4, h318km, 24km, M4.2/6, mb4.4/3, ML4.1/12, MLv4.3/6, Mw(mb)3.6/3, Error ellipse: s-maj=32.6km s-min=11.6km az=108.2, confirmed

ISC 18 23:46:48.2, 2.0, 32.1S:0.1x179.7W:0.2, h300km, n26, #159/40, South of Kermadec Islands

Main table of station data for the 2020 SEP period, including stations like MXZ Matakaoa Point, WMGZ Waionatati S, etc.

1030

Table of station data for 1030, including stations like BHHZ Black Hill Sta, PNHZ Pukenui, etc.

FUNV 18 23:47:10.6, 10.76N:62.40W, h31km, MW3.1, Presumed earthquake

TRN 18 23:47:11.6, 10.76N:62.03W, h101km, MD3.5, North of the Paria peninsula

ISC 18 23:47:09.0, 1.3, 10.69N:0.06, 62.45W:0.04, h75km, n10, #120/20, Near coast of Venezuela

Table of station data for the 1030 period, including stations like DMDM Guralp CMG5TDE, PSMG Mucurapo Girls, etc.

IDC 18 23:52:49.5, 1.4, 2.74N:128.75E, h0km, mb3.7/6, mbtmp3.7/6, Error ellipse: s-maj=95.6km s-min=18.3km

DJA 18 23:52:57.0, 1.2, 3.2N:8.12E, h20km, 5km, M4.2/12, mb4.9/1, mb4.2/4, MLv4.1/12, Mw(mb)4.2/1

ISC 18 23:52:56.8, 0.9, 2.44N:0.08, 128.50E:0.09, h35km, n18, #29/13, mb3.9/5, Halmahera

Main table of station data for the 1030 period, including stations like NNTI Ternate, MNTI Manado, etc.

IDC 18 00:25:46.6, 0.9, 9.44S:75.45W, h0km, mb4.1/2, mbtmp4.0/6, ML3.7/4, Error ellipse: s-maj=18.0km

ISC 19 00:25:48.0, 0.9, 9.41S:0.08, 75.52W:0.09, h10km, n7, #221/9, Central Peru

Main table of station data for the 1030 period, including stations like NNA Nana, ATAH Athualpa, etc.

IDC 19 00:36:14.4, 5.1, 12.59S:167.35E, h0km, mb3.7/3, mbtmp3.7/3, Error ellipse: s-maj=25.2km

s-min=35.0km az=140.0, Santa Cruz Islands

Table of station data for the 19 00:36:14.4 period, including stations like WRA Warramunga Arr, ASAR Alice Springs, etc.

Presumed earthquake
NEIC 19 02:21:07.0.1.1.9.89N.0.04.84.36W.0.02,h10km,2km,
ML3.3/17.8,Error ellipse: s-maj=7.3km s-min=3.0km
az=18.0

UPA 19 02:21:08.3.1.7.10.13N.84.32W,h12km,1.2km,MW3.6,
Presumed earthquake
ISC 19 02:21:06.9.0.8.9.88N.0.02.84.37W.0.02,h8km,5km,
n111,e0974/147.3,1D, Costa Rica

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PURI Puriscal, ATEO Atenas, SANTA Santa Ana, BELE Belen, GREC Grecia, SARCI Sarchi, ACOS Acosta, ACARACAN Naranjo de Ala, POAS San Pedro de P, RAMO San Ramon, PAVB Pavas, San Jos, HEREDIA Heredia, HCD Heredia, MEXI Barrio Mexico, CENT San Jose, DOMI Santo Domingo, LUJA Lujan, AMPA Desamparados, TIBA Tibas, ESCUELA Escuela Geolog, LUPE Guadalupe, SJS3 Mercedes San J, ESCUELA Escuela Centro, ARZA Esparza, VPOAS V Poas, VBARVA V Barva, SAN PABLO San Pablo, BITO Tres Rios, CORON Coronado, VPLATANAR V. Platanar, PITB Pirras, San, VPL2 V. Platanar, TAGO Cartago, CIMVO Finca Echandi, QUELU Ciudad Quesada, PIEC Cerro El Cedral, ARTO Ro Cuarto, REPA Paraso, PECA Volcano Irazu, PCAYA Pacayas, RAFA San Farael, Vo, RAFA San Farael, Vo, PAGE Paquera, CVTO Turrubial Volc, VTRIO Volcan Turrubial, CVTR Volcan Turrubial, VTCV VTCV, Calle Va, HFOR Fortuna, FORC Fortuna, PILE Guapiles, CASO Castillo, YACR Volcan Arenal, TURIB Turrubial, ARE1 Arenal 1, VAREZ V. Arenal, CEDE Laguna Cedeo, JTS Las Juntas de, JTS Las Juntas de, REZ Monterrey de S, TABAC Tabacon, RVLV Villa Bonita, LCOLO El Cocco, TILA Tilaran, COTE Lago Cote, NYURE Nandayure, CNAS Canas, QUEB Quebradon, Cot, TIMP Tierras Morena, TENO El Achiotte, CMARA Lajas Hojancha, CMARA Lajas Hojancha, BAGARA Pejibaye, P, BAGARA Bagaces, CUI Cuiplapa, COL Colombia, HORNC Hornillos, CANAL Canaleta, MESS Messas, VMAR Armenia, Volca, JUD3 Juan Diaz 3, JUD3 Juan Diaz 3, CLARA Aguas Claras, GPS2 Hotel Rincon d, WRLE La Escondida, VORI VORI, ALIBA Liberia Airpor, LAPC Finca la Perla, PEJA Penjamo Buenos, CEUA Cerro Uatsi, L, GARN Rivas, CARN comp=N,238nm,0.9s, CARN comp=E,384nm,0.9s, CARN Rivas, VITO San Vito, VITO VITO, RGM0 Gandoca, PIRO Carate, Puerto, PIRO comp=E,344nm,0.3s, PIRO comp=N,360nm,0.4s, PIRO Carate, Puerto, NELY Ciudad Neily, NELY Ciudad Neily, BRU2 Volcan, BRU2 comp=E,289nm,0.7s, BRU2 comp=N,258nm,0.7s, BRU2 Volcan, BRU2 Volcan, BRU2 MESS

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CLLRA Cordillera, BOTLY Boquete Panama, BOTLY Boquete Panama, LMNES Limones, RBALA Bur, RBALA Bur, KAKINT Kakin, BOAB BOACO BROADBA, BOAB comp=N,71nm,0.5s, BOAB comp=E,118nm,0.6s

IDC 19 02:29:00.7.1.6.24.22N.141.52E,h0km,mb3.4/4,
mbtmp3.4/4,Error ellipse: s-maj=53.3km s-min=34.1km
az=86.0
JMA 19 02:29:18.1.0.1.24.1N.141.52E,h150km,MV4.3/7,
OTCOTOLANDS REGION
ISC 19 02:29:17.8.1.3.24.33N.0.1.141.33E.0.2,h150km,n8,
r120.0,mb3.3/4,Volcano Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JHH2 Haha-jima-NKT2, JHH2 Haha-jima, CBIJ Chichi jima, BSO1 Boso 1, BSO3 Boso 3, WRA Warramunga Arr, MKAR Makanahi Array, KURBB Kurchatov Arra, ILAR Eileison Array

KEA 19 02:32:56.2.40.40N.122.23E,h18km,ML4.1/4
IDC 19 02:32:58.0.1.2.40.55N.122.36E,h0km,mb3.9/3,
mbtmp3.8/7,ML3.5/4,MS3.4/2,Error ellipse: s-maj=17.3km
s-min=1.6km az=38.0
ISC 19 02:32:58.7.1.1.40.43N.0.09.122.39E.0.07,h10km,n15,
r127/17,mb3.9/3,Northeastern China

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SUJ Sinuiju, SUJ Sinuiju, SUJ Sinuiju, PYS Pyongsong, PYS Pyongsong, PYG Pyongyang, PYG Pyongyang, PYG Pyongyang, KGE Kanggye, KGE Kanggye, KGE Kanggye, HHU Hamhung, KRSR Korea Array, KRSR Korea Array, KRSR Korea Array, USRK Ussuriysk Ar., USRK Ussuriysk Ar., USRK Ussuriysk Ar., HILR Hailar Array B, HILR Hailar Array B, JNU Nakutsue, JNU Nakutsue, KLR Kul'dur, KLR Kul'dur, SONM Songino Arra, KURBB Kurchatov Arra, FINES FINESS Array B, NOA NORSAR Array B, ANMO Albuquerque, JMA 19 02:46:05.9.0.1.24.1N.10.122.21E.0.5,h25km,3km,
MV2.6/13,TAIWAN REGION
TAP 19 02:46:06.3.24.04N.122.21E,h21km,ML3.1,C
ISC 19 02:46:06.1.0.9.24.01N.0.02.122.21E.0.02,h24km,2.7km,
n105,e0982/170,Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TWC Suao, TWC Suao, TWC Suao, JICHI Jichi Village, XIULIN Xiulin Townshi, XIULIN Xiulin Townshi, SHIIN Shilin, DONGSHAN Dongshan, YONGUNIJIMAKU Yongunijimaku, FENGLIN Fenglin Townsh, DATONG Datong, YONAGUNI JIMA Yonaguni jima, YONAGUNI JIMA Yonaguni jima, DATONG Datong, NEICHENG Neicheng, DATONG Datong Townshi, HEHUAN Hehuan Shan, RUISUI Ruisui, FUSHANZHUYUYA Fushanzhiwuyua, WANRAN Wanran, RENAI Renai, HUNGYE Hungye, TACHIAN Tachien, ECBN Changbin, TECHI Techii, WUSB Wusb, WULAI Wulai, YEHENG Yeheng, SANTIAGO SANTIAGO, SHUANGXI Shuangxi, SANGUANG Sanguang, YULB Yulb, YULI Yuli, MUCHA Mucha, WUFEN WU-fen Shan, WUFEN WU-fen Shan, FUJI Fuji, SUANGLUANG Suanglung, WUFENG Wufeng Townshi, TAICHUNG TAICHUNG, BEIANG BEIANG, CHENGKUNG Chengkung, TNOU National Taiwan, SUN MOON LAKE Sun Moon Lake, GUANXI Guanxi Townshi, YUCHR Yuchr, HAIDUAN Haiduan, EMEI Emei, YU-SHAN Yu-Shan, YUS YUS, NANJIAN Nanjian, YMO1 YMO1, XINYI Xinyi Township, ZHUYI Zhuyi, ZHUYI Zhuyi, YMO1 YMO1, LYBON Lybon, LYBON Lybon, ZHANGHUA Zhanghua, WJWS Zhushan, WJWS Zhushan, CHENHUA Chenhua, ALISHAN Alishan, WNT Mingjian, WNT Mingjian, IRIF Iriomote-Funau, HATERUMU HATERUMU, ZHANGHUA Zhanghua, STYH Taoyuan, STYH Taoyuan, WDLH Douliu, WDLH Douliu, BEINAN Beinan, WCKO Fanlu, WCKO Fanlu, TWG Pinlang, TWG Pinlang, TAPU Ta-pu, TAPU Ta-pu, WTP Ta-pu, WTP Ta-pu, KUROSHIMA Kuro-shima, GUILIERIN GUILIERIN, RLNB Erlin, RLNB Erlin, CHYI Chiyai, CHYI Chiyai, HSYNING Hsinying, HSYNING Hsinying, NANSHI Nanshi, NANSHI Nanshi, LIUGUI Liugui, LIUGUI Liugui, ISHIGAKI Ishigaki jima, SANDIMEN Sandimen, ISHIGAKIJIMAHU Ishigakijimahi, MASBUBU Masbubulu, MASBUBU Masbubulu, SHOUSHAN Shoushan, ANSHOU Anshou, EAST EAST, CHIGU Chigu Township, FANGLIU Fangliu, SCZT SCZT, PHUB P'eng-hu, PHUB P'enghu, PENGHU Penghu, WUUC WUUC, WUUC WUUC, KRNET 19 03:02:49.2.0.1.42.57N.79.02E,h22km,mb2.8
NNC 19 03:02:50.9.1.3.42.62N.79.00E,h0km,mb3.4,mpv2.5,
Error ellipse: s-maj=7.9km s-min=5.5km az=167.0
SOME 19 03:02:50.2.42.57N.78.90E,h10km
ISC 19 03:02:49.7.1.4.42.55N.0.04.78.97E.0.04,h2km,1.1km,
n21,e0884/41,6C-6D,Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Przheval'sk, Uzynbulak, SHLS, SHLS, SHLS, etc.

IDC 19 03:21:29.2, 2.2, 2.3, 245:67.49W, h152km, 22km, mb2.9/3, mbmp3.4/7, Error ellipse: s-maj=30.2km s-min=22.9km az=67.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like San Pedro de A, IPOC Station P, Warramunga Arr, etc.

Table with columns: AC01, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Pisagua, Copiapo, IPOC Station P, etc.

IDC 19 03:23:04.8, 1.4, 7.27S, 127.79E, h0km, mb4.0/3, mbmp3.8/5, ML3.4/2, Error ellipse: s-maj=43.0km s-min=16.5km az=76.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Fitzroy Crossi, Warramunga Arr, Alice Springs, etc.

IDC 19 03:46:12.4, 0.9, 17.49S, 173.79W, h0km, mb4.0/5, mbmp4.1/7, ML3.4/2, MS3.3/6, Error ellipse: s-maj=29.0km s-min=19.9km az=151.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Niue, Afiamalu, Rarotonga, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Karang Ratu, Namlea, Ambon, Masohi, etc.

IDC 19 03:56:52.2, 3.2, 3.06N, 128.14E, h0km, mb3.5/4, mbmp3.5/4, Error ellipse: s-maj=295.4km s-min=27.3km az=66.0, North of Halmahera

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Warramunga Arr, Alice Springs, Stephens Creek, etc.

IDC 19 03:58:47.2, 7.0, 20.28S, 178.85W, h0km, mb3.6/4, mbmp3.6/4, Error ellipse: s-maj=301.4km s-min=41.6km az=146.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Warramunga Arr, Alice Springs, etc.

IDC 19 04:00:52.2, 4.9, 1.85N, 129.49E, h0km, mb3.3/3, mbmp3.4/3, Error ellipse: s-maj=387.8km s-min=28.8km az=69.0, Halmahera

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Peshkopja, Tirane, Shkodra, etc.

19d 5h

MV2.4/14.NW OFF ISHIGAKIJIMA IS
TAP 19 05:22:24.1,25.00N,122.59E,h122km,ML3.6,C
ISC 19 05:22:22.9,1.3,24.97N,122.60E,0.03,h135km,6km,
n146,e19,07/282,1D,Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like TWB1, JYNG, YONJ, etc.

2020 SEP

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like WARB, EGPH, NMLH, etc.

1036

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like JMA, JMA Felt J1, NEIC, etc.

1039

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like EW2, BLAC, DPP, PFO, PFM, BORC, etc.

2020 SEP

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like NVAR, NVAR, NVAR, CMB, PIX, JRSC, etc.

19d 6h

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like FPAL, CMIG, W50A, CPCT, CPCT, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like H11S2 WAKE ISLAND Hy 29.16, H11S3 WAKE ISLAND Hy 29.16, etc.

IDC 19 07:38:19.9,4.0,36.68S,177.72E,h134km,25km,mb3.4/3, mbmp3.8/3, Error ellipse: s-maj=54.3km s-min=24.2km az=48.0

NOU 19 07:38:21.1,37.12S,177.65E,h177km,ML4.0/13, Off E. Coast of N. Island, N.Z.

WEL 19 07:38:24.0,9.37S,177.8E,h151km,6km,M3.5/6,4, ML3.4/30,MLv3.0, Error ellipse: s-maj=8.5km s-min=4.6km az=52.5, confirmed

ISC 19 07:38:24.6,0.8,37.20S,107.7744E,0.06,h171km,5km, n167,r166/179,mb3.7/6,4C, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like WSRZ White Island S, WSRZ White Island, WIZ White Island, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like RAGZ Ngongotaha, RRRZ Republican Roa, RRRZ Kaimai, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like WPHZ Waipukurau, TSZ Takapari Road, PRHZ Porangahau, etc.

IDC 19 08:00:13.8,0.8,4.99N,123.39E,h0km,mb3.9/9, mbmp3.9/9,MS3.5/2, Error ellipse: s-maj=48.6km s-min=15.6km az=71.0

MAN 19 08:00:58.0,4.499N,124.03E,h452km,MS4.0 ISC 19 08:00:57.5,0.9,4.94N,124.1E,0.2,h450km,n15, r2815/17,mb3.5/3,Celebes Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like KCP Kidapawan, KCC Kidapawan, DMPH Davao City-Mi, etc.

WEL 19 08:48:37.4,1.0,34.5S,178.0E,1.6,h12km,ML4.1/12, mb4.3/1,ML4.0/13,MLv4.1/12,Mw(mB)3.4/1, Error ellipse: s-maj=22.0km s-min=7.5km az=11.1, confirmed, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like WEL Waiomatatini S, WMGZ Waiomatatini S, WMGZ Te Kaha, etc.

Table listing station names (e.g., Raukumara Rang, Tauwhareparae, Carnagh Statio), station IDs, and coordinates (lon, lat, elev).

IDC 19:09:17:45.0, 8.0, 35.52N: 94.44E, h0km, mb3.8/11, mbtmp3.8/17, ML3.8/5, MS3.4/13, Error ellipse: s-maj=23.2km s-min=14.1km az=42.0

ISC 19:09:17:50.6, 0.8, 35.55N: 0.1, 94.4E: 0.1, h35km, n24, r123/18, mb3.8/11, MS3.6/6, Qinghai

Table listing station names (e.g., Lanzhou Array, Songino Array, Kurchatov Arra), station IDs, and coordinates.

IDC 19:09:18:28.1, 2.3, 35.05S: 134.22E, h0km, mb4.0/5, mbtmp4.1/7, ML4.2/2, Error ellipse: s-maj=54.1km s-min=18.7km az=85.0

DJA 19:09:18:32.5, 0.3, 4.3, 3.75S: 136.1342E: 0.1, h13km, n16, r256/18, mb4.0/4, Huan Jaya region

Table listing station names (e.g., Fak Fak, Manokwari, Biak), station IDs, and coordinates.

Table listing station names (e.g., SANI Sanana, EDIF Ende, WRA Warramunga Arr), station IDs, and coordinates.

CATAC 19:09:20:19.9, 0.6, 11.1 N: 3.8, 86.7W: 1.1, h10km, 4km, M3.2/15, MLV3.2/15, Error ellipse: s-maj=7.2km s-min=4.7km

UCR 19:09:20:22.9, 0.7, 10.181N: 86.36W, h8km, 31km, MW3.8, Presumed earthquake

ISC 19:09:20:0.1, 9, 10.73N: 0.06, 86.39W: 0.07, h8km, 11km, n36, e054/43, Off coast of Costa Rica

Table listing station names (e.g., LCRUZ La Cruz, ALIBA Liberia Airpor), station IDs, and coordinates.

SJA 19:09:26:47.7, 1.2, 21.01S: 68.69W, h140km, ML4.8, MW4.6

NEIC 19:09:26:49.6, 2.0, 21.01S: 0.04, 68.69W: 0.08, h124km, 4km, mb4.8/235, Mwr4.9/34, Mwr4.9/20, Mwr4.9/GUC, Error ellipse: s-maj=10.2km s-min=5.7km az=96.0, Moment Tensor Solution: Moment tensor: Scale 10^16Nm

NEIC 19:09:26:49.3, 2.1, 0.15S: 68.65W, h118km

GFZ 19:09:26:49.2, 0.2, 21.52S: 6.9W, h132km, 4km, M5.1/19, mb5.1/19

GAC 19:09:26:50.2, 0.7, 21.00S: 68.73W, h129km, 3km, ML4.9

NEIC 19:09:26:50.9, 2.0, 3.2, 92S: 68.52W, h129km, mb5.1, Presumed earthquake

NEIC 19:09:26:50.9, 2.0, 3.2, 91S: 68.42W, h131km, 4km, mb4.3/14, mbtmp4.8/19, MS3.7/9, Error ellipse: s-maj=14.2km s-min=9.8km az=75.0

GMCT 19:09:26:52.6, 0.3, 21.01S: 0.02, 68.62W: 0.02, h148km, 2km, MW5.0/98, Moment Tensor Solution. s1, c49; s98, c131; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=2.60; 11; Mw=1.97; 13; Mw=0.63; 18; Mw=1.02; 09; Mw=0.99; 12; Mr=2.31; 11; Best double couple: Mc3.58000x10^16 Np2: 191.103.000000, s27.000000, lambda=125.000000. NP2: e3.210000, s68.000000, lambda=73.000000. Principal axes: T 3.9070, P127.0000, Azm39.0000; N 0.5480, Plg155.0000; Azm135.0000; P -3.8520, Plg63.0000; Azm258.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 19:09:26:49.3, 0.3, 21.03S: 0.02, 68.73W: 0.03, h130km, 2km, h130km: pp-P, n443, e172/393, mb4.8/140, 17C-6D, Chile-Bolivia border region

Table listing station names (e.g., IPOC Station P, IPOC Station B, IPOC Station P), station IDs, and coordinates.

Table listing station names (e.g., IAML, IPOC Station P, IPOC Station B), station IDs, and coordinates.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like COIM Forte Coimbra, CO02 Combarbal, CO04 Combarbal, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like CVER Cruz Verde, CHIC Chingaza, SJMB Sao Joao De Ma, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like 319A Douglas, 121A Cookes Peak, R32A Long Quarter, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KARP Karpathos, EIL Elat, GNI Garni, etc.

1045 19:09:37.05.7.14.0.26.10N:142.06E, h0km, mb4.2/5, mbmp4.2/5, M53.4/3, Error ellipse: s-maj=477.3km s-min=94.2km az=13.0

JMA 19:09:38.10.4.0.2.28'N12.2'14.1'E, h468km, MV3.6/22, W OFF OCGASAWARA

ISC 19:09:38.09.1.1.1.27.71N:139.9E:0.2, h450km, n16, r156/14, mb3.4/5, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBIJ Chichi jima, JHH2 Haha-jima-NKT2, etc.

1045 19:09:45:45.6:13.0, 23.48S:179.88E, h594km, 157km, mb2.8/4, mbmp3.7/4, Error ellipse: s-maj=60.9km s-min=33.9km az=65.0

ISC 19:09:45.40.1.1.2.23.4S:0.3:180.0W:0.2, h532km, n6, r102/5, mb3.4/4, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes station ASAR Alice Springs.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, GSPA South Pole Qui, etc.

IDC 19:10:07:54.0.1.6, 16.89S:69.58W, h172km, 12km, mb3.0/4, mbmp3.7/8, Error ellipse: s-maj=31.2km s-min=19.7km az=23.0

GUC 19:10:07:54.8.0.7, 17.02S:69.71W, h189km, 7km, ML3.5

ISC 19:10:07:53.2.0.6, 17.02S:0.05:69.49W:0.07, h173km, n22, r250/29, mb3.1/3, 2C, Peru-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB18 Ivovici, LPAZ La Paz, etc.

IDC 19:10:14:10.2.2.3, 3.54N:129.27E, h0km, mb3.4/4, mbmp3.4/4, Error ellipse: s-maj=165.9km

T-min=23.5km az=69.0, North of Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 19:10:16:31.7.4.9, 20.88S:177.55W, h466km, 36km, mb3.2/3, mbmp4.1/5, Error ellipse: s-maj=111.1km s-min=18.3km az=148.0

ISC 19:10:16:30.3.1.9, 21.1S:0.3:177.3W:0.2, h450km, n7, r197/8, mb3.7/3, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, AFI Afiamalu, etc.

IDC 19:10:59:31.4.1.7, 5.51S:152.47E, h0km, mb3.6/3, mbmp3.7/4, ML1.4/1, MS3.2/2, Error ellipse: s-maj=39.9km s-min=17.5km az=103.0

ISC 19:10:59:37.0.1.6, 5.43S:109.152.4E:0.2, h40km, n7, r0594/7, mb3.6/3, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat, PMG Port Moresby, etc.

ASAR Alice Springs 25.39 223 P 11 05 00.5 -0.4

ILAR Eielson Array 82.90 22 P 11 57 0.0 -0.1

TORD Torodi Ar. Bea 150.08 27 PKPbc PKIKP 11 19 26.5 +1.1

CATAC 19:11:01:55.9.0.7, 11.1N:4.8'6W, h15km, 7km, M3.2/12, MLV3.2/12, Error ellipse: s-maj=10.4km s-min=5.0km az=35.6, confirmed

UCR 19:11:01:57.7.0.4, 10.87N:86.37W, h8km, 44km, MW3.9, Presumed earthquake

ISC 19:11:01:56.3.2.1, 10.88N:0.06:86.44W:0.09, h10km, 12km, n31, r0558/37, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ALIBA Liberia Airpor, CARN Rivas, etc.

IDC 19:11:05:45.4.1.4, 15.16S:175.66W, h334km, 15km, mb3.6/10, mbmp4.4/13, Error ellipse: s-maj=23.3km

s-min=12.2km az=144.0, NEIC 19:11:05:45.5.1.8, 15.1S:1.0:175.6W:0.1, h320km, 6km, mb4.3/17, Error ellipse: s-maj=17.8km s-min=13.9km az=167.0

ISC 19:11:05:46.4.0.6, 15.1S:1.0:175.64W:0.08, h350km, n49, r1501/45, mb4.2/18, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FUTU Futagota, AFI Afiamalu, etc.

BBDO Buebebe 47.08 239 P 11 13 44.4 -0.0

WBO Warramunga Arr 47.75 257 P 11 13 49.2 -0.6

WRA Warramunga Arr 47.75 257 P 11 13 49.7 -0.4

WRA Warramunga Arr 47.75 257 P 11 13 48.5 -1.6

AS31 Alice Springs 48.13 252 P 11 13 52.2 -0.4

ASAR Alice Springs 48.13 252 P 11 13 52.2 -0.4

ASAR Alice Springs 48.13 252 P 11 13 52.2 -0.4

MTN Mt. H. Dam 51.59 265 P 11 14 18.0 -0.9

FORT Fort Springs 53.60 243 P 11 14 32.4 -0.5

FORT Fort Springs 53.60 243 P 11 14 33.8 -0.5

SOEI Sosei 58.77 268 P 11 15 10.5 +1.0

MWJ Matuishi Arr 61.35 268 P 11 15 26.6 -0.5

MJAR Matuishi Arr 67.36 321 P 11 16 04.8 -0.2

MJAR Matuishi Arr 67.36 321 P 11 16 05.5 +0.6

MJAR Matuishi Arr 67.36 321 P 11 16 40.1 -0.1

PETK Petropavlovsk 71.75 343 P 11 16 31.9 +0.8

QSPA South Pole Qui 74.90 180 P 11 16 49.8 +0.4

QSPA South Pole Qui 74.90 180 P 11 16 50.6 +1.1

NVAR Mina Array Bea 75.61 43 P 11 16 55.1 +1.2

CCB Clear Creek Bu 82.34 12 Iamb Iamb 11 17 30.5

IL31 82.63 12 Iamb Iamb 11 17 32.3

ILAR Eielson Array 82.63 12 P 11 17 31.3 +0.5

ILAR Eielson Array 82.63 12 P 11 17 31.5 +0.7

J25K Salcha River, 82.80 13 P 11 17 32.8 +1.0

J25K Salcha River, 82.80 13 Iamb Iamb 11 17 33.5

F19K Shalcrucik Mo 82.81 7 P 11 17 32.6 +0.9

F19K Shalcrucik Mo 82.81 7 Iamb Iamb 11 17 33.6

L29M L29M 83.28 16 Iamb Iamb 11 17 36.6

PDAR Pinedale Array 83.53 43 P 11 17 36.8 +0.5

CMAR Chiang Mai Arr 90.48 289 P 11 18 11.8 +2.1

CMAR Chiang Mai Arr 90.48 289 P 11 18 10.4 +0.7

DPD Dobruska Palom 143.57 347 ePKP PKPpdf 11 24 39.8 -0.1

STEB Stoberice 143.62 345 ePKP PKPpdf 11 24 38.1 -0.3

MORC Moravsky Berou 143.82 345 ePKP PKPpdf 11 24 39.3 -1.0

VRAC Vranov 144.45 346 ePKP PKPpdf 11 24 41.7 +0.2

BR31 Brskovany 144.57 319 PKP PKPpdf 11 24 42.9 +0.5

BRTR Keskin Array B 144.57 319 PKP PKIKP 11 24 43.4 -2.6

BRTR Keskin Array B 144.57 319 PKP PKIKP 11 24 42.7 +0.6

MLR Muntele Rosu 144.70 333 PKP PKPpdf 11 24 42.3 +0.2

MLR Muntele Rosu 144.70 333 PKP PKPpdf 11 24 42.8 +0.3

KHC Kesperske Hory 145.27 349 PKP PKPpdf 11 24 43.4 -0.6

CKRC Cesky Krumlov 145.44 348 ePKP PKIKP 11 24 45.3 -1.9

FUORN Ornepass-Fuorn 148.23 352 PKPbc PKIKP 11 24 53.5 +0.1

SOME 19:11:06:11.8.41.98N:75.45E, h10km

KNET 19:11:06:12.5.0.5, 42.05N:75.44E, h12km, 4km, ml2.5, Error ellipse: s-maj=10km s-min=2.6km az=21.0

KRNET 19:11:06:12.0.1.0, 41.98N:75.44E, h17km, mb3.4

NNC 19:11:06:13.1.1.1, 42.00N:75.44E, h0km, mb3.6, mpv3.4, Error ellipse: s-maj=9.7km s-min=4.1km az=178.0

ISC 19:11:06:11.4.1.1, 41.96N:0.02:75.40E:0.02, h5km, 10km, n56, r149/100, 38C-2ZD, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes station Code Station Name.

19d 12h

Table with columns: DJR, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Jarkent, Karatay Array, etc.

IDC 19 11:48:20.9:0.8, 15:56S: 167.06E, h0km, mb4.1/14, mbtmp4.2/16, ML4.5/2, MS3.5/2, Error ellipse: s-maj=24.2km az=80.0

ISIC 19 11:48:24.0:0.5, 15:65S: 0.07x167.09E:0.09, h20km, 3km, n53, r111/52, mb4.3/16, 3C, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SARAOUITOU, RENTAPAO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HNR, HNR, HNR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like URZ, URZ, URZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AS31, ASAR, ASAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VVND, VVND, VVND, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CM31, CMAR, CMAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMAR, SONM, SONM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ILAR, TROLL, TROLL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VNA3, VNA2, VNA2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MKAR, ZALV, ZALV, etc.

IDC 19 11:57:41.8:18.0, 13:70N:40.50E, h0km, mb3.8/4, mbtmp3.8/4, Error ellipse: s-maj=650.6km s-min=3.10km az=156.0, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TORD, KURBB, MKAR, etc.

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Table with columns: PALK, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Pallekele, Pallekele, etc.

Table with columns: CMAR, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Diego Garcia H, Diego Garcia H, etc.

Table with columns: WRA, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Alice Springs, Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CACAO, AZU, PTGL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BCIPI, UPA, UPA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GARC, PRAC, PRAC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NORC, NORC, NORC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PTBC, PTBC, PTBC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BARC, BRUC, BRUC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PAMC, PAMC, PAMC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RUSC, RUSC, RUSC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PTBC, PTBC, PTBC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OCAC, OCAC, OCAC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NORC, NORC, NORC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ROSC, ROSC, ROSC, etc.

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Table with columns: PRAC, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Prado, Prado, etc.

Table with columns: PRAC, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Ortega, Tolima, Ortega, etc.

Table with columns: PRAC, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like San Jacinto, San Jacinto, etc.

Table with columns: PRAC, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Los crdobas, Los crdobas, etc.

Table with columns: PRAC, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Santa Marta, Santa Marta, etc.

Table with columns: PRAC, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Pizarro, Chocco, Pizarro, etc.

Table with columns: PRAC, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Macarena, Meta, Macarena, etc.

Table with columns: PRAC, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Uribia, Colomb, Uribia, etc.

Table with columns: PRAC, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Uribia, Colomb, Uribia, etc.

Table with columns: PRAC, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Meteti, Meteti, etc.

Table with columns: PRAC, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Garzon, Huila, Garzon, etc.

Table with columns: PRAC, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Popayan, Colom, Popayan, etc.

Table with columns: PRAC, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Balboa, Cauca, Balboa, etc.

Table with columns: PRAC, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Pion, Pion, etc.

Table with columns: PRAC, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Mercedes, Mercedes, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PLAI Plampang, GENI Genyem, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JUAM Asuncion Mita, ESQI Esquipulas, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SCHO, YKA Yellowknife Ar, YKAWs Yellowknife Wt, etc.

19d 17h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AGRB Hanur-Agry, ADCV BITLIS_Adilcev, DORK Agr/Tutak/Do, etc.

IDC 19 16:20:09.6.3.0, 12.50N, 122.57E, h0km, mb3.3/4, mbmp3.3/4, Error ellipse: s-maj=336.8km s-min=23.6km az=64.0

ISC 19 16:20:08.2.1.8, 12.88N, 123.51E, 0.09, h2km, 12km, n14, a1553/21, mb3.4/4, Luzon

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MMHP Masbate, GGP Guinayangan, IBAJ Ibaay, Aklan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, MKAR Makanchi Array, KURBB Kurchatov Arra, etc.

KRNET 19 16:22:22.9.0.1, 39.55N, 73.76E, h20km, mb3.5, IDC 19 16:22:23.1.1.5, 39.34N, 73.80E, h0km, mb3.6/6, mbmp3.6/8, ML2.7/2, Error ellipse: s-maj=39.4km s-min=28.5km az=69.0

SOME 19 16:22:23.7.39.60N, 73.80E, h5km, NNC 19 16:22:29.6.2.6, 39.83N, 73.74E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=22.8km s-min=16.9km az=173.0

ISC 19 16:22:24.0.0.8, 39.57N, 0.05, 73.75E, 0.03, h10km, n44, a1570/75, mb3.6/5, 26C-26D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SFK Sufi-Kurgan, OHH Osh, SALK Salom-Alik, etc.

2020 SEP

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ANVS Anan'yeyvo, KRBS Karabastau, KOTS Kotyrbulak, etc.

IDC 19 17:01:32.3e.1.0, 27.77N, 53.20E, h0km, mb3.8/17, mbmp3.8/17, MS3.3/5, Error ellipse: s-maj=24.0km s-min=16.8km az=171.0

TEH 19 17:01:33.1.2, 27.77N, 53.27E, h8km, 24km, ML3.5, Presumed earthquake

NEIC 19 17:01:34.2.2.0, 27.8N, 0.1, 53.12E, 0.09, h10km, 1km, mb4.1/19, Error ellipse: s-maj=19.5km s-min=13.6km

DSN 19 17:01:37.5.1.1, 27.62N, 53.31E, h10km, ML3.5/11, Error ellipse: s-maj=12.2km s-min=7.3km az=169.0

OMAN 19 17:01:37.4.0.1, 27.64N, 53.21E, h10km, mb3.4/4, m3.9/20, Error ellipse: s-maj=1.4km s-min=0.8km az=1.0

ISC 19 17:01:34.5.0.5, 27.79N, 53.03, 53.19E, 0.04, h14km, n100, a1511/17, mb3.9/21, MS3.2/4, Southern Iran

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KHLI Khalili Fars, LMRD Lamerd, JHRM Jahrom, etc.

IDC 19 17:05:44.0.6.11, 9.11S, 9.11E, h79km, 23km, M3.6/15, mb3.7/4, mb3.7/4, ML3.5/14, MLV3.6/15, MLV3.6/15, South of Sumba

DJA 19 17:05:44.0.6.11, 9.11S, 9.11E, h79km, 23km, M3.6/15, mb3.7/4, mb3.7/4, ML3.5/14, MLV3.6/15, MLV3.6/15, South of Sumba

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WSI Waingapu, WSI Waiyapu, WSI Waiyapu, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BRTR Keskin Array B, BRTR Keskin Array B, KK31 Karatay Array, etc.

IDC 19 17:38:29.2.24.27N, 122.78E, h13km, ML2.6 C, JMA 19 17:38:30.0.0.1, 24.2N, 122.8E, 0.7, h26km, 1km, MV1.6/9, NW OFF SHORE ISHIGAKI IS

ISC 19 17:38:28.5.1.0, 24.23N, 122.79E, 0.02, h17km, 8km, n64, a067/116, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WSI Waingapu, WSI Waiyapu, WSI Waiyapu, etc.

Main table listing station data for 2020 SEP. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes station names like E033, E034, E035, etc., and locations like Suao, TWC, Suao, etc.

MAN 19 17:49:50.0, 123.85N, 123.38E, h15km, MS3.8, Luzon

Table listing station data for MAN 19 17:49:50.0, 123.85N, 123.38E, h15km, MS3.8, Luzon. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res, and station identifiers.

JMA 19 17:55:37.8, 0.2, 25.1N, 122.7E, 0.6, h116km, 1km, MV2.6/17, NW OFF ISHIGAKIJIMA IS

Table listing station data for JMA 19 17:55:37.8, 0.2, 25.1N, 122.7E, 0.6, h116km, 1km, MV2.6/17, NW OFF ISHIGAKIJIMA IS. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res, and station identifiers.

TAP 19 17:55:37.2, 24.72N, 122.72E, h122km, ML3.3, C

Table listing station data for TAP 19 17:55:37.2, 24.72N, 122.72E, h122km, ML3.3, C. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res, and station identifiers.

KRNET 19 18:05:06.6:0.1, 41.45N:79.47E, h20km, mb2.9
NNC 19 18:05:08.6:1.7, 41.53N:79.41E, h0km, mb3.4, mpv3.0,
Error ellipse: s-maj=11.8km s-min=9.4km az=160.0
SOME 19 18:05:08.6:1.4, 57.1N:79.45E, h10km
ISC 19 18:05:02.1:2.5, 41.2N:0.1:79.61E:0.08, h8km, 15km, n30,

Table listing station data for KRNET 19 18:05:06.6:0.1, 41.45N:79.47E, h20km, mb2.9. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res, and station identifiers.

MAN 19 18:06:26.0, 12.86N, 123.39E, h27km, MS3.5, Luzon

Table listing station data for MAN 19 18:06:26.0, 12.86N, 123.39E, h27km, MS3.5, Luzon. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res, and station identifiers.

19d 18h

Table with columns: PCPS, Palayan City, 2.88 308 eP, Pb, 18 07 19.8 +3.1, SB, 18 08 16.8 +25, NB, 18 07 14.4 0.0, etc.

IDC 19 18:20:02.61.3, 0.60S:124.84E, h0km, mb3.4/4, mbtmp3.5/4, Error ellipse: s-maj=180.2km s-min=22.0km az=64.0

DJA 19 18:20:06.4.1.6, 0.3S:12.76E, h18km, ML3.3/4, ML3.5/6, MLV3.4/6, MLV3.3/4

ISC 19 18:20:04.2.0.9, 0.13S:0.06E:126.31E:0.08, h10km, n8, e191/11, mb3.6/4, Southern Moluca Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Includes stations like Ternate, Sanana, Manado, Gorontalo, Warramunga Arr, etc.

JMA 19 18:37:06.2.0.2, 2.47N:0.7x121.9E:0.5, h84km, 2km, MW2.9/5, TAIWAN REGION

ISC 19 18:37:07.2.2472N:121.93E, h77km, ML3.8/B, TAP 19 18:37:06.6.1.2, 2.474N:0.02:121.95E:0.02, h83km, 4km, n173, e196/324, Taiwan

Large table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Lists numerous stations including Toucheng, Suao, Dongshan, Shuangxi, etc.

2020 SEP

Large table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Lists stations like Nanjangu, Techu, Hsinchu, Tongmen, etc.

1054

Large table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Lists stations like Jiali, Cishan, WUUC, Ma-tsu, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Kurbb Kurchatov Arra, KURK Kurchatov, KK31 Karatay Array, etc.

SOME 19 19:09:40.4, 39°28'N; 73°57'E, h15km
IDC 19 19:09:45.1, 1.0, 39°41'N; 73°74'E, h0km, mb3.7/11,
mbmp3.6/16, ML2.7/6, MS3.2/2, Error ellipse:
s-maj=20.2km, s-min=16.0km az=103.0

KRNET 19 19:09:45.0, 1.3, 39°55'N; 73°67'E, h21km, mb3.7
NEIC 19 19:09:46.4, 1.5, 39°32'N; 0°06'73.55E; 0.07, h10km, 2km,
mb4.2/3, Error ellipse: s-maj=11.6km s-min=7.6km
az=141.0

NINC 19 19:09:47.9, 3.5, 39°74'N; 73°54'E, h0km, mb4.2, mpv3.8,
Error ellipse: s-maj=27.9km s-min=14.9km az=175.0

ISC 19 19:09:45.5, 1.3, 39°54'N; 0°03'73.64E; 0.03, h0km, 9km,
n93, c192/130, mb3.6/12, 38C-17D, Tajikistan-Xinjiang
border region

Main table for 1055 with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SFK Sufi-Kurgan, OHH Osh, SALK Salom-Alik, etc.

Main table for 2020 SEP with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BRLS, KOTS Kotrybulak, WUS Wushi, etc.

Main table for 19d 19h with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LUWI Luwuk, TOL2 Tolitoi, SWI Sorong, etc.

IDC 19 19:24:21.9, 0.7, 4°00'N; 126°30'E, h0km, mb3.9/10,
mbmp3.9/11, ML3.8/1, MS3.0/3, Error ellipse:
s-maj=48.4km s-min=10.7km az=71.0
NEIC 19 19:24:27.4, 1.8, 4°14'N; 0°06'126.7E; 0.1, h41km, 9km,
mb4.3/21, Error ellipse: s-maj=16.7km s-min=7.6km
az=69.0

DJA 19 19:24:28.9, 1.2, 4°N; 5°12'7E+, h34km, 24km, M4.2/9,
mb4.3/9, mb4.3/9, ML4.1/7, MLV4.2/7
ISC 19 19:24:27.5, 0.6, 4°11'N; 0°05'126.65E; 0.09, h45km, n52,
c283/51, mb4.0/17, Talaud Island

KRNET 19 19:45:17.7, 0.1, 43°01'N; 77°12'E, h15km, mb2.8
NINC 19 19:45:18.7, 0.7, 43°05'N; 77°14'E, h4km, 4km, mb2.9,
mpv3.0, Error ellipse: s-maj=7.1km s-min=2.6km az=171.0
SOME 19 19:45:18.2, 43°00'N; 77°08'E, h15km
KNET 19 19:45:20.3, 0.3, 42°30'N; 76°98'E, h25km, 2km, ml1.8, Error
ellipse: s-maj=3.0km s-min=1.3km az=35.0

ISC 19 19:45:18.0, 0.8, 43°00'N; 0°02'77.12E; 0.02, h13km, 6km,
n48, c08/89, 29C-15D, Lake Issyk-Kul region

19d 21h

Table with columns for station ID, name, frequency, and signal strength. Includes stations like H08S2 Diego Garcia H, H08S1 Diego Garcia H, H08S3 Diego Garcia H, COCO West Island, etc.

2020 SEP

Table with columns for station ID, name, frequency, and signal strength. Includes stations like PSI comp=Z,37nm,1.3s, PSI comp=Z,15nm,20.0s, PALK Pallekele, etc.

1058

Table with columns for station ID, name, frequency, and signal strength. Includes stations like KIBK Kibwezi, SBUM Sibul, SBUM Sibul, SBUM Sibul, WRA Warrungarra Arr, etc.

19d 21h

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like VA01 Torpederas, CART Cartagena, BRG Sergei Kat, HSKC Hora Svate Kat, NKC Novy Kostel, etc.

2020 SEP

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like G24K comp=2,2um,19.0s, SKT Skwentna, TRF The Great Moun, H24K Noodor Dome, etc.

1062

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like JTS Las Juntas de, JTS Las Juntas de, N32M Quiet Lake, etc.

TEH 19 21:16:46.0,307'58N-57'38E, h7km,57km,ML3.6, Presumed earthquake, Northern and central Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KRM Kerman Provinc, ZRDN Zardkuh Kerman, KHGB Koh Gabri, etc.

IDC 19 21:18:19.4,2.5, 7.73S; 107.33E, h0km, mb3.7/5, mbmp3.7/5, Error ellipse: s-maj=157.9km s-min=21.6km az=50.0

DJA 19 21:18:26.5,0.3,8'S;3'10.7'E, h10km, M4.1/17, M4.4, 0/17, ML4.0/18, ML4.0/17

ISC 19 21:18:28.2,1.0, 7.95S;0.1'107.38E;0.06, h62km, n30, 1187/23, mb3.6/5, Jawa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BBJI Bungbulang, BBUI, BBUJ, CNJI Cibinong, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for H04S3 CROZET ISLANDS, H04S2 CROZET ISLANDS, and BVAR Borovoye Array.

MAN 19 21:48:09.0, 13:05N, 123:67E, h21km, MS4.2
MAN INTENSITY II - CLAVERIA MASBATE; INTENSITY I - LEGAZPI CITY.

ISC 19 21:48:10.4, 0.0, 12:82N, 123:26E, h0km, mb3.9/11, mbmp4.3/9.11, Error ellipse: s-maj=33.3km s-min=16.7km az=68.0

NEIC 19 21:48:11.5, 1.6, 12:80N, 10:123:23E, 0:09, h10km, 1km, mb4.4/15, Error ellipse: s-maj=17.8km s-min=12.3km az=34.0

ISC 19 21:48:10.8, 1.3, 12:81N, 10:123:30E, 0:06, h9km, gkm, n52, r151/57, mb4.3/21, 1C, Luzon

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for MMHP Masbate, GGP Guinayangan, IBAJ Ibayay, LQP Lukban, PALO Palo, etc.

CMAR Chiang Mai Arr 24.11 287 P P 21 53 24.5 -2.6
KSRS Korea Array 24.89 9 P P 21 53 33.3 -0.7

SHL Shillong 32.17 298 P P 21 54 37.4 -2.0
BNX BinXian 33.00 5 P P 21 54 49.0 +2.8

WRA Warrungua Arr 34.31 161 P P 21 54 58.8 +0.8

AS31 Alice Springs 37.71 164 P P 21 55 26.3 -0.7
ASAR Alice Springs 37.71 164 P P 21 55 27.7 +0.5

ASAR Alice Springs 37.71 164 P P 21 55 27.2 +0.2
H11N1 WAKE ISLAND Hy 42.31 75 T T 22 40 26.0

H11N2 WAKE ISLAND Hy 42.32 75 T T 22 40 22.1
H11N3 WAKE ISLAND Hy 42.33 75 T T 22 40 25.2

INKA Innaminka 43.72 157 P P 21 56 14.8 -1.7
STKA Stephens Creek 47.77 159 P P 21 56 50.5 +2.0

MKAR Makanchi Array 48.26 323 P P 21 56 53.0 +0.8

MKAR Makanchi Array 48.26 323 P P 21 56 51.9 -0.4
PDGK Podgornoye 48.37 317 P P 21 56 53.0 +0.9

PETK Petropavlovsk 48.22 27 P P 21 56 57.0 +2.1

ZAAO Zalesovo Array 51.02 332 P P 21 57 13.0 -0.1
ZALV Zalesovo Beam 51.02 332 P P 21 57 13.9 +0.8

ZALV Zalesovo Beam 51.02 332 P P 21 57 13.2 +0.1
KURK Kurchatov Arr 52.34 326 P P 21 57 23.4 +0.4

KURBB Kurchatov Arr 52.34 325 P P 21 57 24.7 +1.7

BVAR Borovoye Array 57.93 325 P P 21 58 03.8 +0.4

BORK Borovoye 57.98 325 P P 21 58 02.8 -1.0

HRA Herat 59.05 302 P P 21 58 10.2 -1.7

ABKAR Akbulak array 63.06 319 P P 21 58 37.5 -1.1
GURO Guroymak-BITLI 75.35 307 P P 21 58 52.0 +1.0

GUST Castle Rocks 76.23 27 P P 21 59 59.1 -0.5

ILAR Eielson Array 78.44 26 P P 22 00 12.1 +0.2

BMAR Burnt Mountain 79.29 23 P P 22 00 15.7 +0.2
I26K Cook Creek Min 79.94 25 P P 22 00 20.3 +0.2

BCAR Beaver Creek A 80.90 27 P P 22 00 25.9 +0.6
H25M Whitestone 81.72 24 P P 22 00 30.1 +0.5

L29M L29M 82.52 27 P P 22 00 34.2 +0.3

BURAR Bucovina Array 86.02 318 P P 22 00 51.0 -1.0

BUR08 Bucovina Ar. S 86.02 318 P P 22 00 51.4 -0.6

SNET 19 21:56:22.2, 1.1, 13:73N, 89:27W, h4km, ML3.1, Presumed earthquake

CATAC 19 21:56:23.0, 0.4, 14°N, 2°8'9W, h5km, 1km, M2.7/13, MLV2.7/13, Error ellipse: s-maj=3.8km s-min=2.1km az=16.9, confirmed

ISC 19 21:56:21.6, 1.1, 13:79N, 0:07:89:24W, 0:04, h14km, 4km, n117, r150/32, El Salvador

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for PIC2 El Picacho, BOQS Boqueron, UUES Universidad Ev, SEMO Seminario San, UTEC Universidad Te, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for PANCS Jayaque, JAYA Jayaque, PAVA Las Pavas, etc.

ISC 19 22:10:01.3, 0.1, 64:69S, 178:38E, h0km, mb4.2/9, mbmp4.3/10, ML4.9/1, MS4.7/30, Error ellipse: s-maj=29.5km s-min=15.7km az=65.0

NEIC 19 22:10:02.3, 2.2, 64:9S, 0:1:177:9E, 0:4, h10km, 1km, mb4.6/12, Error ellipse: s-maj=28.6km s-min=18.6km az=66.0

GCMT 19 22:10:07.3, 0.1, 64:94S, 0:0:1:177:90E, 0:2, h12km, MW5.4/153, Moment Tensor Solution, s94, c139; s153, c291; Duration: t92 Moment tensor: Scale 107 Nn, Mn, 0.0; 0.2; Mm1, 43; 0.2; Mm2, 13; 0.2; Mw: 0.6; Mw: 0.5; Mw: 0.2; Mw: 0.1; Mw: 0.05; Best double couple: M=1.48500e-17, NP1=2.290000e+00, 873.000000, 1.69.000000, NP2=3.3220000e+00, 880.000000, 1.8.000000, Principal axes: T: 1.7060, P: 2.0000, Azm: 186.0000; N: -0.4410, P: 1.7000, Azm: 352.0000; P: -1.2640, P: 1.9500, Azm: 95.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment function

ISC 19 22:10:02.4, 0.6, 64:83S, 0:09:178:0E, 0:2, h10km, n75, r098/42, mb4.2/15, MS4.7/29, 5C-1D, Baileny Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for SBA Scott Base, VNSA Vanda, VNSA Wether Hill, etc.

DCZ Deep Cove 20.32 338 P P 22 14 38.9 +0.6

RPZ Rata Peaks 21.52 346 P P 22 14 50.9 -0.4

RPZ Rata Peaks 21.52 346 P P 22 14 50.9 -0.4

QSPA South Pole QUA 25.25 180 P P 22 15 29.3 +0.9

QSPA South Pole QUA 25.25 180 P P 22 15 29.3 +0.9

QSPA South Pole QUA 25.25 180 P P 22 15 29.3 +0.9

QSPA South Pole QUA 25.25 180 P P 22 15 29.3 +0.9

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QSPA South Pole QUA 25.25 180 P P 22 15 29.3 +0.9

QSPA South Pole QUA 25.25 180 P P 22 15 29.3 +0.9

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for BOQA Boshof, LPAZ La Paz, LPAZ La Paz, etc.

ISC 19 22:23:07.8, 0.1, 13:73N, 89:27W, h4km, ML3.6, Presumed earthquake

CATAC 19 22:23:07.8, 0.1, 14°N, 2°8'9W, h7km, 3km, M3.6/9, MLV3.6/9, Error ellipse: s-maj=3.7km s-min=2.8km az=14.2, confirmed

GCG 19 22:23:08.6, 0.7, 13:73N, 89:29W, h8km, 8km, MD4.1, Presumed earthquake

ISC 19 22:23:07.8, 0.1, 13:76N, 0:02:89:27W, 0:02, h3km, 6km, n38, r085/60, El Salvador

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for BOQS Boqueron, UUES Universidad Ev, SEMO Seminario San, UTEC Universidad Te, etc.

BOQS Boqueron 0.03 207 P P 22 23 08.9 +0.1

BOQS Boqueron 0.03 207 P P 22 23 08.9 +0.1

BOQS Boqueron 0.03 207 P P 22 23 08.9 +0.1

BOQS Boqueron 0.03 207 P P 22 23 08.9 +0.1

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BOQS Boqueron 0.03 207 P P 22 23 08.9 +0.1

BOQS Boqueron 0.03 207 P P 22 23 08.9 +0.1

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Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Hallett, Manton Dam, Buckleboe, etc.

2020 SEP

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like XAN, KM12, XLT, etc.

19d 23h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like BERG, BMRM, RND, etc.

UPP 19:23:46.73.0.1, 67.85Nm, 20:21E, h0Kml, ML2.1, Suspected explosion, Sweden

20d 0h

Table of seismic data for stations 20d 0h, including station names, coordinates, and magnitude values.

2002 SEP

Table of seismic data for stations 2002 SEP, including station names, coordinates, and magnitude values.

1068

Table of seismic data for stations 1068, including station names, coordinates, and magnitude values.

SNET 20 00:07:35.3±1.9, 13.72°N-89.27°W, h4km, ML2.5, Presumed earthquake

CATAC 20 00:07:35.7±0.7, 14°N±3.8°W, h8km±4km, M2.2/12, ML2.2/12, Error ellipse: s-maj=5.5km s-min=2.7km az=179.3, confirmed

ISC 20 00:07:35.5±1.0, 13.76°N±0.06°-89.27°W±0.03, h10km, n16, e080/27, El Salvador

Table with columns: Code, Station Name, Δ, AZ, Op, Phase ID, ISC, Time Res, h, m, s, ISC. Lists various stations and their associated data.

IDC 20 00:16:34.5±0.9, 6.37°N-128°05'E, h0km, mb3.9/7, mbtmp3.9/8, ML4.1/1, Error ellipse: s-maj=32.7km s-min=16.5km az=50.0

ISC 20 00:16:36.2±1.1, 6.3N±0.2, 128.0E±0.2, h10km, n9, c124/9, mb3.9/7, Philippine Islands region

Table with columns: Code, Station Name, Δ, AZ, Op, Phase ID, ISC, Time Res, h, m, s, ISC. Lists various stations and their associated data.

SNET 20 00:42:08.3±1.4, 13.73°N-89.27°W, h4km, ML2.9

Presumed earthquake
CATAC 20.00:42:09.0.5, 14.1N, 8.9W, h7km, 2km, M2.6/12,
MLV2.6/12, Error ellipse: s-maj=3.3km s-min=2.6km
az=16.5, confirmed

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the earthquake.

SNET 20.00:45:14.6, 1.1, 13.72N:89.27W, h4km, ML2.8,
Presumed earthquake
CATAC 20.00:45:15.7, 0.5, 14.1N, 8.9W, h5km, 2km, M2.6/12,
MLV2.6/12, Error ellipse: s-maj=3.2km s-min=2.4km az=5.3,
confirmed

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the SNET earthquake.

RSPR 20.01:04:26.5, 19.05N, 66.83W, h14km, 2km, MD3.2/12
ISC 20.01:04:20.5, 1.7, 19.30N, 0.09, 66.85W, 0.06, h25km, n16,
s=121/17, 13C-5D, Puerto Rico region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the RSPR earthquake.

ISC 20.01:11:42.0, 1.5, 0.45N, 124.52E, h0km, mb3.5/4,
mbtmp3.5/5, ML3.2/1, MS3.0/1, Error ellipse:
s-maj=129.4km s-min=22.0km az=66.0
DJA 20.01:11:53.4, 0.7, 0.7N, 4.12E, h93km, 6km, M3.8/7,
MLV3.8/4, MLV3.8/7

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the DIA earthquake.

0.3nm, 0.6s, baz=123, slow=7.6, SNR=2.9
0.3nm, 0.6s
KURBB Kurchatov Arra 63.49 329 P P 01 22 12.8 -0.3
0.9nm, 0.3s, baz=128, slow=6.1, SNR=2.2
0.9nm, 0.3s

SNET 20.01:24:45.8, 1.1, 13.74N:89.27W, h1km, ML2.8,
Presumed earthquake
CATAC 20.01:24:46.3, 0.3, 14.1N, 8.9W, h5km, 1km, M2.6/18,
MLV2.6/18, Error ellipse: s-maj=2.7km s-min=1.9km
az=27.6, confirmed

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the SNET earthquake.

ISC 20.01:32:37.7, 1.8, 17.48N, 146.05E, h122km, 17km,
mb3.7/18, mbtmp4.2/21, MS2.7/3, Error ellipse:
s-maj=17.7km s-min=9.9km az=80.0
NEIC 20.01:32:38.9, 2.3, 17.42N, 0.05, 146.2E, 0.1, h123km, 6km,
mb4.5/72, Error ellipse: s-maj=14.9km s-min=6.6km
az=107.0

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the NEIC earthquake.

Large table with columns: Station Name, Time, Res, ISC, and other data. Lists numerous seismic stations and their recorded data for various earthquakes.

20d 1h

comp=Z,1.4nm,0.5s,baz=315,slow=4.3,SNR=3.1

IDC 20 01:42:35.91.3,34.11S:57.24E,h0km,mb3.8/5, mbtmp3.8/5,Error ellipse: s-maj=48.8km s-min=31.2km az=95.0

ISC 20 01:42:37.41.3,34.11S:02:57.2E,0.4,h10km,n16, n16307.7,mb4.0/5,South Indian Ocean

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their parameters.

BGR 20 01:59:00.6,22.75N,93.75E,h33km,mb5.3,Ms4.1

MOS 20 01:59:02.0,9.22'99N,93.91'E,h52km,mb5.2/51, Error ellipse: s-maj=7.6km s-min=3.2km az=122.3

BJI 20 01:59:04.6,23.11N,93.60E,h61km,mb4.9/18,mb4.8/52, ML4.4/3,Ms4.1/31,Ms7.3/933

IDC 20 01:59:05.8,1.0,23.00N,93.76E,h62km,8km,mb4.6/39, mbtmp4.9/41,MS3.6/50,Error ellipse: s-maj=9.2km s-min=7.3km az=166.0

GFZ 20 01:59:05.7,0.3,23.23'N,3.9'E,h44km,4km,ML4.7/18, mb5.1/18

NEIC 20 01:59:05.6,1.6,22.99N,0.04:93.77E,0.05,h54km,4km, mb5.1/208,Error ellipse: s-maj=7.1km s-min=5.4km az=118.0

NDI 20 01:59:06.6,1.6,22.98N,93.76E,h53km,ML4.8,MW4.8, mb5.1(NEIC),Presumed earthquake

ISC 20 01:59:05.9,0.3,23.01N,0.03:93.68E,0.03,h62km,2km, h63km:p-P,n745,a132714,mb5.0/280,45C-56D, Myanmar-India border region

Main table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Lists numerous seismic stations and their parameters.

2020 SEP

Main table with columns: Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Lists numerous seismic stations and their parameters.

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Main table with columns: Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Lists numerous seismic stations and their parameters.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MACC Macarena, Meta, SJPY San Joaquin, GARC Garzon, Huila, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SHOC, PSUT Pine Spring, GUY Greenwater Valley, AGMM Agassiz Station, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MKAR Makanchi Array, FITZ Fitzroy Crossi, HILR Hailar Array B, USRK Ussuriysk Ar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like MK31 Makanchi Array, MKAR Makanchi Array, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like PRU 20 06:04:17.5, 51.53N, 16.09E, h0km, Poland, KSP Ksiaz, etc.

IDC 20 06:12:46.1±6.6, 5.78S, 154.44E, h0km, mb3.4/3, mbtmp3.4/3, Error ellipse: s-maj=204.1km s-min=43.8km az=111.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like WRA Warramunga Arr, ASAR Alice Springs, H11S2 WAKE ISLAND Hy, etc.

IDC 20 06:19:19.4±2.5, 8.63N, 125.26E, h0km, mb3.8/4, mbtmp3.8/4, Error ellipse: s-maj=151.6km s-min=28.0km az=68.0, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 20 06:30:09.3±5.0, 2.11N, 95.30W, h0km, mb3.8/6, mbtmp3.8/6, Error ellipse: s-maj=183.2km s-min=46.8km az=43.0, NEIC 20 06:30:10.8±1.6, 2.0N, 0.2, 95.7W, 0.2, h10km, 2km, mb4.1/13, Error ellipse: s-maj=41.7km s-min=6.4km az=217.0, ISC 20 06:30:10.7±2.7, 2.0N, 0.4, 95.5W, 0.3, h10km, n27, 0.89N/21, mb4.0/10, Galapagos Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like OTAV Otavalo, TXAR Lajitas Array, TXAR Sanderson, etc.

IDC 20 06:30:59.6±1.0, 42.09S, 85.23E, h0km, mb4.1/9, mbtmp4.0/9, MS4-2/45, Error ellipse: s-maj=30.8km s-min=24.2km az=113.0, NEIC 20 06:31:00.5±1.1, 42.02S, 0.06, 85.0E, 0.2, h10km, 1km, mb4.6/13, Error ellipse: s-maj=27.3km s-min=9.8km az=281.0, GCMT 20 06:31:03.0±5.1, 0.1, 41.77S, 0.01, 84.78E, 0.01, h18km, MW5/2/141, Moment Tensor Solution, s78, c110, s141, c232, Duration: 0 Moment tensor: Scale 10^16Nm; Mw=0.27±.13, Mw0.7±.13, Mb=0.7±.13, Mb0.8±.28, Mw<0.3±.11; Mw<0.3±.25, Best double couple; M=6.94000e-10, NP1=0.460000, 883.00000, 1.178.00000, NP2=0.1370000, 888.00000, 1.7.00000, Principal axes: T 7.1120, Plg6.0000, Azm2.0000; N -0.3440, Plg83.0000, Azm155.0000; P -6.7680, Plg3.0000, Azm271.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 20 06:31:00.6±0.6, 42.1S, 0.1±85.1E, 0.1, h10km, n76, 0.578N/27, mb4.2/14, MS4.2/45, Southeast Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, H04S1 CROZET ISLANDS 24.05, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like DGAR Diego Garcia, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

IDC 20 06:30:59.0±5.0, 35.02N, 26.41E, h0km, mb4.1/23, mbtmp4.0/35, ML3.9/11, MS3.4/8, Error ellipse: s-maj=12.0km s-min=8.2km az=1.0, MOS 20 06:31:01.5±1.3, 34.84N, 26.47E, h29km, mb4.6/16, Error ellipse: s-maj=6.5km s-min=3.7km az=96.0, NEIC 20 06:31:01.4±1.3, 34.97N, 0.04, 26.46E, 0.02, h10km, 1km, mb4.3/45, Error ellipse: s-maj=7.5km s-min=2.8km az=200.0, THE 20 06:31:02.5±3.5, N4.6°x2.7E, h5km, 6km, M4.2/14, ML4.4/24, MCMSCM 20 06:31:02.7±0.6, 35°N, 4.2°E, h10km, 4km, mb4.3, mb4.4, MLV4.1, Mw(MB)3.5, GFZ 20 06:31:03.0±0.2, 35°N, 3.2°E, h10km, M4.3/24, mb4.3/24, AFAD 20 06:31:03.8, 35.05N, 26.42E, h10km, 5km, MW4.2, ISK 20 06:31:03.3, 35.26N, 26.39E, h2km, ML.4.1/21, ATH 20 06:31:04.3, 35.07N, 26.39E, h13km, 2km, ML.4.3/17, Latitude uncertainty: 3 km; Longitude uncertainty: 1 km, GII 20 06:31:07.0±0.0, 34.468N, 0.002, 26.924E, 0.001, h0km, Mw=4.1, confirmed

IDC 20 06:31:02.1±0.7, 34.90N, 0.03, 26.48E, 0.02, h23km, 5km, n475, 2800/S28, mb4.2/42, MS3.5/4, 23C-18D, Crete

2020 6h

Code	Station Name	A°	AZ°	Phase	ID	Time	Res	MLSB
ZKR	Zakros	0.30	314	Op	ISC	06 31 08.1	-1.0	
ZKR	Zakros	0.30	314	Pb	ISC	06 31 08.3	-0.8	
ZKR	Zakros	0.30	314	Pg	ISC	06 31 12.3	-1.5	
ZKR	Zakros	0.30	314	P	ISC	06 31 08.1	-1.0	
ZKR	Zakros	0.30	314	Pb	ISC	06 31 10.7	-3.1	
ZKR	Zakros	0.30	314	P	ISC	06 31 08.2	-0.8	
AGNA	Agios Nikolaos	0.69	295	P	ISC	06 31 15.2	-0.3	
AGNA	Agios Nikolaos	0.69	295	S	ISC	06 31 23.9	-0.7	
NPS	Neapolis	0.80	297	P	ISC	06 31 17.2	-0.2	
NPS	Neapolis	0.80	297	S	ISC	06 31 29.4	+0.1	
NPS	Neapolis	0.80	297	P	ISC	06 31 17.1	-0.2	
NPS	Neapolis	0.80	297	Pb	ISC	06 31 22.9	+0.1	
NPS	Neapolis	0.80	297	P	ISC	06 31 17.2	-0.2	
NPS	Neapolis	0.80	297	Sb	ISC	06 31 26.4	-1.4	
KARP	Karpathos	0.85	41	P	ISC	06 31 17.0	-1.3	
KARP	Karpathos	0.85	41	S	ISC	06 31 29.4	+0.2	
KARP	Karpathos	0.85	41	AML	ISC	06 31 17.2	-1.1	
KARP	Karpathos	0.85	41	Pb	ISC	06 31 17.2	-1.1	
KARP	Karpathos	0.85	41	Sb	ISC	06 31 30.6	+0.1	
KARP	Karpathos	0.85	41	P	ISC	06 31 16.9	-1.3	
KARP	Karpathos	0.85	41	AML	ISC	06 31 17.1	-1.1	
KARP	Karpathos	0.85	41	Pb	ISC	06 31 25.4	+0.8	
IACM	Heraklion	1.23	289	P	ISC	06 31 43.3	+3.3	
IACM	Heraklion	1.23	289	S	ISC	06 31 25.4	+0.8	
IACM	Heraklion	1.23	289	AML	ISC	06 31 39.5	+0.2	
IDI	Anoyia	1.36	287	Pn	ISC	06 31 26.2	+0.4	
IDI	Anoyia	1.36	287	LR	ISC	06 31 45.6	+1.6	
IDI	Anoyia	1.36	287	P	ISC	06 31 27.6	+0.6	
IDI	Anoyia	1.36	287	AML	ISC	06 31 27.6	+0.6	
IDI	Anoyia	1.36	287	Pb	ISC	06 31 26.8	-0.2	
IDI	Anoyia	1.36	287	Sb	ISC	06 31 27.5	+0.5	
IDI	Anoyia	1.36	287	P	ISC	06 31 43.5	+0.3	
IDI	Anoyia	1.36	287	S	ISC	06 31 27.6	+0.3	
SIVA	Sivas	1.38	275	P	ISC	06 31 27.7	+0.4	
SIVA	Sivas	1.38	275	AML	ISC	06 31 44.8	+0.4	
SIVA	Sivas	1.38	275	S	ISC	06 31 30.1	+0.5	
ASTA	Astypalaia	1.64	356	P	ISC	06 31 50.2	+0.2	
ASTA	Astypalaia	1.64	356	AML	ISC	06 31 30.5	+0.5	
THERA	Ancient Thera	1.68	331	P	ISC	06 31 30.5	+0.5	
THERA	Ancient Thera	1.68	331	AML	ISC	06 31 30.6	+0.5	
THERA	Ancient Thera	1.68	331	S	ISC	06 31 50.0	-0.8	
THERA	Ancient Thera	1.68	331	Pb	ISC	06 31 30.9	+0.8	
THR6	Thira Island	1.70	329	P	ISC	06 31 31.3	+1.0	
THR6	Thira Island	1.70	329	P	ISC	06 31 31.4	+1.0	
RTHF	Rethymno-Limn	1.70	286	P	ISC	06 31 31.8	-0.9	
RTHF	Rethymno-Limn	1.70	286	AML	ISC	06 31 31.1	+0.6	
THR8	Santorini-Mono	1.71	332	P	ISC	06 31 30.9	+0.8	
THR8	Santorini-Mono	1.71	332	P	ISC	06 31 32.0	+1.1	
THR8	Santorini-Mono	1.71	332	P	ISC	06 31 32.8	-0.5	
SNT5	Nea Kammeni, S	1.74	330	P	ISC	06 31 32.9	-0.5	
SNT5	Nea Kammeni, S	1.74	330	P	ISC	06 31 32.1	+1.1	
SNT5	Nea Kammeni, S	1.74	330	P	ISC	06 31 31.0	-1.0	
THR2	Thira Island	1.76	331	P	ISC	06 31 32.4	+1.2	
THR2	Thira Island	1.76	331	P	ISC	06 31 32.3	+1.0	
THR5	Thira Island	1.77	329	P	ISC	06 31 32.4	+1.0	
THR5	Thira Island	1.77	329	P	ISC	06 31 32.3	+0.9	
SAP3	Santorini-Thir	1.79	329	P	ISC	06 31 32.5	+0.9	
SAP3	Santorini-Thir	1.79	329	AML	ISC	06 31 32.6	+0.9	
CAM3	Santorini-Thir	1.79	329	P	ISC	06 31 32.9	+1.2	
SMP0	Arkhangelos	1.87	45	P	ISC	06 31 35.2	-0.4	
ARG	Arkhangelos	1.87	45	AML	ISC	06 31 35.3	-0.4	
ARG	Arkhangelos	1.87	45	Pb	ISC	06 31 35.5	-0.2	
ARG	Arkhangelos	1.87	45	Pb	ISC	06 31 35.5	-0.2	
ARG	Arkhangelos	1.87	45	P	ISC	06 31 35.8	+0.2	
ARG	Arkhangelos	1.87	45	AML	ISC	06 31 35.7	0.0	
ARG	Arkhangelos	1.87	45	P	ISC	06 31 34.5	+0.8	
YAZI	Mula-Datša	1.94	24	S	ISC	06 31 58.7	+1.3	
YAZI	Mula-Datša	1.94	24	AML	ISC	06 32 06.0		
YAZI	Mula-Datša	1.94	24	IAML	ISC	06 32 09.0		
GVD	Gavdhos	1.97	269	Pn	ISC	06 31 38.3	+1.0	
GVD	Gavdhos	1.97	269	AML	ISC	06 31 37.0	-0.3	
GVD	Gavdhos	1.97	269	P	ISC	06 31 39.8	+2.4	
DAT	Dataca	2.03	26	Pn	ISC	06 31 35.8	+0.8	
DAT	Dataca	2.03	26	AML	ISC	06 31 36.5	+1.5	
DAT	Dataca	2.03	26	S	ISC	06 31 60.0	+0.3	
DAT	Dataca	2.03	26	IAML	ISC	06 32 14.0		
DAT	Dataca	2.03	26	IAML	ISC	06 32 19.0		
CHNB	Souda	2.06	287	P	ISC	06 31 38.2	-0.7	
CLNA	Kalymnos	2.09	11	Pn	ISC	06 31 36.0	+0.3	
CHAN	Chania	2.09	288	P	ISC	06 31 38.5	-0.9	
CHAN	Chania	2.09	288	AML	ISC	06 31 38.1	-1.2	
RODB	Rodos	2.10	42	P	ISC	06 31 38.5	-0.9	
RD11	Rhodes Town Ha	2.10	42	AML	ISC	06 31 38.6	-1.1	
CH01	Chania	2.11	288	P	ISC	06 31 39.8	-0.2	
CH01	Chania	2.11	288	AML	ISC	06 31 38.8	-1.1	
IMMV	Iera Moni Meta	2.12	286	P	ISC	06 31 38.9	-1.1	
IMMV	Iera Moni Meta	2.12	286	AML	ISC	06 31 38.9	-1.0	
IMMV	Iera Moni Meta	2.12	286	Pb	ISC	06 31 42.6	+2.6	
BODT	Bodrum	2.25	17	Pn	ISC	06 31 38.4	+0.3	
BODT	Bodrum	2.25	17	AML	ISC	06 31 38.5	+0.4	
BODA	Bodrum-Mula	2.26	20	Pn	ISC	06 31 39.3	+0.7	
BDRM	Kayabasi	2.29	20	S	ISC	06 32 08.8	-1.9	
BDRM	Kayabasi	2.29	20	IAML	ISC	06 32 11.0		
BDRM	Kayabasi	2.29	20	IAML	ISC	06 32 15.0		
YKAV	Yalikavak-Bodr	2.31	16	Pn	ISC	06 31 38.9	+0.1	
YKAV	Yalikavak-Bodr	2.31	16	AML	ISC	06 31 41.2	+1.8	
TURN	Turunc	2.35	37	Pn	ISC	06 31 41.2	+1.8	
TURN	Turunc	2.35	37	AML	ISC	06 31 41.5	+2.1	
TURN	Turunc	2.35	37	S	ISC	06 31 42.2	+1.1	
TURN	Turunc	2.35	37	AML	ISC	06 31 42.2	+1.1	
TURN	Turunc	2.35	37	IAML	ISC	06 32 21.0		
TURN	Turunc	2.35	37	IAML	ISC	06 32 21.0		
KNDR	Naxos Island	2.37	279	P	ISC	06 31 43.0	-1.1	
KNDR	Naxos Island	2.37	279	AML	ISC	06 31 40.1	+0.5	
NAX1	Naxos Island	2.37	279	AML	ISC	06 31 43.0	+2.2	
NAX1	Naxos Island	2.37	279	AML	ISC	06 31 42.5	+1.7	
MHLO	Agia Marina, M	2.46	317	P	ISC	06 31 42.2	+1.1	
MHLO	Agia Marina, M	2.46	317	AML	ISC	06 31 45.1	+2.4	
MIL05	Milos	2.48	318	P	ISC	06 32 20.7	+1.2	
DALY	Dalyan (Mula)	2.60	42	S	ISC	06 32 34.0		
DALY	Dalyan (Mula)	2.60	42	IAML	ISC	06 32 37.0		
DALY	Dalyan (Mula)	2.60	42	IAML	ISC	06 31 43.8	+0.9	

2020 SEP

Code	Station Name	A°	AZ°	Phase	ID	Time	Res	MLSB
Aydin, Didim	Aydin, Didim	2.62	13	P	ISC	06 31 42.6	-0.5	
Aydin, Didim	Aydin, Didim	2.62	13	S	ISC	06 32 15.3	+1.1	
Aydin, Didim	Aydin, Didim	2.62	13	IAML	ISC	06 32 34.0		
YER	Yerkesik	2.66	33	Pn	ISC	06 31 45.2	+1.5	
YER	Yerkesik	2.66	33	AML	ISC	06 31 45.0	+1.3	
YER	Yerkesik	2.66	33	P	ISC	06 31 45.0	+1.2	
IZZE	Mula-Seydikle	2.71	55	S	ISC	06 32 18.5	+2.2	
IZZE	Mula-Seydikle	2.71	55	IAML	ISC	06 32 22.0		
IZZE	Mula-Seydikle	2.71	55	IAML	ISC	06 32 39.0		
FETY	Fethiye	2.73	50	P	ISC	06 31 47.4	+2.8	
FETY	Fethiye	2.73	50	S	ISC	06 32 29.8	+6.4	
ANKY	Antikythira Is	2.77	291	P	ISC	06 31 47.7	+2.6	
MULA	Mugla, Merkez-	2.78	32	S	ISC	06 31 48.0	+2.6	
MULA	Mugla, Merkez-	2.78	32	IAML	ISC	06 32 20.7	+2.5	
MULA	Mugla, Merkez-	2.78	32	IAML	ISC	06 32 29.0		
MULA	Mugla, Merkez-	2.78	32	IAML	ISC	06 32 41.0		
SABU	Mula-Dalaman	2.78	46	P	ISC	06 31 47.5	+2.2	
SABU	Mula-Dalaman	2.78	46	Sb	ISC	06 32 25.1	+0.3	
SABU	Mula-Dalaman	2.78	46	IAML	ISC	06 32 38.0		
SABU	Mula-Dalaman	2.78	46	IAML	ISC	06 32 55.0		
TNSA	Tinos	2.84	338	P	ISC	06 31 47.3	+1.3	
GCAM	G?zelcamli?	2.85	12	Pn	ISC	06 31 46.3	0.0	
GCAM	G?zelcamli?	2.85	12	AML	ISC	06 31 49.2	+3.0	
GCAM	G?zelcamli?	2.85	12	S	ISC	06 32 20.7	+0.2	
GCAM	G?zelcamli?	2.85	12	IAML	ISC	06 32 23.0		
GCAM	G?zelcamli?	2.85	12	IAML	ISC	06 32 48.0		
AKAS	Kas	2.87	62	P	ISC	06 31 22.1	+1.5	
AKAS	Kas	2.87	62	S	ISC	06 32 21.8	+1.3	
AKAS	Kas	2.87	62	IAML	ISC	06 32 33.0		

IDC 20 07:09:36.9,2.2,36.105s,178.20E,h0km,mb3.6/3,
 mbtmp3.6/3,Error ellipse: s-maj=68.8km s-min=38.6km
 az=42.0
 NOU 20 07:09:52.4,36.99S,177.99E,h196km,MLV3.9/10,Off E,
 Coast of N. Island, N.Z.
 WEL 20 07:09:56.6,1.1,37.54x17.8E, h157km,11km,M3.4/27,
 ML3.2/10,MLV3.4/27,Error ellipse: s-maj=6.8km
 s-min=5.5km az=81.6,confirmed

ISC 20 07:09:54.4,1.0,36.99S,177.80E,0.06, h187km,7km,
 n138,r1521/152,mb3.4/3,Off east of North Island

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
MXZ	Matakoa Point	0.70	145	P	Pn	07 10 20.3	-0.5
MXZ	Matakoa Point	0.70	145	S	Pn	07 10 42.1	+0.6
MXZ	Matakoa Point	0.70	145	P	Sn	07 10 20.4	-0.5
WIZ	White Island	0.72	222	P	Pn	07 10 19.6	-1.4
HAZ	Te Kaha	0.76	181	P	Pn	07 10 20.3	-0.9
PKGZ	Pakihiroa	0.90	166	P	Pn	07 10 22.2	+0.1
WMGZ	Waiomatatini S	0.96	150	P	Sn	07 10 22.8	+0.3
RUGZ	Raukumara Rang	0.98	186	P	Pn	07 10 21.6	-1.2
WHRZ	Whale Island	1.08	217	P	Pn	07 10 23.2	-0.3
PUZ	Puketiti	1.14	162	P	Pn	07 10 24.0	+0.2
TGWZ	Tauwharepara	1.19	173	P	Pn	07 10 25.2	+0.9
MYRZ	Mayor Island	1.28	257	P	Pn	07 10 24.1	-0.9
MWZ	Matawai	1.36	189	P	Pn	07 10 25.7	0.0
URZ	Urewera	1.38	203	P	Pn	07 10 25.3	-0.5
EDRZ	Edgcumbe	1.40	217	P	Pn	07 10 26.1	0.0
TGRZ	Tauranga	1.43	239	P	Pn	07 10 25.5	-0.8
TKGZ	Te Karaka	1.45	179	P	Pn	07 10 26.4	0.0
CNGZ	Carnagh Statio	1.52	168	P	Pn	07 10 28.8	+1.7
RAGZ	Rawiri	1.53	191	P	Pn	07 10 28.0	+0.7
KARZ	Kaharoa	1.61	230	P	Pn	07 10 28.1	+0.1
TARZ	Mount Tarawera	1.61	219	P	Pn	07 10 28.6	+0.7
RRRZ	Republican Roa	1.69	217	P	Pn	07 10 29.8	+0.8
MUGZ	Murupara	1.69	209	P	Pn	07 10 28.8	0.0
KMRZ	Kaimai	1.71	240	P	Pn	07 10 28.8	-0.2
RIGZ	Rimuhau	1.71	181	P	Pn	07 10 29.7	+0.8
RRZ	Ruatahuna	1.75	202	P	Pn	07 10 29.2	-0.2
HRZR	Handcock Road	1.84	220	P	Pn	07 10 31.1	+0.7
PRRZ	Plateau Road	1.87	216	P	Pn	07 10 30.9	+0.3
PRGZ	Paritu Road	1.93	178	P	Pn	07 10 32.1	+0.9
ALRZ	Allen Road	1.95	216	P	Pn	07 10 31.8	+0.5
TOZ	Tahuroa Road	1.98	247	P	Pn	07 10 31.9	+0.3
RAHZ	Arahi	2.00	196	P	Pn	07 10 32.6	+0.7
MTHZ	Maungataniwha	2.01	202	P	Pn	07 10 31.5	-0.6
GRZ	Grangier	2.03	183	P	Pn	07 10 30.9	-1.3
KNZ	Kokohu	2.03	183	P	Pn	07 10 32.9	+0.7
MKAZ	Moumakai	2.12	266	P	Pn	07 10 33.0	-0.2
WHHZ	Waihua	2.13	192	P	Pn	07 10 34.2	+0.9
MRHZ	Matea Rd	2.14	210	P	Pn	07 10 33.3	-0.2
WIAZ	Waiheke Island	2.15	275	P	Pn	07 10 33.0	-0.5
MHGZ	Mahia Peninsula	2.16	178	P	Pn	07 10 34.9	+1.3
TLZ	Tolley Road	2.24	233	P	Pn	07 11 05.4	+1.1
NMHZ	Naumai	2.24	200	P	Pn	07 11 07.0	+0.8
ETAZ	East Tamaki Re	2.30	270	P	Pn	07 10 35.3	+0.1
MBAZ	Motupata North	2.34	275	P	Pn	07 10 35.5	-0.1
ARHZ	Aroapanui	2.35	195	P	Pn	07 10 36.5	+0.8
WATZ	Wairara	2.37	223	P	Pn	07 10 37.1	+1.1
BKZ	Black Stump Fm	2.40	205	P	Pn	07 10 36.2	-0.2
BKZ	Black Stump Fm	2.40	205	P	Pn	07 11 09.5	+0.2
BKZ	Black Stump Fm	2.40	205	P	Pn	07 10 36.2	-0.2
ABAZ	Army Bay	2.42	278	P	Pn	07 11 09.5	+0.2
EPAZ	Eden Park BICE	2.45	272	P	Pn	07 10 37.4	+0.5
RATZ	Rangitukua	2.46	220	P	Pn	07 10 38.3	+1.2
HBAZ	Hange Bay Bore	2.47	272	P	Pn	07 10 37.5	+0.5
RITZ	Rihia Road	2.51	217	P	Pn	07 10 38.6	+1.0
AWAZ	Awarhita Peninsula	2.53	267	P	Pn	07 10 38.2	+0.4
KATZ	Kakarama	2.59	219	P	Pn	07 10 39.9	+1.3
WTAZ	Waatarua	2.59	270	P	Pn	07 10 39.1	+0.6
RVAZ	Riverhead Bore	2.59	274	P	Pn	07 10 38.8	+0.3
MCHZ	McNeill Hill	2.60	199	P	Pn	07 10 39.2	+0.6
KWHZ	Kaweka Forest	2.66	204	P	Pn	07 10 39.5	+0.1
TMVZ	Te Maari	2.69	217	P	Pn	07 10 40.5	+0.7
NTVZ	North Tongariro	2.69	218	P	Pn	07 10 40.5	+0.7
ETVZ	East Tongariro	2.70	217	P	Pn	07 10 40.4	+0.5
KRVZ	Karewarewa	2.71	218	P	Pn	07 10 40.6	+0.6
CKHZ	Cape Kidnapper	2.72	192	P	Pn	07 10 40.5	+0.5
OTVZ	Oturere	2.75	217	P	Pn	07 11 15.4	-0.4
WTVZ	West Tongariro	2.75	219	P	Pn	07 10 41.0	+0.5
SNVZ	South Ngauruho	2.78	217	P	Pn	07 10 41.5	+0.7
HIZ	Hauti	2.79	236	P	Pn	07 10 41.8	+1.0
NGZ	Ngauruhoe	2.79	236	P	Pn	07 10 42.5	+1.8
HWZ	Huahuia	2.79	217	P	Pn	07 10 41.8	+0.9
TVVZ	Taurewa	2.79	221	P	Pn	07 10 41.7	+0.8
TUVZ	Tukino	2.83	216	P	Pn	07 10 41.8	+0.4
BHHZ	Black Hill Sta	2.84	208	P	Pn	07 10 42.0	-0.2
FWVZ	Far West T-bar	2.87	217	P	Pn	07 10 42.4	+0.4
KRHZ	Kereru	2.88	203	P	Pn	07 10 41.5	-0.3
WHVZ	Whangaeahu Hut	2.88	217	P	Pn	07 10 42.4	+0.3
MAVZ	Matarangi	2.88	217	P	Pn	07 10 42.8	+0.6
KAHZ	Katuranaki	2.89	194	P	Pn	07 10 42.6	+0.6
MOVZ	Mowhango	2.90	213	P	Pn	07 10 41.9	-0.3
WNVZ	Wahianoa	2.91	216	P	Pn	07 10 42.5	+0.1
TRVZ	Turoa	2.91	217	P	Pn	07 10 42.8	+0.3
WCZ	Waipua Caves	2.98	290	P	Pn	07 10 42.5	-0.6

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
MTVZ	Mangateitei	3.01	217	P	Pn	07 10 44.1	+0.6
PKXZ	Pawanui	3.12	193	P	Pn	07 10 44.7	0.0
PNHZ	Pukenui	3.18	203	P	Pn	07 10 44.9	-0.6
WPHZ	Waipukurau	3.25	199	P	Pn	07 10 46.4	+0.1
TSZ	Taipurua Road	3.38	205	P	Pn	07 10 47.4	-0.6
PRHZ	Porangahau	3.39	195	S	Sn	07 11 29.4	-0.8
WAZ	Wanganui	3.54	218	S	Sn	07 10 50.5	+0.6
DVHZ	Dannevirke	3.54	201	P	Pn	07 10 49.1	-0.8
ANWZ	Angora Road	3.61	196	P	Pn	07 10 50.9	+0.1
POWZ	Post Office Ro	3.75	205	P	Pn	07 10 51.9	-0.6
PRWZ	Port Road	3.83	201	P	Pn	07 10 48.0	-0.1
OUZ	Omahuta	3.84	296	P	Pn	07 10 53.2	-0.5
OUZ	Omahuta	3.84	296	P	Pn	07 10 53.5	-0.2
BFZ	Birch Farm	3.88	198	P	Pn	07 10 53.4	-0.7
BFZ	Birch Farm	3.88	198	P	Pn	07 10 53.4	-0.7
TIWZ	Tingitanga R	4.05	212	P	Pn	07 10 58.9	-1.0
CPWZ	Castlepoint	4.11	197	P	Pn	07 10 57.1	+0.2
HOWZ	Holdsworth Sta	4.29	204	P	Pn	07 10 57.8	-1.1
OGWZ	Otaki Gorge	4.33	207	P	Pn	07 10 58.4	-1.0
TIWZ	Te Maipa	4.37	199	P	Pn	07 11 00.1	-1.5
KIWZ	Kapiti Island	4.53	212	P	Pn	07 11 00.6	-1.7
MTWZ	Mount Morrison	4.53	203	P	Pn	07 11 00.6	-1.7
CAWZ	Cannon Point	4.63	207	P	Pn	07 11 02.0	-1.6
TRWZ	Traveller	4.70	200	P	Pn	07 11 03.4	-1.1
PAWZ	Parauw Farm	4.76	202	P	Pn	07 11 03.4	-1.9
MISWZ	Mokau Station	4.84	203	P	Pn	07 11 04.5	-1.8
DIWZ	Dunrobin	4.86	217	P	Pn	07 11 05.8	-0.8
WELZ	Wellington	4.89	208	P	Pn	07 11 05.4	-1.6
SNZO	South Karori	4.94	208	P	Pn	07 11 05.7	-1.9
BHWZ	Baring Head	4.96	206	P	Pn	07 11 06.0	-1.9
PLWZ	Palliser	4.98	203	P	Pn	07 11 06.1	-2.0
TCWZ	Tony Channel	5.05	212	P	Pn	07 11 06.7	-2.0
TUWZ	Tuamarina	5.25	213	P	Pn	07 11 11.6	-1.3
NNZ	Nelson	5.44	218	P	Pn	07 11 12.9	-1.2
BSWZ	Blackbirch Sta	5.61	212	P	Pn	07 11 14.8	-1.5
QRZ	Quartz Range	5.62	225	P	Pn	07 11 16.0	-0.4
QRZ	Quartz Range	5.62	225	P	Pn	07 11 14.4	-2.0
MDZ	Metakiri Terra	5.89	220	P	Pn	07 11 17.7	-2.3
THZ	Tophouse	6.09	217	P	Pn	07 11 20.8	-1.8
KHZ	Kahurangi	6.33	210	P	Pn	07 11 23.6	-2.1
DSZ	Denniston Nort	6.64	223	P	Pn	07 11 27.5	-2.3
GVZ	Greta Valley S	7.00	210	P	Pn	07 11 32.4	-2.1
LTZ	Lake Taylor	7.16	215	P	Pn	07 11 34.3	-2.5
INZ	Inchbonnie	7.53	219	P	Pn	07 11 38.8	-2.5
OKZ	Okains Bay	7.63	207	P	Pn	07 11 40.5	-2.2
MOZ	McQueen's Vall	7.77	209	P	Pn	07 11 41.2	-3.3
RIZZ	Raoul Island	8.51	216	P	Pn	07 11 51.2	-3.2
TMZ	Timaru	9.01	213	P	Pn	07 11 58.7	-2.0
GDZ	Gladstone Downs	9.59	217	P	Pn	07 12 02.0	-2.2
ASAR	Alice Springs	9.81	277	P	Pn	07 17 14.0	+4.5

WRA Warramunga Arr 41.42 292 P 07 17 26.2 +3.5
 0.1mm,0.4s,slow=120,slow=8.4,SNR=6.6
 0.4mm,0.4s
 GSPA South Pole Qui 53.13 180 P 07 19 02.6 +1.0
 0.8mm,0.9s,baz=21,slow=8.6,SNR=1.4

FINES FINES Array B 149.80 333 PKPbc PKPab 07 29 25.8 -1.4
 2.2mm,0.9s,baz=50,slow=4.3,SNR=5.5

GRAL 20 07:28:00.2,0.4,33.84N,36.59E,h29km,1.5km,MD2.7
 GII 20 07:28:20.4,0.0,33.28N,0.004:35.987E,0.001,
 0.8mm,0.9s

ISC 20 07:27:59.0,3.1,33.83N,0.005:36.6E,0.2,h12km,n19,
 r043/20,Jordan-Via region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
ZAHZ	Zahle	0.59	273	eP	Pb	07 28 11.3	-0.1
HWQZ	Hawqa	0.69	310	eP	Pb	07 28 12.8	+0.2
RCYZ	Rachaya	0.71	242	eS	Pb	07 28 22.5	0.0
BCHZ	Bhannes	0.78	275	eP	Pb	07 28 21.4	0.0
BEILZ	Beino	0.78	235	eP	Pg	07 28 14.2	0.0
BEILZ	Beino	0.78	235	eS	Pg	07 28 24.4	-0.1
QRWLZ	Qaraoun	0.81	250	eP	Pb	07 28 14.6	-0.1
SHBLZ	Shebelle	0.86	236	eP	Pb	07 28 15.0	0.0
DORLZ	Deir Gamar	0.86	262	eP	Pg	07 28 15.5	-0.2
NATIZ	Neve Ativ	0.91	232	P	Sb	07 28 25.1	+7.5
NATIZ	Neve Ativ	0.91	232	P	Sb	07 28 29.1	+0.2
GEMZ	Giv'at Ha'Em	0.99	232	P	Sb	07 28 26.5	+7.8
KIRY	Kiryat Shemona	1.06	234	P	Pn	07 28 27.9	+8.3
KSHTZ	Keshet	1.07	218	P	Sg	07 28 27.8	+7.9
KSHTZ	Keshet	1.07	218	P	Sg	07 28 33.9	+0.4
RMOTZ	Ramot	1.25	219	P	Pg	07 28 30.8	+7.8
RFMZ	Zefat	1.26	227	P	Sg	07 28 39.8	+0.6
ZEFZ	Zefat	1.26	227	P	Sg	07 2	

PENT	Pentafelos	6.36 340	P	Pn	08 17 30.7 +2.7
KEK	Kerkira	6.40 330	P	Pn	08 17 28.0 -0.5
ISP	Isparta	6.42 54	i P	Pn	08 17 31.3 +2.4
ISP	Isparta	6.42 54	Pn	Pn	08 17 29.6 +0.7
SRN	Sarande	6.46 332	P	Pn	08 17 30.0 +0.7
KEPZ	Antalya-Kepez	6.79 65	P	Sn	08 17 35.6 +1.8
KEPZ			S	Pn	08 18 45.7 -5.1
KEPZ			IAML	Pn	08 18 52.0
KEPZ	comp=Z,39nm,1.0s				
KEPZ			IAML	Pn	08 18 55.0
SRS	Serrai	6.88 358	P	Pn	08 17 37.0 +1.9
SRS			Pmax	Pmax	
SRS	comp=Z,26nm,1.5s				
SRS	Serrai	6.88 358	P	Pn	08 17 36.0 +0.9
TIP	Timpagrade	7.59 313	P	Pn	08 17 44.9 -0.1
TIP	Timpagrade	7.59 313	P	Pn	08 17 44.7 -0.2
TIP	comp=Z,17nm,0.8s				
TIP	comp=Z,0.1nm,comp=Z,37nm,1.1s		AML	AML	
TIP	Timpagrade	7.59 313	P	Pn	08 17 45.0 +0.1
CEL	Celeste	7.65 304	P	Pn	08 17 45.3 -0.3
CEL	Celeste	7.65 304	P	Pn	08 17 45.3 -0.3
CEL	comp=Z,0.2nm,comp=Z,606nm,comp=Z,76nm,0.9s		AML	AML	
CEL	Celeste	7.65 304	P	Pn	08 17 46.2 +0.6
CEL	comp=Z,76nm,0.9s				
BORA	Borja	7.67 41	Pn	Pn	08 17 46.5 +0.5
CSS	Mathiatis	7.78 82	P	Pn	08 17 47.2 -0.2
CSS	Mathiatis	7.78 82	P	Pn	08 17 47.1 -0.2
CSS	Mathiatis	7.78 82	P	Pn	08 17 47.4 0.0
CSS	Mathiatis	7.78 82	S	Pn	08 17 47.8 -0.9
WDD	Wied Dalam	7.89 284	P	Pn	08 17 48.5 -0.5
WDD	Wied Dalam	7.89 284	P	Pn	08 17 48.5 -0.5
WDD	comp=Z,91nm,0.8s				
PHP	Peshkopia	7.94 341	P	Pn	08 17 49.6 -0.1
PHP	Peshkopia	7.94 341	P	Pn	08 17 49.6 -0.1
RAFF	Rafu Rosso	8.34 294	P	Pn	08 17 54.5 -0.7
VAE	Valguarnera	8.39 295	P	Pn	08 17 56.0 +0.2
VAE	comp=Z,13nm,0.7s,baz=37,slow=12,SNR=5.7				
VAE	comp=Z,9.3nm,0.4s,baz=230,slow=12,SNR=1.1				
CUC	Castrocucco	8.67 314	P	Pn	08 17 59.9 +0.2
CUC	Castrocucco	8.67 314	P	Pn	08 18 00.6 +0.8
CUC	comp=Z,18nm,0.6s				
CY604	RAF Akrotiri	8.75 86	Pn	Pn	08 18 00.9 +0.5
MARCO	Tramulotta	8.87 315	P	Pn	08 18 03.5 +1.0
PDG	Podgorica	8.98 337	P	Pn	08 18 03.1 -0.7
OFRI	Ofer	9.37 97	P	Pn	08 18 09.5 +0.2
OFRI			S	Pn	08 18 49.2 +5.1
KZIT	Kziot	9.42 108	P	Pn	08 18 10.1 +0.1
KZIT			S	Pn	08 18 49.5 -6.1
KZIT			S	Pn	08 18 12.6 +1.6
BR106	Keskin Array S	9.49 52	P	Pn	08 18 12.6 +1.6
BR104	Keskin Array S	9.49 52	P	Pn	08 18 12.6 +1.6
BR131	Keskin Array S	9.50 52	i P	Pn	08 18 13.0 +1.9
BR131	Keskin Array S	9.50 52	P	Pn	08 18 12.3 +1.2
BRTR	Keskin Array B	9.50 52	P	Pn	08 18 13.2 +2.0
BRTR	comp=Z,0.3nm,0.3s,baz=221,slow=14,SNR=7.6		LR	LR	
BRTR	comp=Z,367nm,18.4s,baz=234,slow=45				
BRTR	comp=Z,1.4nm,0.5s				
BRTR	Keskin Array B	9.50 52	ceP	AML	AML
BRTR			Pmax	Pmax	
BOVS	Bovan	9.55 350	i P	Pn	08 18 06.5 -3.3
AMAZ	Amatzia	9.61 103	P	Pn	08 18 12.5 0.0
AMAZ			S	Pn	08 19 53.8 -6.4
MMA0B	Mount Meron ar	9.63 94	P	Pn	08 18 13.4 +0.5
MMA0B			S	Pn	08 19 55.7 -5.1
JER	Jerusalem	9.76 101	P	Pn	08 18 15.0 +0.3
JER			S	Pn	08 19 58.3 -5.2
MMLI	Mount Malkishu	9.77 97	P	Pn	08 18 14.9 +0.2
MMLI			S	Pn	08 19 58.4 -5.7
KNHM	Kefar Nahum	9.80 95	P	Pn	08 18 15.6 +0.4
KNHM			S	Pn	08 20 00.2 -4.7
GEM	Giv'at Ha'Em	9.81 93	P	Pn	08 18 15.6 +0.3
GEM			S	Pn	08 19 56.3 -5.9
RMINI	Mount Ramon	9.83 109	P	Pn	08 18 15.6 -0.1
RMINI			S	Pn	08 19 59.8 -6.0
YITV	Yitav	9.90 100	P	Pn	08 18 16.4 0.0
YITV			S	Pn	08 20 01.6 -5.5
SGRT	San Giovanni R	9.91 322	P	Pn	08 18 15.3 -1.4
RGMM	Argaman	9.92 99	P	Pn	08 18 16.8 +0.1
RGMM			S	Pn	08 20 02.2 -5.4
UJAP	Al Uja	9.93 100	P	Pn	08 18 16.2 -0.7
UJAP			S	Pn	08 20 01.6 -5.5
KSHT	Keshet	9.98 94	P	Pn	08 18 18.0 +0.4
KSHT			S	Pn	08 20 04.3 -4.9
MZS	Mizpe Shalem	9.99 102	P	Pn	08 18 17.8 +0.1
MZS			S	Pn	08 20 04.0 -5.4
MSBI	Mazada	10.04 104	P	Pn	08 18 18.3 0.0
MSBI			S	Pn	08 20 04.6 -6.0
ZFRI	Zfri	10.18 108	P	Pn	08 18 19.0 -0.5
ZFRI			S	Pn	08 20 08.2 -5.9
HRFI	Mount Harif	10.29 111	P	Pn	08 18 23.3 +1.4
HRFI	Mount Harif	10.29 111	P	Pn	08 18 22.1 +0.2
HRFI			S	Pn	08 20 11.2 -5.8
YTVT	Yotvata	10.37 112	P	Pn	08 18 23.3 +0.2
YTVT			S	Pn	08 20 12.9 -6.0
EIL	Eilat	10.39 113	P	Pn	08 18 23.0 -0.2
EIL	comp=Z,5.9nm,0.6s,baz=295,slow=3.0,SNR=14				
EIL	comp=Z,9.2nm,0.6s,baz=1.9,slow=21,SNR=4.4				
EIL	comp=Z,22nm,0.7s				
EIL	Eilat	10.39 113	P	Pn	08 18 23.5 +0.2
EIL	Eilat	10.39 113	P	Pn	08 18 23.1 -0.2
EIL			S	Pn	08 20 12.9 -6.5
ANDN	Andirin	10.60 68	P	Pn	08 18 27.3 +1.1
ANDN	comp=Z,38nm,0.6s				
BNN	Bunyan	10.63 61	P	Pn	08 18 27.9 +1.4
ASF	Jabal al Asfar	11.04 97	P	Pn	08 18 31.9 -0.3
ASF	comp=Z,3.5nm,0.6s,baz=272,slow=16,SNR=6.2				
ASF	comp=Z,1.5nm,0.4s,baz=64,slow=13,SNR=1.9				
INTR	Introdacqua	11.08 317	P	Pn	08 18 32.7 0.0
MLR	Muntele Rosu	11.35 7	P	Pn	08 18 37.3 +0.9
MLR	comp=Z,0.1nm,0.3s,baz=249,slow=22,SNR=1.3				
MLR	comp=Z,1.4nm,0.9s				
PLOR	Plostinia	11.79 9	i P	Pn	08 18 48.6 +6.2
PLOR	Vrincioia	11.82 10	i P	Pn	08 18 46.4 +3.7
NRCA	Norcia	12.05 319	P	Pn	08 18 45.3 +0.2
KEST	Kesra	12.07 281	P	Pn	08 18 45.3 -1.0
KEST	comp=Z,0.1nm,0.3s,baz=107,slow=11,SNR=2.8				
KEST	comp=Z,4.5nm,1.0s				
KEST			AML	AML	
FDMO	Fiordimonte	12.21 319	P	Pn	08 18 47.5 -0.7
MARR	Marisel-Cluj	12.45 357	i P	Pn	08 18 51.4 0.0
MORH	Mrgy, Hungar	12.63 343	i P	Pn	08 18 50.9 -3.0
MORH	Mrgy, Hungar	12.63 343	i P	Pn	08 18 51.0 -2.8
BOJS	Bojanci	13.08 332	i Pn	Pn	08 18 58.3 -1.6
BURAR	Bucovina Array	13.41 4	i P	Pn	08 19 16.2 +2.3
LEGS	Legarie	13.43 333	i P	Pn	08 19 02.4 -2.3
KELT	Kelkit	13.56 60	P	Pn	08 19 10.6 +3.9
KELT	comp=Z,65nm,1.4s				
SABO	Ma te Sabotino	14.14 329	Pn	Pn	08 19 12.1 -2.4
OBKA	Obir	14.19 333	ePn	Pn	08 19 15.5 +0.4
OBKA	comp=Z,1.4nm,0.5s				
OBKA	Obir	14.19 333	P	Pn	08 19 15.8 +0.6
GORS	Gorjuse	14.25 331	ePn	Pn	08 19 15.5 -0.5
DRE	Drenchia	14.28 330	P	Pn	08 19 16.2 -0.1
DRE	comp=Z,16nm,0.6s				
KOPT	Kop Dagl	14.41 62	P	Pn	08 19 21.1 +2.7
KMPD	K-Podol skiy	14.45 19	P	Pn	08 19 21.4 +2.8
ARSA	Arzberg	14.48 336	ePn	Pn	08 19 19.4 +0.3
ARSA	comp=Z,1.2nm,0.4s				
ARSA	Arzberg	14.48 336	P	Pn	08 19 17.4 -1.7
ARSA	comp=Z,5.3nm,0.8s				
ACOM	Acomizza, Ita	14.63 330	P	Pn	08 19 22.1 +0.7
RONA	Rosalia, Austr	14.63 339	ePn	Pn	08 19 21.7 +0.5
RONA	comp=Z,1.3nm,0.5s				
SESA	Seetaler Alpe,	14.69 334	ePn	Pn	08 19 22.4 +0.2

FUSE	Fusea	14.74 329	P	Pn	08 19 24.0 +1.3
STAL	STALIGAL	14.74 328	Pn	Pn	08 19 22.5 -0.2
KOLS	Kolonick sedl	14.75 356	eP	Pn	08 19 30.2 +1.5
KOLS	Kolonick sedl	14.75 356	eP	Pn	08 19 30.2 +1.5
KOLS	Kolonick sedl	14.75 356	P	Pn	08 19 25.6 +2.9
MYHS	Vyhne	14.75 347	eP	P	08 19 29.3 +0.5
MYHS	Vyhne	14.75 347	eP	P	08 19 29.3 +0.5
MODS	Modra-Piesok	14.98 343	eP	P	08 19 32.2 +0.9
MODS	Modra-Piesok	14.98 343	eP	P	08 19 32.2 +0.9
SMOL	Smolenice	15.08 343	eP	P	08 19 33.1 +0.7
KBA	Koelnbreinsper	15.13 331	i Pn	Pn	08 19 28.0 -0.1
KBA	Koelnbreinsper	15.13 331	P	Pn	08 19 27.9 -0.1
ABTA	Abfaltersbach	15.21 329	ePn	Pn	08 19 29.3 +0.3
ABTA	comp=Z,0.7nm,0.3s				
STHS	Stebnicka Huta	15.31 353	eP	P	08 19 35.9 +1.0
STHS	Stebnicka Huta	15.31 353	eP	P	08 19 35.9 +1.0
SALO	Salr	15.32 322	Pn	IAMB	08 19 31.2 +0.8
SALO			IAMB	IAMB	08 19 57.8
NIE	Niedzica	15.42 351	P	Pn	08 19 33.4 +1.8
NIE	comp=Z,2.4nm,0.9s				
MOA	Molin	15.42 335	ePn	P	08 19 32.1 +0.3
MOA	Molin	15.42 335	P	P	08 19 37.6 +1.4
MOA	comp=Z,16nm,1.0s				
BIOA	Bad Ischl, Au	15.52 333	ePn	Pn	08 19 33.2 +0.2
BIOA	comp=Z,1.0nm,0.3s				
LESA	Schwarzleite	15.68 331	ePn	Pn	08 19 35.3 +0.3
LESA	comp=Z,2.2nm,0.2s				
MAUC	Maruska	15.79 345	eP	P	08 19 41.7 +1.4
KRUC	Kruska	15.85 342	eP	P	08 19 40.6 -0.3
KRUC	Marovsky	15.85 342	P	Pn	08 19 35.3 -1.9
KRUC	comp=Z,7.2nm,1.0s				
LUBAR	Lubart, Ukraine	15.93 9	P	Pn	08 19 39.8 +1.6
WTTA	Wattenberg	15.99 328	P	P	08 19 45.0 +2.3
WTTA	Wattenberg	15.99 328	ePn	Pn	08 19 39.4 +0.2
WTTA	comp=Z,1.8nm,0.6s				
WTTA	Wattenberg	15.99 328	P	Pn	08 19 45.0 +2.3
VRAC	Vranov	16.02 342	P	LR	08 19 37.2 -2.2
VRAC	comp=Z,0.4nm,0.3s,baz=163,slow=8.0,SNR=15		LR	LR	08 27 50.8
VRAC	comp=Z,144nm,19.6s,baz=156,slow=45		LR	LR	
VRAC	comp=Z,2.6nm,0.7s				
VRAC	Vranov	16.02 342	eP	AML	AML
VRAC	Vranov	16.02 342	eP	P	08 19 43.2 +0.4
VRAC	comp=Z,5.6nm,0.9s				
WRAT	Walderalm	16.02 328	ePn	Pn	08 19 40.3 0.0
WRAT	comp=Z,0.2nm,0.1s				
SQTA	Sankt Quirin	16.14 327	ePn	Pn	08 19 41.3 +0.1
SQTA	comp=Z,0.3nm,0.1s				
FUORN	Ofenpass-Fuorn	16.15 324	Pn	Pn	08 19 41.2 -0.1
FUORN	Ofenpass-Fuorn	16.15 324	P	Pn	08 19 46.2 +1.7
FUORN	comp=Z,1.3nm,1.4s				
OKC	Ostrava-Krasne	16.17 346	P	P	08 19 45.5 +1.0
OKC	Ostrava-Krasne	16.17 346	P	P	08 19 45.5 +1.0
FETA	Feichten	16.22 326	ePn	Pn	08 19 42.5 +0.4
FETA	comp=Z,0.4nm,0.5s				
MORC	Moravsky Berou	16.24 345	P	Pn	08 19 42.5 +0.2
MORC	MORC		Pmax	Pmax	
MORC	comp=Z,1.1nm,1.0s				
MORC	Moravsky Berou	16.24 345	Pn	Pn	08 19 42.5 +0.2
MORC	Moravsky Berou	16.24 345	eP	P	08 19 45.7 +0.4
MORC	Moravsky Berou	16.24 345	P	P	08 19 46.0 +0.7
MORC	comp=Z,1.2nm,1.0s				
CKRC	Cesky Krumlov	16.25 337	eP	P	08 19 46.9 +1.6
CKRC	Cesky Krumlov	16.25 337	eP	P	08 19 46.9 +1.6
OJC	Ojcow	16.27 350	P	Pn	08 19 42.4

20d 8h

Table of station data for 20d 8h, including columns for station name, code, time, and various parameters like elevation and frequency.

2020 SEP

Main table of station data for 2020 SEP, listing stations like Brasilia, Matsuhiro Arr, and various international stations with their respective codes and times.

1088

Table of station data for 1088, including stations like Urewera, Mare, Loyalty, and others, with detailed metadata and codes.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RUGZ, MUMAKAI, WAIEHE ISLAND, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PLCA, JCT, OZNA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EVN, HHC, HHC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDC 20 09:20:25.7, NEIC 20 09:20:27, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEIC 20 09:21:52, DJA 20 09:21:52, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDC 20 09:28:40, IDC 20 09:38:19, etc.

Y49A	comp=Z,10nm,1.4s	32.20	14	IAMs_20	IAMs_20	10	01	44.5	
RPN	Blount Mountain comp=Z,6um,21.0s	32.28	204	P	P			09 48 45.1 -0.5	
SJG	Rapa Nui comp=Z,1um,19.8s,baz=259,slow=32	32.51	60	LR	LR			09 59 41.1	
SJG	San Juan comp=Z,1um,19.8s,baz=259,slow=32	32.51	60	P	P			09 48 45.5 -0.6	
SJG	San Juan comp=Z,1um,19.8s,baz=259,slow=32	32.51	60	P	P			09 48 45.1 -1.0	
VA02	comp=Z,5.0nm,0.9s	32.55	204	IAMs_20	IAMs_20	10	09	48 25.1	
GOGA	Godfrey comp=Z,4um,20.0s	32.61	19	IAMs_20	IAMs_20	10	01	24.1	
X48A	Hartselle comp=Z,5um,20.0s	32.62	13	IAMs_20	IAMs_20	10	02	32.7	
AMTX	Amarillo comp=Z,4um,18.0s	32.66	350	IAMs_20	IAMs_20	10	01	25.9	
LPAZ	La Paz comp=Z,5.0nm,1.2s,baz=296,slow=7.9,SNR=7.2	32.80	126	P	P			09 48 49.1 -0.1	
LPAZ	La Paz comp=Z,1um,21.9s,baz=310,slow=36								
LPAZ	La Paz comp=Z,5.0nm,1.2s	32.80	126	P	P			09 48 49.5 +0.2	
LPAZ	La Paz comp=Z,4.8nm,1.4s	32.80	126	P	P			09 48 48.8 -0.5	
Y52A	Libburn comp=Z,24nm,1.8s	32.85	17	IAMs_20	IAMs_20	10	01	13.4	
PB16	IPOC Station P comp=Z,6um,22.0s	32.87	130	P	P			09 48 50.1 +0.3	
TUC	Tucson comp=Z,11nm,1.1s	32.93	336	IAMs_20	IAMs_20	10	02	35.3	
TUC	Tucson comp=Z,4um,20.0s	32.93	336	P	P			09 48 50.6 +1.0	
PSGXC	Pisagua comp=Z,12nm,1.9s	33.18	133	P	P			09 48 52.8 +0.8	
PH02	Texas Public H comp=Z,2.1nm,1.5s	33.20	350	P	P			09 48 52.6 +0.7	
PH02	Texas Public H comp=Z,2.1nm,1.5s			Iamb	Iamb			09 48 55.3	
X51A	Calhoun comp=Z,20nm,1.1s	33.27	16	IAMs_20	IAMs_20	10	01	28.8	
PB11	IPOC Station P comp=Z,6um,22.0s	33.62	132	P	P			09 48 56.8 +0.9	
W50A	Signal Hill comp=Z,22nm,1.8s	33.75	15	IAMs_20	IAMs_20	10	02	07.5	
ALQ	Albuquerque comp=Z,5um,21.0s	33.80	343	IAMs_20	IAMs_20	10	01	46.7	
ANMO	Albuquerque comp=Z,7um,21.0s	33.80	343	P	P			09 48 58.8 +1.5	
ANMO	Albuquerque comp=Z,1.6nm,0.6s,baz=156,slow=14,SNR=3.8			LR	LR			10 02 07.9	
TASM	ASL Pad, Albuq comp=Z,1.6nm,0.6s	33.80	343	IAMs_20	IAMs_20	10	01	46.8	
TASM	ASL Pad, Albuq comp=Z,7um,20.0s	33.80	343	IAMs_20	IAMs_20	10	01	46.8	
TASM	ASL Pad, Albuq comp=Z,7um,20.0s	33.80	343	IAMs_20	IAMs_20	10	01	46.7	
G001	Chusmiza comp=Z,20nm,2.4s	33.91	132	P	P			09 48 58.8 0.0	
V48A	Smith Brothers comp=Z,6um,20.0s	33.91	12	IAMs_20	IAMs_20	10	03	21.8	
W52A	Murphy comp=Z,6um,22.0s	34.03	17	IAMs_20	IAMs_20	10	01	49.8	
WVT	Waverly comp=Z,4um,20.0s	34.08	11	IAMs_20	IAMs_20	10	03	54.5	
WVT	Waverly comp=Z,2.9nm,1.5s	34.08	11	P	P			09 49 00.7 +1.2	
PB08	IPOC Station P comp=Z,13nm,2.7s	34.23	132	P	P			09 49 02.3 +0.9	
Y57A	Sumter comp=Z,4um,19.0s	34.24	122	IAMs_20	IAMs_20	10	03	03.0	
PB02	IPOC Station P comp=Z,24nm,1.6s	34.44	135	P	P			09 49 03.7 +0.8	
TKL	Tuckaleech C comp=Z,8.8nm,1.2s,baz=190,slow=12,SNR=2.7	34.60	17	P	P			09 49 05.2 +1.1	
TKL	TKL comp=Z,7um,21.8s,baz=197,slow=35			LR	LR			10 02 29.9	
PB07	IPOC Station P comp=Z,8.8nm,1.2s	34.71	135	P	P			09 49 06.2 +0.9	
T45A	Paducah comp=Z,4um,19.0s	34.81	9	IAMs_20	IAMs_20	10	04	59.6	
U49A	Red Boiling Sp comp=Z,5um,21.0s	34.89	14	IAMs_20	IAMs_20	10	03	06.6	
V53A	Saluda comp=Z,4um,22.0s	34.90	18	IAMs_20	IAMs_20	10	02	13.7	
KM5C	Kings Mountain comp=Z,3um,18.0s	34.90	20	IAMs_20	IAMs_20	10	03	59.7	
CGM3	Cape Girardeau comp=Z,3um,18.0s	34.93	8	P	P			09 49 07.6 +0.8	
X58A	Rowland comp=Z,3um,18.0s	35.12	23	IAMs_20	IAMs_20	10	03	22.3	
T25A	Trinidad comp=Z,5um,18.0s	35.37	347	IAMs_20	IAMs_20	10	03	12.0	
S44A	Carbondale comp=Z,3um,18.0s	35.37	8	IAMs_20	IAMs_20	10	05	31.7	
CCM	Cathedral Cave comp=Z,5nm,1.0s	35.49	6	P	P			09 49 10.4 -1.3	
TCZN	Tazewell comp=Z,6um,21.0s	35.49	16	IAMs_20	IAMs_20	10	02	46.5	
T50A	Nancy comp=Z,5um,21.0s	35.60	15	IAMs_20	IAMs_20	10	03	16.4	
BLYC	Blythe comp=Z,3.6nm,1.4s	35.80	332	P	P			09 49 16.6 +2.2	
BLYC	BLYC comp=Z,3.6nm,1.4s			Iamb	Iamb			09 49 47.4	
WUJAZ	Wupatki comp=Z,4.7nm,1.2s	35.97	337	P	P			09 49 18.6 +2.6	
BAR	Barrett comp=Z,4.7nm,1.2s	36.00	329	P	P			09 49 17.7 +1.6	
BAR	BAR comp=Z,4.7nm,1.2s			IAMs_20	IAMs_20	10	01	39.1	
W59A	Clinton comp=Z,5um,20.0s	36.01	24	IAMs_20	IAMs_20	10	03	59.9	
BC3	Big Chockawall comp=Z,3um,19.0s	36.16	331	IAMs_20	IAMs_20	10	05	26.3	
CBK5	Cedar Bluff comp=Z,4um,19.0s	36.27	354	IAMs_20	IAMs_20	10	03	49.1	
V56A	Windy Hill, Pi comp=Z,3um,18.0s	36.30	23	IAMs_20	IAMs_20	10	04	15.4	
U56A	King comp=Z,3um,18.0s	36.32	21	IAMs_20	IAMs_20	10	00	36.2	
PB14	IPOC Station P comp=Z,4um,22.0s	36.32	140	IAMs_20	IAMs_20	10	00	13.3	
WCI	Wyandotte Cave comp=Z,4um,20.0s	36.42	12	P	P			09 49 21.0 +1.4	
WCI	Wyandotte Cave comp=Z,4um,20.0s	36.42	12	IAMs_20	IAMs_20	10	04	59.2	
WCI	Wyandotte Cave comp=Z,4um,20.0s	36.42	12	P	P			09 49 19.8 +0.2	
IRM	Iron Mountain comp=Z,3um,19.0s	36.43	332	IAMs_20	IAMs_20	10	04	48.2	
S51A	Beattyville comp=Z,6um,22.0s	36.51	16	IAMs_20	IAMs_20	10	03	19.4	
MVCO	Mesa Verde comp=Z,5nm,1.6s	36.51	342	P	P			09 49 20.4 -0.2	
PFO	Pinyon Flats O comp=Z,3.7nm,1.0s	36.63	330	IAMs_20	IAMs_20	10	01	42.6	
PFO	Pinyon Flats O comp=Z,3.7nm,1.0s,baz=144,slow=9.5,SNR=3.6			LR	LR			10 01 53.2	
PFO	PFO comp=Z,5um,21.4s,baz=162,slow=32								
DNR	Dunn Ranch,Anz comp=Z,5um,21.0s	36.68	330	P	P			09 49 24.2 +2.1	
DNR	DNR comp=Z,5.5nm,1.3s			Iamb	Iamb			09 49 55.4	
BE1C	Belle Mtn. Jos comp=Z,3um,18.0s	36.71	331	IAMs_20	IAMs_20	10	05	43.8	
R49A	Shelbyville comp=Z,5um,21.0s	36.73	13	IAMs_20	IAMs_20	10	04	14.3	
K5C0	Kaye Shedlock comp=Z,3um,18.0s	36.85	351	IAMs_20	IAMs_20	10	03	59.7	
P40A	Paris comp=Z,3um,19.0s	36.88	4	IAMs_20	IAMs_20	10	05	49.9	
P43A	Skaggs, Pawnee comp=Z,3um,18.0s	37.25	7	IAMs_20	IAMs_20	10	06	52.5	
AC01	Pan de Azucar comp=Z,4um,19.0s	37.28	142	IAMs_20	IAMs_20	10	01	09.7	
Q24A	comp=Z,3um,18.0s	37.28	347	IAMs_20	IAMs_20	10	04	16.6	
P46A	Rosedale comp=Z,5um,20.0s	37.59	10	IAMs_20	IAMs_20	10	05	32.2	
BF5C	Mount Baldy Ra comp=Z,4um,20.0s	37.73	329	IAMs_20	IAMs_20	10	02	32.9	
P48A	Milroy comp=Z,4um,20.0s	37.79	13	IAMs_20	IAMs_20	10	05	20.4	
MWC	Mount Wilson comp=Z,4um,20.0s	37.93	329	IAMs_20	IAMs_20	10	03	04.1	

T59A	Double "B" Far comp=Z,3um,19.0s	37.93	23	IAMs_20	IAMs_20	10	05	16.8	
PASC	Padadena Art C comp=Z,3um,18.0s	37.95	328	IAMs_20	IAMs_20	10	03	03.8	
S57A	Dark Hollow, R comp=Z,3um,19.0s	38.09	21	IAMs_20	IAMs_20	10	05	21.1	
G5C	Goldstone, Bar comp=Z,3um,18.0s	38.15	331	P	P			09 49 36.5 +2.0	
N41A	Harden Midland comp=Z,3um,18.0s	38.16	6	IAMs_20	IAMs_20	10	06	33.5	
HD1L	Hopdale comp=Z,4um,18.0s	38.18	7	IAMs_20	IAMs_20	10	07	10.1	
ISCO	Idaho Springs comp=Z,65nm,1.9s	38.19	347	P	P			09 49 36.5 +1.5	
ISCO	Idaho Springs comp=Z,4um,19.0s			Iamb	Iamb			09 50 03.5	
ISCO	Idaho Springs comp=Z,15nm,1.7s			IAMs_20	IAMs_20	10	04	48.5	
AC06	Mina Casimiro comp=Z,3um,21.0s	38.19	347	P	P			09 49 36.0 +1.0	
SHOC	Shoshone, Teco comp=Z,3um,19.0s	38.31	143	IAMs_20	IAMs_20	10	01	21.9	
SHOC	Shoshone, Teco comp=Z,3um,19.0s	38.38	332	P	P			09 49 38.7 +2.4	
SZCU	Shurt Canyon comp=Z,4.3nm,1.6s	38.45	337	P	P			09 49 39.6 +2.5	
SZCU	SZCU comp=Z,4.3nm,1.6s			Iamb	Iamb			09 50 09.9	
AC04	Llanos de Chal comp=Z,5um,20.0s	38.51	144	IAMs_20	IAMs_20	10	01	26.2	
GO03	Copiapo comp=Z,4um,21.0s	38.55	143	IAMs_20	IAMs_20	10	01	29.4	
O48B	Farmland comp=Z,4um,20.0s	38.61	13	IAMs_20	IAMs_20	10	05	55.2	
OGNE	Ogallala comp=Z,3um,18.0s	38.65	352	IAMs_20	IAMs_20	10	05	35.3	
AC02	Maricunga comp=Z,4um,21.0s	38.69	141	IAMs_20	IAMs_20	10	01	38.0	
LRMC	Laurel Min Rad comp=Z,3um,19.0s	38.72	330	IAMs_20	IAMs_20	10	03	19.0	
O49A	Covington comp=Z,5um,20.0s	38.73	14	IAMs_20	IAMs_20	10	05	46.3	
SALTA	comp=Z,8.3nm,2.1s	38.81	135	P	P			09 49 41.0 +0.4	
P53A	Whipple comp=Z,4um,22.0s	38.85	17	IAMs_20	IAMs_20	10	04	50.4	
H03N2	Juan Fernandez comp=Z,5um,20.0s	39.05	158	T	T			10 31 35.5	
H03N1	Juan Fernandez comp=Z,5um,20.0s	39.05	158	T	T			10 31 42.6	
MPMC	Manual Prospect comp=Z,4um,21.0s	39.09	331	P	P			09 49 45.2 +2.7	
MPMC	MPMC comp=Z,4um,21.0s			IAMs_20	IAMs_20	10	03	12.7	
PRN	Pahroc Range comp=Z,4um,21.0s	39.09	335	P	P			09 49 44.2 +1.8	
N47A	Urbana comp=Z,4um,21.0s	39.09	12	IAMs_20	IAMs_20	10	06	03.1	
FURC	Furnace Creek, comp=Z,3um,19.0s	39.12	332	IAMs_20	IAMs_20	10	06	46.5	
Q56A	Snyder Ridge, comp=Z,3um,19.0s	39.15	20	IAMs_20	IAMs_20	10	06	33.2	
M44A	Midewin, Midew comp=Z,4um,21.0s	39.17	9	IAMs_20	IAMs_20	10	07	25.3	
ISA	Isabella, Lake comp=Z,4um,20.0s	39.26	330	IAMs_20	IAMs_20	10	03	33.4	
TMUT	Trail Mountain comp=Z,83nm,1.8s	39.28	340	P	P			09 49 46.5 +2.4	
TMUT	TMUT comp=Z,83nm,1.8s			Iamb	Iamb			09 50 17.4	
O52A	Adamsville comp=Z,5um,21.0s	39.31	16	IAMs_20	IAMs_20	10	05	06.4	
LCO	Las Campanas comp=Z,5um,18.0s	39.33	145	IAMs_20	IAMs_20	10	02	35.0	
AC05	El Transito comp=Z,4um,19.0s	39.44	144	IAMs_20	IAMs_20	10	02	14.1	
N49A	Columbus Grove comp=Z,4um,20.0s	39.46	13	IAMs_20	IAMs_20	10	05	47.7	
L42A	Oliver, Polo comp=Z,3um,18.0s	39.56	7	IAMs_20	IAMs_20	10	07	39.7	
CWC	Cottonwood Cre comp=Z,4um,21.0s	39.68	331	IAMs_20	IAMs_20	10	03	52.4	
P57A	Homestead Farm comp=Z,3um,19.0s	39.96	21	IAMs_20	IAMs_20	10	06	26.5	
L44A	Lake County Fo comp=Z,3um,19.0s	39.97	9	IAMs_20	IAMs_20	10	07	49.3	
PTLB	Pontes e Lacer comp=Z,61nm,2.0s	40.06	118	P	P			09 49 50.4 -0.3	
PTLB	PTLB comp=Z,61nm,2.0s			Iamb	Iamb			09 50 17.5	
CO06	Fray Jorge comp=Z,4um,19.0s	40.08	147	IAM					

20d 9h

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and other parameters. Includes stations like Clayton Lake, Jstn Ridge Ob, Allapoint, AlI, Brasilia, etc.

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Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and other parameters. Includes stations like Port Aisworth, Styx River, Bonanza Creek, etc.

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Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and other parameters. Includes stations like Black Forest, ARCES ARCESS Array B, Grafenberg, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and other parameters. Includes stations like Diego Garcia, Crozet Islands, etc.

Mn-0.14; Mn3.03; Mn5-2.89; Mn-2.34; Mn1.15; Mn0-2.75; Fault plane solution: M4.80000x1015 NP2: phi36.00000, psi641.00000, lambda-1.00000. NP2: phi36.00000, psi89.00000, lambda-131.00000. JMA 2010:48:34.3:0.1,35:10.0:4:140:3:0:6,h75km,1km, MD4.4/39,MV4.1/39,SE OFF BOBO PENINSULA JMA Felt II J1 at SE OFF BOBO PENINSULA. IDC 2010:48:35.9:1.0,34:91N:140:12E,h85km,8km,mb4.1/23,mbtmp4.4/28,MS3.65,Error ellipse: s-maj=16.2km s-min=5.7km az=73.0

ISC 2010:48:34.1:0.4,34:38N,0:03:140:32E,0:04,h72km,3km,172km;P-P,n311,35:10.0:4:140:3:0:6,h75km,1km, MD4.4/39,MV4.1/39,SE OFF BOBO PENINSULA. Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists various seismic stations and their associated data points.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists various seismic stations and their associated data points, including stations like LZHZ, LZHM, LZHU, etc.

20d 10h

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like EROS Data Cent, L40A Anamosa, 833A Chaparral WMA, etc.

IDC 20 10:55:45.6;8.2, 20.82N;121.80E, h0km, mb3.9/4, mbtmp3.9/5, ML3.4/1, Error ellipse: s-maj=150.9km s-min=23.0km az=159.0

JMA 20 10:55:48.2, 0.8, 21.1N;3.12E;2E, h2km, MV4.1/15, TAIWAN REGION

ISC 20 10:55:49.5;2.4, 20.8N;122.2E;0.2, h35km, m21, o180/21, mb3.7/4, Philippine Islands region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like HATJ Hatsumi, JYNG Yonagunijimaku, IRIF Iriomote-Funau, etc.

MOS 20 10:59:01.9;0.8, 44.20N;15.89E, h13km, mb4.3/11, Error ellipse: s-maj=4.4km s-min=2.6km az=98.0

BGR 20 10:59:02.7;0.7, 43.98N;16.18E, h10km, ML4.2/17, Error ellipse: s-maj=12.2km s-min=1.1km az=72.0

NAO 20 10:59:02.8; 44.24N;15.97E, h10km, MB3.7, PDG 20 10:59:03.8;0.3, 44.04N;15.81E, h7km, 1km, MD4.3/5, ML4.2/12, Error ellipse: s-maj=1.8km s-min=1.0km

ROM 20 10:59:03.7; 44.22N;15.94E, h10km, mb4.5/17, Mwmp4.0/3, Error ellipse: s-maj=1.4km s-min=0.2km az=226.0

NEIC 20 10:59:03.4; 1.5, 44.20N;0.04;15.98E;0.06, h10km, 1km, mb4.0/9, Error ellipse: s-maj=7.9km s-min=6.2km az=144.0

PRU 20 10:59:04.9; 44.24N;15.97E, h10km, M4.0, GFZ 20 10:59:04.0; 0.1, 44.24N;15.97E, h10km, M4.2/49, mb4.6/49, ML4.0/72, Error ellipse: s-maj=3.6km s-min=2.6km az=49.3, confirmed

BEO 20 10:59:05.6;0.4, 44.32N;16.00E, h16km, 5km, ML4.0/19, IDC 20 10:59:08.4; 1.4, 44.35N;15.98E, h51km, 13km, mb3.6/16, mbtmp3.8/28, ML3.7/13, MS3.5/6, Error ellipse: s-maj=1.1km s-min=1.0km az=173.0

SOF 20 10:59:51.8; 43.44N;0.09;20.8E;0.1, h10km, 14km, MD3.0/6

ISC 20 10:59:03.2;0.7, 44.21N;0.02;16.01E;0.02, h15km, 4km, n537, o187/646, mb4.0/23, MS3.4/4, 49C-35D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like KLVJ Kijevo, UDBI Udbina, MORI Morici, etc.

2020 SEP

Main table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like HVAR Hvar, MAKMA Makarska, MOZL Moslavina, etc.

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Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like MPLH Trudelj, TRUS Trudelj, AVAS Avala Beograd, etc.

KW1	Garching a.d.	4.58 330	ePn	Pn	11 00 13.9 +2.0
KW1			eSn	Sn	11 01 06.7 +1.9
PZV	Piszkesteto	4.59 35	P	Pn	11 00 12.2 +0.0
PSZ	Piszkesteto	4.59 35	uP	Pn	11 00 12.2 +0.0
PSZ	Piszkesteto	4.59 35	uP	Pn	11 00 14.8 +2.7
PSZ	Piszkesteto	4.59 35	P	Pn	11 00 13.9 +1.7
PSZ			AML	AML	
SURR	Surduc	4.61 66	uP	Pn	11 00 14.8 +2.5
HERR	Herculana	4.63 79	uP	Pn	11 00 09.4 -3.2
MOTA	Moosalm	4.65 314	P	Pn	11 00 14.6 +1.6
MOTA	Moosalm	4.65 314	iPn	Pn	11 00 14.6 +1.6
MOTA	22nm,0.4s,SNR=58		eSn	Sn	11 01 08.8 +2.0
FETA	Feichten	4.65 309	P	Pn	11 00 14.5 +1.4
FETA	Feichten	4.65 309	iPn	Pn	11 00 14.5 +1.4
OHR	Ohrid	4.70 130	iPn	Pn	11 00 17.4 +3.8
OHR			iSn	Sn	11 01 14.8 +6.9
FUORN	Ofenpass-Fuorn	4.71 303	P	Pn	11 00 14.6 +0.7
FUORN	Ofenpass-Fuorn	4.71 303	P	Pn	11 00 15.5 +1.5
VYHS	Vyhne	4.71 24	eP	Pn	11 00 14.4 +0.6
VYHS			e	Pn	11 01 06.7
VYHS	Vyhne	4.71 24	ePn	Pn	11 00 14.4 +0.6
VYHS			eSn	Sn	11 01 06.7 +1.5
VYHS	Vyhne	4.71 24	eP	Pn	11 00 14.8 +1.0
VYHS			AML	AML	
BOB	Bobbio (Coli)	4.73 279	uP	Pn	11 00 14.8 +0.8
BOB	Bobbio (Coli)	4.73 279	uP	Pn	11 00 14.8 +0.8
PART	Garmisch-Parte	4.75 312	ePn	Pn	11 00 16.2 +2.0
CKRC	Cesky Krumlov	4.76 346	eP	Pn	11 01 16.8 +2.4
CKRC			e	Pn	11 01 09.1
CKRC	Cesky Krumlov	4.76 346	ePn	Pn	11 00 16.8 +2.4
CKRC			eSn	Sn	11 01 09.1 -0.2
CKRC	Cesky Krumlov	4.76 346	ePn	Pn	11 00 16.8 +2.5
CKRC			eSn	Sn	11 01 09.2 +0.3
ZUGS	Zugspitze, Sch	4.76 314	ePn	Pn	11 00 16.5 +1.8
JAVC	Velka Javorina	4.79 13	ePn	Pn	11 00 16.5 +1.6
JAVC			eSn	Sn	11 01 07.6 -2.6
JAVC	Velka Javorina	4.79 13	ePn	Pn	11 00 16.5 +1.6
JAVC			eP	Pn	11 00 16.4 +1.5
KRUC	Moravsky	4.86 3	P	Pn	11 00 16.9 +1.1
KRUC	Moravsky	4.86 3	ePn	Pn	11 00 16.5 +0.7
KRUC			eSn	Sn	11 01 08.1 -3.7
KRUC	Moravsky	4.86 3	ePn	Pn	11 00 16.8 +1.1
KRUC			eP	Pn	11 01 10.1 -1.7
KRUC	Moravsky	4.86 3	P	Pn	11 00 16.9 +1.1
ZAPS	Zavoj	4.89 99	ePn	Pn	11 00 18.9 +2.7
ZAPS			eSn	Sn	11 01 12.0 -0.6
GERES	GERESS Array S	4.90 342	P	Pn	11 00 18.1 +1.6
GERES	GERESS Array S	4.90 342	P	Pn	11 00 17.4 +1.0
GERES	GERESS Array S	4.90 342	ePn	Pn	11 00 17.6 +1.1
GERES			eSn	Sn	11 01 11.9 -1.1
GERES	GERESS Array S	4.90 342	P	Pn	11 00 18.1 +1.6
GERES	GERESS Array B	4.90 342	AML	AML	
GERES			P	Sn	11 00 17.7 +1.2
GERES	2.4nm,0.3s,baz=152,slow=15,SNR=289		S	Sn	11 01 11.9 -1.1
GERES	128nm,0.3s,baz=152,slow=24,SNR=31		AML	AML	
GERES	GERESS Array B	4.90 342	AML	AML	
RETA	Reutte	4.92 314	P	Pn	11 00 17.9 +1.4
RETA	Reutte	4.92 314	iPn	Pn	11 00 18.0 +1.4
RETA	2.1nm,0.1s,SNR=46		eSn	Sn	11 00 18.0 +1.4
RETA			eSn	Sn	11 01 16.8 +3.5
GZR	Gura Zlata	4.96 74	uP	Pn	11 00 19.9 +2.7
GZR	Gura Zlata	4.96 74	uP	Pn	11 00 19.9 +2.7
BORR	Bors	4.97 53	uP	Pg	11 00 39.6 +1.2
BE1	Monatshausen	4.98 320	ePn	Pn	11 00 18.9 +1.4
DAVOX	Davos/Dischmat	5.02 303	P	Pn	11 00 19.5 +1.4
DAVOX	15nm,0.3s,baz=112,slow=11,SNR=104		S	Sn	11 01 16.9 +0.9
DAVOX	32nm,0.3s,baz=353,slow=24,SNR=3.5		AML	AML	
DAVOX	32nm,0.3s		AML	AML	
BOSS	Bosilegrad	5.02 108	ePn	Pn	11 00 20.5 +2.5
BOSS			eSn	Sn	11 01 17.0 +1.3
KBN	Korca	5.03 134	P	Pn	11 00 21.3 +3.1
KBN	Korca	5.03 134	P	Pn	11 00 21.1 +2.9
KBN	comp=Z,0.4nmcomp=Z,40nm,0.7s		AML	AML	
TIP	Timpagrande	5.06 173	uP	Pn	11 00 19.3 +0.8
TIP	Timpagrande	5.06 173	uP	Pn	11 00 19.8 +1.2
TIP	Timpagrande	5.06 173	uP	Pn	11 00 20.3 +1.8
TIP	Timpagrande	5.06 173	P	Pn	11 00 20.1 +1.5
TIP	comp=Z,0.1nmcomp=Z,46nm,0.5s		AML	AML	
TREC	Trest	5.10 356	P	Pn	11 00 20.2 +1.1
TREC			S	Sn	11 01 16.8 -0.9
TREC	Trest	5.10 356	P	Pn	11 00 21.1 +2.0
TREC	comp=Z,0.3nmcomp=Z,60nm,0.5s		AML	AML	
VRAC	Vranov	5.12 4	P	Pn	11 00 20.2 +0.9
VRAC	comp=Z,7.9nm,0.3s,baz=189,slow=13,SNR=36		AML	AML	
VRAC	comp=Z,31nm,0.3s,baz=254,slow=20,SNR=10		AML	AML	
VRAC			AML	AML	
VRAC	Vranov	5.12 4	ePn	Pn	11 00 20.2 +0.9
VRAC			eSn	Sn	11 01 13.2 -4.9
VRAC	Vranov	5.12 4	uP	Pn	11 00 20.1 +0.9
VRAC			eSn	Sn	11 00 20.2 +0.9
VRAC	Vranov	5.12 4	ePn	Pn	11 01 18.3 +0.2
VRAC			P	Pn	11 00 20.8 +1.4
VRAC	comp=Z,0.1nmcomp=Z,24nm,0.6s		AML	AML	
VRAC	Furstenfeldbru	5.14 322	AML	AML	
FUR	Furstenfeldbru	5.14 322	ePn	Pn	11 00 21.3 +1.6
FUR	Furstenfeldbru	5.14 322	ePn	Pn	11 00 20.9 +1.2
FUR	Furstenfeldbru	5.14 322	P	Pn	11 00 21.3 +1.6
FUR	comp=Z,0.8nmcomp=Z,248nm,0.8s		AML	AML	
DEV	Deva	5.17 69	uP	Pn	11 00 23.0 +3.1
DEV	Deva	5.17 69	uP	Pn	11 00 23.0 +3.1
DEV	Deva	5.17 69	P	Pn	11 00 22.7 +2.8
DEV	comp=Z,0.2nmcomp=Z,36nm,0.7s		AML	AML	
DEV	Kasperske Hory	5.20 342	uP	Pn	11 00 21.4 +0.9
KHC	Kasperske Hory	5.20 342	ePn	Pn	11 00 21.4 +0.9
KHC			eSn	Sn	11 01 19.4 -0.8
KHC	Kasperske Hory	5.20 342	uP	Pn	11 00 21.2 +0.7
KHC	Kasperske Hory	5.20 342	uP	Pn	11 00 21.8 +1.3
KHC	Kasperske Hory	5.20 342	uP	Pn	11 00 21.8 +1.3
KHC			eSn	Sn	11 01 18.6 -1.6
KHC	Kasperske Hory	5.20 342	P	Pn	11 00 22.0 +1.5
KHC	comp=Z,0.2nmcomp=Z,48nm,1.1s		AML	AML	
LTVH	Llavres, Hu	5.20 50	uP	Pg	11 00 47.3 +4.6
TUE	Stuetta	5.21 298	uP	Pn	11 00 21.5 +0.8
TUE	Stuetta	5.21 298	uP	Pn	11 00 21.9 +1.1
TUE	Stuetta	5.21 298	P	Pn	11 00 22.2 +1.4
TUE	comp=Z,0.2nmcomp=Z,60nm,0.7s		AML	AML	
TUE	Sarande	5.25 144	AML	AML	
SRN			AML	AML	
DAVA	Damuels	5.28 308	P	Pn	11 00 22.7 +1.0
DAVA	Damuels	5.28 308	uP	Pn	11 00 22.9 +1.2
DAVA	Damuels	5.28 308	iPn	Pn	11 00 22.7 +1.0
DAVA	comp=Z,20nm,0.3s,SNR=37		eSn	Sn	11 01 24.6 +2.2
DAVA	Damuels	5.28 308	P	Pn	11 00 23.9 +2.2
DAVA	Damuels	5.28 308	AML	AML	
KECS	Kecovo	5.28 34	eP	Pn	11 00 23.2 +1.7
KECS			e	Pn	11 01 20.7
KECS	Kecovo	5.28 34	ePn	Pn	11 00 23.1 +1.6
KECS			eSn	Sn	11 01 20.7 -1.4
KEK	Kerkira	5.31 147	P	Pn	11 00 21.8 +0.1
KEK	Kerkira	5.31 147	P	Pn	11 00 21.8 -0.1
KEK	Kerkira	5.31 147	uP	Pn	11 00 21.6 -0.3
KEK	Kerkira	5.31 147	P	Pn	11 00 21.9 -0.1
KEK	comp=Z,0.4nmcomp=Z,75nm,0.5s		AML	AML	
PCP	Piaccastagn	5.36 276	P	Pn	11 00 22.4 -0.3
PGF	Pioggia	5.37 254	uP	Pn	11 00 23.7 +0.8
PGF	Pioggia	5.37 254	uP	Pn	11 00 23.7 +0.8
DRGR		5.37 59	P	Pn	11 00 25.3 +2.4
DRGR			AML	AML	

DRGR		5.37 59	P	Pn	11 00 25.3 +2.4
DRGR			AML	AML	
ZVC	Zvikov	5.38 347	ePn	Pn	11 00 23.7 +0.8
ZVC			eSn	Sn	11 00 22.8 -1.8
UBR	Ueberruh	5.38 312	ePn	Pn	11 00 23.9 +0.9
UBR	comp=Z,0.7nmcomp=Z,113nm,0.9s		P	Pn	11 00 24.5 +1.5
UBR			AML	AML	
WET	Wetzell	5.39 338	P	Pn	11 00 23.9 +0.9
WET	Wetzell	5.39 338	P	Pn	11 00 23.9 +0.9
WET	comp=Z,0.2nmcomp=Z,56nm,0.7s		AML	AML	
WET	Blasha	5.46 102	AML	AML	
WET			S	Sn	11 00 27.7 +3.7
WET	Blasha	5.47 40	P	Pn	11 00 51.0 -3.6
WET	Abaujker	5.47 40	P	Pn	11 00 25.7 +1.6
WET	comp=Z,0.1nmcomp=Z,52nm,1.1s		AML	AML	
ABAH			AML	AML	
LANS	Liptovska Anna	5.49 24	eP	Pn	11 00 26.2 +1.8
LANS			P	Pn	11 01 29.7
LANS	Liptovska Anna	5.49 24	ePn	Pn	11 00 26.2 +1.8
LANS			ePn	Pn	11 00 27.6 +2.9
VTS	Vitosha	5.50 104	P	Pn	11 00 53.2 -3.5
MARR	Marisel-Cluj	5.58 61	uP	Pn	11 00 28.1 +2.3
GRC3	Grafenberg Arr	5.59 328	P	Pn	11 00 26.0 +0.2
GRC3	comp=Z,0.3nmcomp=Z,81nm,0.8s		AML	AML	
VAY	Valandovo	5.62 119	iPn	Pn	11 00 29.3 +3.0
VAY			iSn	Sn	11 01 32.4 +1.8
GRC2	Grafenberg Arr	5.65 327	P	Pn	11 00 26.7 +0.1
GRC2	comp=Z,0.4nmcomp=Z,81nm,0.9s		AML	AML	
LOT	Lotru	5.66 75	uP	Pb	11 00 37.3 -4.4
MPEP	Malo Peshtene	5.66 96	uP	Pn	11 00 28.8 +2.0
MORC	Moravsky Berou	5.67 10	uP	Pn	11 00 28.9 +2.0
MORC	Moravsky Berou	5.67 10	uP	Pn	11 00 27.9 +0.9
MORC	Moravsky Berou	5.67 10	ePn	Pn	11 00 29.0 +1.1
MORC	Moravsky Berou	5.67 10	eSn	Sn	11 01 27.7 -4.1
MORC	Moravsky Berou	5.67 10	uP	Pn	11 00 28.1 +1.2
MORC	Moravsky Berou	5.67 10	uP	Pn	11 00 28.9 +2.0
MORC	Moravsky Berou	5.67 10	ePn	Pn	11 00 28.0 +1.1
MORC	Moravsky Berou	5.67 10	P	Pn	11 00 28.4 +1.4
MORC	comp=Z,0.1nmcomp=Z,45nm,0.8s		AML	AML	
IGT	Igoumenitsa	5.68 144	P	Pn	11 00 28.3 +1.2
PLNA	Plana	5.68 105	P	Pn	11 00 30.9 +3.8
GRC1	Grafenberg Arr	5.70 329	P	Pn	11 00 27.4 +0.1
GRC1	comp=Z,0.3nmcomp=Z,89nm,0.8s		AML	AML	
GRC1			AML	AML	
GRG	Griva	5.73 122	P	Pn	11 00 30.8 +3.0
GRG	Griva	5.73 122	P	Pn	11 00 30.8 +3.0
GRG	comp=Z,0.7nmcomp=Z,126nm,0.8s		AML	AML	
KKB	Krupnik	5.73 112	P	Pn	11 00 31.6 +3.9
GRB5	Grafenberg Arr	5.74 330	P	Pn	11 00 27.9 +0.1
GRB5	comp=Z,0.3nmcomp=Z,82nm,0.9s		AML	AML	
GRB5			AML	AML	
GRC4	Grafenberg Arr	5.77 329	P	Pn	11 00 28.3 0.0
GRC4	comp=Z,0.3nmcomp=Z,102nm,0.8s		AML	AML	
JAN	Janina	5.81 140	P	Pn	11 00 30.7 +1.9
OKK	Ostrava-Krasne	5.82 14	P	Pn	11 00 34.2 +0.3
OKK			S	Sn	11 01 34.2 -1.1
OKK	Ostrava-Krasne	5.82 14	ePn	Pn	11 00 30.1 +1.2
OKK	Ostrava-Krasne	5.82 14	P	Pn	11 00 30.6 +1.7
OKK	comp=Z,0.1nmcomp=Z,81nm,0.9s		AML	AML	
PRU	Pruhonic	5.87 351	eP	Pn	11 00 30.6 +1.0
PRU			e	Pn	11 01 35.1
PRU	Pruhonic	5.87 351	ePn	Pn	11 00 30.6 +1.0
PRU			eSn	Sn	11 01 35.1 -1.5
PRU	Pruhonic	5.87 351	P	Pn	11 00 30.9 +1.2
PRU	comp=Z,0.2nmcomp=Z,42nm,0.7s		AML	AML	
GRB2	Grafenberg Arr	5.88 331	P	Pn	11 00 29.9 +0.1
GRB2	comp=Z,0.3nmcomp=Z,95nm,1.0s		AML	AML	
GRB3	Grafenberg Arr	5.89 332	P	Pn	11 00 30.3 +0.3
GRB3					

20d 11h

Table with columns: IDI, S, Sn, Time, Az, El, etc. Includes stations like ANOYA, KARPATHOS, KARATHOS, etc.

2020 SEP

Table with columns: CMAP, S, Sn, Time, Az, El, etc. Includes stations like CHIANG MAI ARR, KOREA ARRAY, etc.

HEL 20 11:00:11.6:0.0,60:20N:25:22E, h0km, ML0.9, Explosion, Finland

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like VUOS, HELSI, LAUT, etc.

CNRM 20 11:01:49.3,34:49N:9:36W, h22km, ML2.8

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like AVE, SRHM, ZHG, etc.

ISC 20 11:01:50.2:1.4,34:57N:0:04:9:41W:0:06, h35km, n83, 173/152, 15C, West of Gibraltar

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like AVE, SRHM, ZHG, etc.

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Table with columns: ESPR, S, Sn, Time, Az, El, etc. Includes stations like ESPERA, IFRANE, JIMENA FRONTER, etc.

IDC 20 11:11:13.7-3.5, 2.37N-94.48W, h0km, mb3.5/4, mbtmp3.5/4, MS3.8/24, Error ellipse: s-maj=247.0km s-min=65.6km az=63.0

NEIC 20 11:11:15.4-1.0, 2.5N-101.94, 26W, 0.06, h10km, 2km, mb4.1/17, Error ellipse: s-maj=23.0km s-min=4.9km az=202.0

ISC 20 11:11:14.5-1.1, 2.4N-0.1, 94.3W-0.1, h10km, n53, #067/25, mb4.0/11, MS3.8/21, Galapagos Islands region

Table with columns: Code, Station Name, Az, AzP, Phase, ID, Time, Res, ISC. Lists various seismic stations like PAYG Puerto Ayora, JAR Las Juntas de, CARN Rivas, etc.

IDC 20 11:45:21.9-4.2, 5.83S-105.10E, h0km, mb3.7/6, mbtmp3.7/6, Error ellipse: s-maj=230.3km s-min=21.6km az=51.0

DJA 20 11:45:25.2-1.5, 7.5S-101.4E, h20km, 11km, M4.0/14, ML3.9/12, MLv3.9/12, M0.0/0.7

ISC 20 11:45:25.7-1.0, 6.55S-104.41E, 0.08, h40km, n25, #097/20, mb3.7/6, Sunda Strait

Table with columns: Code, Station Name, Az, AzP, Phase, ID, Time, Res, ISC. Lists stations like KASI Kota Agung, MNAI Manna, CNJI Cibinong, etc.

Table with columns: Code, Station Name, Az, AzP, Phase, ID, Time, Res, ISC. Lists stations like CMJI Cimerak, KPJI Karang Pucung, TPI Tanjungpandan, etc.

IDC 20 12:17:32.3-16.0, 13.21S-166.92E, h250km, 151km, mb3.3/6, mbtmp3.9/6, Error ellipse: s-maj=66.5km s-min=32.4km az=90.0

ISC 20 12:17:24.6-1.3, 13.22S-0.3, 167.1E-0.3, h180km, n7, #070/7, mb3.7/6, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzP, Phase, ID, Time, Res, ISC. Lists stations like CTA Charters Tower, STKA Stephens Creek, WRA Warramunga Arr, etc.

KRNET 20 12:18:36.3-0.1, 40.34N-70.53E, h14km, mb2.7

NNC 20 12:18:45.4-4.2, 40.54N-70.62E, h0km, mb3.6, mpv3.1, Error ellipse: s-maj=31.6km s-min=19.1km az=28.0

SOME 20 12:18:47.2, 40.65N-70.58E, h20km

ISC 20 12:18:38.0-1.2, 40.28N-0.05, 70.58E-0.05, h16km, 10km, n18, #150/32, 17C-1D, Tajikistan

Table with columns: Code, Station Name, Az, AzP, Phase, ID, Time, Res, ISC. Lists stations like BTK Batken, DRK Karamyk, TRKS Terek-Say, etc.

TAP 20 12:56:05.0, 24.08N-121.79E, h23km, ML3.6, C

ISC 20 12:56:05.5-1.2, 24.070N-0.02, 121.83E-0.03, h57km, 5km, n136, #116/24, 2C-1D, Taiwan

Table with columns: Code, Station Name, Az, AzP, Phase, ID, Time, Res, ISC. Lists stations like ETL Fush Village, TWD Chiawan, HWA Hwalien, etc.

Table with columns: Code, Station Name, Az, AzP, Phase, ID, Time, Res, ISC. Lists stations like EOS4 Shilin, ESO2 Su ao, WARB Fenglin Townsh, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LSZ Lusaka, LLLB Lilloe, EKA Ekka, NVAR Mina Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WCKO SCLT, WARB Fenling, TSCK Chigu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Mws3.1 confirmed, ISC 20 14:40:30.2, etc.

JMA 20 13:57:18.6; 0.2, 22' N; 121.6E; 0.7, h0km, MV3.6/13, TAIWAN REGION

ISAP 20 13:57:19.0; 1.1, 21.96N; 121.48E; h20km, ML3.5, D

TSC 20 13:57:19.0; 1.1, 21.96N; 0.04; 121.55E; 0.03; h23km, g6km, n112, o1817/169, 2C, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LVUB Lan-yu, LAY Lan-yu, Hengchuen, etc.

ISC 20 14:06:46.8; 8.5, 2'52N; 94.37W; h0km, mb3.6/4, mbtmp3.6/4, MS3.2/2, Error ellipse: s-maj=256.7km

s-min=156.0km az=76.0, Galapagos Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMIG Matias Romero, TXAR Lajitas Array, LPAZ La Paz, etc.

ISC 20 14:11:55.2; 1.1, 34.16N; 25.58E; h0km, mb3.7/6, mbtmp3.6/8, ML3.3/2, Error ellipse: s-maj=21.5km

s-min=16.5km az=30.0, ISC 20 14:11:57.2; 1.0, 34.13N; 0.1; 25.6E; 0.1, h17km, n9, o591/10, mb3.7/5, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDI Anoyia, BRTR Keskin Array, ILAR Eielson Array, etc.

ISC 20 14:40:21.0; 3.3, 37N; 0.02; 32.75E; 0.02, h8km, g6km, n102, o1834/155, mb3.5/3, Cyprus region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Code Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BOZY Bozayazi-Mersin, etc.

AFAD 20 14:40:21.0; 3.3, 37N; 0.02; 32.75E; h50km, ML3.1

ISC 20 14:40:28.2; 3.4; 29N; 32.78E; h6km, ML3.3/20

ISC 20 14:40:29.6; 0.9; 34.50N; 32.78E; h0km, mb3.6/4, mbtmp3.6/8, ML2.5/3, Error ellipse: s-maj=18.4km

s-min=11.1km az=51.0, NIC 20 14:40:29.5; 3.4; 38N; 32.72E; h6km, 1km, ML2.8/9

GII 20 14:40:31.0; 3.0; 0.0; 34.488N; 0.002; 32.653E; 0.001, h0km,

0.7nm,0.8s,baz=253,slow=7.1,SNR=6.4					
QSPA	South Pole Qui	63.87 180 P	P	16 15 55.2	-0.1
1.6nm,1.1s,baz=284,slow=12,SNR=1.9					
MKAR	Manakchi Array	73.33 8 P	P	16 16 54.3	0.0
0.5nm,0.6s,baz=172,slow=4.2,SNR=3.5					
0.5nm,0.6s					

IDC 20 16:08:38.7-3.4,31.90S-178.02W,h0km,mb3.3/2, mbtm3.4/3,ML2.8/1,Error ellipse: s-maj=77.3km s-min=49.8km az=119.0, Kermadec Islands region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
URZ	Urewera	7.50 211 Pn	Op Pn	16 10 28.9	-0.3
0.2nm,0.3s,baz=71,slow=19,SNR=1.7					
URZ					
ASAR	Alice Springs	43.03 269 P	AML P	16 16 41.0	+0.7
0.4nm,0.3s,baz=108,slow=7.6,SNR=12					
WRA	Warramunga Arr	44.16 274 P	P	16 16 48.4	-1.0
0.2nm,0.4s,baz=112,slow=1.1,SNR=8.3					
FINES	FINES Array B	146.54 339 PKPbc	PKPbc	16 28 20.5	+0.7
5.1nm,1.1s,baz=46,slow=4.0,SNR=2.1					

IDC 20 16:10:16.0-2.4,28.99N-139.02E,h0km,mb3.2/2, mbtm3.2/3,ML2.4/1,Error ellipse: s-maj=295.9km s-min=22.0km az=89.0

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
JIE	Ise	4.15 325 eP	Op Pn	16 11 56.4	-0.1
KJK2	Miekiokhu	4.27 319 eP	Pn	16 11 56.4	-1.2
CBJ	Chichi jima	4.52 150 eP	Pn	16 12 13.3	+0.6
JAO	Obara	4.67 330 eP	Pn	16 12 02.8	+0.9
MJAR	Matsushiro Arr	5.62 348 Pn	Pn	16 12 12.6	+0.2
0.1nm,0.3s,baz=174,slow=11,SNR=11					
MJAR					
WRA	Warramunga Arr	50.93 186 P	P	16 19 03.8	-9.1
0.2nm,0.5s,baz=4.8,slow=7.7,SNR=1.6					
ASAR	Alice Springs	56.66 186 P	P	16 19 31.1	-8.9
0.3nm,0.9s,baz=358,slow=5.1,SNR=5.7					
0.3nm,0.9s					

IDC 20 16:12:43.5-7.1,58.51S-159.57E,h0km,mb3.6/2, mbtm3.5/3,ML3.9/1,MS3.7/5,Error ellipse: s-maj=337.8km s-min=32.1km az=73.0, Macquarie Island region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
VNDA	Vanda	19.12 178 P	Op P	16 17 07.8	+0.2
baz=358,slow=11,SNR=4.4					
VNDA					
STKA	Stephens Creek	29.29 328 LR	LR	16 29 27.5	
comp=2.77nm,18.3s,baz=203,slow=34					
QSPA	South Pole Qui	31.60 180 LR	LR	16 30 19.7	
comp=2.84nm,18.2s,baz=302,slow=33					
H01W1	Cape Leeuwin H	38.04 288 T	T	17 00 19.8	
baz=143,slow=75,SNR=7.0					
H01W2	Cape Leeuwin H	38.05 288 T	T	17 00 18.8	
baz=143,slow=75,SNR=7.0					
H01W3	Cape Leeuwin H	38.06 288 T	T	17 00 21.5	
baz=143,slow=75,SNR=6.9					
ASAR	Alice Springs	39.33 321 P	P	16 20 14.4	+0.2
0.5nm,0.6s,baz=158,slow=7.1,SNR=9.8					
MAW	Mawson	40.30 216 LR	LR	16 36 33.5	
comp=2.11nm,18.1s,baz=164,slow=7.0,SNR=5.4					
WRA	Warramunga Arr	42.66 324 P	P	16 20 41.1	-0.6
1.0nm,0.9s,baz=164,slow=7.0,SNR=5.4					
FITZ	Fitzroy Crossi	47.38 314 LR	LR	16 39 04.5	
comp=2.77nm,18.3s,baz=210,slow=33					
H08S2	Diego Garcia H	82.01 268 T	T	17 55 11.2	
baz=148,slow=76,SNR=8.9					
H08S1	Diego Garcia H	82.02 268 T	T	17 55 12.8	
baz=148,slow=76,SNR=8.9					
H08S3	Diego Garcia H	82.03 268 T	T	17 55 17.4	
baz=148,slow=76,SNR=14					

NIED 20 16:27:09.2,28.72N-130.01E,h35km, MW3.9 Moment Tensor Solution, s- Moment tensor: Scale 10¹⁴N; Mn=3.03, Mw=3.76, Mm=0.73; Mw=4.45; Mw=5.81; Mw=4.75; Fault plane solution: Ms=7.4000-10¹⁴ NP1: $\phi=277.0000^\circ$; $\delta=3.20000^\circ$; $\lambda=152.0000^\circ$; NP2: $\phi=31.00000^\circ$; $\delta=75.00000^\circ$; $\lambda=61.00000^\circ$

JMA 20 16:27:09.2-0.2,28.72N-130.01E,h35km,4km, MV3.5/23, NEAR AMAMI-OSHIMA ISLAND

JMA Felt J1 at NEAR AMAMI-OSHIMA ISLAND

IDC 20 16:27:10.2-2.3,28.68N-130.04E,h49km,mb3.4/6, mbtm3.6/9,ML3.2/3,MS3.2/9,Error ellipse: s-maj=31.7km s-min=13.5km az=103.0

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
JZK	Kaikashima	0.36 205 iP	Op Pn	16 27 18.1	+0.2
JZK			Sn	16 27 25.6	+1.5
JAM	Amami Oshima	0.53 245 iP	Sn	16 27 18.8	-1.2
JAM			Sn	16 27 26.2	-1.7
JAMN	Amaminishikomi	0.94 245 eP	Pn	16 27 25.5	-0.1
JAMN			Sn	16 27 38.0	+0.1
JTAJ	Takarajima	0.97 302 P	Pn	16 27 25.0	-1.1
JTAJ			Sn	16 27 36.7	-2.0
JNN	Nakanoshima	1.22 349 P	Pn	16 27 29.2	-0.4
JNN			Pn	16 27 44.8	0.0
JTK	Tokunoshima	1.35 231 P	Pn	16 27 32.0	+0.7
JTK			Sn	16 27 50.0	+1.8
JYAK	Yakushimahirau	1.62 11 eP	Sn	16 27 35.7	+0.6
JYAK			Sn	16 27 55.4	+0.6
JYAK			Sn	16 27 37.8	+0.9
JMNT	Minamitate	1.87 20 P	Pn	16 27 39.1	+0.6
JOKE	Okinoerabujima	1.89 228 eP	Pn	16 27 39.7	+1.0
JTN	Tanegashima 3	2.14 20 eP	Pn	16 27 42.8	+0.6
JYRO	Yoronjima	2.20 223 P	Pn	16 27 43.5	+0.5
JYRO			Sn	16 28 08.9	-0.1
JOW	Kunigami	2.45 223 eP	Sn	16 27 47.3	+0.9
10.0nm,0.3s,baz=82,slow=22,SNR=27					
JOW			Sn	16 28 16.1	+1.1
70nm,0.3s,baz=116,slow=25,SNR=6.8					
JOW					
JOW	Kunigami	2.45 223 eP	AML P	16 27 47.1	+0.7
JOW			Sn	16 28 15.9	+0.9
JOW			Sn	16 27 47.8	+0.6
JJH	Iheya	2.50 231 eP	Pn	16 27 52.3	+0.7
JNTH	Nagotoyohara	2.83 222 eP	Pn	16 27 52.4	+0.5
JNTH			Pn	16 27 51.4	-0.8
JKDJ	Kitadaitoujima	2.87 159 eP	Sn	16 28 24.0	-1.5
JKDJ			Sn	16 27 53.3	-0.2
JMZ	Minamidaito 2	2.97 161 eP	Sn	16 28 26.2	-1.6
JKE	Kume jima 2	3.77 233 eP	Pn	16 28 05.6	+1.1
JNU	Nakatsuji 8	4.18 18 P	Pn	16 28 14.6	-0.2
1.8nm,0.3s,baz=189,slow=9.3,SNR=53					
JNU					
JNU	Korea Arr	8.99 349 P	AML P	16 29 18.0	+1.9
KSR5			LR	16 32 56.5	
0.1nm,0.3s,baz=162,slow=14,SNR=4.8					
KSR5					
comp=2.79nm,19.1s,baz=170,slow=39					
KSR5					
0.5nm,0.6s					
KSR5					
KSR5					
SOMM	Songino Array	26.57 323 LR	LR	16 45 17.4	
comp=2.52nm,18.4s,baz=168,slow=41					
CMAR	Chiang Mai Arr	30.27 257 LR	LR	16 46 43.0	
comp=2.28nm,18.1s,baz=123,slow=39					
TLY	Talaya	30.36 327 LR	LR	16 46 56.0	

YAK	Yakutsk	33.40 360 LR	LR	16 47 51.0	
comp=2.32nm,19.2s,baz=161,slow=37					
MKAR	Manakchi Array	41.26 309 P	P	16 34 49.7	-0.5
0.6nm,0.9s,baz=92,slow=8.4,SNR=1.6					
MKAR			LR	16 53 02.8	
comp=2.28nm,18.2s,baz=319,slow=38					
ZALV	Zalesovo Beam	41.42 321 P	P	16 34 51.1	-0.2
0.7nm,0.4s,baz=103,slow=11,SNR=3.8					
ZALV			LR	16 53 38.3	
comp=2.26nm,19.5s,baz=171,slow=38					
KURBB	Kurchatov Arr	44.34 314 P	P	16 35 14.5	-0.5
0.3nm,0.4s,baz=101,slow=7.2,SNR=4.2					
AAK	Ala-Archa	46.55 303 LR	LR	16 56 32.9	
0.3nm,0.4s					
WRA	Warramunga Arr	48.47 175 P	P	16 35 48.6	+1.0
0.4nm,0.7s,baz=355,slow=7.8,SNR=3.0					
ASAR	Alice Springs	52.13 176 P	P	16 36 15.9	+0.6
0.6nm,1.1s,baz=349,slow=9.1,SNR=1.9					
AKTO	Aktuyubinsk	57.38 314 LR	LR	17 02 16.6	
comp=2.32nm,19.2s,baz=293,slow=37					
FINES	FINES Array B	71.61 331 P	P	16 38 25.1	-0.8
1.3nm,0.7s,baz=64,slow=8.7,SNR=3.9					
1.3nm,0.7s					

IDC 20 16:55:01.7-0.5,6.61S:153.93E,h0km,mb4.6/23, mbtm4.6/27,ML4.1/4,MS3.5/20,Error ellipse: s-maj=14.9km s-min=10.6km az=91.0

BUI 20 16:55:03.5,6.20S:153.93E,h10km,mb5.1/8,mb4.8/45 NEIC 20 16:55:04.0-1.1,6.60S:103.153:84E:0.06,h10km,1km, mb5.0/83,Error ellipse: s-maj=10.3km s-min=4.3km az=294.0

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
KRVT	Keravat (AS076)	2.91 321 Pn	Op Pn	16 55 50.8	+0.7
70nm,0.3s,baz=131,slow=0.4,SNR=29					
KRVT			Sn	16 56 23.8	-1.4
97nm,0.3s,baz=345,slow=21,SNR=13					
KRVT					
RABL	Rabaul	2.92 325 AML	AML	16 55 50.8	+0.5
TATA	Tatambata Isabel	6.17 107 P	Pn	16 56 38.7	+3.6
HNR	Honiara	6.67 115 Pn	Pn	16 56 42.0	+1.0
PMG	Port Moresby	7.18 247 Pn	Pn	16 56 50.1	+1.2
4.7nm,0.3s,baz=62,slow=5.3,SNR=80					
PMG			Sn	16 58 11.2	+0.5
7.9nm,0.3s,baz=136,slow=24,SNR=2.2					
PMG			LR	16 59 47.0	
comp=2.547nm,18.3s,baz=6.5,slow=39					
PMG					
PMG	Port Moresby	7.18 247 P	Pn	16 56 50.5	+1.5
PMG	Port Moresby	7.18 247 S	Sn	16 58 09.4	-1.2
PMG	Port Moresby	7.18 247 S	Sn	16 56 50.4	+1.5
PMG	Port Moresby	7.18 247 S	Sn	16 58 09.5	-1.2
PMG	Port Moresby	7.18 247 P	Pn	16 56 49.2	+0.2
PMG	Port Moresby	7.18 247 P	Pn	16 56 50.8	+1.8
PMG			AML		
PMG			AML		
PMG	Port Moresby	7.18 247 P	Pn	16 56 51.7	+2.7
comp=2.22nm,0.8s					
PATS	Pohnpei	14.07 19 Pn	Pn	16 58 22.3	-1.0
MTSU	Mount Surprise	14.76 218 Pn	Pn	16 58 32.8	0.0
CTA	Charters Tower	15.30 208 Pn	Pn	16 58 38.5	-1.5
comp=2.1,1nm,0.3s,baz=24,slow=11,SNR=30					
CTA			LR	17 04 23.6	
comp=2.152nm,18.5s,baz=50,slow=37					
CTA			AML		
CTAO	Charters Tower	15.30 208 Pn	Pn	16 58 39.2	-0.8
CTAC	Charters Tower	15.30 208 Pn	Pn	16 58 39.2	-1.0
EIDS	Eidsvold	18.85 188 P	Pn	16 59 23.6	-0.5
EIDS	Eidsvold	18.85 188 P	Pn	16 59 25.1	+0.4
comp=2.13nm,1.2s					
NOUC	Port Laquerre	19.55 143 P	P	16 59 32.2	+0.4
QIS	Mount Isa	19.57 237 P	P	16 59 32.8	+0.7
QIS	Mount Isa	19.57 237 P	P	16 59 32.8	+0.7
DZM	Mont Dzumac	19.62 143 P	P	16 59 32.5	-0.2
comp=2.0,1nm,0.3s,baz=12,slow=14,SNR=2.9					
comp=2.1,1nm,1.0s					
DZM			AML		
FAKI	Fak Fak	21.82 279 P	P	16 59 58.6	+2.1
FAKI	Fak Fak	21.82 279 P	P	16 59 55.4	-1.1
FAKI	Fak Fak	21.82 279 P	P	16 59 57.4	+0.9
FAKI	Fak Fak	21.82 279 P	P	16 59 57.7	+1.2
QLP	Quilpie	21.88 204 P	P	16 59 57.9	+0.9
comp=2.42nm,1.3s					
GUMO	Guam	21.94 336 P	P	16 59 56.0	-1.8
comp=2.47nm,0.9s,baz=198,slow=11,SNR=5.6					
GUMO			LR	17 08 53.0	
comp=2.29nm,19.0s,baz=147,slow=38					
GUMO			IAMB	17 00 01.7	

Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like WMQ Urumqi, HYB Hyderabad, W19K White Mountain, etc.

Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like VYHS Vyhne, GERES GERESS Array B, LPAZ La Paz, etc.

Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like AC05 El Transito, LCO Las Campanas, PB12 IPOC Station, etc.

Table with columns: Code, Station Name, IAML, Time, Res, and various station codes like VTX, SJX, ECJBX, etc.

Table with columns: Code, Station Name, IAML, Time, Res, and various station codes like SATY, PDGK, ANVS, etc.

Table with columns: Code, Station Name, IAML, Time, Res, and various station codes like XAN, PZH, HNS, etc.

Table with columns: Code, Station Name, IAML, Time, Res, and various station codes like PRZ, TARG, SHLS, etc.

Table with columns: Code, Station Name, IAML, Time, Res, and various station codes like JOW, JNU, JNU, etc.

Table with columns: Code, Station Name, IAML, Time, Res, and various station codes like BTO2, HHC, HHC, etc.

20d 19h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Gaziantep, Hatay/Reynhan, Lefkose, Isparta, etc.

2020 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASF, ASF, ASF, Jerusalem, Almog, etc.

1110

Table with columns for station name, frequency, power, and other technical details. Includes stations like EIL, EIL, Eilat, Eilat, Carcaliu, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like MDVR, ARCR, BURAR, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like CONA, BEL, BEL, STEB, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like UVC, CHVC, CHVC, etc.

20d 19h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like GRA2, GRA3, TUE, GRA1, etc.

2020 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BSEG, DEL, KIRV, etc.

1112

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like WSAR, STRU, SVE, etc.

ISC 20:20:34:16.8:1.7,36.48N,0.03:9.99W,0.06,h12km,10km,
n38,c121/59,West of Gibraltar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Vila Bisbo, Marnelete, Messejana, Minas do Lousa, etc.

MOS 20:20:41:16.5:0.9,37.89N,74.55E,h116km,mb4.5/5,Error ellipse: s-maj=9.4km s-min=4.1km az=83.8
IDC 20:20:41:19.0:3.8,38.05N,74.54E,h120km,32km,mb3.5/12, mbtmp4.1/17,Error ellipse: s-maj=28.7km s-min=14.8km az=24.0

NNC 20:20:41:22.5:4.5,38.50N,73.75E,h0km,mb4.6,mpv4.4, Error ellipse: s-maj=35.0km s-min=21.3km az=177.0
NEIC 20:20:41:22.8:1.7,38.30N,0.06:74.54E,0.05, h146km,10km,mb4.5/10,Error ellipse: s-maj=9.8km s-min=3.5km az=207.0

SOME 20:20:41:23.7,39.08N,73.43E,h20km
ISC 20:20:41:21.9:0.4,38.23N,0.04:74.38E,0.04,h150km,n136, c2905/164,mb4.0/16,8C-13D,Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Kashi, Karamyk, Arslanbob, Naryn, etc.

Main table with columns: BOOM, Boomskeye usch, KBK, Karagaybulak, KDJ, Kajisay, etc. Lists numerous stations and their parameters.

Table with columns: ZALV, Zalesovo Beam, Zalesovo Beam, etc. Lists stations like Zalesovo Beam, Shilong, Gaotai, etc.

IDC 20:20:55:04.2:8.6,9.25S,113.43E,h0km,mb3.7/3, mbtmp3.7/3,Error ellipse: s-maj=197.5km s-min=119.6km az=18.0
DJA 20:20:55:13.0:0.4,8.56S,113.3E,h112km,4km,M3.3/19, MLV3.3/19,MLV3.3/19

ISC 20:20:55:12.2:1.1,8.61S,0.10:113.21E,0.05,h100km,n13, c192/17,mb3.4/3,Jawa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Jajag, Banyuwaru, Banyuglur, etc.

IDC 20:21:06:10.8:3.0,4.92S,152.18E,h56km,24km,mb3.6/4, mbtmp3.8/4,MS2.8/1,Error ellipse: s-maj=64.7km s-min=20.2km az=121.0
ISC 20:21:06:12.6:1.3,4.85S,0.2:152.0E,0.3,h70km,n7,c0963/8, mb3.7/4,New Britain region

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like PET, ZSN, YAK, MK31, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like MDOK, TNSN, AAA, BOOM, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like NRIK, AFI, AFI, TOZ, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DAWY Dawson, O28M Mount Upton, PCA Pinnacle, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AK08 Malin Array Si, AK03 Malin Array Si, AKASG Malin Array Be, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, etc.

20d 22h

Table with columns: PRZ, Przewalski, 53.70 317, I, Amb, I, Amb, 22 31 12.4, etc. Lists various locations and their associated data points.

2020 SEP

Table with columns: URZ, Urewera, 66.54 139, P, P, 22 32 40.8 +2.1, etc. Lists various locations and their associated data points.

1126

Table with columns: KBZ, Khabaz, 79.31 313, i, P, P, 22 33 52.5 -1.9, etc. Lists various locations and their associated data points.

AKASG	Malin Array Be	87.69 321	P	P	22 34 36.1	-1.3
AKASG	comp=Z,2.0nm,0.7s		Iamb	Iamb	22 35 08.4	
AKBB	Malin Array Si	87.69 321	i	P	22 34 35.0	-2.4
AKBB	Malin Array Si	87.69 321	P	P	22 34 36.2	-1.2
AK10	Malin Array Si	87.69 321	P	P	22 34 36.5	-0.9
AK01	Malin Array Si	87.70 321	P	P	22 34 35.3	-2.1
K10V	Kiev	87.70 321	P	P	22 34 36.4	-1.0
AK02	Malin Array Si	87.71 321	P	P	22 34 36.6	-0.9
AK05	Malin Array Si	87.72 321	P	P	22 34 37.0	-0.5
AK06	Malin Array Si	87.73 321	P	P	22 34 36.4	-1.2
AK07	Malin Array Si	87.73 321	P	P	22 34 36.6	-1.0
AK11	Malin Array Si	87.73 321	P	P	22 34 36.7	-0.9
AK12	Malin Array Si	87.73 321	P	P	22 34 36.1	-1.0
AK16	Malin Array Si	87.77 321	P	P	22 34 36.9	-0.9
AK22	Malin Array Si	87.77 321	P	P	22 34 36.9	-0.9
AK14	Malin Array Si	87.78 321	P	P	22 34 35.8	-2.0
AK18	Malin Array Si	87.78 321	P	P	22 34 35.8	-2.0
AK21	Malin Array Si	87.79 321	P	P	22 34 36.9	-0.9
LUBAR	Lubar, Ukraine	88.78 320	P	P	22 34 41.4	-1.2
VNDA	Vanda	88.94 173	P	P	22 34 42.9	+0.2
	comp=Z,2.0nm,1.0s,baz=309,slow=4.9,SNR=19					
VNDA	Vanda	88.94 173	P	P	22 34 42.4	-0.3
MAW	Mawson	89.07 200	P	P	22 34 42.4	-1.0
	comp=Z,1.6nm,1.5s					
MAW	Mawson	89.07 200	P	P	22 34 42.6	-0.7
	comp=Z,7.3nm,1.1s,baz=55,slow=10,SNR=6.1					
MAW	Mawson	89.07 200	P	P	22 34 42.7	-0.7
KIBK	Kibwezi	89.29 268	Iamb	Iamb	22 35 18.0	
RNPP9	Sopachiv	89.58 322	P	P	22 34 45.2	-1.1
RNPP8	Yarash	89.62 322	P	P	22 34 45.1	-1.4
RNPP1	Kostyukhnivka	89.67 322	P	P	22 34 45.8	-0.9
KMBO	Kilima Mbogo	89.88 269	P	P	22 34 47.5	-1.3
	baz=90,slow=13					
DAG	Danmarks Havn	91.74 353	P	P	22 34 55.7	+1.6
DAG	comp=Z,4.3nm,1.2s		pmax	pmax		
DAG	Danmarks Havn	91.74 353	i	P	22 34 57.7	-0.1
DAG	comp=Z,7.0nm,1.4s		Iamb	Iamb	22 34 56.6	
HFS	Hagfors	93.16 333	P	P	22 35 02.3	-0.4
	comp=Z,1.3nm,0.5s,baz=83,slow=3.7,SNR=5.5					
NEEM	North Green	93.34 360	i	P	22 35 05.3	+1.7
NEEM	comp=Z,3.0nm,0.5s		Iamb	Iamb	22 35 08.0	
NB2	NORSAR Subarra	93.87 334	P	P	22 35 05.1	-0.9
	comp=Z,2.7nm,0.9s,baz=62,slow=4.6					
NOA	NORSAR Array B	93.87 334	P	P	22 35 05.3	-0.7
	comp=Z,1.5nm,0.9s,baz=62,slow=4.6,SNR=4.2					
YKAW3	Yellowknife Wh	94.28 24	P	P	22 35 07.5	-0.3
YKAW3	comp=Z,1.7nm,1.8s		Iamb	Iamb	22 35 14.9	
YKA	Yellowknife Ar	94.32 24	P	P	22 35 08.2	+0.3
	comp=Z,2.1nm,0.7s,baz=302,slow=3.6,SNR=8.5					
YKA	Yellowknife Ar	94.32 24	i	P	22 35 09.8	+1.8
YKA	Yellowknife Ar	94.32 24	P	P	22 35 07.9	-0.1
YKAW1	Yellowknife Wh	94.37 24	P	P	22 35 08.4	+0.2
YKAW1	comp=Z,2.1nm,0.7s		Iamb	Iamb	22 35 29.9	
CLL	Collm	97.22 325	eP	P	22 35 21.0	-0.5
CLL	Collm	97.22 325	eP	P	22 35 21.0	-0.5
SUMG	Summit	97.69 356	i	Pdf	22 35 24.9	+1.2
GERES	GERES Array B	97.82 322	P	P	22 35 23.8	-0.5
	comp=Z,0.3nm,0.3s,baz=90,slow=2.7,SNR=3.6					
GERES	GERES Array B	97.82 322	P	P	22 35 23.5	-0.9
TXAR	Lajitas Array	117.91 50	PKP	PKPdf	22 40 36.8	+0.6
	comp=Z,0.8nm,0.9s,baz=347,slow=3.1,SNR=8.8					
TXAR	Lajitas Array	117.91 50	PKP	PKPdf	22 40 35.3	-0.9
TXAR	Lajitas Array	117.91 50	PKP	PKPdf	22 40 35.3	-0.9
TORD	Torodi Ar. Bea	121.22 92	PKP	PKPdf	22 40 41.6	-1.1
	comp=Z,1.8nm,0.8s,baz=62,slow=2.2,SNR=11					
PLCA	Paso Flores	145.11 156	PKP	PKPdf	22 41 27.1	+0.5
	comp=Z,3.0nm,1.0s,baz=195,slow=4.3,SNR=11					
CELP	Cerrillos	149.65 26	PKP	PKPdf	22 41 33.9	-0.9
ROSC	Ei Rosal	154.54 57	PKP	PKPdf	22 41 43.1	+0.4
	comp=Z,2.4nm,0.3s,baz=251,slow=9.3,SNR=4.7					
ROSC	Ei Rosal	154.54 57	PKP	PKPdf	22 41 43.0	-1.6
ROSD	Santo Domingo	154.81 57	PKP	PKPdf	22 41 43.7	+0.9
	comp=Z,2.9nm,0.2s,baz=264,slow=4.0,SNR=4.3					
CPUP	Villa Florida	162.63 167	PKP	PKPab	22 42 38.9	-0.6
CPUP	Villa Florida	162.63 167	PKP	PKPab	22 42 38.4	-1.1
LPAZ	La Paz	163.77 117	PKP	PKPdf	22 41 53.8	+0.2
	comp=Z,6.7nm,1.1s,baz=258,slow=2.1,SNR=8.4					
LPAZ	La Paz	163.77 117	PKP	PKPab	22 42 46.5	+0.8
LPAZ	La Paz	163.77 117	PKP	PKPab	22 42 43.8	-2.0

KRSC 20 22:45:42.7, 3.49:53N:156:69E, h17km, mb4.4, Error ellipse: s-maj=14.8km s-min=4.7km az=70.8

MOS 20 22:45:43.6, 1.2, 49:57N:155:67E, h64km, mb4.24, Error ellipse: s-maj=14.8km s-min=4.7km az=70.8

NEIC 20 22:45:46.5, 0.7, 49:7N:0.1:155:6E:0.2, h66km, 7km, mb4.2/6, Error ellipse: s-maj=18.8km s-min=11.3km az=144.0

IDC 20 22:45:46.3, 2.8, 49:71N:155:59E, h69km, 25km, mb3.5/14, mbmp3.8/7, Error ellipse: s-maj=23.4km s-min=15.3km az=141.0

ISC 20 22:45:44.3, 0.6, 49:55N:0:08:155:81E:0:09, h54km, n90, r1549/97, mb3.8/17, 1D, Kuril Islands

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	h	m	s	ISC	Time	Res
SKR	Severo-Kuril's	1.15	10	i	PN	Pn	22	46	04.0	-1.0		
SKR	comp=Z,222nm,0.5s				pmax	pmax						
SKR	comp=E,1um,0.3s				smax	smax						
SKR	comp=N,1um,0.4s				smax	smax						
SKR	Severo-Kuril's	1.15	10	eP	Pn	Pn	22	46	04.0	-0.1		
SKR	PAU	2.02	18	PN	Pn	Pn	22	46	15.9	+0.1		
SKR	PAU	2.02	18	PN	Pn	Pn	22	46	39.7	-0.2		
SKR	PAU	2.02	18	eP	Pn	Pn	22	46	16.0	+0.1		
SKR	PAU	2.02	18	eP	Pn	Pn	22	46	39.7	-0.2		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	24.2	-0.7		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	53.7	-2.4		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	24.2	-0.7		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	53.7	-2.4		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	24.2	-0.7		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	53.7	-2.4		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	24.2	-0.7		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	53.7	-2.4		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	24.2	-0.7		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	53.7	-2.4		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	24.2	-0.7		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	53.7	-2.4		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	24.2	-0.7		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	53.7	-2.4		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	24.2	-0.7		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	53.7	-2.4		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	24.2	-0.7		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	53.7	-2.4		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	24.2	-0.7		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	53.7	-2.4		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	24.2	-0.7		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	53.7	-2.4		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	24.2	-0.7		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	53.7	-2.4		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	24.2	-0.7		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	53.7	-2.4		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	24.2	-0.7		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	53.7	-2.4		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	24.2	-0.7		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	53.7	-2.4		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	24.2	-0.7		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	53.7	-2.4		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	24.2	-0.7		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	53.7	-2.4		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	24.2	-0.7		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	53.7	-2.4		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	24.2	-0.7		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	53.7	-2.4		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	24.2	-0.7		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	53.7	-2.4		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	24.2	-0.7		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	53.7	-2.4		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	24.2	-0.7		
SKR	KDTR	2.68	32	eP	Pn	Pn	22	46	53.7	-2.4		
SKR	KDTR	2.										

WDJ			eS	Sb	23 55 52.4 -0.8	comp=Z,390nm,10.1s	L	L	ZAAO	comp=Z,8.2nm,0.8s	Iamb	Iamb	00 02 41.1				
ESAO	Su ao	2.15	4	eS	23 55 23.5 -0.3	XAN	comp=Z,2um,17.5s	L	L	ZALV	Zalesovo Beam	41.96 328	P	P	00 02 38.3 -0.5		
ESAO			eS	Pn	23 55 50.0 -0.2	XAN	comp=Z,1um,11.0s	L	L	ZALV	WAKE ISLAND Hy 42.15 218	P	P	00 02 37.7 -1.1			
NDC	Datong Townshi	2.17	356	eP	23 55 23.8 +0.1	DL2	Dalian	16.43 360	eP	Pn	COCO	WEST ISLAND	42.15 218	P	P	00 02 46.4 +5.7	
TWC	Satog	2.18	4	eP	23 55 24.3 +0.1	DL2			S	Sn	H11N1	WAKE ISLAND Hy 42.17 85	T	T	00 02 47.52.8		
NDS	Dongshai	2.20	1	eP	23 55 24.4 -0.2	DL2	comp=Z,20nm,0.6s			pmax	H11N2	WAKE ISLAND Hy 42.17 85	T	T	00 02 47.52.9		
VCHM	Qimei	2.21	291	eP	23 55 24.1 -0.6	DL2	comp=Z,170nm,4.6s			pmax	H11N3	WAKE ISLAND Hy 42.19 85	T	T	00 02 47.54.2		
VCHM			S	Pn	23 55 50.0 -1.8	DL2	comp=Z,930nm,11.6s			L	PALK	Pallekele	42.20 256	LR	LR	00 02 48.4	
PHUB	P'eng-hu	2.21	300	eP	23 55 24.0 -0.8	DL2	comp=Z,710nm,10.3s			L	PALK	Pallekele	42.20 256	P	P	00 01 45.1 +3.8	
PHUB			eS	Pn	23 55 51.1 -0.9	DL2	comp=Z,1um,11.7s			L	H11S3	WAKE ISLAND Hy 42.24 87	T	T	00 02 47.59.3		
YHNB	Yeheng	2.25	353	eP	23 55 25.0 -0.1	SLVN	Son La	16.53 270	P	P	H11S1	WAKE ISLAND Hy 42.25 87	T	T	00 02 47.59.7		
YHNB	Yeheng	2.25	353	eP	23 55 25.5 +0.1	BJ12	Beijing	18.15 346	S	Sn	H11S2	WAKE ISLAND Hy 42.26 87	T	T	00 02 48.03.8		
YHNB			eS	Pb	23 55 52.4 -0.6	BJ12	comp=Z,3.0nm,0.5s			L	MA2	Magadar	42.44 22	LR	LR	00 02 22.85.5	
NFF	Wufeng Townshi	2.25	347	eP	23 55 27.0 +1.6	BJ12	comp=Z,440nm,13.1s			L	KSH2	Kashi	42.49 304	P	P	00 02 50.0 +6.4	
PNB	Penghu	2.25	301	eP	23 55 24.5 -0.8	BJ12	comp=Z,300nm,15.1s			L	KSH2	comp=Z,4.0nm,2.7s			L	L	
PNB			eS	Pn	23 55 54.4 +0.7	BJ12	comp=Z,240nm,14.4s			L	KSH2	comp=Z,220nm,10.7s			L	L	
NSK	Sanguang	2.26	353	eP	23 55 25.6 +0.1	INU	Inuyama	18.58 43	P	P	NRN	Naryn	42.59 307	P	P	00 02 44.7 +0.2	
NSK			eS	Pn	23 55 25.6 +0.1	PZH	PanZhihua	18.58 287	P	Pn	KURK	Kurchatov	43.73 321	P	P	00 02 53.8 +0.6	
NSKT	Nanjuang	2.28	345	eP	23 55 51.8 -1.4	PGF	Kuroka	18.95 43	P	P	KURK	comp=Z,7.5nm,0.8s			Iamb	Iamb	
NSTT			eS	Pb	23 55 28.5 -0.9	MAJO	Matsushiro	20.09 42	P	Pn	KURB	Kurchatov Arra	43.74 321	P	P	00 02 53.7 +0.4	
TWE	Neicheng	2.28	360	eP	23 55 56.2 -1.2	MJAR	Matsushiro Arr	20.09 42	P	P	WRA	Warranguna Arr	43.89 163	P	P	00 02 53.1 -1.7	
TWE			eS	Pn	23 55 25.8 +0.1	MJAR	comp=Z,4.5nm,0.6s			L	AAK	Ala-Archa	43.94 309	LR	LR	00 02 51.9	
LIQB	Emei	2.29	345	eP	23 55 27.1 +1.3	MJAR	comp=Z,4.5nm,0.6s			L	AAK	Ala-Archa	43.94 309	LR	LR	00 02 55.2 0.0	
LIQB			eS	Pn	23 55 54.2 +0.4	MJAR	comp=Z,4.5nm,0.6s			L	BTK	Batken	46.25 305	P	P	00 03 14.9 +1.3	
FUSB	Fushanzhiwuyua	2.32	358	eP	23 55 26.0 +0.1	MJAR	comp=Z,4.5nm,0.6s			L	BTK	BTk	46.25 305	P	P	00 03 34.9	
JYNG	Yonagunijimaku	2.33	30	eP	23 55 26.0 +0.2	MJAR	comp=Z,4.5nm,0.6s			L	KK31	Karatay Array	46.90 309	P	P	00 03 19.3 +0.7	
NWLT	Wulai	2.34	356	eP	23 55 26.8 +0.2	MJAR	comp=Z,4.5nm,0.6s			L	KK31	Karatay Array	46.90 309	P	P	00 03 22.6 +0.3	
NWLT			eS	Pn	23 55 26.8 +0.2	MJAR	comp=Z,4.5nm,0.6s			L	KK31	Karatay Array	46.90 309	P	P	00 03 34.4	
YOJ	Yonaguni jima	2.37	31	eP	23 55 25.7 -1.2	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 21.2 -0.9	
YOJ	Yonaguni jima	2.37	31	eP	23 55 26.9 0.0	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 25.9 +3.8	
YOJ	Yonaguni jima	2.37	31	eP	23 55 25.4 +0.5	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 02 28.8	
YOJ	Yonaguni jima	2.37	31	eP	23 55 26.6 +0.3	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 02 50.4	
YHNB	Yonaguni jima	2.38	349	eP	23 55 21.5 -0.5	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.2 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 28.8 +1.2	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.34 165	P	P	00 03 37.6 +0.2	
YHNB	Yonaguni jima	2.38	349	eP	23 55 30.5 -1.8	MJAR	comp=Z,4.5nm,0.6s			L	ASAR	Alice Springs	47.				

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like CARN Rivas, CARN Copaltepe, NANN Nandasmo, etc.

IDC 21 01:39:30.4±1.1, 5.78S, 152.43E, h0km, mb4.2/6, mbmp4.2/7, ML2.4/1, MS3.1/4, Error ellipse: s-maj=28.7km s-min=14.3km az=114.0

NEIC 21 01:39:33.1±2.5, 6.6S, 0.06°152.4E±0.1, h10km±1km, mb4.5/22, Error ellipse: s-maj=23.8km s-min=9.5km az=90.0

ISC 21 01:39:37.1±0.7, 5.67S, 0.07°152.2E±0.1, h45km, n40, c093/33, mb4.3/17, MS3.2/3, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like KRVT Keravat, RABL Rabaul, PMG Port Moresby, etc.

IDC 21 01:47:13.2±1.0, 44.26N, 115.29W, h0km, mbmp2.4/5, ML2.8/3, Error ellipse: s-maj=14.3km s-min=8.7km az=81.0

NEIC 21 01:47:15.2±1.2, 44.274N±0.009, 115.20W±0.03, h14km±7km, ML2.7/62, ML3.0/18(BUT), Error ellipse: s-maj=3.4km s-min=1.4km az=93.0

BUT 21 01:47:15.9±1.9, 44.28N±0.01, 115.18W±0.03, h10km±8km, Error ellipse: s-maj=3.4km s-min=1.9km az=81.0

ISC 21 01:47:14.0±0.8, 44.26N±0.03, 115.21W±0.03, h11km, n46, c082/54, Western Idaho

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like HLID Hailey, HLID 236nm,0.2s, HLID 221nm,0.4s, etc.

IDC 21 01:49:14.5±1.2, 11.00N±125.01E, h0km, mb3.6/7, mbmp3.6/7, MS3.0/1, Error ellipse: s-maj=79.0km s-min=20.5km az=71.0

MAN 21 01:49:14.0, 10.96N, 124.78E, h1km, MS3.7, MAN INTENSITY III - ALBUERA LEYTE - ORMOCC CITY - INTENSITY II - BURAIJEN DAGAMI AND LA PAZ LEYTE

MMPH Lazi, Siquijor 2.09 211 eP Sg 01 50 10.9 -0.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like LSPi Sibulan, DAV Davao City, LQP Lukban, etc.

IDC 21 02:06:03.0±1.4, 5.57N, 126.57E, h0km, mb3.9/7, mbmp3.9/7, MS3.4/1, Error ellipse: s-maj=121.9km s-min=19.6km az=71.0

MAN 21 02:06:14.0, 5.51N, 126.29E, h94km, MS3.6, ISC 21 02:06:15.9±0.9, 5.22N±0.09, 125.9E±0.3, h100km, n9, c077/10, mb4.0/7, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like CDDP Cateel, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

IDC 21 02:14:18.6±3.9, 14.29N, 147.71E, h0km, mb3.9/7, mbmp3.9/7, Error ellipse: s-maj=153.6km s-min=31.8km az=85.0, Mariana Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like WRA Warramunga Arr, SONM Songino Array, ZALV Zalesovo Beam, etc.

NNC 21 02:35:12.2±7.4, 36.81N, 71.29E, h167km±160km, mb2.2, mpv3.1, 3C, Error ellipse: s-maj=77.0km s-min=41.4km az=10.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like KK31 Karatay Array, AAK Ala-Archa, AB31 Akbulak array, etc.

IDC 21 02:51:38.5±4.4, 53.20N, 163.61W, h0km, mb3.7/7, mbmp3.6/8, ML2.8/1, Error ellipse: s-maj=103.9km s-min=24.2km az=161.0

NEIC 21 02:51:43.9±1.3, 53.51N±0.05, 163.59W±0.06, h22km±3km, mb3.7/14, ML3.2/16, ML3.0(AE/C), Error ellipse: s-maj=8.0km s-min=4.7km az=193.0

AIC 21 02:51:43.5±1.5, 53.42N±0.06, 163.56W±0.05, h28km±5km, Error ellipse: s-maj=8.5km s-min=4.1km az=192.0

ISC 21 02:51:43.6±1.1, 53.4N±0.1, 163.54W±0.05, h29km±7km, c109/79, mb3.9/6, Unimak Island region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like SSSL Shishaldin Sou, ISNN Isanotski Nort, AKUT Akutan, etc.

IDC 21 02:51:43.6±1.1, 53.4N±0.1, 163.54W±0.05, h29km±7km, n15, c157/20, mb3.6/7, Leyte

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like PLP Palo, LLL Lapu-Lapu, TBP Tagbilaran, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like CNBA Chernabura Isl, VNFQ Fog Glacier, CHGN Chignik, etc.

NEIC 21 03:05:06.1 ± 1.0, 56.4N, 0.1 ± 1.48, 27W, 0.08, h10km, 2km, ML3.6/68, ML3.4(AEIC), Error ellipse: s-maj=19.0km, s-min=3.8km az=158.0

ICD 21 03:05:09.6 ± 1.4, 56.66N, 148.35W, h0km, mb3.1/1, mbmp3.4/5, ML3.5/4, MS2.2/1, Error ellipse: s-maj=21.5km s-min=4.3km az=15.0

AEIC 21 03:05:11.1 ± 1.0, 56.4N, 0.1 ± 1.48, 27W, 0.1, h12km, 8km, Error ellipse: s-maj=18.5km s-min=8.5km az=152.0

ISC 21 03:05:07.6 ± 1.0, 56.49N, 0.07, 148.28W, 0.05, h10km, n174, o121/181, Gulf of Alaska

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like KDAK Kodiak Island, KDAK Kodiak Island, KDAK Kodiak Island, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like Q19K Katmai Pasha, KAPH Katmai Pasha, AUGK Augustine Isla, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like P30M Brillion Dollar, PLBC Pleasant Camp, TRF Thorofare Moun, etc.

CFUSG 21 03:37:29.9, 38.00N, 34.01E, h1km, Mb3.1, MD3.3/5, MS2.0/5, ISK 21 03:37:30.4, 38.08N, 34.03E, h6km, ML4.2/32, IDC 21 03:37:30.3, 0.6, 38.05N, 34.10E, h0km, mb3.1/1, mbmp3.8/22, ML3.9/8, MS3.6/27, Error ellipse: s-maj=13.1km s-min=8.8km az=75.0

AFAD 21 03:37:30.1, 38.02N, 34.02E, h7km, 1km, MW4.1, GII 21 03:37:34.1 ± 0.0, 37.81N, 0.004, 33.630E, 0.001, h0km, Mw5.4, confirmed

GFZ 21 03:37:35.1 ± 0.2, 38.1N, 3.3E, h10km, M4.0/19, mb4.0/19, ISC 21 03:37:30.9 ± 1.1, 38.06N, 0.02, 34.03E, 0.02, h1km, 8km, n196, o1936, mb3.9/11, MS3.5/21, 7C-7D, Turkey

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like BSIR Belisirma, GULA Gulagac, YESI Yesilyurt, NIDE Nigde/Mezke-G, etc.

2d 3h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KKUL, GUNE, KOZT, AFRS, ADANA, Keskin Array B, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TARU, EPOS, PRNI, ANOYA, EIL, GNI, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ECH, BANOM, NAZ, MASF, FINES, SMDO, HFS, NOA, etc.

HLW 21 03:44:20.5, 31.85N, 30.73E, h20km, 4km, M13.2
G11 21 03:44:23.8, 0.0, 31.787N, 0.002, 30.975E, 0.0, 0.01, h0km,
MWS3.2, confirmed
ISC 21 03:44:18.0, 1.1, 31.81N, 0.004, 30.77E, 0.04, h10km, n66,
c1946/85, E047

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res. Includes stations like HLW, KOT, HNAT, etc.

21d 4h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, H m s ISC, Res. Includes stations like WAKE ISLAND Hy 78.46 286 T, TIKI Tiksi, RAO Raoul Island, EKA Eskdalemuir Ar, ARCES ARCES Array B, etc.

YARS 21 04:28:12.2, 63.52N:150.15E, h10km, mb4.7/2, ML2.4/3
NERS 21 04:28:12.2, 63.37N:150.38E, h0km
ISC 21 04:28:13.8-0.7, 63.49N:0.003:150.17E:0.003, h10km, n20,
e195/41, 1D, Eastern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, H m s ISC, Res. Includes stations like Seymchan, SUSUMAN, TLAR Talaya, OMS Omsukchan, MA2 Magadan, etc.

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Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, H m s ISC, Res. Includes stations like Cateel, Davao, Mususan, Davao City (W), Davao City (W), Palo, Tagbilaran, Lazi, Siquijor, Sibulan, Lukban, Ta-pu, etc.

MEX 21 04:35:48.5, 0.5, 23.92N:108.77W, h10km, MD4.2,
Presumed earthquake
IDC 21 04:35:50.0, 0.8, 24.37N:109.09W, h0km, mb4.1/7,
mb4.3/9, ML3.5/2, MS3.5/11, Error ellipse:
s-maj=18.9km s-min=15.4km az=99.0
NEIC 21 04:35:50.1, 9.23:99N:0.09:108.58W:0.09, h10km, 1km,
mb4.4/5, Error ellipse: s-maj=17.8km s-min=11.6km
az=219.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, H m s ISC, Res. Includes stations like LPAZ, LPAZ, LPAZ, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, H m s ISC, Res. Includes stations like Topolobambo, Sanalona, Choix, Santa Rosalia, Zacetecas, Lajitas Array, etc.

21d 6h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KIAG, BALM, L16K, etc.

IDC 21 05:35:42.5±1.2, 38°52'N, 41°97'E, h0km, mb3.77, mtbmp3.7/13, ML3.2/6, Error ellipse: s-maj=23.2km

ISK 21 05:35:43.7, 38°59'N, 41°99'E, h6km, ML3.7/13
AFAD 21 05:35:43.8, 38°71'N, 41°98'E, h7km, 2km, MW3.8

Main station list table for the 21d 6h period, including stations like GURO, BLIS, MUMS, etc.

TEH 21 05:51:29.9, 38°72'N, 44°66'E, h9km, ML2.7, Presumed earthquake

ISK 21 05:51:30.2, 38°75'N, 44°77'E, h5km, ML2.6/6
AZER 21 05:51:30.1, 38°67'N, 44°83'E, h2km, ml2.7

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OZAP, IMRD, NAX, etc.

2020 SEP

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ISHB, SBZ, SHBZ, etc.

IDC 21 06:08:26.9, 1.2, 55°55'N, 123°64'W, h0km, mb3.8/4

GCMT 21 06:08:32.0, 56°07'S, 0°02', 123°33'W, 0.02, h16km, 1km, MW4.9/100, Moment Tensor Solution, s29 c37;

s100, c129; Duration: 0. Moment tensor: Scale 10^16Nm; M1: -0.19±.10; M2: 0.39±.11; M3: -1.20±.10; M4: 0.04±.27; M5: 2.46±.09; M6: -0.28±.27; Best double couple: M2: 795000 ± 10^16 Np1: 284.000000 ± 884.000000; λ: -3.000000. NP2: 14.000000 ± 887.000000; λ: -174.000000. Principal axes: T: 2.8790, Plg2: 0.0000, Azm1: 149.0000; N: -0.1680, PlgB4: 0.0000, Azm4: 0.0000; P: -2.7110, Plg6: 0.0000, Azm2: 23.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Surface-wave location: Triangular moment-rate function

ISC 21 06:08:28.9, 1.3, 55°65.0'N, 123°65.0'W, h10km, n45, c1905f, mb3.9/4, MS3.9/28, Southern East Pacific Rise

Main station list table for the 2020 SEP period, including stations like PMSA, VNSA, QSPA, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PFO, BOVA, NVAR, etc.

SJA 21 06:21:07.3, 0.7, 33°49'S, 70°71'W, h81km, 2km, ML3.5, MW3.6

GUC 21 06:21:07.6, 0.7, 33°48'S, 70°68'W, h77km, 2km, ML3.8
ISC 21 06:21:08.8, 1.2, 33°47'S, 70°69'W, 0.03, h77km, 4km, n57, c137/99, 10C-11D, Chile-Argentina border region

Main station list table for the 1138 period, including stations like MT05, CCHEN, MT14, etc.

21d 9h

Table with columns: LONE3, LONE3, comp=Z,10nm,3.0s, PODR, Polo, 1.52 226f, eP, 1eSg, Sg, Pn, Sb, 08 04 02.3 +0.2, 08 04 02.4, 08 03 42.9 -1.1, 08 04 05.1 +0.7

IDC 21 08:59:60.0-0.8, 87:72N:109:28W, h0km, mb4.5/12, mbmp4.5/16, ML3.7/4, MS4.3/6E, Error ellipse: s-maj=25.0km s-min=12.8km az=61.0

MEX 21 09:00:01.6-0.4, 0:19:68N:109:20W, h10km, MD4.6, Presumed earthquake

NEIC 21 09:00:01.6-2.5, 0:19:68N:109:41W:0.05, h10km, 1km, mb4.9/468, Error ellipse: s-maj=11.1km s-min=7.9km az=154.0

GCMT 21 09:00:03.6-0.2, 0:19:88N:0:01:109:19W:0:01, h16km, MW5.0/127, Moment Tensor Solution: 554.068, s127-c212: Duration: 0 Moment Tensor: Scale 1016Nm; Mw=0.21: 09; Mw=4.20: 09; Mw=4.41: 10; Mw=0.95: 26; Mw=0.15: 07; Mw=1.96: 29; Best double couple: Mw=78900x1016 NP1: 36.000000; 865.000000; 1.5.000000. NP2: 314.000000; 885.000000; 1.155.000000. Principal axes: T 5.1530, Plg121.0000, Azm267.0000; N -0.7280, Plg65.0000, Azm124.0000; P -4.4260, Plg14.0000, Azm21.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

GFZ 21 09:00:03.6, 19:84N:109:28W, h22km, Mw5.0/27, Moment Tensor Solution: 554.068, s127-c212: Duration: 0 Moment Tensor: Scale 1016Nm; Mw=0.27: Mw=4.38; Mw=4.11; Mw=0.37; Mw=0.30; Mw=0.66; Fault plane solution: M4: 33055x1016 NP1: 36.132.750005; 879.98932; 1.76.784633. NP2: 3223.30955; 886.83363; 1.10.02614. Principal axes: T 4.2305, Plg9.3215, Azm88.4294; N 0.1937, Plg79.4906; Azm240.6595; P -4.4241, Plg4.8105, Azm357.6739;

GFZ 21 09:00:04.2-0.4, 20:14N:109:9W:1.0, h10km, M4.5/23, mb4.6/23

ISC 21 09:00:01.3-0.5, 19:71N:0:06:109:35W:0:05, h10km, n374, s191/141, mb4.9/148, MS4.3/54, Revilla Gigeo islands region

Main table with columns: Code, Station Name, A°, E°, Sg, Pn, Time, Res, ISC. Lists various seismic stations like H06N1, H06N, H06S, H06S, H06S, TOMAT, CJM, CJM, ESTA, CIHU, LPIG, LPIG, LPIG, CDAR, CEGR, INCO, INCO, MMIG, ZAI, ZAI, MOIG, HPIG, SRIG, SRIG, RPIG, RPIG, HISG, MEIG, MEIG, MEIG, PLIG, PLIG, UNM, UNM, YAI, YAI, YAI, CRIG, CRIG, CRIG, TLIG, MGIG, MGIG, MGIG, TXAR, TXAR, TXAR, VHRN, ALPN, SAND, TPB01, EPT, TPB05, MNTX, MNTX, MNTX, RUC3, RUC3, RUC3, TPB28, 121A, MNHN, HND0, OZNA, CMIG, CMIG, BLYC, BLYC, PFO, PFO, PFO, IRM, IRM, 435B, 435B, SN07, SN07.

2020 SEP

Main table with columns: ALQ, TASM, TASM, ANMO, ANMO, BELO, ABTX, WUAZ, WUAZ, HKT, PLPT, FW13, MTPC, FW06, WTF5, CCCA, MVCO, KNB, LCMT, RTBA, WMOK, NATX, PKCU, T25A, X34A, TPNV, YES, SDCO, PV13, PV02, PV18, PV03, ELIS, PV16, PV20, PV15, PV14, PV10, PV07, S11A, FNO, PKD, TCRU, OK038, OK029, Q16A, SRU, CROK, W24, TPH, TMUT, OK052, P17A, ESQI, ESQI, OK048, Z41A, BLOK, WLAR, TUL3, KAN08, LHV, KAN01, NVAR, ISCO, ISCO, NLU, MPI, MIAU, O20A, T35A, T35A, DUG, KVN, X40A, CBKS, BSUT, RDMU, HAYD, VBMS.

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Main table with columns: NOQ, YERR, PNTR, UALR, HHAR, BGU, ELK, MPK, WHAR, SPUT, PAHR, BMN, CVS, TGUH, TGUH, TGUH, HWUT, HWUT, FCAR, HVU, GDXM, ORV, LCAR, PDAR, PDAR, PDAR, T42A, R40A, PBMO, LOHW, BOAB, BOAB, KMRM, WVOR, MOD, KHBM, P38A, CCM, HLID, HLID, MFID, K30B, FVM, YBH, RSSD, RSSD, RSSD, J08A, K05A, YNR, YMP, W24, YHH, S44A, YHL, N38A, K04D, FPAL, DLMT, J04A, SWET, PBLD, Q44A, ECDSD, W50A, J01E, CPCT, BUCK, WCI, WCI, COR, COR, J03D, E07A, MDC, STX, JRD, EPH, SPMN, NEW, NEW, NEW.

Table with columns for station name, frequency, power, and other technical details. Includes stations like WRA Warramunga Arr, WRR Warramunga Arr, WRS Warramunga Arr, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like WRA Warramunga Arr, WRR Warramunga Arr, WRS Warramunga Arr, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like FID, RDJH Redoubt Jeune, NCT North Crescent, etc.

Table with columns: Station, Time, Az, El, SNR, and other parameters. Includes stations like F25K, EPYK, G29M, H31M, G30M, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and other parameters. Includes stations like KURBB, MKAR, AKASA, AFI, PPT, DAVOX, etc.

Table with columns: Station, Time, Az, El, SNR, and other parameters. Includes stations like MK31, MK31, MK31, MKAR, MKAR, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grumble, Elevation Grumble, Azimuth Growl, Elevation Growl, Azimuth Howl, Elevation Howl, Azimuth Screech, Elevation Screech, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grumble, Elevation Grumble, Azimuth Growl, Elevation Growl, Azimuth Howl, Elevation Howl, Azimuth Screech, Elevation Screech.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grumble, Elevation Grumble, Azimuth Growl, Elevation Growl, Azimuth Howl, Elevation Howl, Azimuth Screech, Elevation Screech.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grumble, Elevation Grumble, Azimuth Growl, Elevation Growl, Azimuth Howl, Elevation Howl, Azimuth Screech, Elevation Screech.

comp=Z,23nm,0.8s
CNPM China Poot

86.89 30 P P 11 52 35.0 +0.3

NEIC 21 11:42:53.2,0.9,60.77N,0.02:150W,0.05,h47km,8km,
ML3.6/194,ML3.4(AEIC), Error ellipse: s-maj=3.8km

s-min=3.5km az=104,
AEIC 21 11:42:53.7,1.0,60.77N,0.02:150W,0.05,h42km,7km,
Error ellipse: s-maj=3.9km s-min=2.7km az=131.

ISC 21 11:42:53.3,1.2,60.76N,0.03:150W,0.03,h48km,9km,
n179,r0659/176, Kenai Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations like SKLM, Q22K, RC01, CAPN, etc.

Main table with columns: DHY, Denali Highway, 2.67 28, Pn, 11 43 33.4 -0.6, etc. Lists seismic events with station names like L19K, GOAT, TRF, etc.

Table with columns: O28M, Mount Upton, 4.88 85, IAML, 11 45 23.0, etc. Lists seismic events with station names like PCA, N15K, N15K, etc.

NNC 21 11:48:08.3,5.8,38.29N,71.91E,h0km,mb3.7,mpv3.5,
1C-3D, Error ellipse: s-maj=43.8km s-min=29.2km
az=1.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations for the Afghanistan-Tajikistan border region like IUG, IUG, MRKS, etc.

SJA 21 11:59:24.6,0.7,20.92S:68.91W,h119km,2km,ML4.0,
MW3.9

GUC 21 11:59:26.4,0.7,20.95S:68.85W,h105km,2km,ML4.0
NEIC 21 11:59:26.9,1.5,20.90S:0.03:68.97W,0.08,h105km,4km,
mb4.1/6,ML4.0(GUC), Error ellipse: s-maj=10.6km
s-min=4.1km az=85.0

ICD 21 11:59:29.5,2.6,20.80S:68.41W,h124km,26km,mb3.8/4,
mbmp4.07, Error ellipse: s-maj=51.0km s-min=21.0km
az=16.0

ISC 21 11:59:26.4,0.7,20.91S:0.03:68.93W,0.06,h109km,6km,
n73,r107/100,mb4.0/4,8C-4D, Chile-Bolivia border
region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations for the Chile-Bolivia border region like PB08, PB08, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC, h m s, ISC. Rows include stations like G001 Chuzmisia, TA02 Huaquique, TA02 IFOC Station P, PB11 IFOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC, h m s, ISC. Rows include stations like Code Station Name, TA02 IFOC Station P, PB11 IFOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC, h m s, ISC. Rows include stations like LPAZ comp=Z,3.2nm,0.8s, LPAZ comp=Z,1.4nm,1.4s, etc.

IDC 21 12:06:22.0-0.7, 3.90S; 104.20W, h0km, mb4.3/13, mbmp4.3/13, MS4.6/17, Error ellipse: s-maj=30.5km s-min=14.3km az=59.0

couple: Ms:1.02800-1017 NP1%5.00000°, 880.00000°, 1-177.00000°. NP2%274.00000°, 887.00000°, 1-10.00000°. Principal axes: T 1.0630, Pkg5.0000°

couple: Ms:1.02800-1017 NP1%5.00000°, 880.00000°, 1-177.00000°. NP2%274.00000°, 887.00000°, 1-10.00000°. Principal axes: T 1.0630, Pkg5.0000°

21d 12h

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like MT01, S39A, MT05, etc.

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Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like CLDB, YBH, YHB, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like WMQ, RAYN, KSH2, etc.

SJA 21 12:07:05.7:0.4, 20:96S:69.11W, h97km, 4km, ML2.7, MW3.5

GUC 21 12:07:06.5:0.6, 20:95S:69.01W, h95km, 4km, ML2.6

ISC 21 12:07:06.3:2.1, 20:30S:104.69:1W:0.1, h101km, 16km, n17, c052/26, 3C, Northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like PB08, PB09, PB07, etc.

ICD 21 12:21:25.1:1.1, 4:02S:104.24W, h0km, mb3.9/9, mbmp3.9/9, Error ellipse: s-maj=50.2km s-min=17.3km az=63.0

GCMT 21 12:21:26.9:0.4, 3:96S:102:104.14W:0.02, h12km, MW5:0.98, Moment Tensor Solution, s30:c39; s9c:c129;

Duration: 0 Moment tensor: Scale 1016Nm: M0:32.1:13; Mw:1.09:1.3; Mw-1.41: 1.5; Mm0:5.9z:3; Mw:3.8z:10; Mw-1.15:3z:6; Best double couple: M4:21300x1016 Np1:3z278.00000; d77.000000; A-8.000000; NP2: 0:10.00000; d82.00000; A-167.00000; Principal axes: T 3.8900, P1g3.0000; Azm143.0000; N 0.6480, P1g75.0000; Azm41.0000; P-4.5360, P1g15.0000; Azm234.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=30s. Triangular moment-rate function

NEIC 21 12:21:27.9:1.0, 4:05S:104.35W:0.1, h10km, 1km, mb4.6/5.1, Error ellipse: s-maj=25.3km s-min=18.6km sz=24.0

ISC 21 12:21:28.5:0.8, 4:05S:104.24W:0.1, h18km, n78, c062/70, mb4.5/33, Central East Pacific Rise

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like PAYG, MTO3, CRIN, BOAB, etc.

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21d 12h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Mydri-Lefkada, Saisamovanni R, Valsamotta, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other parameters. Includes stations like TLIG Tiapa, CMIG Matias Romero, APG El Apazote, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like PISGCX Pisagua, TUC Tucson, PB16 IROC Station P, etc.

ADC 21:27:53.9, 0.7, 4.01S: 104:27W, h0km, mb4.2/12, mbmp4.2/12, MS4, B/S4, Error ellipse: s-maj=33.5km s-min=15.1km az=64.0

NEIC 21:27:56.9, 1.2, 4.09S: 104:10W, h10km, 1km, mb4.8/26.2, MS 2.0, 5.0/21, Mww 5.2/23, Error ellipse: s-maj=22.7km s-min=16.4km az=267.0

NEIC 21:27:57.3, 4.08S: 104:22W, h10km, mb4.8/26.2, MS 2.0, 5.0/21, Mww 5.2/23, Error ellipse: s-maj=22.7km s-min=16.4km az=267.0

Table with columns: GUY, comp-Z, I/Amb, I/Amb, 12 35 56.0, LCMT Little Creek M, ISA Isabella, Lake, LCAR Lake Charles, CO04 Los Pelamos, GNAR Gosnell, PKCU Pink Cliffs, FURC Furnace Creek, PV05 Paradox Valley, PV21 Paradox Valley, HMU Henry Mountain, PV02 Paradox Valley, WCT Wildcat Mountain, VA05 Santo Domingo, PV18 Skein Mesa, Pa, MT02 Curacav, MT02, PV14 Lion Creek, Pa, PV04 Paradox Valley, VA03 San Esteban, PRN Pahroc Range, PV22 Blue Mesa, Par, PEL Peidehue, PEL Peidehue, PEL Peidehue, PBMO Poplar Bluff, MT01 Popeta, MT01, GRAC Grapevine Rang, T42A Van Buren, MT05 Renca, S39A Bolivar, MT09 Talagante, WVT Waverly, WVT Waverly, Q2A4 Divide, S11A Rachel, KSCO Kaye Shedlock, G005 Hualane, G005, G005 Hualane, GMN Gold Mountain, MT03 Universidad Ad, B001 Tunca, B001 Tunca, ZON Zonda, MT13 San Alfonso, B105 Punta Hualon, MT08 Bocatoma Ro, ECFR Experimental S, CFA Coronel Fontan, SJG San Juan, B002 Sierra Bellavi, B002, B002 Sierra Bellavi, B002 Sierra Bellavi, MLO2 Panimavida, P17A Butcher Ranch, P18A Preston Nutter, TKL Tuckaleechee C, LHV Little Huntoon, NVAR Mina Array Bea, NVAR, NVAR Mina Array Bea, MHC Mount Hamilton, MHC, B102 San Fabin de, B102 San Fabin de, MPU Maple Canyon, CMB Columbia Colle, JRSC Jasper Ridge, RDMU Red Mountain, DUG Dugway, Toeole, DUG Dugway, Toeole, KVN Kaiserville, KVN, BSUT Blindstream Ca, P40A Paris, OGNE Ogallala, G44A Meyer Farm, Va, YERR

Table with columns: YERR, comp-Z, I/Amb, I/Amb, 12 36 23.4, CTU Camp Tracy, FARB Farrallon Islan, PNTR Pine Nut, CVS Carment Viney, BGU Big Grassy Mou, AFDM Forest Hills D, BGNE Belgrove, PTLC Pontes e Lacer, ELK Elko, ELK Elko, PAHR Pah Rah Rang, SPUT South Promonto, BMN Battle Mountai, HWUT Hardware Ranch, HWUT Hardware Ranch, V58A Windy Hill, ORV Oroville, HVU Hansel Valley, PPT Papeete, PPT2 Papeete2, PPT2, PPT2, PPT2, K22A Casper, K30B Basset, S54A Dingsess, Beckl, AONC Vina, CA USA, BW06 Boulder Army, PD31 Pinedale Army, PDAR Pinedale Army, PDAR, O03E Paynes Creek, O03E, KCPM Cahto Peak, HATC Hat Creek Radi, G007 Milladojo Hill, PLCA Paso Flores, PLCA, PLCA, R55A Marlinnton, S57A Dark Hollow, FXWY Fox Creek, RSSD Black Hills, RSSD, RSSD Black Hills, M03C McCloud, MOD Modoc Plateau, ECSD EROS Cent, WVOR Wild Horse Val, WVOR, WVOR Wild Horse Val, JCC Jacco Creek, HLID Hailey, HLID, HLID Callahan, M02C Futaleufu, LLO2 Futaleufu, MFID Camas Ranch, R58B Mineral, YPP Pitchstone Pla, YBH Yreka Blue Hor, YBH Yreka Blue Hor, Q56A Snyder Ridge, K43A Burlington, LKWY Lake, KRMB Red Mountain, L04D Klamath Falls, J08A Circle Bar Ran, K05A Summer Lake, YHB Horse Butte, KSXB Camp Six Broad, QLMT Earthquake Lak, J04A Unquapa Nationa, BOZ Bozeman (W), AQDB Aquidauanas, PINE Pine Mountain, CPUP Villa Florida, CPUP, CPUP Villa Florida, PLID Pearl Lake, BMO Blue Mountains, WIFE Three Sisters- WIFE, E28A Huff

Table with columns: E28A, comp-Z, I/Amb, I/Amb, 12 56 57.7, SSPA Standing Stone, BUCK Buck Mountain, F10A Beach Ranch, N58A Gumbi, LNOR Linnton Mounta, COR Corvallis, COR Corvallis, G05A Wamic, MDND Maddock, HAWA Hanford, MDP Montagnes des, WAH2 Wahluke Slope, WAH2, JRO Jstion Ridge Ob, AGMN Agassiz Nation, AGMN, AGMN Agassiz Nation, J55A Hilton, N62A Caumest State, K57A Scipio Center, EPH Ephrata, C09A Chrisman Rang, WSPY Westport, CT, LTY Liberty, E03A Lebanon, NEW Newport, NEW Newport, NEW Newport, NEW Newport, D05A Enunclaw, SADO Sadowa, GNW Green Mountain, NLWA Neilton Louisa, TRY Troy, EPL0 Experimental L, J59A Piesco, ULM Lac du E, ULM, ULM, ULM, A04D Lummi Islan, PGC Sidney, PGC, J61A Chestnut, BDFB Brasilia, BDFB, RAR Rarotonga, E2A Clayton Lake, BBB Bella Bella, DLBC Dease Lake, SCH0 Schefferville, YKA Yellowknife Ar, YKA, YKA Yellowknife Ar, PMSA Palmer Station, PMSA Palmer Station, PMSA Palmer Station, P32M Atin, RCBR Riachuelo, SMAI San Martin Ant, O29M Mount Kennedy, M3P Sheldon Lake, N31M Probrisher Bay, M31M Drury Creek, Y, N30M Aishik Lake, M29M Somme Creek, CRQM Cirque, BMRM Bremner River, M27K Edge Creek, FRB Frobrisher Bay, L27K Beaver Creek, K27K Chicken, RAO Raoul Island, G31M Satah River, SCRK Sand Creek, M22K Willow, C36M Palautuk, I27K Kandik River, INK Inuvik, RND Reindeer, N19K Bonar Creek, ILAR Eielson Army, ILAR, ILAR Eielson Army, PRP Porcupine Dome, PRP

21d 13h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like E29M Blow River, NEA2 Nenanana, FYU Fort Ylem, H24K Noodor Dome, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WAZ Wanganui Civil, WAZ Wanganui, WAZ Wanganui, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BKZ Black Stump Fm, TLZ Tolley Road, MCHZ McNeill Hill, etc.

NOU 21 12:48:42.9, 39°38'S, 174°51'E, h116km, h101km, M1V.2/9/16, North Island, New Zealand
WEL 21 12:48:45.3, 0.6, 40° S, 177° 42' E, h101km, 5km, M2.6/24, M2.2/0/21, MLV.2/6/24, Error ellipse: s-maj=4.2km s-min=2.6km tzn=157.1, confirmed
ISC 21 12:48:44.7, 1.1, 39°38'S, 0°03', 174°51'E, 0°03', h100km, n104, 01948/132, North Island

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like H1N2 WAKE ISLAND HY, H1N1 WAKE ISLAND HY, H1N3 WAKE ISLAND HY, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like OBN, FINES, KBZ, SUMG, AKASG, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like PD31, PDAR, PDAR, PLCA, etc.

DCI 21 13:37:12.3:0.6, 4.13S: 104:41W, h0km, mb4.5/14, mbmp4.5/14, MS5.4/56, Error ellipse: s-maj=27.0km, s-min=14.0km az=68.0

MOS 21 13:37:13.3:1.1, 4.03S: 104:28W, h10km, mb5.2/10, MS5.1/7, Error ellipse: s-maj=14.2km s-min=8.9km az=98.6

GFZ 21 13:37:15.6:4.04S: 104:31W, h14km, Mw5.9/10, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr=0.61; Mss=0.35; Mtt=0.55; Mss=0.55; Mrr=0.14; Fault plane solution: M6.55274x10^17 NP1: 270.18449, 889.46475, 4.472453. NP2: 180.140252, 885.27568, 1.179.46292. Principal axes: T: 6.8439, Plg3.7179, Azm135.2587, N - 0.6276, Plg85.2453, Azm276.6335, P - 6.2164, Plg2.9597, Azm45.0662.

GFZ 21 13:37:15.3:0.4, 4.1S: 104:41W, h10km, Mb4.9/29, mb4.9/29

NEIC 21 13:37:15.1:1.6, 4.0S: 0.1: 104:4W: 0.1, h10km, 1km, mb5.0/350, Ms=20.5, 6.6/93, Mw6.5/763, Mw6.5/25, Error ellipse: s-maj=20.0km s-min=249.0, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr=0.10; Mss=0.20; Mtt=0.11; Mss=0.83; Mrr=3.36; Mrr=1.57; Fault plane solution: M4.71000x10^17 NP1: 270.66000, 871.42000, 9.39000. NP2: 177.65000, 881.18000, 1.61.18000. Principal axes: T: 4.9228, Plg20.0000, Azm133.0000, N - 0.4508, Plg69.0000, Azm333.0000, P - 4.4719, Plg7.0000, Azm225.0000.

NEIC 21 13:37:15.4, 4.07S: 104:43W, h12km, Mw5.8, Moment Tensor Solution. s59 Moment tensor: Scale 10^17Nm; Mrr=0.43; Mss=0.06; Mtt=0.50; Mss=0.55; Mrr=0.05; Fault plane solution: NP1: 18.48400, 1.179.0000, 882.0000, 1.179.0000. NP2: 87.0000, 887.0000, 1.27.0000. Principal axes: T: 6.7400, Plg17.0000, Azm136.0000, N - 0.1900, Plg62.0000, Azm262.0000.

NEIC 21 13:37:15.1, 4.05S: 104:39W, h10km, Mw5.8/174, GCMT 21 13:37:15.0:1.1, 3.91S: 104:32W, h12km, Mw5.8/174, Moment Tensor Solution. s157 c339; s174 c564; Duration: 280 Moment tensor: Scale 10^17Nm; Mrr=0.38; Mss=0.34; Mtt=0.03; Mss=0.04; Mrr=0.29; Mss=0.98; Mrr=0.4; Mrr=0.2; Mss=0.0000. NP1: 0.0000, 1.2.0000. NP2: 1.0000, 888.0000, 1.175.0000. Principal axes: T: 2.2250, Plg8.0000, Azm316.0000; N - 0.4230, Plg85.0000, Azm159.0000; P - 6.8010, Plg2.0000, Azm46.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

NEIC 21 13:37:26.5, 4.06S: 104:29W, h12km, Moment Tensor Solution. Duration: 484 Moment tensor: Scale 10^17Nm; Mrr=0.23; Mss=0.43; Mtt=0.30; Mss=0.31; Mrr=1.00; Fault plane solution: M7.40000x10^17 NP1: 358.65000, 882.17000, 1.2.76000. NP2: 358.65000, 887.27000, 1.172.6000. Principal axes: T: 7.3302, Plg7.0000, Azm313.0000; N - 0.1332, Plg82.0000, Azm159.0000; P - 7.4634, Plg4.0000, Azm44.0000.

RSNC 21 13:37:33.9:3.8, 4.1S: 14:10W, h135km, 19km, MS.1, mb5.6, mb4.7, Mw(m)B5.1, Mw(m)W5.6, Mw(m)W5.6

ISC 21 13:37:14.1:0.3, 4.08S: 0.06: 104:37W, 0.05, h10km, n735, 187/254, mb5.0/224, MS5.6/414, 8C-7D, Central East Pacific Rise

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like PAYG, TLIG, CMIG, RPN, APG, JUD3, MTO3, etc.

21d 13h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like JTS, CNGN, MGAN, MCRA, PIRO, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like 121A, TUC, PB18, ABTX, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TIGA, AC02, AC02, etc.

21d 18h

Table with columns: Station, Name, Time, Az, El, SNR, and other parameters. Includes stations like Urewha, Tahuroa Road, Papeete, Alice Springs, etc.

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Table with columns: Code, Station Name, Time, Az, El, Phase, I, S, C, Res, and other parameters. Includes stations like Elselon Array, Chungungstai, Chiang Mai Arr, etc.

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Table with columns: Station Name, Time, Az, El, SNR, and other parameters. Includes stations like ZAK, MOY, TRG, ORL, HTG, UUD, etc.

YLVR	comp=Z,2um,0.9s	eSg	Sg	18 07 50.5	-4.7	ZEA	comp=E,100nm,2.0s	MLR	MLR	YAK	comp=E,628nm,2.0s	pmax	pmax	
YLVR	comp=Z,20um,1.6s	eSg	Pn	18 08 02.7		ZEA	comp=N,5um,11.0s	MLR	MLR	YAK	comp=N,130nm,1.4s	pmax	pmax	
YLVR	Ulyunkhan	5.53 53 ePN	Pn	18 06 20.0	-0.1	ZEA	comp=E,9um,11.0s	MLR	MLR	YAK	comp=Z,326nm,1.6s	pmax	pmax	
YLVR		e		18 06 37.0						YAK	comp=N,2um,4.1s	smax	smax	
YLVR		e	pmax	18 07 49.0						YAK	comp=E,1um,3.3s	MLR	MLR	
YLVR	comp=Z,2um,0.5s	e	pmax							YAK	comp=N,2um,1.4s	smax	smax	
YLVR	comp=N,20um,1.5s	e	pmax							YAK	comp=E,1um,3.3s	MLR	MLR	
KZLR	Kyzyl	5.61 272 ePn	Pn	18 06 22.8	+1.5	MK31	comp=Z,10um,12.0s	Pn	Pn	18 08 25.7	+0.1			
KZLR		ePb	Pb	18 06 35.9	+0.1	MKAR	Makanchi Array	14.69 258 d/P	Pn	Pn	18 08 26.0	+0.4		
KZLR		eSb	Sb	18 07 48.2	+5.2	MKAR	Makanchi Array	14.69 258	Pn	Pn				
KPC	Khapcheranga	6.03 107 eSg	Pn	18 06 25.4	-1.7	MKAR	comp=Z,3.5nm,0.3s,baz=80,slow=12,SNR=165	Lg	Lg	18 12 29.5				
KPC		ePb	Pb	18 06 46.4	+3.3	MKAR	comp=Z,2.5nm,0.3s,baz=63,slow=26,SNR=4.1	Lg	LR	18 14 08.7				
KPC		ePmax	Pmax	18 06 52.7		MKAR	comp=Z,6um,18.5s,baz=54,slow=38	LR	LR					
KPC	comp=N,1um,0.6s	eSg	Sg	18 07 33.7	-2.4	MKAR	comp=Z,32nm,0.7s	AML	AML	18 08 25.7	+0.1			
KPC		eSg	Sg	18 08 05.4	-6.1	MKAR	Makanchi Array	14.69 258	i/P	Pn	18 08 25.3	-0.3		
KPC		eSg	Sg	18 08 23.4		MKAR	Makanchi Array	14.69 258	P	Pn	18 08 23.3	-2.6		
KPC	comp=N,34um,1.7s	eSg	Sg	18 06 25.4	-1.7	MKAR	Makanchi Array	14.69 258	P	Pn	18 08 23.3	-2.6		
KPC		eSg	Sg	18 06 44.7		MKAR	Makanchi Array	14.69 258	P	Pn	18 08 23.3	-2.6		
KPC		eSg	Sg	18 07 33.7	-2.4	MKAR	Makanchi Array	14.69 258	P	Pn	18 08 23.3	-2.6		
KPC		eSg	Sg	18 08 05.2		MKAR	Makanchi Array	14.69 258	P	Pn	18 11 10.3	+1.5		
KPC	comp=Z,1um,0.5s	e	pmax			MKAR	Makanchi Array	14.69 258	P	Pn	18 08 25.3	-0.3		
KPC		e	pmax			MKAR	Makanchi Array	14.69 258	P	Pn	18 08 23.3	-2.6		
KPC	comp=N,34um,1.7s	ePn	Pn	18 06 25.4	-1.7	MKAR	Makanchi Array	14.69 258	P	Pn	18 08 23.3	-2.6		
KPC		ePb	Pb	18 06 48.8	+4.3	MKAR	Makanchi Array	14.69 258	P	Pn	18 08 23.3	-2.6		
KPC		ePmax	Pmax	18 06 53.2		MKAR	Makanchi Array	14.69 258	P	Pn	18 08 23.3	-2.6		
KMO	Kumora	6.12 45 ePn	Pn	18 06 27.8	-0.5	MKAR	Makanchi Array	14.69 258	P	Pn	18 08 27.5	-0.6		
KMO		ePb	Pb	18 06 48.8	+4.3	MKAR	Makanchi Array	14.69 258	P	Pn	18 08 27.5	-0.6		
KMO		ePmax	Pmax	18 06 53.2		MKAR	Makanchi Array	14.69 258	P	Pn	18 08 28.1	0.0		
KMO	comp=N,5um,1.1s	eSg	Sg	18 08 09.4	-4.8	MAK2	Makanchi	14.87 259	P	Pn	18 08 27.5	-0.6		
KMO		eSg	Sg	18 08 32.1		MAK2	Makanchi	14.87 259	P	Pn	18 08 28.1	0.0		
KMO	comp=N,34um,1.3s	ePn	Pn	18 06 28.2	-0.1	MAK2	Makanchi	14.87 259	P	Pn	18 08 29.1	-1.4		
KMO		eS	Sn	18 06 48.7		HEH	HeiHe	15.12 87 eP	Pn	Pn	18 11 18.5	-0.2		
KMO		eS	Sn	18 07 35.0	-3.2	HEH		S	Sn					
KMO		ePmax	Pmax	18 08 10.5		HEH		S	Sn					
KMO	comp=Z,495nm,0.3s	e	pmax			HEH	comp=Z,12um,7.7s	L	L					
KMO		e	pmax			HEH	comp=Z,12um,8.3s	L	L					
KMO	comp=N,33um,1.5s	ePn	Pn	18 06 30.0	+0.1	HEH	comp=Z,12um,8.3s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH	comp=Z,20um,10.2s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH	comp=Z,20um,10.2s	L	L					
KMO		eSg	Sg	18 08 11.9	-6.1	HEH	comp=Z,12um,8.3s	L	L					
KMO		eSg	Sg	18 08 23.1		HEH	comp=Z,20um,10.2s	L	L					
KMO	comp=N,21um,1.5s	ePn	Pn	18 06 30.0	+0.1	HEH	comp=Z,12um,8.3s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH	comp=Z,20um,10.2s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH	comp=Z,12um,8.3s	L	L					
KMO		eSg	Sg	18 08 11.9	-6.1	HEH	comp=Z,20um,10.2s	L	L					
KMO		eSg	Sg	18 08 23.1		HEH	comp=Z,12um,8.3s	L	L					
KMO	comp=N,21um,1.5s	ePn	Pn	18 06 30.0	+0.1	HEH	comp=Z,20um,10.2s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH	comp=Z,12um,8.3s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH	comp=Z,20um,10.2s	L	L					
KMO		eSg	Sg	18 08 11.9	-6.1	HEH	comp=Z,12um,8.3s	L	L					
KMO		eSg	Sg	18 08 23.1		HEH	comp=Z,20um,10.2s	L	L					
KMO	comp=N,33um,1.5s	ePn	Pn	18 06 30.0	+0.1	HEH	comp=Z,12um,8.3s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH	comp=Z,20um,10.2s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH	comp=Z,12um,8.3s	L	L					
KMO		eSg	Sg	18 08 11.9	-6.1	HEH	comp=Z,20um,10.2s	L	L					
KMO		eSg	Sg	18 08 23.1		HEH	comp=Z,12um,8.3s	L	L					
KMO	comp=N,21um,1.5s	ePn	Pn	18 06 30.0	+0.1	HEH	comp=Z,20um,10.2s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH	comp=Z,12um,8.3s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH	comp=Z,20um,10.2s	L	L					
KMO		eSg	Sg	18 08 11.9	-6.1	HEH	comp=Z,12um,8.3s	L	L					
KMO		eSg	Sg	18 08 23.1		HEH	comp=Z,20um,10.2s	L	L					
KMO	comp=N,33um,1.5s	ePn	Pn	18 06 30.0	+0.1	HEH	comp=Z,12um,8.3s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH	comp=Z,20um,10.2s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH	comp=Z,12um,8.3s	L	L					
KMO		eSg	Sg	18 08 11.9	-6.1	HEH	comp=Z,20um,10.2s	L	L					
KMO		eSg	Sg	18 08 23.1		HEH	comp=Z,12um,8.3s	L	L					
KMO	comp=N,21um,1.5s	ePn	Pn	18 06 30.0	+0.1	HEH	comp=Z,20um,10.2s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH	comp=Z,12um,8.3s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH	comp=Z,20um,10.2s	L	L					
KMO		eSg	Sg	18 08 11.9	-6.1	HEH	comp=Z,12um,8.3s	L	L					
KMO		eSg	Sg	18 08 23.1		HEH	comp=Z,20um,10.2s	L	L					
KMO	comp=N,33um,1.5s	ePn	Pn	18 06 30.0	+0.1	HEH	comp=Z,12um,8.3s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH	comp=Z,20um,10.2s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH	comp=Z,12um,8.3s	L	L					
KMO		eSg	Sg	18 08 11.9	-6.1	HEH	comp=Z,20um,10.2s	L	L					
KMO		eSg	Sg	18 08 23.1		HEH	comp=Z,12um,8.3s	L	L					
KMO	comp=N,21um,1.5s	ePn	Pn	18 06 30.0	+0.1	HEH	comp=Z,20um,10.2s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH	comp=Z,12um,8.3s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH	comp=Z,20um,10.2s	L	L					
KMO		eSg	Sg	18 08 11.9	-6.1	HEH	comp=Z,12um,8.3s	L	L					
KMO		eSg	Sg	18 08 23.1		HEH	comp=Z,20um,10.2s	L	L					
KMO	comp=N,33um,1.5s	ePn	Pn	18 06 30.0	+0.1	HEH	comp=Z,12um,8.3s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH	comp=Z,20um,10.2s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH	comp=Z,12um,8.3s	L	L					
KMO		eSg	Sg	18 08 11.9	-6.1	HEH	comp=Z,20um,10.2s	L	L					
KMO		eSg	Sg	18 08 23.1		HEH	comp=Z,12um,8.3s	L	L					
KMO	comp=N,21um,1.5s	ePn	Pn	18 06 30.0	+0.1	HEH	comp=Z,20um,10.2s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH	comp=Z,12um,8.3s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH	comp=Z,20um,10.2s	L	L					
KMO		eSg	Sg	18 08 11.9	-6.1	HEH	comp=Z,12um,8.3s	L	L					
KMO		eSg	Sg	18 08 23.1		HEH	comp=Z,20um,10.2s	L	L					
KMO	comp=N,33um,1.5s	ePn	Pn	18 06 30.0	+0.1	HEH	comp=Z,12um,8.3s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH	comp=Z,20um,10.2s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH	comp=Z,12um,8.3s	L	L					
KMO		eSg	Sg	18 08 11.9	-6.1	HEH	comp=Z,20um,10.2s	L	L					
KMO		eSg	Sg	18 08 23.1		HEH	comp=Z,12um,8.3s	L	L					
KMO	comp=N,21um,1.5s	ePn	Pn	18 06 30.0	+0.1	HEH	comp=Z,20um,10.2s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH	comp=Z,12um,8.3s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH	comp=Z,20um,10.2s	L	L					
KMO		eSg	Sg	18 08 11.9	-6.1	HEH	comp=Z,12um,8.3s	L	L					
KMO		eSg	Sg	18 08 23.1		HEH	comp=Z,20um,10.2s	L	L					
KMO	comp=N,33um,1.5s	ePn	Pn	18 06 30.0	+0.1	HEH	comp=Z,12um,8.3s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH	comp=Z,20um,10.2s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH	comp=Z,12um,8.3s	L	L					
KMO		eSg	Sg	18 08 11.9	-6.1	HEH	comp=Z,20um,10.2s	L	L					
KMO		eSg	Sg	18 08 23.1		HEH	comp=Z,12um,8.3s	L	L					
KMO	comp=N,21um,1.5s	ePn	Pn	18 06 30.0	+0.1	HEH	comp=Z,20um,10.2s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH	comp=Z,12um,8.3s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH	comp=Z,20um,10.2s	L	L					
KMO		eSg	Sg	18 08 11.9	-6.1	HEH	comp=Z,12um,8.3s	L	L					
KMO		eSg	Sg	18 08 23.1		HEH	comp=Z,20um,10.2s	L	L					
KMO	comp=N,33um,1.5s	ePn	Pn	18 06 30.0	+0.1	HEH	comp=Z,12um,8.3s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH	comp=Z,20um,10.2s	L	L					
KMO		ePmax	Pmax	18 06 31.9		HEH								

Table with columns for airline codes (KUR, KBL, YHNB, etc.), flight numbers, destinations, and times. Includes sub-sections like 'KUR' and 'KBL'.

Table with columns for airline codes (LVB, APA, KAL, etc.), flight numbers, destinations, and times. Includes sub-sections like 'LVB' and 'APA'.

Table with columns for airline codes (FINES, GNI, GNI, etc.), flight numbers, destinations, and times. Includes sub-sections like 'FINES' and 'GNI'.

21d 18h

Table with columns for station code, name, coordinates, elevation, and other data. Includes stations like Kiev, Malin Array, Wadi Bani Khal, etc.

2020 SEP

Table with columns for station code, name, coordinates, elevation, and other data. Includes stations like Bunyan, Honhosha River, NORSAR Subarra, etc.

1166

Table with columns for station code, name, coordinates, elevation, and other data. Includes stations like KOLONICKE sedl, KOLONICKE sedl, KOLONICKE sedl, etc.

21d 18h

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like M26K, H31M, TNT1, etc.

2020 SEP

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like HPAK, HPAK, HPAK, etc.

1168

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like PGAV, PGAV, PGAV, etc.

YAK	Yakutsk	17.42 44	P	18 24 00.2 +0.9
YAK	Yakutsk	17.42 44	P	18 23 58.4 +0.4
TDK	Taldyqorghan	17.95 257	eP	18 24 04.5 -0.2
TDK	Taldyqorghan	17.95 257	eP	18 24 06.3 -0.2
DL2	Dalian	18.09 129	eS	18 27 30.8 -3.7
DL2	comp=Z,26nm,0.8s		L	
DL2	comp=Z,2um,12.6s		L	
DL2	comp=Z,3um,14.6s		L	
DL2	comp=Z,3um,12.0s		L	
KLR	Kul'dur	18.10 87	Pn	18 24 07.0 +0.1
KLR	comp=Z,0.2nm,0.3s,baz=266,slow=1.5,SNR=3.0		Lg	18 29 26.3
KLR	comp=Z,0.9nm,0.3s,baz=34,slow=18,SNR=8.2		Lg	
KLR	comp=Z,0.5nm,0.9s		L	
KLR	Kul'dur	18.10 87	eP	18 24 08.6 +1.6
KLR	comp=Z,0.61nm,1.5s		Pmax	
KLR	comp=Z,850nm,12.0s		MLR	
XAN	Xi'an	18.23 165	eP	18 24 08.8 +0.3
XAN	comp=Z,820nm,11.0s		L	
XAN	comp=Z,2um,11.0s		L	
XAN	comp=Z,1um,13.7s		L	
PDGK	Podgornoye	18.23 252	P	18 24 08.4 0.0
PDGK	Podgornoye	18.23 252	P	18 24 08.4 0.0
SHLS	Shalkode	18.35 251	eP	18 24 05.6 -4.2
SHLS	Shalkode	18.35 251	eP	18 24 05.7 -4.2
UJB	Uzynbulak	18.61 252	eP	18 24 11.4 -1.4
UJB	Uzynbulak	18.61 252	eP	18 24 11.4 -1.4
KPKS	Kokpek	18.63 253	eP	18 24 12.7 -0.2
KPKS	Kokpek	18.63 253	eP	18 24 12.7 -0.2
SATY	Saty	19.03 252	eP	18 24 16.8 -0.6
SATY	Saty	19.03 252	eP	18 24 16.9 -0.6
NRHK	Noril'sk	19.10 343	Pn	18 24 15.4 -2.4
NRHK	comp=Z,1.5nm,0.3s,baz=146,slow=6.8,SNR=6.1		Sn	18 27 51.5 -0.9
NRHK	comp=Z,0.7nm,0.3s,baz=78,slow=3.5,SNR=4.1		Lg	18 29 53.8
NRHK	comp=Z,0.9nm,0.3s,baz=105,slow=6.4,SNR=3.9		Lg	
NRHK	comp=Z,30nm,1.0s		Lg	
NRHK	Noril'sk	19.10 343	AML	18 24 18.4
NRHK	Noril'sk	19.10 343	AML	18 24 18.4
PRZ	Przheval'sk	19.38 251	P	18 24 22.4 +0.1
PRZ	comp=Z,33nm,0.7s		Pmax	
PRZ	Przheval'sk	19.38 251	P	18 24 22.4 +0.1
PRZ	comp=Z,33nm,0.7s		IAMB	18 24 24.8
PRZ	Przheval'sk	19.38 251	P	18 24 22.2 -0.1
PRZ	comp=Z,78nm,0.8s		P	
ANVS	Anan'yev	19.63 253	P	18 24 24.5 +0.5
ANVS	Anan'yev	19.63 253	P	18 24 24.5 +0.5
WUS	Wushi	19.72 247	P	18 24 26.2 -0.1
WUS	comp=Z,28nm,2.7s		Pn	
MDOK	Medeo	19.78 254	eP	18 24 25.7 +0.1
MDOK	Medeo	19.78 254	eP	18 24 25.8 +0.1
KUU	Kurdy	19.79 257	eP	18 24 26.2 +0.6
KUU	Kurdy	19.79 257	eP	18 24 26.3 +0.6
AAA	Alma-Ata	19.83 255	eP	18 24 26.5 +0.5
AAA	Alma-Ata	19.83 255	eP	18 24 26.5 +0.5
TNNS	Tian-Shan	19.91 254	eP	18 24 26.6 -0.7
TNNS	Tian-Shan	19.91 254	eP	18 24 26.7 -0.7
BVAR	Borovoye Array	20.12 286	P	18 24 28.8 -0.3
BVAR	comp=Z,18nm,0.6s,baz=79,slow=11,SNR=21		P	
BORK	Borovoye	20.16 287	eP	18 24 30.0 +0.5
BORK	comp=Z,41nm,1.4s		Pmax	
BORK	Borovoye	20.16 287	P	18 24 30.1 +0.5
TARG	Taragay, Kyrgy	20.19 250	P	18 24 30.1 -0.3
TARG	comp=Z,19nm,1.2s		Pmax	
TARG	Taragay, Kyrgy	20.19 250	P	18 24 30.1 -0.3
TARG	Taragay, Kyrgy	20.19 250	P	18 24 30.9 +0.5
KDJ	Kajisay	20.31 252	P	18 24 32.5 +1.1
KDJ	comp=Z,48nm,1.4s		Pmax	
KDJ	Kajisay	20.31 252	P	18 24 32.5 +1.1
KDJ	comp=Z,48nm,1.4s		IAMB	18 24 33.3
KDJ	comp=Z,48nm,1.4s		P	18 24 31.3 -0.2
KDJ	Kajisay	20.31 252	P	18 24 31.3 -0.2
USRK	Ussuriysk Ar.	20.44 101	P	18 24 34.2 -0.4
USRK	comp=Z,1.9nm,0.9s,baz=304,slow=8.5,SNR=9.4		Pn	
USRK	comp=Z,0.2nm,0.3s,baz=300,slow=26,SNR=9.4		Lg	18 30 41.7
USRK	comp=Z,1.9nm,0.9s		Lg	
BOOM	Boomskeye usch	20.83 254	P	18 24 38.3 +1.2
BOOM	comp=Z,49nm,1.1s		Pmax	
BOOM	Boomskeye usch	20.83 254	P	18 24 38.3 +1.2
BOOM	Boomskeye usch	20.83 254	P	18 24 36.6 -0.5
BOOM	comp=Z,50nm,1.0s		P	
SGDS	Sogindy	21.07 258	eP	18 24 39.4 -0.1
NRN	Naryn	21.44 252	P	18 24 45.2 +1.4
NRN	comp=Z,15nm,0.8s		Pmax	
NRN	Naryn	21.44 252	P	18 24 45.2 +1.4
NRN	comp=Z,15nm,0.8s		IAMB	18 24 48.1
ASAI	AK-SAY(Kyrgys)	21.46 250	P	18 24 44.7 +0.7
ASAI	comp=Z,39nm,1.4s		P	
AAK	Ala-Archa	21.61 256	P	18 24 46.5 +1.0
AAK	comp=Z,11nm,0.9s,baz=56,slow=5.3,SNR=5.2		P	
AAK	Ala-Archa	21.61 256	eP	18 24 45.7 +0.2
AAK	comp=Z,41nm,1.4s		Pmax	
AAK	comp=Z,300nm,13.0s		MLR	
AAK	Ala-Archa	21.61 256	P	18 24 47.2 +1.8
AAK	comp=Z,35nm,1.2s		IAMB	18 24 47.8
AAK	Ala-Archa	21.61 256	P	18 24 46.3 +0.9
ENH	Enshi	22.01 166	P	18 24 49.5 -0.1
ENH	comp=Z,24nm,1.0s		IAMB	18 24 50.3
ENH	Enshi	22.01 166	P	18 24 48.8 -0.8
ENH	comp=Z,30nm,1.1s		P	
KSRS	Korea Array	22.42 120	P	18 24 54.9 +1.0
KSRS	comp=Z,4.0nm,0.9s,baz=315,slow=11,SNR=16		Lg	18 31 47.8
KSRS	comp=Z,0.1nm,0.3s,baz=319,slow=26,SNR=4.1		LR	18 35 02.2
KSRS	comp=Z,200nm,18.1s,baz=270,slow=40		Lg	
KSRS	comp=Z,4.0nm,0.9s		Lg	
WHN	Wuhan	22.75 155	P	18 24 58.1 +0.7
NJ2	Nanjing	22.75 144	eP	18 24 58.8 +1.3
NJ2	comp=Z,22nm,0.8s		Pmax	
TIXI	Tiksi	22.86 20	P	18 24 59.2 +1.0
TIXI	comp=Z,5.2nm,0.3s,baz=242,slow=5.9,SNR=9.1		S	18 29 08.1 +0.1
TIXI	Tiksi	22.86 20	eP	18 24 57.5 -0.8
TIXI	comp=Z,8.4nm,0.6s,baz=353,slow=18,SNR=3.2		Pmax	
TIXI	comp=Z,5.2nm,0.3s		P	
TIXI	Tiksi	22.86 20	eP	18 24 57.5 -0.8
TIXI	comp=Z,107nm,2.4s		MLR	
TIXI	comp=Z,399nm,14.0s		MLR	
TIXI	Tiksi	22.86 20	P	18 24 59.6 +1.4
TIXI	Tajon	22.93 123	P	18 24 59.4 +0.1
ARSB	Arslanbob	23.30 255	P	18 25 04.0 +0.7
ARSB	comp=Z,141nm,2.0s		Pmax	
ARSB	Arslanbob	23.30 255	P	18 25 04.0 +0.7
ARSB	comp=Z,51nm,1.3s		P	
ARSB	Arslanbob	23.30 255	P	18 25 04.0 +0.7
DZA	Taraz	23.39 260	eP	18 25 04.4 +0.3
DZA	comp=Z,16nm,1.3s		Pmax	
DZA	Taraz	23.39 260	eP	18 25 04.5 +0.3
DZA	comp=Z,16nm,1.3s		P	
ARK	Arkit	23.63 257	P	18 25 07.8 +1.2

KKAR	Karatay Array	23.78 262	P	18 25 08.3 +0.4
KKAR	Karatay Array	23.78 262	P	18 25 08.3 +0.4
LSA	Lhasa	23.95 207	P	18 25 10.2 +0.1
LSA	comp=Z,7.4nm,2.1s		P	
BRLS	Borolday	24.23 262	eP	18 25 14.0 +1.9
BRLS	Borolday	24.23 262	eP	18 25 14.1 +1.9
TRKS	Terek-Say	24.29 258	P	18 25 13.6 +0.7
IUG	Iuzhny	24.60 260	eP	18 25 15.9 +0.3
IUG	comp=Z,26nm,1.8s		Pmax	
IUG	Iuzhny	24.60 260	eP	18 25 15.9 +0.3
IUG	comp=Z,26nm,1.8s		P	
CHM	Chimkent	24.77 261	eP	18 25 16.8 -0.2
CHM	comp=Z,18nm,1.2s		Pmax	
CHM	Chimkent	24.77 261	eP	18 25 16.9 -0.2
CHM	comp=Z,18nm,1.2s		P	
DRK	Karamyk	25.15 253	P	18 25 23.1 +2.2
DRK	comp=Z,26nm,0.8s		Pmax	
DRK	Karamyk	25.15 253	P	18 25 23.1 +2.2
DRK	Karamyk	25.15 253	P	18 25 21.1 +0.2
DRK	comp=Z,37nm,0.9s		P	
PZH	PanZhihua	25.34 184	P	18 25 24.8 +2.4
BTK	Batken	25.37 255	P	18 25 23.6 +1.0
BTK	comp=Z,38nm,1.3s		Pmax	
BTK	Batken	25.37 255	P	18 25 23.6 +1.0
YSS	Yuzhno-Sakhali	25.78 85	eP	18 25 32.8 +6.5
ART	Art	26.45 298	P	18 25 31.0 0.0
ART	comp=Z,4.3nm,0.4s,baz=94,slow=6.5,SNR=8.0		P	
ART	Art	26.45 298	S	18 25 31.8 -0.3
ART	Art	26.45 298	S	18 25 06.9 +0.8
EVN	Everest	26.95 214	P	18 25 36.7 -0.9
EVN	comp=Z,22nm,1.3s		IAMB	18 25 42.4
EVN	Everest	26.95 214	P	18 25 37.7 +0.2
EVN	comp=Z,13nm,1.2s		P	
NIL	Nilore	28.41 242	P	18 25 49.7 -0.2
NIL	comp=Z,17nm,1.8s		P	
JMN	Monobe	28.42 118	P	18 25 48.1 -1.9
JMN	comp=Z,2.1nm,1.4s		P	
MAJO	Matsushiro	28.88 108	P	18 25 52.8 -1.2
MAJO	comp=Z,4.2nm,1.1s		P	
SSLB	Suanguang	31.05 148	P	18 26 12.5 -0.8
PETK	Petrovavlovsk	32.38 66	P	18 26 24.6 -0.2
PETK	comp=Z,2.2nm,0.9s,baz=256,slow=6.0,SNR=3.9		P	
PETK	Petrovavlovsk	32.38 66	P	18 26 24.4 -0.4
PETK	comp=Z,2.2nm,0.9s		P	
CHTO	Chiang Mai	33.16 188	P	18 26 31.5 -0.4
CHTO	comp=Z,8.2nm,2.1s		P	
CMAR	Chiang Mai Arr	33.51 188	P	18 26 34.8 -0.1
CMAR	comp=Z,2.1nm,0.8s,baz=1.3,slow=7.4,SNR=16		Pmax	
CMAR	Chiang Mai Arr	33.51 188	P	18 26 35.0 +0.1
CMAR	comp=Z,2.0nm,0.8s		Pmax	
CMAR	Chiang Mai Arr	33.51 188	P	18 26 33.8 -1.1
BILL	Bilbino	33.54 377	eP	18 26 36.6 +1.8
BILL	comp=Z,57nm,3.0s		Pmax	
BILL	Bilbino	33.54 377	eP	18 26 36.8 +1.8
BILL	comp=Z,57nm,3.0s		MLR	
APA	Apacity	36.36 323	eP	18 26 55.6 -3.4
APA	comp=Z,655nm,16.0s		Pmax	
APA	APA	36.36 323	eP	18 26 55.6 -3.4
APA	comp=Z,6.0nm,1.3s		MLR	
OBN	Obninsk	38.59 302	eP	18 27 19.8 +1.8
OBN	comp=Z,2um,9.3s		P	
OBN	Obninsk	38.59 302	eP	18 29 30.2
OBN	comp=Z,8.0nm,1.0s		Pmax	
OBN	Obninsk	38.59 302	eP	18 27 19.8 +1.8
OBN	comp=Z,8.0nm,1.0s		MLR	
OBN	comp=Z,648nm,17.0s		MLR	
ARCES	ARCCESS Array B	38.77 327	P	18 27 18.8 -0.7
ARCES	comp=Z,2.1nm,0.8s,baz=61,slow=6.4,SNR=4.1		P	
ARCES	ARCCESS Array B	38.77 327	P	18 27 18.8 -0.7
ARCES	comp=Z,2.1nm,0.8s		Pmax	
ARCES	ARCCESS Array B	38.77 327	P	18 27 19.4 -0.1
ARCES	comp=Z,4.0nm,1.0s		Pmax	
ARCES	ARCCESS Array B	38.77 327	P	18 27 19.4 -0.1
ARCES	comp=Z,3.1nm,0.4s,baz=72,slow=8.4,SNR=45		P	

Table with columns: LPAZ, La Paz, 2.99 317 P, Pn, 18 57 30.9 +0.8, 18 58 10.4 +5.4, 18 57 31.3 -0.1, 18 57 32.0 +0.5, 18 57 34.1 -0.6, 18 57 41.2 +1.6, 18 58 03.7 +1.3, 18 59 07.4 +5.2, 18 58 03.4 +1.5, 18 59 20.4 -1.7, 19 08 13.8 -2.1

Table with columns: WRA, Warramunga Arr, 27.61 160 P, Pn, 19 14 49.4 +0.6, 19 17 58.8 +0.4, 19 18 27.7 -0.6

IDC 21 19:08:29.6,2.3,6.10N,124.56E,h0km,mb3.5/4, mbtmp3.5/4,Error ellipse: s-maj=274.6km s-min=21.2km az=65.0, Mindanao

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, MNI, Manado, 1.20 281 P, Pn, 19 24 23.8 -0.8, 19 24 13.7 +1.7, 19 24 36.1 +1.5, 19 24 36.6 -0.6, 19 24 48.3 +1.5, 19 28 14.9 +3.7, 19 28 43.6 -3.0, 19 29 16.5 -2.0, 19 33 46.2 -1.4

AFAD 21 19:40:48.8, 37.98N,34.05E, h13km,2km, ML3.5, ISC 21 19:40:48.8, 38.04N, 34.08E, h6km, ML3.4/35

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, YESY, Yesilyurt, 0.32 227 P, Pn, 19 40 56.3 -0.7, 19 40 56.0 +0.6, 19 41 00.3 +0.2, 19 41 07.5 -0.2, 19 41 09.0, 19 41 00.7 +0.5, 19 41 08.5 +0.6, 19 41 02.1 +0.1, 19 41 04.4 -0.3, 19 41 16.4 -0.7, 19 41 06.5 -0.1, 19 41 07.2 -0.1, 19 41 08.2 -0.1, 19 41 08.2 +0.2, 19 41 08.0 -0.6, 19 41 08.5 -0.5, 19 41 21.8 -0.8, 19 41 25.0, 19 41 10.0 -0.6, 19 41 10.9 -0.4, 19 41 10.3 -1.8, 19 41 11.9 -0.5, 19 41 13.5 -0.2, 19 41 14.1 0.0, 19 41 14.1 -0.1, 19 41 14.4 +0.2, 19 41 13.9 -0.2, 19 41 14.7 +0.1, 19 41 13.9 -1.0, 19 41 17.3 +0.4, 19 41 17.1 0.0, 19 41 16.5 0.0, 19 41 18.6 +0.3, 19 41 18.2 -0.2, 19 41 18.3 +0.6, 19 41 18.9 0.0, 19 41 18.9 -0.2, 19 41 19.4 +0.3, 19 41 18.5 -0.6, 19 41 46.0, 19 41 18.8 +0.6, 19 41 19.3 -0.1, 19 41 19.3 -0.1, 19 41 19.4 -0.2, 19 41 18.3 -0.2, 19 41 19.2 +0.5, 19 41 20.0 +0.1, 19 41 21.2 -0.7, 19 41 20.9 -1.0

Table with columns: KRTS, Isikli, 1.78 189 Pn, Pn, 19 41 21.3 -0.6, 19 41 21.9 -0.6, 19 41 21.9 -0.6, 19 41 22.0 -0.7, 19 41 22.6 -0.4, 19 41 22.5 -0.7, 19 41 22.4 +0.9, 19 41 23.5 -0.1, 19 41 22.9 -0.7, 19 41 23.2 -0.7, 19 41 24.7 +0.6, 19 41 22.2 0.0, 19 41 22.2 0.0, 19 41 25.8 +0.8, 19 41 25.7 -1.2, 19 41 25.8 +0.8, 19 41 26.5 +1.1, 19 41 27.1 -1.1, 19 41 29.9 +0.2, 19 41 27.6 +1.1, 19 41 28.2 -1.5, 19 41 27.6 +1.0, 19 41 29.1 +1.5, 19 41 28.1 +0.5, 19 41 29.1 +0.8, 19 41 30.5 +1.2, 19 41 31.1 +1.5, 19 41 31.8 +1.7, 19 41 35.2 +1.7, 19 41 50.7 +1.8, 19 41 52.3 +1.2, 19 41 59.8 +0.2, 19 42 04.0 +1.5, 19 43 14.9 0.0, 19 43 26.3 -0.3, 19 43 16.5 +0.3, 19 43 29.2 +0.1, 19 43 16.2 -0.3, 19 43 28.3 -1.3, 19 43 17.4 -0.1, 19 43 10.1 -0.4, 19 43 17.8 +0.1, 19 43 31.1 -0.7, 19 43 19.7 +0.3, 19 43 34.5 -0.3, 19 43 20.9 +0.6, 19 43 35.6 +0.4, 19 43 19.9 -0.1, 19 43 35.7 -0.1, 19 43 21.7 +0.7, 19 43 37.9 +0.3, 19 43 38.1 +0.7, 19 43 38.1 -0.2, 19 43 22.5 +0.8, 19 43 39.5 +0.6, 19 43 22.9 +0.9, 19 43 20.9 -0.6, 19 43 59.3 -0.5, 19 44 46.5 -0.5, 19 50 21.1 +0.5, 19 50 31.5 -0.4, 19 50 48.8 -1.0, 19 51 11.3 0.0, 19 51 32.6 -0.5, 19 51 39.5 +0.9, 19 58 12.7 +0.4, 19 58 22.2 +0.5, 19 58 17.3 +1.7, 19 58 31.4, 19 58 15.7 -0.6, 19 58 28.2 -0.6, 19 58 28.5, 19 58 15.9 -0.4, 19 58 27.7 -1.1, 19 58 28.3 -0.2, 19 58 22.3 -0.2, 19 58 39.8 +1.2, 19 58 57.1 +1.2, 19 58 26.5 +0.1, 19 58 28.0, 19 58 28.4 -0.3, 19 58 49.8 -1.2, 19 58 50.9, 19 58 28.4 -0.3, 19 58 50.8, 19 58 26.0 -0.2, 19 58 50.3, 19 58 27.0 +0.5, 19 58 50.9, 19 58 26.5 +0.1, 19 58 50.1, 19 58 28.4 -0.3, 19 58 50.8, 19 58 26.0 -0.2, 19 58 50.8

Table with columns: WRA, Warramunga Arr, 27.61 160 P, Pn, 19 14 49.4 +0.6, 19 17 58.8 +0.4, 19 18 27.7 -0.6, 19 24 23.8 -0.8, 19 24 13.7 +1.7, 19 24 36.1 +1.5, 19 24 36.6 -0.6, 19 24 48.3 +1.5, 19 28 14.9 +3.7, 19 28 43.6 -3.0, 19 29 16.5 -2.0, 19 33 46.2 -1.4, 19 40 56.3 -0.7, 19 40 56.0 +0.6, 19 41 00.3 +0.2, 19 41 07.5 -0.2, 19 41 09.0, 19 41 00.7 +0.5, 19 41 08.5 +0.6, 19 41 02.1 +0.1, 19 41 04.4 -0.3, 19 41 16.4 -0.7, 19 41 06.5 -0.1, 19 41 07.2 -0.1, 19 41 08.2 -0.1, 19 41 08.2 +0.2, 19 41 08.0 -0.6, 19 41 08.5 -0.5, 19 41 21.8 -0.8, 19 41 25.0, 19 41 10.0 -0.6, 19 41 10.9 -0.4, 19 41 10.3 -1.8, 19 41 11.9 -0.5, 19 41 13.5 -0.2, 19 41 14.1 0.0, 19 41 14.1 -0.1, 19 41 14.4 +0.2, 19 41 13.9 -0.2, 19 41 14.7 +0.1, 19 41 13.9 -1.0, 19 41 17.3 +0.4, 19 41 17.1 0.0, 19 41 16.5 0.0, 19 41 18.6 +0.3, 19 41 18.2 -0.2, 19 41 18.3 +0.6, 19 41 18.9 0.0, 19 41 18.9 -0.2, 19 41 19.4 +0.3, 19 41 18.5 -0.6, 19 41 46.0, 19 41 18.8 +0.6, 19 41 19.3 -0.1, 19 41 19.3 -0.1, 19 41 19.4 -0.2, 19 41 18.3 -0.2, 19 41 19.2 +0.5, 19 41 20.0 +0.1, 19 41 21.2 -0.7, 19 41 20.9 -1.0

JMA 21 19:42:60.0,0.1,25.1N,124.1E,0.6,h96km,2km, MW3.1/4,NW OFF ISHIGAKIJIMA IS

IDC 21 19:42:59.0,0.9,25.09N,101.124,12E,0.05,h99km,10km, n19,r0.059/32,mb3.7/6,Northeast of Taiwan

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, JISG, Ishigakijima, 0.53 161 P, Pn, 19 43 14.9 0.0, 19 43 26.3 -0.3, 19 43 16.5 +0.3, 19 43 29.2 +0.1, 19 43 16.2 -0.3, 19 43 28.3 -1.3, 19 43 17.4 -0.1, 19 43 10.1 -0.4, 19 43 17.8 +0.1, 19 43 31.1 -0.7, 19 43 19.7 +0.3, 19 43 34.5 -0.3, 19 43 20.9 +0.6, 19 43 35.6 +0.4, 19 43 19.9 -0.1, 19 43 35.7 -0.1, 19 43 21.7 +0.7, 19 43 37.9 +0.3, 19 43 38.1 +0.7, 19 43 38.1 -0.2, 19 43 22.5 +0.8, 19 43 39.5 +0.6, 19 43 22.9 +0.9, 19 43 20.9 -0.6, 19 43 59.3 -0.5, 19 44 46.5 -0.5, 19 50 21.1 +0.5, 19 50 31.5 -0.4, 19 50 48.8 -1.0, 19 51 11.3 0.0, 19 51 32.6 -0.5, 19 51 39.5 +0.9, 19 58 12.7 +0.4, 19 58 22.2 +0.5, 19 58 17.3 +1.7, 19 58 31.4, 19 58 15.7 -0.6, 19 58 28.2 -0.6, 19 58 28.5, 19 58 15.9 -0.4, 19 58 27.7 -1.1, 19 58 28.3 -0.2, 19 58 22.3 -0.2, 19 58 39.8 +1.2, 19 58 57.1 +1.2, 19 58 26.5 +0.1, 19 58 28.0, 19 58 28.4 -0.3, 19 58 49.8 -1.2, 19 58 50.9, 19 58 28.4 -0.3, 19 58 50.8, 19 58 26.0 -0.2, 19 58 50.3, 19 58 27.0 +0.5, 19 58 50.9, 19 58 26.5 +0.1, 19 58 50.1, 19 58 28.4 -0.3, 19 58 49.8 -1.2, 19 58 50.9, 19 58 28.4 -0.3, 19 58 50.8, 19 58 26.0 -0.2, 19 58 50.8

SJA 21 19:57:58.3,0.7,31.38S,71.27W,h84km,3km,ML3.3, MW3.5

GUC 21 19:57:59.4,1.5,31.40S,71.37W,0.06,h80km,9km, n48,r156/66,6C-7D,Near coast of central Chile

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, CO02, Combarbal, 0.37 58 eP, S, 19 58 12.3 0.0, 19 58 22.0 +0.2, 19 58 23.1, 19 58 12.7 +0.4, 19 58 22.2 +0.5, 19 58 17.3 +1.7, 19 58 31.4, 19 58 15.7 -0.6, 19 58 28.2 -0.6, 19 58 28.5, 19 58 15.9 -0.4, 19 58 27.7 -1.1, 19 58 28.3, 19 58 22.3 -0.2, 19 58 39.8 +1.2, 19 58 22.4 -0.2, 19 58 25.4 +0.3, 19 58 44.7 +0.1, 19 58 48.2, 19 58 25.1 0.0, 19 58 46.8, 19 58 26.0 -0.2, 19 58 50.3, 19 58 27.0 +0.5, 19 58 50.9, 19 58 26.5 +0.1, 19 58 50.1, 19 58 28.4 -0.3, 19 58 49.8 -1.2, 19 58 50.9, 19 58 28.4 -0.3, 19 58 50.8, 19 58 26.0 -0.2, 19 58 50.3, 19 58 27.0 +0.5, 19 58 50.9, 19 58 26.5 +0.1, 19 58 50.1, 19 58 28.4 -0.3, 19 58 49.8 -1.2, 19 58 50.9, 19 58 28.4 -0.3, 19 58 50.8, 19 58 26.0 -0.2, 19 58 50.8

Table with columns: RTLS, Leoncito, 1.81 103 eP, Pn, 19 58 28.9 -0.2, 19 58 51.3 -0.2, 19 58 53.6, 1.83 162 eP, S, 19 58 29.2 +0.1, 19 58 48.1 -3.6, 19 58 56.5, 1.83 162 eP, Pn, 19 58 28.9 -0.2, 19 58 52.5, 1.87 174 eP, S, 19 58 28.6 -0.9, 19 58 41.9 -1.1, 19 58 53.0, 1.87 174 eP, Pn, 19 58 29.2 -0.3, 19 58 31.4 +0.1, 19 58 56.2, 2.04 54 eP, S, 19 58 32.7 +0.6, 19 58 57.9 +0.9, 2.06 165 eP, S, 19 58 32.3 +0.2, 19 58 52.3 -4.7, 19 58 52.8, 2.06 165 eP, Pn, 19 58 32.2 +0.1, 19 58 59.5, 2.11 161 eP, Pn, 19 58 32.8 0.0, 19 59 00.2, 2.13 68 eP, S, 19 58 33.0 0.0, 19 59 00.6 +1.3, 19 59 01.6, 2.21 161 eP, Pn, 19 58 34.6 +0.4, 19 59 02.3 +1.5, 19 59 04.1, 2.25 153 eP, S, 19 58 36.0 +1.1, 19 59 03.3 +1.3, 19 59 06.3, 2.25 153 eP, S, 19 59 02.6 +0.6, 19 59 05.2, 2.29 58 eP, S, 19 58 35.8 +0.5, 19 59 01.0 -1.7, 19 59 08.1, 2.30 94 eP, S, 19 58 35.0 -0.4, 19 59 01.9 -1.2, 19 59 04.2, 2.31 162 eP, Pn, 19 58 35.6 +0.1, 19 59 03.5, 2.34 151 eP, Pn, 19 58 37.4 +1.4, 19 59 06.7 +2.3, 19 59 07.2, 2.34 151 eP, Pn, 19 58 37.2 +1.2, 19 59 07.2, 2.39 172 eP, Pn, 19 58 36.7 +0.1, 19 59 06.0, 2.40 94 eP, Pn, 19 58 37.0 +0.3, 19 59 04.8 -0.5, 19 59 06.8, 2.45 14 eP, S, 19 58 37.7 +0.1, 19 59 07.4 +0.7, 19 59 08.3, 2.46 178 eP, S, 19 58 37.5 +0.1, 19 59 07.5 -1.3, 19 59 07.5, 2.46 178 eP, Pn, 19 58 37.4 0.0, 19 59 07.1, 2.47 89 eP, Pn, 19 58 37.1 -0.6, 19 59 05.3 -1.7, 19 59 09.2, 2.51 159 eP, Pn, 19 58 39.0 +0.7, 2.52 126 eP, S, 19 58 39.5 +1.1, 19 59 11.4 +3.2, 19 59 13.1, 2.68 95 IAML, 19 59 15.7, 2.73 129 IAML, 19 59 16.5, 3.00 176 IAML, 19 59 21.7, 3.42 172 eP, Pn, 19 58 51.0 +0.5, 19 58 51.0 +0.5, 19 59 27.8, 4.95 24 eS, Sn, 19 59 51.2 -1.7

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ACCO, Cerro Coronel, 2.13 68 eP, S, 19 58 33.0 0.0, 19 59 00.6 +1.3, 19 59 01.6, 2.21 161 eP, Pn, 19 58 34.6 +0.4, 19 59 02.3 +1.5, 19 59 04.1, 2.25 153 eP, S, 19 58 36.0 +1.1, 19 59 03.3 +1.3, 19 59 06.3, 2.25 153 eP, S, 19 59 02.6 +0.6, 19 59 05.2, 2.29 58 eP, S, 19 58 35.8 +0.5, 19 59 01.0 -1.7, 19 59 08.1, 2.30 94 eP, S, 19 58 35.0 -0.4, 19 59 01.9 -1.2, 19 59 04.2, 2.31 162 eP, Pn, 19 58 35.6 +0.1, 19 59 03.5, 2.34 151 eP, Pn, 19 58 37.4 +1.4, 19 59 06.7 +2.3, 19 59 07.2, 2.34 151 eP, Pn, 19 58 37.2 +1.2, 19 59 07.2, 2.39 172 eP, Pn, 19 58 36.7 +0.1, 19 59 06.0, 2.40 94 eP, Pn, 19 58 37.0 +0.3, 19 59 04.8 -0.5, 19 59 06.8, 2.45 14 eP, S, 19 58 37.7 +0.1, 19 59 07.4 +0.7, 19 59 08.3, 2.46 178 eP, S, 19 58 37.5 +0.1, 19 59 07.5 -1.3, 19 59 07.5, 2.46 178 eP, Pn, 19 58 37.4 0.0, 19 59 07.1, 2.47 89 eP, Pn, 19 58 37.1 -0.6, 19 59 05.3 -1.7, 19 59 09.2, 2.51 159 eP, Pn, 19 58 39.0 +0.7, 2.52 126 eP, S, 19 58 39.5 +1.1, 19 59 11.4 +3.2, 19 59 13.1, 2.68 95 IAML, 19 59 15.7, 2.73 129 IAML, 19 59 16.5, 3.00 176 IAML, 19 59 21.7, 3.42 172 eP, Pn, 19 58 51.0 +0.5, 19 58 51.0 +0.5, 19 59 27.8, 4.95 24 eS, Sn, 19 59 51.2 -1.7

IDC 21 19:58:32.0,0.5,26.18N,91.24E,h39km,4km,mb3.8/22, mbtmp4.0/24,ML4.2/3,MS3.3/7,Error ellipse: s-maj=16.6km s-min=9.5km az=59.0

NDI 21 19:58:32.7,1.5,26.16N,91.26E,h18km,9km,ML4.2, MW4.1,mb4.4(NEIC),Presumed earthquake

NEIC 21 19:58:34.6,2.4,26.28N,0.09,91.32E,0.09,h40km,6km, mb4.4/25,Error ellipse: s-maj=14.3km s-min=9.2km az=218.0

GFZ 21 19:58:34.0,2.0,26.14N,91.24E,h51km,4.5/24, mb4.5/24

IDC 21 19:58:33.0,0.4,26.17N,0.04,91.25E,0.04,h35km, h36km;PP-P,0.114,0.119,0.127/125,mb4.3/38,MS3.6/1D, Northeastern India

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, SHL, Shillong, 0.83 136 Op, Pn, 19 58 49.4 +1.1, 19 59 01.4 +1.9, 19 59 02.4, 1.14 263 eP, Pn, 19 58 53.6 +1.2, 19 59 09.1 +2.3, 1.46 72 eP, S, 19 58 58.7 +1.8, 19 59 16.1 +1.2, 19 59 19.9, 1.52 21 eP, S, 19 58 59.8 +1.7, 19 59 20.1 +3.2, 19 59 20.9, 2.75 151 eP, S, 19 59 16.1 +1.4, 19 59 47.1 +0.3, 19 59 48.0, 3.37 124 Pn, 19 59 25.3 +2.1, 3.49 174 Pn, 19 59 26.4 +1.5, 19 59 27.0, 3.52 359 P, 19 59 27.8 -1.1, 3.99 156 eP, S, 19 59 39.0 +1.2, 19 60 17.0 +0.3, 19 60 20.8, 3.52 359 P, 19 59 27.8 -1.1, 3.99 156 eP, S, 19 59 39.0 +1.2, 19 60 17.0 +0.3, 19 60 20.8, 3.99 156 eP, S, 19 59 39.0 +1.2, 19 60 17.0 +0.3, 19 60 20.8

21d 20h

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like EVN Everest, TNCH TengChong, PZB PanZhihua, etc.

20 SEP

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like ZALV Zalesovo Beam, KAAM Kaadhehndoo, BORK Borovoye, etc.

1174

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like KSR5 2.7nm,0.9s, MJAR Matsushiro Arr, PETK Petropavlovsk-, etc.

22 0h

Table with columns: CMHT, DION, SUSR, SUSR, THAS, ALN, KIRA, DURS, DEMI, SIMV. Includes station names, times, and various codes.

IDC 21 21:06:19.6:4.7, 27.035:177.42W, h180km, 28km, mb3.3/3, mbmp3.9/5, Error ellipse: s-maj=66.8km s-min=26.6km az=42.0

ISC 21 21:06:26.8:1.6, 27.9S:01:178.0W:0.2, h200km, n6, #184/8, mb3.4/3, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Lists stations like RAO, RAOUL, URZ, ASAR, WRA, QSPA, BRTR.

TRN 21 22:43:20.0, 11:22N:61:80W, h59km, MD3.2, North-west of Trinidad.

FUNV 21 22:43:55.0, 11:22N:61:97W, h33km, MW3.0, Presumed earthquake

ISC 21 22:43:54.1:1.8, 11:21N:62.0W:0.1, h56km, #37km, n12, #079/22, Windward Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Lists stations like DMDM, PSKH, PSMG, TRN, GRGR, GRW, GRSS, SLBI, TACV, BENC.

UPP 21 23:19:40.5:0.1, 67.84N:20:21E, h0km, ML2.7, Suspected explosion

HEL 21 23:19:40.7:0.2, 67.84N:20:18E, h0km, ML1.8, Suspected explosion

IDC 21 23:19:42.3:1.8, 67.89N:20:33E, h0km, mbmp3.1/3, ML2.2/3, Error ellipse: s-maj=22.5km s-min=12.5km az=111.0

ISC 21 23:19:40.8:0.6, 67.83N:20:03E:0.02, h0km, n33, #1914/54, Sweden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Lists stations like RATU, NIKKALUOKTA, LANU, SALU, PAJU, HEF, KLF.

HEF HEF Heffa 1.41 64 PG Pn 23 20 06.2 -1.5

HEF HEF Heffa 1.41 64 PG Pn 23 20 06.1 -1.6

HEF HEF Heffa 1.41 64 PG Pn 23 20 06.2 -1.5

HEF HEF Heffa 1.41 64 PG Pn 23 20 06.1 -1.6

HEF HEF Heffa 1.41 64 PG Pn 23 20 06.2 -1.5

HEF HEF Heffa 1.41 64 PG Pn 23 20 06.1 -1.6

HEF HEF Heffa 1.41 64 PG Pn 23 20 06.2 -1.5

HEF HEF Heffa 1.41 64 PG Pn 23 20 06.1 -1.6

HEF HEF Heffa 1.41 64 PG Pn 23 20 06.2 -1.5

HEF HEF Heffa 1.41 64 PG Pn 23 20 06.1 -1.6

HEF HEF Heffa 1.41 64 PG Pn 23 20 06.2 -1.5

HEF HEF Heffa 1.41 64 PG Pn 23 20 06.1 -1.6

HEF HEF Heffa 1.41 64 PG Pn 23 20 06.2 -1.5

HEF HEF Heffa 1.41 64 PG Pn 23 20 06.1 -1.6

HEF HEF Heffa 1.41 64 PG Pn 23 20 06.2 -1.5

HEF HEF Heffa 1.41 64 PG Pn 23 20 06.1 -1.6

HEF HEF Heffa 1.41 64 PG Pn 23 20 06.2 -1.5

HEF HEF Heffa 1.41 64 PG Pn 23 20 06.1 -1.6

HEF HEF Heffa 1.41 64 PG Pn 23 20 06.2 -1.5

HEF HEF Heffa 1.41 64 PG Pn 23 20 06.1 -1.6

HEF HEF Heffa 1.41 64 PG Pn 23 20 06.2 -1.5

HEF HEF Heffa 1.41 64 PG Pn 23 20 06.1 -1.6

HEF HEF Heffa 1.41 64 PG Pn 23 20 06.2 -1.5

2020 SEP

NOA baz=313,slow=25,SNR=1.3 Lg 23 23 44.5 comp=Z:0.7nm,0.8s

NEIC 21 23:42:54.4:1.2, 62.31S:07:58.3W:0.1, h10km, 1km, m5/28, Error ellipse: s-maj=14.2km s-min=7.2km az=32.0

IDC 21 23:42:59.5:0.8, 62.13S:07:58.1W, h53km, 56km, mb3.7/5, mbmp4.0/5, MS3.4/5, Error ellipse: s-maj=61.0km s-min=19.5km az=72.0

ISC 21 23:42:54.5:0.5, 62.225S:07:58.2W:0.1, h10km, n50, #1504/43, mb4.5/19, MS3.3/5, South Shetland Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Lists stations like ESPZ, PALM, BELA, COYC, VNA3, LLO2, VNA1, VNA2, SNA4, SNA5, SNA6, SNA7, SNA8, SNA9, SNA0.

SNA4 SNA4 Sanae 22.70 138 P Iamb Iamb 23 47 55.7 -0.2

SNA4 SNA4 Sanae 22.70 138 P Iamb Iamb 23 48 00.1

LL05 Los Muermos 22.80 320 P P 23 47 56.5 -0.5

PLCA Paso Flores 22.80 335 P P 23 47 56.2 -1.1

PLCA Paso Flores 22.80 335 P P 23 47 56.2 -1.1

PLCA Paso Flores 22.80 335 P P 23 47 56.2 -1.1

PLCA Paso Flores 22.80 335 P P 23 47 56.2 -1.1

PLCA Paso Flores 22.80 335 P P 23 47 56.2 -1.1

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PLCA Paso Flores 22.80 335 P P 23 47 56.2 -1.1

PLCA Paso Flores 22.80 335 P P 23 47 56.2 -1.1

PLCA Paso Flores 22.80 335 P P 23 47 56.2 -1.1

PLCA Paso Flores 22.80 335 P P 23 47 56.2 -1.1

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PLCA Paso Flores 22.80 335 P P 23 47 56.2 -1.1

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PLCA Paso Flores 22.80 335 P P 23 47 56.2 -1.1

PLCA Paso Flores 22.80 335 P P 23 47 56.2 -1.1

1176

comp=Z:67nm,0.9s P Pn 15 30 111 P Pn 00 24 08.3 -2.6

JAYS Jayapura 15.41 192 Pn Pn 00 24 11.2 -1.1

GENI Geniem 15.61 194 P P 00 24 28.3 +9.2

BAKI Biak 15.80 210 P P 00 24 38.5 +1.7

MWPI Manokwari, Pap 16.69 217 P P 00 24 50.1 +1.9

SIJI Sorong 18.40 224 P P 00 24 47.9 -2.2

SIJI comp=Z:0.4nm,0.3s,baz=42,slow=12,SNR=2.4 comp=Z:3.1nm,0.4s,baz=48,slow=34 comp=Z:3.1nm,0.4s

SIJI SWI Sorong 18.40 224 P Pn 00 24 52.5 +2.5

RABL Rabul 18.63 153 P P 00 24 54.4 +1.8

KRVV Keravat (AS076) 18.68 154 P P 00 24 54.5 +1.4

DAV Davao City (N) 18.91 255 P P 00 24 52.7 -3.0

DAV comp=Z:3.10nm,0.4s,baz=72,slow=6.4,SNR=2.0

DAV DAV 18.91 255 P P 00 24 52.7 -3.0

KMPI Kaimana, Papua 19.14 213 P P 00 24 57.2 -0.9

FAKI Fak Fak 19.34 218 P Iamb Iamb 00 25 00.5 0.0

FAKI Fak Fak 19.34 218 P Iamb Iamb 00 25 10.3

FAKI Fak Fak 19.34 218 P Pn 00 25 02.5 +1.0

FAKI Fak Fak 19.34 218 P P 00 25 00.2 -0.2

TNTI Ternate 20.23 236 P Iamb Iamb 00 25 10.0 -0.1

TNTI TNTI 20.23 236 P P 00 25 27.9

TNTI Ternate 20.23 236 P P 00 25 10.0 -0.1

JOW Kungami 20.36 316 P P 00 25 09.1 -2.3

JOW Kungami 20.36 316 P P 00 25 09.1 -2.3

MJAI Masigi 20.36 316 P P 00 25 07.8 -2.8

MJAI Masigi 20.36 316 P P 00 25 07.8 -2.8

PMG Port Moresby 21.79 224 P P 00 25 30.3 +3.3

PMG Port Moresby 21.79 224 P P 00 25 32.0 +1.2

PMG Port Moresby 21.79 224 P P 00 25 32.0 +1.2

PMG Port Moresby 21.79 224 P P 00 25 32.0 +1.2

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PMG Port Moresby 21.79 224 P P 00 25 32.0 +1.2

Table with columns: Code, Station Name, Az, Alt, Op, ISC, H, m, s, ISC, Time, Res. Includes stations like China Lake, Laurel Mtn Rad, Manual Prospec, Mount Wilson, etc.

Table with columns: Code, Station Name, Az, Alt, Op, ISC, H, m, s, ISC, Time, Res. Includes stations like Carpenter Ridg, Morning Glory, Paradox Valley, etc.

Table with columns: Code, Station Name, Az, Alt, Op, ISC, H, m, s, ISC, Time, Res. Includes stations like MDJ, FITZ, BJI, etc.

Additional text providing orbital parameters and station details for stations like GCMT 22 00 21:50.7, 0.2, 12:55N, 101:143.96E, etc.

22d 1h

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MEEK Meekatharra, INKA Innaminika, FORT Forrest, etc.

2020 SEP

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MGCD Mangrove Creek, BRAT Ballarat, SYDH Sydney Hard Ro, etc.

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Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like DL2, DL2, DL2, HNS HongShan, BJL2 Beijing, etc.

22d 1h

2020 SEP

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Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like KBZ Khabaz, N'azarevskaya, Gofitskyo, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like J30M Hart River, F30M Barrier River, BR131 Keskin Array B, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like ABTA Abfeltersbach, ELK Elko, WTTA Wattersberg, etc.

ITTB Itaituba 167.67 156 eP PKPpdf 01 38 49.5 -0.2
BOAV Boa Vista 169.16 114 eP PKPpdf 01 38 50.3 -0.4

IDC 22 01:39:14.3.1.1, 8.35S: 111.13E, h0km, mb3.9/8,
mbtmp3.9/9, ML4.1/1, MS3.0/1, Error ellipse: s-maj=48.0km
s-min=18.6km az=54.0

DJA 22 01:39:23.9.0.5, 9.5S: 111.1E, h10km, M4.3/24,
ML4.3/24, ML4.3/25, ML4.3/24
NEIC 22 01:39:24.2.1.9, 8.60S: 0.07: 111.13E, 0.06, h92km, 3km,
mb4.0/12, Error ellipse: s-maj=12.4km s-min=7.0km
az=217.0

ISC 22 01:39:21.9.0.5, 8.71S: 0.07: 111.13E, 0.05, h69km, n54,
c2500/49, mb4.0/12, Jawa

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include Pacitan, Wonogiri, Wanagama, Semarang, Waduk Cacaban, Karang Pucung, Banyuglugur, Jajag, Banyuwana, Asem Bagus, Bungbulang, Soe, Bangkinang, Girila, MBWA Marble Bar, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WBO Warramunga Arr, WRA Warramunga Arr, WR8 Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, CMAR Chiang Mai Arr, H08S2 Diego Garcia H, H08S3 Diego Garcia H, H08S1 Diego Garcia H, EVN Everest, USRK USSuriyari Ar., SONM Songino Array, MKAR Makanchi Array, PKYZ Puysegur Point, MKAR Makanchi Array, WHZ Wether Hill Ro, H04N2 CROZET ISLANDS, H04N1 CROZET ISLANDS, H04N3 CROZET ISLANDS, KKAR Karatay Array, ZAAO Zalesovo Array, ZALV Zalesovo Beam, AB31 Akbulak array, ABKAR Akbulak array, PEAOB Petropavlovsk, PETK Petropavlovsk, PETK Petropavlovsk, QSPA South Pole Qui, QSPA South Pole Qui, BRTR Keskin Array B, BITO Garabito Jaco, QUEP Quepos, QAFP Quepos, QUEP Quepos

Table with columns: PAQE Paqueta, OROT Orofina, TRB2 Turrubares, PURH Purrisal, ARZA Esparza, ACOS Acosta, ATEO Atenas, PALZ Palmarcos de P, PALD Palmares, SANTA Santa Ana, SAN Ramon, TCS1 Tacares, BELE Belen, NARAN Naranja de Ala, GREG Grecia Centro, SARCI Sarchi, CENT San Jose, LUJA Lujan, HEME Heredia, Merce, POAS San Pedro de P, VITC Vitacran, SJSJ Escuela Geolog, SJSJ Mercedes San J, TRIO Tres Rios, ZARE Zarero, CORON Coronado, WYURE Wandyure, VPSB V Poas, VPSV V Poas, BUSI Rivas, VBVI V. Barva, VPL1 V. Platanar, CIMVO Finca Echandi, VPL2 V. Platanar, QUEU Ciudad Quesada, JTS Las Juntas de, JTS Las Juntas de, PCAYA Pacayas, VICA Volcano Irazu, INDI Punta indio, G, INDI V. Platanar, VPL3 V. Platanar, CMARA Lajas Hojancha, CMARA Lajas Hojancha, VINA Lujan Vinas, ARTO Ro Cuarto, CVTO Furialba Volc, VTRU Volcan Turrial, CVTR Volcan Turrial, ARE1 Arenal 1, VAREZ V. Arenal, VTCV VTCV, Calle Va, ITAL I. Talar, CNAS Canas, PILE Gapiules, BAGA Bagaces, BURE Buenos Aires, COME Coepe Vega, Sa, DRKO Durika, COLC Colonia, TAAN Batan, ERIA Liberia, ALBR Alibris Airpor, GPS3 Bodega del ICE, UPAL Upala, UPAL Upala, JIME Puerto Jimenez, VRLB La Esmeralda, PIRO Carate, Puerto, PIRO Carate, Puerto, LCHI Los Chiles, UCUA Cerro Uatsi, L, CDITO Canoas, CARN Rivas, CARN Rivas, CARN Gandoca, CARN Rivas, RGMO Gandoca, BRUZ Volcan, BRUZ Volcan, BRUZ Volcan, CLRA Cordillera, BOTLY Boquete Panama, OMEN AI SSO del Vol, JAPN AI SSO del Vol, JAGAL Bijagal, Pana, ALBR Alibris Airpor, ACON Acopya, BLUN Bluefields, BLUN Bluefields, NANN Nandasmo, BOAB BOACOBROADBAN, SAPS Ciudad Sandino, SAPS Ciudad Sandino, CNGN Cerro Negro, MATN Matagalpa

NEIC 22 01:50:13.7.1.1, 13.19N: 0.04: 143.91E, 0.05, h10km, 1km,
mb4.3/10, Error ellipse: s-maj=9.0km s-min=5.6km
az=233.0
IDC 22 01:50:13.2.1.2, 13.10N: 143.70E, h0km, mb3.9/4,
mbtmp3.9/4, MS3.2/3, Error ellipse: s-maj=36.0km
s-min=18.8km az=140.0

ISC 22 01:50:13.4.0.8, 13.22N: 0.1: 143.86E, 0.08, h10km, n25,
c111120, mb4.2/10, South of Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include GUMO Guam, GUMO Guam, GUMO Guam, DPSS Saipan, DAV Davao City (W), H11N1 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, MDJ Mudnjiang, MDJ Mudnjiang, WBO Warramunga Arr, WR0 Warramunga Arr, WR8 Warramunga Arr, WB2 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, KOUNC Koumanc, New Ca, PETK Petropavlovsk, OUENC Ouen Island, N

KURK Kurchatov 64.26 320 P Iamb P 02 00 48.8 0.0
KURK Kurchatov 64.26 320 P Iamb P 02 01 00.9 0.0
KURB Kurchatov Arra 64.30 320 P Iamb P 02 00 50.3 +1.2
ABKAR Akbulak array 76.18 318 P P 02 02 02.5 +0.6
NVAR Mina Array Bea 87.94 51 P P 02 03 07.1 +2.9

NEIC 22 03:33:39.6: 1.3, 16.145S: 0.09: 174.17W: 0.1, h77km, 7km,
mb4.4/8, Error ellipse: s-maj=16.8km s-min=12.9km
az=103.0
IDC 22 03:33:40.4: 3.5, 16.67S: 174.12W, h86km, 33km, mb3.4/6,
mbtmp3.8/7, Error ellipse: s-maj=35.2km s-min=22.9km
az=133.0

ISC 22 03:33:41.8: 0.6, 16.55S: 0.09: 173.95W: 0.10, h111km,
n24, c1938/25, mb3.9/10, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include AFI Afiamalu, AFI Afiamalu, AFU Niue, MARNC Mare, Loyalty, ARMA Armadale, BBOO Buclekoo, BBOO Buclekoo, WR8 Warramunga Arr, WR8 Warramunga Arr, WBO Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, VANDA Vanda, VANDA Vanda, MBWA Marble Bar, QSPA South Pole Qui, QSPA South Pole Qui, QSPA South Pole Qui, PDAR Pinedale Array, PDAR Pinedale Array, ILAR Keskin Array, ILAR Keskin Array, ILAR Keskin Array, BRTR Keskin Array, BRTR Keskin Array, IDC 22 03:38:10.2: 6.1, 31.70S: 179.88W, h196km, 47km, mb4.0/3,
mbtmp4.5/4, Error ellipse: s-maj=52.8km s-min=21.9km
az=46.0
NEIC 22 03:38:13.0: 1.2, 31.96S: 0.08: 179.9E: 0.1, h210km, 10km,
mb4.1/12, Error ellipse: s-maj=16.1km s-min=11.5km
az=83.0
WEL 22 03:38:12.0: 5.0, 32.57S: 18.0W: 1.5, h12km, M4.7/12,
mB5.0/7, ML5.0/12, MLV5.0/12, Mw(MB)4.3/7, Error ellipse:
s-maj=21.7km s-min=3.1km az=114.0, confirmed
ISC 22 03:38:10.3: 0.7, 31.79S: 0.06: 179.9W: 0.1, h200km, n63,
c235/86, mb4.1/11, 3C, Kermadec Islands region

IDC 22 04:24:30.0, 0.9, 4.96S: 127.56E, h0km, mb4.1/2, mbmp4.07, ML3.9/5, MS2.9/1, Error ellipse: s-maj=20.6km s-min=13.8km az=108.0

DJA 22 04:24:34.2, 1.3, 5.5 S: 5.4, 12.8 E, h18km, mb4.1/2, mb4.6/4, mb4.6/4, ML3.8/11, MLV3.9/11, MLV3.9/2, NEIC 22 04:24:34.2, 1.4, 5.20S: 0.04x127.63E: 0.08, h58km, g9km, mb4.2/1, Error ellipse: s-maj=13.0km s-min=3.4km az=112.0

ISC 22 04:24:31.9, 0.6, 5.21S: 0.05x127.68E: 0.06, h35km, n31, z=206/37, mb4.3/5, Banda Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include NLAI Namlea, MSAI Masohi, BANI Bandanaira, SANI Sanana, FAKI Fak Fak, SUI Sorong, KAPI Kappang, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 22 04:29:29.6, 7.3, 7.54S: 127.68E, h114km, g6km, mb3.5/2, mbmp4.2/6, Error ellipse: s-maj=94.9km s-min=22.4km az=55.0

NEIC 22 04:29:30.7, 1.9, 7.65S: 0.1x127.74E: 0.09, h130km, 7km, mb4.1/8, Error ellipse: s-maj=16.5km s-min=13.2km az=180.0

ISC 22 04:29:33.4, 0.8, 7.87S: 0.08x127.56E: 0.08, h150km, n28, z=172/33, mb3.9/6, Banda Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include SOEI Soe, BANI Baumata, MTN Manton Dam, WRA Warramunga Arr, ASAR Alice Springs, etc.

SBA Scott Base 72.80 172 P P 04 40 46.5 +1.5 AB31 Akbulak array 81.70 322 P P 04 41 32.5 -2.6 AB31 comp=Z, 3.5nm, 1.5s

ZUR 22 04:32:24.9, 45.88N: 6.99E, h1km, 1km, MLH0.5/3, 3C, Error ellipse: s-maj=2172.8km s-min=764.5km az=234.0, France

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include BLANC P.ta Helbronne, PRAYON Val Fe, MRGE Morge, etc.

STR 22 04:32:26.6, 0.1, 44.4N: 0.4, 6.7E: 0.4, h1km, MLV0.2, LOCSTAT earthModel alpex_tau=2.11 preliminary, France

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include JAUF Jausiers, SURF Saint Ours, CREF Crivoux, etc.

IDC 22 04:45:45.3, 5.3, 2.171S: 147.75E, h0km, mbmp3.1/2, ML2.3/1, Error ellipse: s-maj=70.9km s-min=49.8km az=175.0, Queensland

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, PORTLAGUERRE, etc.

AEIC 22 05:15:45.1, 1.4, 54.07N: 0.09, 164.60W: 0.06, h30km, 6km, Error ellipse: s-maj=13.6km s-min=4.2km az=169.0

NEIC 22 05:15:45.6, 1.1, 54.00N: 0.09, 164.62W: 0.07, h42km, 12km, ML3.8/21, ML3.8/18, ML3.4(AE/C), Error ellipse: s-maj=12.7km s-min=5.6km az=171.0, Unimak Island region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include AKUT Akutan, AKV Akutan Volcano, AKLW Akutan Long Va, AKGG Akutan Green G, etc.

SDPT Sand Point 2.76 59 Pn Sn 05 16 27.6 +3.0

SDPT Sand Point 05 16 28.3 +1.3

SDPT Sand Point 05 17 05.4

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include CNBA Chernabura Isl, CLES Cleveland East, VNKR Veniaminof 5, VNGF Fog Glacier M, etc.

H29M Whitestone 17.73 36 P 05 19 49.3 -0.1 H29M comp=Z, 9.8nm, 1.4s

J30M Hart River 17.74 42 Pn 05 19 47.9 -1.3 I30M Mount Dempster 17.96 40 Pn 05 19 51.6 -0.6 G29M Pine Creek 18.21 34 Iamb Iamb 05 19 54.0 -0.7

ISC 22 05:36:25.1, 1.1, 0.72N: 26.74W, h0km, mb3.7/6, mbmp3.8/7, ML3.3/1, MS3.4/5, Error ellipse: s-maj=50.8km s-min=16.8km az=148.0

NEIC 22 05:36:27.4, 2.2, 0.8N: 0.1x26.93W: 0.10, h10km, 1km, mb4.5/12, Error ellipse: s-maj=21.8km s-min=15.2km az=152.0

ISC 22 05:36:25.6, 0.6, 0.78N: 0.09x26.88W: 0.08, h10km, n29, z=1925/25, mb4.2/10, MS3.5/5, Central Mid-Atlantic Ridge

RCBR Riachuelo 11.14 234 Pn Sn 05 39 03.6 -1.5

RCBR Riachuelo 11.14 234 Pn Sn 05 39 03.8 -1.4

SACV Santiago Islan 14.47 13 Pn 05 39 49.2 -1.5

H10N3 ASCENSION HYDRIS.02 125 Pn P 05 40 01.8 -1.6

H10N3 ASCENSION HYDRIS.02 125 Pn P 05 40 02.0 -1.4

H10N1 ASCENSION HYDRIS.04 125 Pn P 05 40 00.7 +2.5

H10N1 ASCENSION HYDRIS.04 125 Pn P 05 40 01.2 -1.9

H10N3 ASCENSION HYDRIS.05 125 Pn P 05 40 01.7 +0.7

H10N3 ASCENSION HYDRIS.05 125 Pn P 05 40 01.7 -1.5

DBIC Dimbokro 22.74 75 P LR 05 41 27.0 -1.1

DBIC Dimbokro 22.74 75 P Iamb Iamb 05 41 27.4 -0.7

MACI Morro de la Ar 29.07 19 P P 05 42 25.9 -0.7

TOROI Torodi Arr. Bea 30.86 65 P P 05 42 43.1 +0.6

BOAV Boa Vista 33.66 273 P Iamb Iamb 05 43 07.6 +0.5

EDA Edea 37.12 85 P Iamb Iamb 05 43 36.3 -0.6

MD31 Midelt 38.15 31 P P 05 43 45.7 +0.7

MD31 Midelt 38.15 31 P P 05 43 46.0 +0.6

ESDC Sonseca Array 44.00 26 P P 05 44 34.3 +0.9

LPAZ La Paz 44.09 246 P P 05 44 35.8 +0.7

LPAZ La Paz 44.09 246 P P 05 44 34.8 -0.3

GO01 Goussier 46.19 242 P Iamb Iamb 05 45 04.1

PB08 IPOC Station B 46.32 241 P Iamb Iamb 05 44 52.7 +0.1

CEST Esterr de Car 48.69 28 P Iamb Iamb 05 45 11.7 +1.4

CAO1 Pan de Azucar 49.93 234 P LR 05 45 21.0 +1.0

VAO1 Valguarnera 52.71 41 LR LR 05 48 02.5

DAVO Davos/Discham 55.92 30 LR LR 05 48 36.6

EIL Elat 65.33 58 LR LR 05 51 01.1

TXAR Lajas Lajas 78.10 300 P P 05 48 27.5 +0.0

ANMO Albuquerque 81.01 305 LR LR 05 49 43.5

OTT 22 05:52:09.5, 0.3, 57.51N: 59.58W, h18km, ML3.7/9, 138km east from Nutak, NI Boothia Ungava Seismic Zone, Labrador Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Rows include NINL Nain, SCHO Schefferville, BJB0 Baie Johan-Bee, FRB Frobisher Bay, PMAQ Port Menier, etc.

IDC 22 05:53:30.7, 2.2, 23.45S: 177.24W, h118km, 19km, mb4.0/15, mbmp4.4/18, MS3.3/4, Error ellipse: s-maj=15.6km s-min=13.5km az=119.0

NEIC 22 05:53:32.7, 1.4, 23.45S: 0.08x177.14W: 0.05, h130km, 4km, mb4.7/36, Error ellipse: s-maj=11.2km s-min=7.4km az=182.0

GFZ 22 05:53:33.6, 0.3, 24.5S: 17.77W: 0.15, h154km, M4.8/24, mb4.9/24, confirmed

GMCT 22 05:53:35.7, 0.5, 23.63S: 0.03x177.02W: 0.03, h187km, 5km, MW4.9/75, Moment Tensor Solution.

s12 c12: s75.c91; Duration: 0 Moment tensor: Scale 1016Nm; Mw:0.44±.15; Mw:0.07±.17; Mw:0.5±.15; Mw:1.23±.12; Mw:0.23±.15; Mw:2.07±.11; Best double couple: Mo2.46400±.1016 NP1.0±.00000; 87.00000; 1.60.00000; NP2.2±.11.00000; 884.00000; 1.93.00000; Principal axes: T 2.4020, Plg51.0000, Azm124.0000; N 0.1230, Plg3.0000; Azm30.0000; P -2.2620, Plg39.0000; Azm298.0000; nst1 refers to body waves, cutoff=40s; nst2 refers to surface waves, cutoff=50s. Triangular

moment-rate function

ISC 22 05:53:77.0±0.3, 23356±0.05, 177.12W±0.06, h167km, n175, 2605/181, mb4.6/39, 70-1D, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the event.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the event.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the event.

IDC 22 06:04:06.0±2.0, 178N-124.85E, h0km, mb3.6/3, mbmp3.6/4, ML3.7/1, Error ellipse: s-maj=129.3km s-min=26.9km az=67.0, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the event.

IDC 22 06:06:19.2±0.6, 0.48S:127.64E, h0km, mb4.1/13, mbmp4.2/16, ML3.9/3, MS2.9/2, Error ellipse: s-maj=14.2km s-min=3.1km az=48.0

NEIC 22 06:06:21.6±1.5, 0.55S:103.127.69E±0.05, h10km, 1km, mb4.6/32, Error ellipse: s-maj=9.4km s-min=3.1km

DJA 22 06:06:23.0±0.2, 0.2S:2.12E, h10km, M4.7/18, mb5.4/7, mb4.9/8, mb5.0/7, mb5.2/4, ML4.5/10, MLV4.6/18, MLV4.6/18, Mw(mb)4.8/7, Mw(mb)4.5/4

ISC 22 06:06:25.0±0.4, 0.55S:103.127.70E±0.05, h41km, n80, 153/82, mb4.5/26, Halmahera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the event.

Table with columns: MYKOM, Station Name, Az, El, P, M, Time, Res. Includes stations like TPUB, NACB, GIRAL, etc.

Table with columns: ARTI, Station Name, Az, El, P, M, Time, Res. Includes stations like ARTI, BRLK, SMLK, etc.

Table with columns: BOAB, Station Name, Az, El, P, M, Time, Res. Includes stations like SMRT, TORD, KMBO, etc.

IDC 22 06:13:24.6-4.8, 18.57N, 123.63E, h0km, mb3.8/4, mbmp3.8/4, MS2.9/1, Error ellipse: s-maj=399.3km s-min=23.1km az=63.0

NEIC 22 06:13:24.9-1.1, 18.63N, 123.63E, 0.1, h10km, 1km, mb4.4/15, Error ellipse: s-maj=17.8km s-min=14.4km az=98.0

MAN 22 06:13:30.0, 17.99N, 122.30E, h1km, MS2.8, ISC 22 06:13:24.5-0.7, 18.60N, 123.63E, 0.1, h10km, n33, 0.699Z/3, mb4.3/13, Phillipine Islands region

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like PACPP, TWP, LQG, etc.

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like PMSA, SMAIL, EF1, etc.

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like BOAB, SMRT, TORD, etc.

22d 8h

Table with columns: Code, Station Name, IAML, Time, Res. Includes stations like OLDB, HMNX, ELSH, MCH1, etc.

Table with columns: Code, Station Name, IAML, Time, Res. Includes stations like MOS, NSSP, TIF, DRS, etc.

2020 SEP

Main table with columns: Code, Station Name, IAML, Time, Res. Includes stations like BTLR, ARKR, ARKRI, etc.

1190

Table with columns: Code, Station Name, IAML, Time, Res. Includes stations like DIGR, ARUH, LESKEN, etc.

22d 11h

YAK	comp	Z	Δ	σ	h	m	s	ISC	Res
MJAO	Matsu Arr-Jizo	21.01	230	eP	P	max	max		11 50 09.9 +3.5
MJAR	Matsushiro Arr	21.03	231	P	P	max	max		11 50 08.0 +1.4
MJAR	Matsushiro Arr	21.03	231	P	P	max	max		11 50 08.0 +1.4
ILAR	Eielson Array	30.34	44	eP	P	max	max		11 51 31.7 -1.2
ILAR	Eielson Array	30.34	44	eP	P	max	max		11 51 31.2 -1.7
ULN	Ulanbataar	32.69	283	iP	P				11 51 54.7 +0.8
H11N2	WAKE ISLAND Hy	32.92	165	T	T				12 27 11.2
H11N3	WAKE ISLAND Hy	32.93	165	T	T				12 27 13.4
H11N1	WAKE ISLAND Hy	32.94	165	T	T				12 27 13.5
H11S1	WAKE ISLAND Hy	34.09	166	T	T				12 28 35.7
H11S3	WAKE ISLAND Hy	34.10	166	T	T				12 28 36.3
H11S2	WAKE ISLAND Hy	34.11	166	T	T				12 28 34.0
NR1K	Noril'sk	36.17	325	iP	P	max	max		11 52 24.0 +0.5
KURK	Kurchatov	47.38	302	P	P				11 53 50.4 -4.6
KURB	Kurchatov Arra	47.48	302	P	P				11 53 50.4 -5.4
NVAR	Minna Array Bea	57.13	68	P	P				11 55 07.9 +0.3
PDAR	Pinedale Array	58.99	59	P	P				11 55 20.1 -0.4
KIV	Kislodovsk	69.47	316	eP	P	max	max		11 56 28.3 -0.5
KBZ	Khabaz	69.56	316	iP	P	max	max		11 56 29.7 +0.5
TXAR	Shidzhatmaz	69.66	316	iP	P				11 56 28.5 -1.6
TXAR	Lajitas Array	72.06	65	P	P				11 56 44.3 -0.4
ASAR	Alice Springs	78.34	203	P	P				11 57 19.9 -0.6

VAO 22 11:52:47.2±0.5, 21°80'S; 69°21'W, h10km, mb5.0, Presumed earthquake
 GFZ 22 11:53:05.0±0.2, 22°22'S; 6°6'W, h143km±5km, M4.8/15, mb4.8/15
 SJA 22 11:53:05.6±0.8, 21°81'S; 68°51'W, h137km, M4.5, MW4.4
 NEIC 22 11:53:06.8±1.4, 21°81'S; 04°66'45"W, h127km±5km, mb4.5/14, MW4.4/10, MW4.6(GUC), Error ellipse: s-maj=8.8km, s-min=6.2km, az=70.0
 GUC 22 11:53:06.5±0.8, 21°91'S; 68°40'W, h126km±4km, M4.7
 IDC 22 11:53:07.2±0.6, 21°79'S; 68°29'W, h138km±5km, mb3.9/11, mbmp4.4/16, MS3.1/4, Error ellipse: s-maj=16.8km, s-min=12.1km, az=61.0
 ISC 22 11:53:05.7±0.4, 21°79'S; 0°03'68.37'W, h130km±4km, n270, t±180/264, mb4.5/57, GC-8D, Chile-Bolivia border region

Code	Station Name	Δ	AZ	Phase	ID	h	m	s	ISC	Res
PB09	IPOC Station P	0.81	269	iP	Pn	11	53	27.6	+0.5	
PB09	IPOC Station P	1.13	258	iP	Pn	11	53	43.6	+0.4	
PB09	IPOC Station P	1.13	258	iP	Pn	11	53	45.9		
PB09	IPOC Station P	0.81	269	iP	Pn	11	53	27.5	+0.5	
PB09	IPOC Station P	1.13	258	iP	Pn	11	53	43.5	+0.2	
PB09	IPOC Station P	1.13	258	iP	Pn	11	53	46.3		
PB09	IPOC Station P	0.81	269	iP	Pn	11	53	27.5	+0.5	
PB09	IPOC Station P	1.13	258	iP	Pn	11	53	43.1	+0.1	
AF01	IPOC Station P	0.81	269	iP	Pn	11	53	27.6	+0.5	
AF01	IPOC Station P	1.17	171	iP	Pn	11	53	32.0	+1.5	
AF01	IPOC Station P	1.17	171	iP	Pn	11	54	14.0		
AF01	IPOC Station P	1.17	171	iP	Pn	11	53	31.7	+1.2	
AF01	IPOC Station P	1.17	171	iP	Pn	11	53	47.2	-2.2	
AF01	IPOC Station P	1.17	171	iP	Pn	11	54	08.6		
AF01	IPOC Station P	1.17	171	iP	Pn	11	53	31.7	+1.2	
AF01	IPOC Station P	1.17	171	iP	Pn	11	53	50.8	+0.9	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	31.8	0.0	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	32.0	+1.5	
PB03	IPOC Station P	1.31	258	iP	Pn	11	54	14.0		
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	31.7	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	43.1	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	27.6	+0.5	
PB03	IPOC Station P	1.41	272	iP	Pn	11	53	32.0	+1.5	
PB03	IPOC Station P	1.41	272	iP	Pn	11	54	14.0		
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	31.7	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	43.1	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	27.6	+0.5	
PB03	IPOC Station P	1.41	272	iP	Pn	11	53	32.0	+1.5	
PB03	IPOC Station P	1.41	272	iP	Pn	11	54	14.0		
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	31.7	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	43.1	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	27.6	+0.5	
PB03	IPOC Station P	1.41	272	iP	Pn	11	53	32.0	+1.5	
PB03	IPOC Station P	1.41	272	iP	Pn	11	54	14.0		
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	31.7	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	43.1	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	27.6	+0.5	
PB03	IPOC Station P	1.41	272	iP	Pn	11	53	32.0	+1.5	
PB03	IPOC Station P	1.41	272	iP	Pn	11	54	14.0		
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	31.7	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	43.1	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	27.6	+0.5	
PB03	IPOC Station P	1.41	272	iP	Pn	11	53	32.0	+1.5	
PB03	IPOC Station P	1.41	272	iP	Pn	11	54	14.0		
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	31.7	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	43.1	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	27.6	+0.5	
PB03	IPOC Station P	1.41	272	iP	Pn	11	53	32.0	+1.5	
PB03	IPOC Station P	1.41	272	iP	Pn	11	54	14.0		
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	31.7	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	43.1	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	27.6	+0.5	
PB03	IPOC Station P	1.41	272	iP	Pn	11	53	32.0	+1.5	
PB03	IPOC Station P	1.41	272	iP	Pn	11	54	14.0		
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	31.7	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	43.1	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	27.6	+0.5	
PB03	IPOC Station P	1.41	272	iP	Pn	11	53	32.0	+1.5	
PB03	IPOC Station P	1.41	272	iP	Pn	11	54	14.0		
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	31.7	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	43.1	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	27.6	+0.5	
PB03	IPOC Station P	1.41	272	iP	Pn	11	53	32.0	+1.5	
PB03	IPOC Station P	1.41	272	iP	Pn	11	54	14.0		
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	31.7	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	43.1	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	27.6	+0.5	
PB03	IPOC Station P	1.41	272	iP	Pn	11	53	32.0	+1.5	
PB03	IPOC Station P	1.41	272	iP	Pn	11	54	14.0		
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	31.7	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	43.1	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	27.6	+0.5	
PB03	IPOC Station P	1.41	272	iP	Pn	11	53	32.0	+1.5	
PB03	IPOC Station P	1.41	272	iP	Pn	11	54	14.0		
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	31.7	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	43.1	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	27.6	+0.5	
PB03	IPOC Station P	1.41	272	iP	Pn	11	53	32.0	+1.5	
PB03	IPOC Station P	1.41	272	iP	Pn	11	54	14.0		
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	31.7	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	43.1	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	27.6	+0.5	
PB03	IPOC Station P	1.41	272	iP	Pn	11	53	32.0	+1.5	
PB03	IPOC Station P	1.41	272	iP	Pn	11	54	14.0		
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	31.7	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	43.1	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	27.6	+0.5	
PB03	IPOC Station P	1.41	272	iP	Pn	11	53	32.0	+1.5	
PB03	IPOC Station P	1.41	272	iP	Pn	11	54	14.0		
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	31.7	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	43.1	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	27.6	+0.5	
PB03	IPOC Station P	1.41	272	iP	Pn	11	53	32.0	+1.5	
PB03	IPOC Station P	1.41	272	iP	Pn	11	54	14.0		
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	31.7	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11	53	43.1	+0.1	
PB03	IPOC Station P	1.31	258	iP	Pn	11				

RUSC	eS	Sb	13 23 16.7	-0.1
CHIC	P	Pb	13 23 10.9	-2.2
CHIC	S	Sb	13 23 23.3	-2.7
SPBC	P	Pn	13 23 15.9	+0.1
SPBC	S	Sb	13 23 18.9	-0.2
CVER	S	Sb	13 23 38.9	+3.0
CVER	S	Sb	13 23 38.9	+3.0
CVER	AML	AML		
CVER	AML	AML		
VILC	P	Pn	13 23 17.8	0.0
VILC	S	Sb	13 23 37.2	+1.4
VILC	AML	AML		
WLC	S	Sb	13 23 37.0	+0.3
WLC	AML	AML		
BARC	P	Pb	13 23 19.4	0.0
BARC	S	Sb	13 23 37.0	+0.3
BARC	AML	AML		
BARC	AML	AML		
ROSC	Pg	Pg	13 23 22.0	+1.4
ROSC	Pg	Pg	13 23 22.0	+1.4
ROSC	Lg	Lg	13 23 44.2	
ROSC	P	Pb	13 23 21.1	+0.5
ROSC	S	Sb	13 23 40.8	+2.1
ROSC	AML	AML		
ROSC	AML	AML		
BRUC	P	Pb	13 23 28.5	+0.1
BRUC	S	Sb	13 23 54.2	+2.3
BRUC	AML	AML		
BRUC	AML	AML		
NORC	P	Pb	13 23 28.2	-1.1
NORC	S	Sb	13 23 53.8	+0.4
NORC	AML	AML		
NORC	AML	AML		
PTBC	P	Pn	13 23 28.0	+1.4
PTBC	S	Sb	13 23 54.5	+0.1
PTBC	AML	AML		
PTBC	AML	AML		
PAMC	P	Pb	13 23 31.2	-0.8
PAMC	S	Sb	13 23 59.1	+1.2
PAMC	AML	AML		
PAMC	AML	AML		
GUY2C	P	Pn	13 23 35.4	-2.1
GUY2C	S	Sb	13 24 07.1	-0.1
GUY2C	AML	AML		
GUY2C	AML	AML		
PRAC	P	Pb	13 23 35.2	-2.7
PRAC	S	Sb	13 24 07.6	-0.3
PRAC	AML	AML		
PRAC	AML	AML		
ORTC	P	Pn	13 23 37.1	+1.4
ORTC	S	Sb	13 24 12.9	-0.5
ORTC	AML	AML		
ORTC	AML	AML		
GUVV	P	Pn	13 23 37.1	+1.0
GUVV	S	Sb	13 24 12.1	-2.1
GUVV	AML	AML		
GUVV	AML	AML		
HELC	P	Pn	13 23 39.6	+2.2
HELC	S	Sb	13 24 15.5	-1.1
HELC	AML	AML		
HELC	AML	AML		
HELC	P	Pn	13 23 41.1	-2.0
HELC	S	Sb	13 24 14.9	-1.8
HELC	AML	AML		
CBOC	P	Pb	13 23 46.9	-2.5
CBOC	S	Sb	13 24 25.0	-2.2
CBOC	AML	AML		
CBOC	AML	AML		
MACC	P	Pn	13 23 43.8	+0.7
MACC	S	Sb	13 24 29.9	+0.9
MACC	AML	AML		
MACC	AML	AML		
BETC	P	Pn	13 23 49.3	+1.1
BETC	S	Sb	13 24 43.0	+3.4
BETC	AML	AML		
BETC	AML	AML		
UREC	P	Pb	13 23 53.8	-3.4
UREC	S	Sb	13 23 58.8	+1.0
UREC	AML	AML		
GARC	P	Pn	13 23 53.8	+2.6
GARC	S	Sb	13 24 53.8	+2.6
GARC	AML	AML		
GARC	AML	AML		
SDV	P	Pn	13 23 59.6	+1.4
SDV	S	Sb	13 24 47.2	-0.4
SDV	AML	AML		
SDV	AML	AML		
POPC	P	Pn	13 24 05.0	+2.4
POPC	S	Sb	13 25 15.6	+6.2
POPC	AML	AML		
POPC	AML	AML		
SJCC	P	Pn	13 24 12.6	+2.7
SJCC	S	Sb	13 25 13.9	+5.3
SJCC	AML	AML		
SJCC	AML	AML		
SJCC	P	Pn	13 24 12.0	+2.1
SJCC	S	Sb	13 25 07.4	+1.3
SJCC	AML	AML		
SJCC	AML	AML		
URIB	P	Pn	13 25 39.1	-2.7
URIB	S	Sb	13 24 28.3	-0.1
URIB	AML	AML		
URIB	AML	AML		
BENV	P	Pn	13 24 37.3	+0.9
BENV	S	Sb	13 24 39.6	+1.1
BENV	AML	AML		
BENV	AML	AML		
TURV	P	Pn	13 24 44.7	+0.9
TURV	S	Sb	13 24 49.7	+0.7
TURV	AML	AML		
TURV	AML	AML		
FUNV	P	Pn	13 27 47.5	+1.0
FUNV	S	Sb	13 27 47.5	+1.0
FUNV	AML	AML		
FUNV	AML	AML		
LPAZ	P	Pn	13 27 47.5	+1.0
LPAZ	S	Sb	13 27 47.5	+1.0
LPAZ	AML	AML		
LPAZ	AML	AML		

ELOTW	Lidau	0.90 266	P	Pn	13 24 49.4	-0.6
ELOTW	EDWD		S	Sb	13 25 00.5	-0.5
EDWD	Chiawan	0.90 336	I	P	13 24 49.5	-0.4
EDWD	TWS		I	P	13 25 00.7	-0.2
EOS4	EOS4	0.91 19	I	P	13 24 50.3	+0.6
EOS4	EOS4		I	P	13 25 01.7	-0.4
TTN	Taitung	0.92 337	I	P	13 25 02.6	-0.2
WVDT	WVDT	0.92 303	I	P	13 24 50.5	+0.3
WVDT	WVDT		I	P	13 25 02.3	-0.6
LXIB	Xiulin Townshi	0.93 325	eP	Sb	13 24 50.4	-0.1
LXIB	LXIB		eP	Sb	13 25 01.6	-0.4
Beinan	Beinan	0.94 243	P	Sb	13 25 01.7	-0.5
TWGTB	TWGTB		I	S	13 25 01.7	-0.5
TWGTB	TWGTB		I	S	13 25 01.7	-0.5
Pinlang	Pinlang	0.95 243	I	P	13 24 50.3	-0.3
TWG	TWG		eP	Sb	13 25 01.9	-0.4
ETL	Fush Village	0.96 340	eP	Pn	13 24 50.4	-0.4
ETL	ETL		eP	Pn	13 25 02.5	-0.2
YUS	Yu-Shan	0.98 284	eP	Pn	13 24 51.1	-0.4
YUS	YUS		eP	Pn	13 25 04.1	-0.9
NACB	Ninganchiao	0.98 339	P	Sb	13 24 50.6	-0.4
NACB	NACB		eP	Sb	13 25 02.5	-0.9
OWD	Renai	1.02 313	eP	Pn	13 24 51.7	0.0
OWD	OWD		eP	Pn	13 25 03.6	-1.0
ETLH	Xiulin Townshi	1.06 334	I	P	13 24 52.0	-0.1
ETLH	ETLH		I	P	13 25 04.5	-1.0
EOS3	EOS3	1.07 16	eP	Pn	13 24 53.2	+1.0
EOS3	EOS3		eP	Pn	13 25 06.8	+0.5
WUSB	Renai	1.08 313	I	P	13 24 53.1	+0.5
WUSB	WUSB		I	P	13 25 11.0	-0.9
SSLB	Suanglung	1.09 299	eP	Sb	13 24 52.8	+0.3
SSLB	SSLB		eP	Sb	13 25 06.4	-0.6
EAHA	Aohua	1.09 348	eP	Sb	13 24 52.5	-0.2
EAHA	EAHA		eP	Sb	13 25 05.8	-0.7
WHF	Hehuan Shan	1.11 323	S	Sb	13 24 56.2	+0.2
WHF	WHF		I	S	13 25 06.0	-1.4
Alishan	Alishan	1.12 283	I	P	13 24 54.0	+0.8
ALS	ALS		I	P	13 25 08.3	+0.2
STYH	Taoyuan	1.12 266	eP	Pn	13 24 53.4	+0.3
STYH	STYH		eP	Pn	13 25 07.0	-0.7
WHYT	Xinyi Township	1.13 293	eP	Pn	13 24 54.2	+0.8
WHYT	WHYT		eP	Pn	13 25 08.0	-0.1
ECL	Taimali	1.16 236	I	P	13 24 52.9	-0.5
ECL	ECL		eP	Sb	13 25 05.6	-2.7
SMLT	Sun Moon Lake	1.18 302	I	P	13 24 54.7	+0.5
SMLT	SMLT		I	P	13 25 08.5	-1.0
EOS2	EOS2	1.18 11	I	P	13 25 08.5	-1.0
EWUT	Wuta	1.20 351	eP	Sb	13 24 54.5	-0.1
EWUT	EWUT		eP	Sb	13 25 08.2	-1.4
FUSS	Fushou	1.20 326	eP	Sb	13 24 54.8	+0.2
FUSS	FUSS		eP	Sb	13 25 08.8	-1.1
Yuchr	Yuchr	1.22 302	S	Sb	13 24 56.2	+1.0
TYC	TYC		eP	Sb	13 25 11.0	+0.8
TPUB	Ta-pu	1.25 272	I	P	13 24 56.2	+0.9
TPUB	TPUB		I	P	13 25 12.4	+1.4
CHNS	Tsauling	1.25 286	eP	Sb	13 24 56.5	+1.1
CHNS	CHNS		eP	Sb	13 25 12.7	+1.6
SLGT	Liugui	1.26 258	I	P	13 24 56.2	+0.6
SLGT	SLGT		I	P	13 25 12.5	+1.3
WTP	Ta-pu	1.27 270	I	P	13 24 56.4	+0.8
WTP	WTP		eP	Sb	13 25 12.7	+1.3
WCS	Beigang Elemen	1.27 309	eP	Pb	13 24 56.0	+0.3
WCS	WCS		eP	Pb	13 24 55.6	+0.2
LAY	Lan-yu	1.28 199	eP	Sb	13 24 56.1	+0.2
LAY	LAY		eP	Sb	13 24 57.1	-0.2
WCKO	Fanlu	1.29 278	I	P	13 24 57.5	+0.1
WCKO	WCKO		eP	Sb	13 25 14.6	+2.8
CHN4	Tsaushan	1.29 275	eP	Sb	13 24 57.4	+1.4
WJS	Zhushan	1.29 296	eP	Sb	13 25 13.1	+0.9
NNSB	Dunghang	1.29 335	eP	Sb	13 25 13.9	+1.1
NNSB	NNSB		eP	Sb	13 25 11.1	-1.1
LYUB	Lan-yu	1.30 197	eP	Sb	13 24 56.2	-0.1
LYUB	LYUB		eP	Sb	13 25 09.7	-2.5
SGST	Jiashian	1.30 263	eP	Pb	13 24 56.5	+0.2
SGST	SGST		eP	Pb	13 25 12.8	+0.2
NNS	Nan Shan	1.31 335	I	P	13 25 16.9	+0.2
NNS	NNS		I	P	13 25 10.7	-1.9
LATG	Datong	1.34 342	eP	Sb	13 24 56.5	-0.5
LATG	LATG		eP	Sb	13 25 12.7	-0.7
CHN1	Nanshi	1.35 267	P	Pb	13 24 57.9	+0.9
CHN1	CHN1		eP	Pb	13 25 15.8	+2.0
WNT	Mingjing	1.35 298	I	P	13 24 57.4	+1.3
WNT	WNT		I	P	13 24 57.2	+0.1
TWC	Suao	1.35 355	I	P	13 25 13.5	-0.5
TWC	TWC		eP	Sb	13 24 56.5	-0.9
EAST	Anshuo	1.36 231	eP	Pb	13 24 58.3	+0.7
TWK	Hsiinyang	1.38 271	eP	Pb	13 25 16.9	+2.1
TWK	TWK		eP	Pb	13 24 57.3	-0.3
NDS	Dongshan	1.40 350	eP	Sb	13 25 14.2	-0.3
NDS	NDS		eP	Sb	13 24 59.5	+1.6
WDLH	Douliu	1.40 288	eP	Sb	13 24 57.8	-0.2
MASBT	Mashibuluo	1.40 243	eP	Sb	13 25 14.1	-0.7
MASBT	MASBT		eP	Sb	13 25 19.2	+1.3
CHY	Chiayi	1.46 280	eP	Sb	13 25 18.1	+2.1
CHY	CHY		eP	Sb	13 25 00.8	+1.9
JYNG	Yonagunijimaku	1.48 36	P	Pb	13 24 58.9	-0.4
JYNG	JYNG		eP	Sb	13 25 16.7	+0.1
TWE	Neicheng	1.49 349	P	Pb	13 25 17.8	-0.1
TWE	TWE		eP	Sb	13 25 17.8	-0.1
TWMT	Shoushan	1.51 254	eP	Pb	13 25 01.9	+2.2
SLT	Shi	1.51 227	eP	Pb	13 24 58.3	0.0
SLT	SLT		eP	Pb	13 24 59.6	-0.4
YHNB	Yeheng	1.52 338	I	P	13 24 57.1	-0.5
YHNB	YHNB		eP	Sb	13 25 08.0	+0.9
SSPT	Xinbi	1.52 240	eP	Pb	13 24 59.5	-0.6
NSK	Sanguang	1.53 338	eP	Sb	13 25 17.6	-0.3
NSK	NSK		eP	Sb	13 25 00.8	+0.5
SCZT	Fangliang	1.54 235	eP	Pb	13 25 00.0	-0.4
FUSB	Fushanzhiwuyua	1.54 346	eP	Sb	13 25 01.9	-0.8
FUSB	FUSB		eP	Sb	13 25 02.1	+1.5
TWQJ	Liyutan	1.56 315	eP	Pb	13 25 01.1	+0.1
NWLT	Wulai	1.58 344	eP	Pb	13 25 01.1	+0.1
NWLT	NWLT		eP	Pb	13 25 02.1	+0.9
NFF	Wufeng Townshi	1.59 330	eP	Pb	13 25 02.4	+0.8
WRL	Guolierlin Hsi	1.61 294	eP	Sb	13 25 23.1	+1.6
WRL	WRL		eP	Sb	13 25 23.1	+1.6
LIQB	Emei	1.65 327	eP	Pb	13 25 03.0	-0.3
TIPB	Shuangxi	1.72 355	I	P	13 25 03.0	-0.3
TIPB	TIPB		I	P	13 25 23.5	-1.0
SKX1	Grass Mountain	1.83 357	I			

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TIRR Tirgusor, HARR Harsova, EDIC Estanbul, etc.

IDC 22 14:05:20.8, 1.6, 4.80S, 153.61E, h0km, mb3.6/5, mbmp3.6/5, Error ellipse: s-maj=30.2km s-min=27.2km az=43.0

ISC 22 14:05:26.3, 1.5, 4.85S, 0.2, 153.5E, 0.2, h35km, n7, $\sigma_{0.60}/8$, mb3.5/5, New Ireland region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat, WRA Warramunga, ASAR Alice Springs, etc.

IDC 22 14:09:44.9, 1.1, 2.69N, 127.09E, h0km, mb3.4/5, mbmp3.5/6, ML3.4/4, Error ellipse: s-maj=44.3km s-min=15.6km az=52.0

DJA 22 14:09:50.3, 1.8, 3.1N, 6.12E, h23km, 18km, M3.3/4, ML3.3/4, MLV3.3/4, MLV3.3/4

ISC 22 14:09:50.8, 1.0, 2.8N, 0.2, 127.3E, 0.2, h49km, n7, $\sigma_{1.93}/9$, mb3.4/4, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DDMP Don Marcelino, SIJI Sorong, WRA Warramunga, etc.

IDC 22 14:27:47.6, 1.2, 6.22N, 155.57E, h0km, mb3.9/4, mbmp4.0/4, MS3.4/6, Error ellipse: s-maj=66.0km s-min=23.8km az=67.0

NEIC 22 14:27:47.7, 1.4, 6.22N, 155.57E, 0.1, h5km, 5km, mb4.4/8, Error ellipse: s-maj=9.1km s-min=3.6km az=222.0

ISC 22 14:27:48.6, 0.8, 6.22N, 155.57E, 0.1, h10km, n29, $\sigma_{1.35}/19$, mb4.1/7, MS3.2/5, 4C, South Shetland Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ESPZ Base Esperanza, PMSA Palmer Station, VNA1 Neumayer-Stat, etc.

NNC 22 14:28:10.4, 2.5, 4.27N, 74N, h0km, mb1.4, mpv2.5, Error ellipse: s-maj=15.1km s-min=11.1km az=50.0

KRNET 22 14:28:11.6, 0.1, 4.27N, 78.08E, h26km, mb2.4

SOME 22 14:28:11.0, 0.2, 4.83N, 78.10E, h20km

ISC 22 14:28:10.3, 0.9, 4.285N, 0.04, 78.15E, 0.03, h28km, 8km, n17, $\sigma_{0.45}/30$, 10C-7D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SATY Saty, ANVS Anan yevyo, PRZ Przheval'sky, etc.

NOU 22 14:31:40.8, 4.4, 22S, 168.36E, h2km, MLV3.6/11, South Island, New Zealand

WEL 22 14:31:40.2, 0.4, 4.4, 22S, 168.36E, h5km, M3.3/7, ML3.1/10, MLV3.3/7, Error ellipse: s-maj=4.2km s-min=2.3km az=127.0, confirmed

ISC 22 14:31:40.4, 1.1, 4.4, 22S, 168.36E, 0.03, h3km, 10km, n42, $\sigma_{0.68}/54$, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MSZ Milford Sound, GJNZ Glenorchy, JCY Jackson Bay, etc.

NOU 22 14:31:40.8, 4.4, 22S, 168.36E, h2km, MLV3.6/11, South Island, New Zealand

WEL 22 14:31:40.2, 0.4, 4.4, 22S, 168.36E, h5km, M3.3/7, ML3.1/10, MLV3.3/7, Error ellipse: s-maj=4.2km s-min=2.3km az=127.0, confirmed

ISC 22 14:31:40.4, 1.1, 4.4, 22S, 168.36E, 0.03, h3km, 10km, n42, $\sigma_{0.68}/54$, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MECS Makarora Emerg, HDWS Haast DOC Work, MLZ Mavora Lakes, etc.

SOME 22 14:34:11.7, 3.88N, 72.90E, h10km, NNC 22 14:34:16.0, 4.5, 39.04N, 73.18E, h0km, mb4.0, mpv3.5, Error ellipse: s-maj=32.9km s-min=20.2km az=167.0

ISC 22 14:34:09.0, 3.6, 38.5N, 0.2, 72.78E, 0.07, h10km, n13, $\sigma_{1.47}/19$, 1C-2D, Tajikistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like IUG Iuzhnyy, MRKS Merke, AAK Ala-Archa, etc.

ATH 22 14:44:19.5, 34.96N, 26.75E, h5km, 1km, ML3.7/11, Latitude uncertainty: 4 km; Longitude uncertainty: 1 km

IDC 22 14:44:19.6, 0.9, 35.09N, 26.69E, h0km, mb3.8/6, mbmp3.8/8, ML3.4/2, MS2.4/1, Error ellipse: s-maj=23.7km s-min=13.2km az=7.0

THE 22 14:44:20.9, 35.16N, 2.7E, h0km, 2km, M3.4/6, MLh3.4/6, ISK 22 14:44:20.5, 35.12N, 26.67E, h5km, ML3.5/11

ISC 22 14:44:21.0, 1.3, 35.06N, 0.06, 26.70E, 0.03, h11km, 9km, n55, $\sigma_{0.97}/67$, mb3.8/5, Crete

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ZKR Zakros, KARP Karpathos, AGNA Agios Nikolaos, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Anoyia, Sivas, Datca, Bodrum, Turunc, Gavdhos, lera Moni Meta, Dalyan (Mula), Milas, Yerkesik, Kithira Island, Chios Island, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Tandag City, General Luna, Bislig, Cateel, Davao, Cagayan de Oro, Davao City (W), Davao City (W), Davao City-Mi, Palo, Kidapawan, Tagbilaran, Lapu-Lapu, Lazi, Siquijor, Cotabato-PC H, Don Marcelino, Dipolog City, Sibulan, Pagadian, Cadiz City, Jordan, Masbate, Ibay, Aklian, Lukban, Ternate, Sorong, Yulib, Baunata, Kununurra, Fitzroy Crossi, Chiang Mai Arr, Yasato, Warramunga Arr, Warramunga Arr.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Warramunga Arr, Alice Springs, Asahikawa, Kamikawa-asahi, Honiara, Morawa, Forrest, Stephens Creek, Petropavlovsk, Makanchi Array, Zalesovo Beam, Ala-Archa, Kurchatov, Borovoye Arra, Tahurov, Abkudak Arr, Naaghdeneel, Eielson Array, ARCES Array B, ARCES Array B, Finesse Array B, Kurchatov Arra, Torodi Arr, Fityroy Crossi, Warramunga Arr, Alice Springs, Fityroy Crossi.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Stephens Creek, Warramunga Arr, Alice Springs, Fityroy Crossi, Kurchatov Arra, Torodi Arr, Fityroy Crossi, Warramunga Arr, Alice Springs, Fityroy Crossi, Kurchatov Arra, Torodi Arr, Fityroy Crossi, Warramunga Arr, Alice Springs, Fityroy Crossi.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Rovaniemi, Vikkela, Lumij, Ertsjaerv, Syyolatti, Pyha, Kolar, Merjarvi, Maasselka, Maasselka, Burvik, Olulanka, Finla, Kurvinen, Lannavaara, Umeaa, Nilore, Jammu, Tissa, Tissa, Tissa, Thein Dam, Alchi Leh, Dharamshala, Dharam, Talawar, Bhakra, Simla, Kalpa, Kundal, Kararay Arr, Makanchi Array, Kurchatov Arra, Kurchatov, Kurchatov, Abkudak array, Borovoye Arra, Borovoye, Bork, Aktyubinsk, Zalesovo Beam, ARCES Array B, Davao City (W), Sonseca Array.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for ATD Arta Tunnel, MBAR Mbarara, GNI Garni, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for RSD Black Hills, K22A Casper, K22A 835nm,0.3s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for NVAR Yreka Blue Hor, YBH Lajitas Array, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for TORO Torodi Ar. Bea, BOSHA Boshof, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for BSIR Belisirma, GULAG Gulagac, NIDE Nigde/Mezke, etc.

IDC 22 17:02:55.8; 1.0; 5.66S; 149.66E; h0km, mb3.6/3, mbmp3.6/5, ML 1.9/1, MS3.2/5, Error ellipse: s-maj=41.1km s-min=12.2km az=134.0

IDC 22 17:02:55.8; 1.0; 5.66S; 149.66E; h0km, mb3.6/3, mbmp3.6/5, ML 1.9/1, MS3.2/5, Error ellipse: s-maj=41.1km s-min=12.2km az=134.0

ISK 22 18:22:45.9; 38.04N; 34.04E; h5km, ML3.4/26 AFAD 22 18:22:46.7; 38.02N; 34.02E; h7km, 1km, MW3.6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for KRVT Keravat, PMG Port Moresby, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for YFT Old Faithful, YHH Holmes Hill, FXWY Fox Creek, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for SERE Serefikochisa, AVNS Nevsehir-Avano, AVNS Nevsehir-Avano, etc.

NEIC 22 18:13:30.3; 1.5; 43.78N; 0.06; 105.30W; 0.09; h0km, 1km, ML3.6/62, Error ellipse: s-maj=11.7km s-min=8.5km az=55.0

NEIC 22 18:13:30.3; 1.5; 43.78N; 0.06; 105.30W; 0.09; h0km, 1km, ML3.6/62, Error ellipse: s-maj=11.7km s-min=8.5km az=55.0

CGG 22 18:25:12.2; 1.5; 13.91N; 89.55W; h6km, 64km, MD3.6 Presumed earthquake

2020 19h

Table with columns: Code, Station Name, Az, El, P, Res. Includes stations like RBDL, SLOZ, LOAL, UNIC, NUBE, etc.

NEIC 22 18:41:05.7±2.0, 23°44'S; 10°179.8W; 0.1, h543km, 2km, mb4.4/44, Error ellipse: s-maj=15.2km s-min=13.7km az=98.0

NOU 22 18:41:06.4, 23°22'S; 179°67'W, h570km, mb4.0/14, South of Fiji Islands

IDC 22 18:41:07.1±1.3, 23°34'S; 180°00'W, h558km, 14km, mb3.4/16, mbmp4.3/18, Error ellipse: s-maj=13.0km s-min=11.8km az=139.0

ISC 22 18:41:04.6±0.4, 23°39'S; 0°06'179.81W; 0.07, h532km, n132, o128/133, mb4.3/35, 1C-1D, South of Fiji Islands

Main table for 2020 19h section, listing various stations and their parameters.

2020 SEP

Main table for 2020 SEP section, listing stations like MJAR, AMKA, KIWB, ADK, etc.

IDC 22 18:44:43.1±4.5, 18°41'S; 177°85'W, h519km, 32km, mb3.2/5, mbmp4.1/6, Error ellipse: s-maj=136.4km s-min=29.2km az=26.0

ISC 22 18:44:45.7±7.9, 18°S; 177°W; 0.7, h557km, n6, o021/5, mb3.9/5, Fiji Islands region

Table for 2020 SEP section, listing stations like MSVF, CTA, STKA, WRA, etc.

1200

Table for 1200 section, listing stations like ITBZ, SBZ, IAZR, etc.

SKHL 22 19:12:56.9±0.7, 45°10'N; 151°11'0E, h66km, 3km, mb4.9/3 MOS 22 19:12:57.6±1.1, 45°28'N; 150°34'E, h62km, mb4.5/1, Error ellipse: s-maj=12.3km s-min=10.8km az=171.4

JMA 22 19:12:57.6±0.8, 45°N; 3°15'1E; 1, h30km, MV4.5/18, KURILE ISLANDS REGION

IDC 22 19:13:00.8±3.0, 45°38'N; 0°07'89E; h71km, 25km, mb3.5/14, mbmp3.8/18, MS2.9/5, Error ellipse: s-maj=25.0km s-min=17.8km az=109.0

ISC 22 19:12:56.3±0.8, 45°14'N; 0°07'151.13E; 0.08, h35km, n55, o154/60, mb3.9/14, 1C, Kuril Islands

Main table for 1200 section, listing stations like Code, Station Name, Az, El, P, Res. Includes stations like REI, KUR, YUK, etc.

Table with columns: CMAR, CHIANG MAI ARR, FINES, WRA, NB2, NOA, HFS, ASAR, KBZ, AKASG, EKA, BRTR, GERES, TXAR. Includes station names, coordinates, and times.

IDC 22 19:13:35.9.0.8, 6.67N, 72.92W, h161km, 8km, mb2.8/2, mbmp3.7/5, Error ellipse: s-maj=30.9km s-min=7.5km az=132.0

RSNC 22 19:13:37.0.0.7, 7.1N, 177.3W, h147km, 2km, M3.6, mb3.3, ML3.2

FUNUV 22 19:13:39.0, 6.95N, 73.09W, h127km, MW3.8, Presumed earthquake

IDC 22 19:13:36.9.0.8, 6.87N, 0.03, 73.12W, 0.03, h144km, 6km, n42, c21777, Northern Colombia

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations from BARC to YUK.

Table with columns: YUK, NEM2, NEM2, NEM2, NEM2, NEM2, NEM2, NEM2, NEM2, NEM2. Lists station names and coordinates.

SJA 22 19:30:53.0.2.8, 21.90S, 68.67W, h121km, 5km, ML3.7, MW3.7

NEIC 22 19:30:53.8.0.9, 21.92S, 0.04, 68.69W, 0.06, h119km, 6km, mb4.0/4, ML3.7(GUC), Error ellipse: s-maj=7.9km s-min=5.7km az=75.0

GUC 22 19:30:54.8.0.8, 21.89S, 68.64W, h108km, 4km, ML3.7

ISC 22 19:30:53.8.0.9, 21.90S, 0.03, 68.71W, 0.05, h120km, 7km, n56, c1941/83, 9C, Chile-Bolivia border region

Main station list table for 2020 SEP with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations from PB09 to PLCA.

Table with columns: BOAV, BOAV, GSPA. Includes station names and coordinates.

NCC 22 19:35:21.3.4.2, 36.85N, 70.91E, h201km, 4.5km, mb2.6, mpv3.6, 6C-2D, Error ellipse: s-maj=39.6km s-min=30.0km az=48.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations from KK31 to AKTO.

IDC 22 19:43:29.7.0.7, 27.27N, 55.37E, h0km, mb4.1/22, mbmp4.1/25, ML4.0/3, MS3.2/6, Error ellipse: s-maj=18.3km s-min=13.4km az=10.0

TEH 22 19:43:31.6.1.4, 27.27N, 55.40E, h11km, 16km, ML4.1, Presumed earthquake

NEIC 22 19:43:31.8.1.4, 27.39N, 0.06, 55.33E, 0.08, h10km, 1km, mb4.1/35, Error ellipse: s-maj=12.2km s-min=10.3km

GFZ 22 19:43:32.0.2.0, 27.1N, 4.5E, h10km, M4.5/36, mb4.5/36, Error ellipse: s-maj=8.0km s-min=6.2km az=179.1, confirmed

THR 22 19:43:33.8.0.1, 27.40N, 55.55E, h21km, 3km, ML4.1, Presumed earthquake

DSN 22 19:43:33.4.1.3, 27.32N, 55.38E, h10km, ML4.1/17, Error ellipse: s-maj=16.1km s-min=5.6km az=27.0

OMAN 22 19:43:33.9.0.1, 27.31N, 55.42E, h13km, mb4.1/8, m4.2/22, Error ellipse: s-maj=1.6km s-min=0.9km az=34.0

ISC 22 19:43:31.8.1.1, 27.30N, 0.03, 55.39E, 0.03, h14km, 7km, n31.6, c1953/335, mb4.2/94, MS3.0/5, 12C-16D, Southern Iran

Main station list table for 22d 19h with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations from BNDS to CHBR.

22d 19h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like CHBR Chabahar, KLNJ Kolanajah, WSAF Wadi Sarin, etc.

2020 SEP

Table with columns for station name, frequency, mode, and signal strength. Includes stations like TARG Taragay, TARG Taragay, TARG Taragay, etc.

1202

Table with columns for station name, frequency, mode, and signal strength. Includes stations like KRUC Moravsky, KRUC Moravsky, KRUC Moravsky, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, REN 22 19:43:42.6,2.0,38.172N, NEIC 22 19:43:42.6,2.0,38.172N, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MHC comp=N,95nm,0.8s, ORV Sao Andreas Ge, PSUT Pine Spring, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like az=288.0, IDG 22 20:06:51.0,3.3,5.62S, KRVT Keravat, etc.

SJA 22 20:13:15.3±1.2, 30.766Sx71.88W, h8km±4km, ML4.6, MW4.1
GUC 22 20:13:19.5±0.8, 30.705Sx71.56W, h27km±2km, ML4.7
NEIC 22 20:13:19.4±1.4, 30.705Sx71.67W±0.05, h31km±4km, mb4.7/34, ML4.7(GUC), Error ellipse: s-maj=6.9km

s-min=4.4km az=48.0
IDC 22 20:13:21.5±2.9, 30.745Sx71.83W, h54km±2km, mb4.1/11, mbmp4.3/15, ML4.0/4, MS3.8/10, Error ellipse: s-maj=20.5km s-min=15.3km az=79.0
ISC 22 20:13:17.4±1.0, 30.713Sx71.85W±0.04, h24km±6km, n191, r169, mb4.6/24, MS3.8/8, 10C-6D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like Fray Jorge, Combarbal, El Pedregal, Tololo Observa, Juntas del Tor, etc.

Main station list table with columns: MT01, Popeta, 3.18 171, P, IAML, Pn, 20 14 08.8 +2.9, etc. Lists stations like Popeta, Coronel Fontan, CERRRO ARCO, San Alfonso, etc.

Main station list table with columns: TXAR, Lajitas Array, 66.97 330, P, P, 20 24 09.7 +1.6, etc. Lists stations like Lajitas Array, Maddies Station, Paris, etc.

NEIC 22 20:27:54.3±1.9, 62.28S±0.04, 58.28W±0.08, h10km±1km, mb4.5/23, Error ellipse: s-maj=8.6km s-min=4.5km az=36.0
IDC 22 20:28:02.6±6.1, 62.03Sx57.73W, h80km±55km, mb3.7/7, mbmp4.0/7, MS3.2/2, Error ellipse: s-maj=39.0km s-min=27.0km az=81.0
ISC 22 20:27:53.0±0.6, 62.27S±0.07, 58.22W±0.10, h10km, n46, r179/41, mb4.5/17, SD, South Shetland Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Base Esperanza, Palmer Station, Orcadas, etc.

1205

AC05	El Transito	34.37 341	P	P	20 34 40.9	+0.1
AC05			I	Amb	20 34 46.9	
comp=Z:7.5nm,0.8s						
AC06	Mina Casimiro	35.83 341	P	P	20 34 52.8	-0.5
AC06			I	Amb	20 35 02.4	
comp=Z:7.7nm,0.8s						
AC02	Maricunga	36.17 343	P	P	20 34 56.3	-0.4
AC02			I	Amb	20 35 01.1	
comp=Z:11nm,1.4s						
VNDA	Vanda	38.29 193	P	P	20 35 18.8	+5.1
VNDA			I	Amb	20 35 17.5	+3.9
VPB16	IPOC Station P	44.60 345	P	P	20 36 07.7	+1.1
VPB16			I	Amb	20 36 33.7	
comp=Z:5.1nm,1.2s						
H10S2	ASCENSION HYDR61.87	51	T	T	21 45 27.3	
H10S3	ASCENSION HYDR61.87	51	T	T	21 45 28.0	
H10N3	ASCENSION HYDR62.95	50	T	T	21 46 46.0	
H10N1	ASCENSION HYDR62.96	50	T	T	21 46 48.9	
H10N2	ASCENSION HYDR62.97	50	T	T	21 46 49.9	
BOAV	Boa Vista	64.52 357	P	P	20 38 30.2	-0.3
BOAV			I	Amb	20 38 50.3	
comp=Z:6.7nm,1.4s						
TORD	Tordi Ar. Bea	88.36 57	P	P	20 40 45.7	+0.2
TORD			I	Amb	20 40 45.7	+0.2
comp=Z:0.6nm,1.0s,baz=222,slow=2.5,SNR=2.1						
ASAR	Alice Springs	93.81 191	P	P	20 41 11.3	+0.3
ASAR			I	Amb	20 41 11.3	+0.3
comp=Z:0.6nm,0.8s,baz=162,slow=4.8,SNR=4.6						
WRA	Warramunga Arr	97.46 192	P	P	20 41 26.6	-1.1
WRA			I	Amb	20 41 26.6	-1.1
comp=Z:0.6nm,0.8s,baz=175,slow=4.2,SNR=4.5						
GERES	GERES Array B	124.59 50	PKP	PKP	20 46 51.2	-1.0
BRTR	Keskin Array B	125.06 70	PKP	PKP	20 46 51.3	-2.2
ARCES	ARCES Array B	144.04 37	PKP	PKP	20 47 24.6	-0.6
Mkar	Makanchi Array	152.90 106	PKP	PKP	20 47 48.7	-1.3

IDC 22 20:58:16.3±3.8, 11°03'S×118°37'E, h0km, mb3.4/1, mbmp3.0/3, ML3.0/2, Error ellipse: s-maj=264.2km s-min=31.4km az=47.0
 DJA 22 20:58:22.9±0.8, 11°51'S×111°8'E, h10km, M3.5/7, ML3.5/7, MLV3.4/6, MLV3.4/6
 ISC 22 20:58:21.2±1.3, 11°16'S±0.10×118°31'E±0'09, h33km, n9, n1584/12, South of Sumbawa

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC	h m s	ISC
PLAI	Plampang	2.38 347	Op	Pn	20 58 58.8	+0.9	
PLAI			S	Sn	20 59 24.5	-1.5	
PLAI			AML	AML			
DBNI	Kabupaten Domp	2.64 360	S	Pn	20 59 03.4	+1.8	
DBNI			S	Sn	20 59 32.5	0.0	
DBNI			AML	AML			
DBNI			AML	AML			
DBNI			AML	AML			
TWSI	Taliwang, Sumb	2.79 330	P	Pn	20 59 03.9	+0.3	
TWSI			S	Sn	20 59 33.5	-2.6	
TWSI			AML	AML			
TWSI			AML	AML			
TWSI			AML	AML			
LBEFI	Labuhan Bajo	3.08 30	P	Pn	20 59 09.8	+2.2	
EDFI	Ende, Flores	4.10 55	P	Pn	20 59 22.2	+0.5	
EDFI			AML	AML			
EDFI			AML	AML			
EDFI			AML	AML			
SRBI	Singaraja	4.32 315	P	Pn	20 59 27.3	+2.6	
SRBI			I	Amb	20 59 27.3	+2.6	
SRBI			AML	AML			
SRBI			AML	AML			
WRA	Warramunga Arr	17.72 121	P	Pn	21 02 23.7	-1.9	
ASAR	Alice Springs	19.36 132	P	P	21 02 45.4	+1.1	
ASAR			I	Amb	21 02 45.4	+1.1	
comp=Z:0.1nm,0.5s,baz=303,slow=10,SNR=5.1							
ASAR	Makanchi Array	66.07 334	P	P	21 09 04.5	-0.4	
Mkar			I	Amb	21 09 04.5	-0.4	

CNRM 22 21:03:31.6, 35°14'N±6'03W, h55km, ML2.9
 SFS 22 21:03:32.8, 35°19'N±5'93W, h69km, mb4.0/4, ML3.3/27, ML3.4/28, MLV3.2/29
 IGD 22 21:03:32.9, 35°22'N±5'93W, h35km, ML2.8
 MDD 22 21:03:32.9±0.3, 35°22'N±5'91W, h34km, 1km, mb_Lg3.0/38, Error ellipse: s-maj=2.6km s-min=2.3km az=148.0
 INMG 22 21:03:33.1±1.1, 35°25'N±5'93W, h31km±1km, ML2.7, Error ellipse: s-maj=2.6km s-min=1.8km az=43.0, #DIST_RANGE: REGIONAL #PMA_REGION: SW Tanager (MARR)

ISC 22 21:03:31.1±1.1, 35°21'N±0'02, 5°93W±0'02, h69km±7km, n113, n1567/218, 17D, Strait of Gibraltar

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC	h m s	ISC
RSA	Sarsar	0.34 164	Op	Pn	21 03 41.4	-1.1	
RSA			S	Sn	21 03 48.7	-2.1	
CHEFC	Chefchouen	0.49 102	P	Pn	21 03 44.2	+0.4	
CHEFC			S	Sn	21 03 53.3	+0.1	
CPS	Cap Spartel	0.58 2	P	Pn	21 03 48.6	+1.3	
CPS			S	Sn	21 03 55.3	+0.8	
SMIR	Smir Dam	0.65 43	P	Pn	21 03 46.2	+0.9	
SMIR			S	Sn	21 03 56.0	+0.2	
ECEU	Ceuta	0.82 33	Pn	Pn	21 03 48.8	+1.5	
ECEU			S	Sn	21 04 00.3	+0.9	
ECEU	Ceuta	0.82 33	Pn	Pn	21 03 48.6	+1.3	
ECEU			Sg	Sg	21 03 57.5	-1.9	
CNIL	Conil	1.16 355	Pn	Pn	21 03 53.9	+2.3	
CNIL			S	Sn	21 04 08.2	+1.4	
SICH	Sidi Chahed	1.21 155	P	Pn	21 03 52.9	+0.7	
SICH			S	Sn	21 04 22.4	-0.0	
EJIF	Jimena Fronter	1.29 17	Pg	Pn	21 03 55.6	+2.3	
EJIF			Sg	Sg	21 04 09.3	-0.7	
RTC	Rabat Centre	1.44 212	Pn	Pn	21 03 55.8	+0.7	
RTC			S	Sn	21 04 13.5	+0.2	
PALE	Palemas	1.63 89	P	Pn	21 03 59.1	+1.3	
PALE			S	Sn	21 04 19.9	+2.0	
EMIJ	Mijas	1.65 34	Pn	Pn	21 03 58.5	+0.5	
EMIJ			S	Sn	21 04 20.2	+1.8	
EMIJ	Mijas	1.65 34	Pn	Pn	21 03 58.6	+0.5	
EMIJ			S	Sn	21 04 16.5	-1.8	
EMIJ			I	Amb	21 04 21.4		
ESPR	Espera	1.66 2	Pn	Pn	21 03 59.6	+1.5	
ESPR			S	Sn	21 04 20.0	+1.5	
ESPR	Espera	1.66 2	Pn	Pn	21 03 59.6	+1.5	
ESPR			S	Sn	21 04 17.7	-0.8	
ESPR			Sg	Sg	21 04 18.9		
ESPR			I	Amb	21 03 59.5	-0.1	
LRCM	LCR	1.76 149	Pn	Pn	21 04 23.0	+1.8	
LRCM			S	Sn	21 04 20.7	-1.8	
IFR	Ifrane	1.81 158	Pn	Pn	21 04 00.4	0.0	
IFR			S	Sn	21 04 20.7	-1.8	
AKLM	AKL	1.84 112	P	Pn	21 04 01.2	+0.6	
AKLM			S	Sn	21 04 22.4	-0.5	
ZHG	ZHG	1.85 199	P	Pn	21 04 01.4	+0.6	
ZHG			S	Sn	21 04 25.7	+2.3	
EMAL	Malaga-Limoner	1.97 38	Pn	Pn	21 04 02.9	+0.6	
EMAL			S	Sn	21 04 26.3	+0.3	
ARNO	Arenosillo	1.99 341	Pn	Pn	21 04 04.1	+1.5	
ARNO			S	Sn	21 04 26.0	+1.0	
AVE	Averroes	2.27 213	Pn	Pn	21 04 07.4	+1.1	
AVE			S	Sn	21 04 05.9	-0.4	
AVE			S	Sn	21 04 32.0	-1.3	
CZD	Col de Zada	2.29 161	P	Pn	21 04 07.2	+0.3	
CZD			S	Sn	21 04 33.0	-0.7	
EGOR	Sierra Gorda	2.40 37	Pn	Pn	21 04 10.9	+2.7	
EGOR			S	Sn	21 04 38.1	+1.4	
EGOR	Sierra Gorda	2.40 37	Pn	Pn	21 04 09.4	+1.2	
EGOR			S	Sn	21 04 37.3	+0.6	

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EGOR			I	Vmb_Lg	21 04 44.9	
WMLI	Melilla	2.44 87	Pn	Pn	21 04 09.7	+1.1
EMLI	Melilla	2.47 87	Pn	Pn	21 04 10.5	+1.9
EALB	Alboran	2.47 72	Pn	Pn	21 04 09.8	+0.8
EALB			S	Sn	21 04 37.3	-0.8
PELB	Alboran	2.47 72	Pn	Pn	21 04 38.0	-0.2
EALB			S	Sn	21 04 38.0	-0.2
EALB			I	Vmb_Lg	21 04 39.6	
ELGU	Los Guajares,	2.50 48	Pn	Pn	21 04 09.6	+0.2
ELGU			S	Sn	21 04 38.0	-0.8
MD31	MD31	2.53 157	S	Sn	21 04 44.5	+1.0
MD31			S	Sn	21 04 39.0	-0.0
PBDV	Barranco-do-Ve	2.60 322	Pn	Pn	21 04 11.7	+0.9
PBDV			S	Sn	21 04 40.0	-1.3
PBDV	Barranco-do-Ve	2.60 322	Pn	Pn	21 04 11.7	+0.9
PBDV			S	Sn	21 04 41.1	+0.9
PBDV			I	Amb	21 04 41.1	+0.9
PBDV			I	Amb	21 04 41.8	
PBDV			I	Amb	21 04 42.4	
EMIN	Mina Concepcio	2.62 347	Pn	Pn	21 04 12.1	+1.0
EMIN			S	Sn	21 04 41.4	-0.4
EMIN	Mina Concepcio	2.62 347	Pn	Pn	21 04 12.1	+1.0
EMIN			S	Sn	21 04 40.6	-1.2
PVAQ	Vaqueiros	2.62 327	Pn	Pn	21 04 12.3	+1.2
PVAQ			S	Sn	21 04 40.8	-1.1
PVAQ			I	Amb	21 04 42.0	
PVAQ			I	Amb	21 04 42.2	
PVAQ			I	Amb	21 04 42.0	
PVAQ	Vaqueiros	2.62 327	Pn	Pn	21 04 12.3	+1.2
PVAQ			S	Sn	21 04 41.9	+0.1
MDT	Midelt	2.63 155	P	Pn	21 04 11.9	+0.6
MDT			S	Sn	21 04 41.8	-0.3
EGRO	El Granado	2.64 332	Pn	Pn	21 04 12.5	+1.2
EGRO			S	Sn	21 04 41.9	-0.3
EGRO	El Granado	2.64 332	Pn	Pn	21 04 12.5	+1.2
EGRO			S	Sn	21 04 41.5	-0.7
EGRO			I	Vmb_Lg	21 04 45.1	
EGTA	Pres de Quent	2.83 45	Pn	Pn	21 04 15.7	+1.7
EGTA			S	Sn	21 04 46.2	-2.2
ECAB	El Cabril	2.89 8	Pn	Pn	21 04 46.2	-2.2
ECAB			S	Sn	21 04 15.7	+1.7
ECAB	El Cabril	2.89 8	Pn	Pn	21 04 46.2	-2.2
ECAB			S	Sn	21 04 45.5	-2.9
ECAB			I	Vmb_Lg	21 04 53.4	
JBK	JBK	2.90 107	P	Pn	21 04 15.5	+0.4
JBK			S	Sn	21 04 48.5	-0.4
PCVE	Castro Verde	2.96 326	Pn	Pn	21 04 16.8	+1.2

1209

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like TEIG Tepich, CRIG Cruz Grande, and many others.

2020 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PNME Penonome, BCIP Isla Barro Colorado, and many others.

22d 22h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like SDV comp=Z,154nm,18.1s, and many others.

22d 22h

Table listing various stations and their details for the 22d 22h period, including call signs like CPUP, BDFB, NBPS, etc., and their respective frequencies and parameters.

2020 SEP

Table listing various stations and their details for the 2020 SEP period, including call signs like bmbp4, GZ, NEIC, etc., and their respective frequencies and parameters.

1210

Table listing various stations and their details for the 1210 period, including call signs like ASAR, ASAR, MEEK, etc., and their respective frequencies and parameters.

DJA 22:25:38.2:1.5, 7'S:6'12.3E", h647km; 20km, M4.5/14, mB4.9/5, mB5.0/6, mB4.6/7, mB4.7/7, MLV4.3/13, MLV4.5/14, Mw(mB)4.2/5, Mw(mB)6.3/6, IDC 22:25:47.1:1.0, 6.7, 26S; 123:23E, h567km; 7km, mb3.6/23,

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like AKASG Malin Array Be, SHAI Shidzhatmaz, CHAIR Chiang Mai Arr, etc.

SDD 22 23:44:20.4-4.6, 17.92N-67.21W, h21km, 20km, MD2.9, ML3.3, MW3.3, Presumed earthquake

NEIC 22 23:44:24.21-3, 17.90N-02:06:7.11W, 0.02, h10km, 1km, ML3.4/36, MD3.5/19(RSPR), Error ellipse: s-maj=4.1km

RSPR 22 23:44:25.1, 17.95N-67.10W, h9km, MD3.5/19, OSPL 22 23:44:25.0-0.3, 17.92N-67.10W, h9km, 1km, ML3.3, Presumed earthquake

Table with columns: Code, Station Name, Time, Res, Code. Includes stations like MAQ Magueyes Islan, MLPR 9um, 0.2s, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like CELP Cerrillos, AOPR Arcobio Observ, AGPR Aguadilla, etc.

IDC 22 23:53:46.1±0.5, 62.16S-57.84W, h0km, mb4.4/13, mbmp4.4/15, ML2.4/2, MS4.3/24, Error ellipse: s-maj=19.0km, s-min=12.8km, az=86.0

NEIC 22 23:53:46.9-1.1, 62.33S-57.06W, 0.1, h10km, 1km, mb5.0/55, Mw5.2/15, Error ellipse: s-maj=13.9km

BJI 22 23:53:47.5, 63.07S-59.17W, h10km, mb5.4/1, Ms5.2/4, Ms7.4/9

MOS 22 23:53:47.4±1.5, 62.17S-58.18W, h10km, mb4.9/8, Error ellipse: s-maj=40.4km, s-min=9.7km, az=97.6

Table with columns: Code, Station Name, Time, Res, Code. Includes stations like SHETLAND ISLANDS, JUBA Jubany, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like USHA Despedida, DSPA Isla Dawson, EFI East Falkland, etc.

Table with columns: Code, Station Name, Az, AzT, Op, Phase ID, ISC, Time, Res, h m s, ISC. Rows include AC04 Llanos de Chal, AC06 Mina Casimiro, CPUP Villa Florida, etc.

Table with columns: Code, Station Name, Az, AzT, Op, Phase ID, ISC, Time, Res, h m s, ISC. Rows include KMBO Kilima Mbojo, ASAR Alice Springs, ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzT, Op, Phase ID, ISC, Time, Res, h m s, ISC. Rows include MAN 23 00:09:38.0, 9.30N, 126.94E, h16km, MS3.8, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like G29M Pine Creek, G31M Satah River, ARCES ARCESS Array B, etc.

Grid coordinates: G11 23.00:14.18.2.0.0.34:692N:0.003:20:175E:0:001, h0km, Mns4.3 confirmed

ISC 23.00:14.31.5.2.4.35:23N:0.07:20:12E:0:04, h13km, 18km, n98, c2505/17, mb3.77, Central Mediterranean Sea

Main table of station data for the first section, including stations like PYL PYLOS, ITM Ithomi, LTHK Lithakia, etc.

Table of station data for the second section, including stations like GACS Krajevo Serbi, BOVS Bovan, BLBK Belogradchik, etc.

PGC 23.01:10.170:5.9, 47:30N:129:21W, h10km, ML.S3.1/13, Mw3.7/13, 320km southwest of Tofino, Bc Off Coast of Washington

Main table of station data for the second section, including stations like KEMO NEPTUNE Canada, NCHR NEPTUNE Canada, etc.

SOF 23.01:12.04.9, 41:66N:0:01:20:08E:0:03, h10km, 14km, M23.2/9

Table of station data for the third section, including stations like SKO 23.01:12:05.8, 41:69N:20:25E, h6km, ML2.8, etc.

NRNM 23.01:16:52.2, 35:64N:3:55W, h14km, ML2.4

Main table of station data for the third section, including stations like VRI Vriocinia, OBKA Obir, etc.

Table of station data for the fourth section, including stations like OHR comp=E,255nm,0.3s, SKO Skopje, etc.

INMG 23.01:16:55.2, 35:46N:3:65W, h18km, ML2.3/13, ML2.3/13, ML2.2/9

Main table of station data for the fourth section, including stations like CNRM 23.01:16:52.2, SFS 23.01:16:55.2, etc.

23d 2h

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like PALE, WMEI, EMEL, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KOWE, KOWN, KOKL, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like THIG, RTAL, PATR, etc.

NEIC 23 01:17:23.1-1.6, 52.2N:0.2-174.38W:0.09, h122km, 4km, mb4.0/17, ML3.8/14, ML3.2(AEIC), Error ellipse: s-maj=23.5km s-min=6.3km az=165.0

ASAR 23 01:17:22.0-0.7, 52.2N:0.1-174.35W:0.05, h124km, 5km, mb3.0/17, ML3.8/14, ML3.2(AEIC), Error ellipse: s-maj=26.2km s-min=17.9km az=44.0

MEX 23 01:19:02.3-0.6, 13.71N:93.18W, h10km, MD4.2

23d 4h

mb4.0/4, Error ellipse: s-maj=9.6km s-min=7.8km az=47.0
GUC 23 03:59:50.8, 0.2, 22.66S, 68.46W, h118km, 5km, ML1.32
ISC 23 03:59:50.6, 0.9, 22.66S, 68.45W, h112km, 7km,

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res, ISC. Lists stations like San Pedro de A, IPOC Station P, etc.

IDC 23 03:59:56.5, 0.6, 23.27N, 121.63E, h0km, mb4.1/20,
mbmp4.1/23, ML3.7/3, MS3.6, Error ellipse:
s-maj=14.3km s-min=14.2km az=13.0

NEIC 23 04:00:00.8, 1.7, 23.33N, 0.02, 121.58E, 0.03, h25km, 4km,
mb4.6/28, Mw4.3/27, Error ellipse: s-maj=4.2km
s-min=2.3km az=88.0, Moment Tensor Solution. Moment

tensor: Scale 10^19Nm; Mr=2.91; Mw=0.26; Ms=2.65;
Mo=0.18; Mb=1.56; Mw=0.73; Fault plane solution:
M3.290000, 10.15; P1.1087000; S1.10625000;
1.7, 390.000; NP2=217.150000; 340.87000; 1.06, 250000.0;

Principal axes: T 3.0563, P1g78.0000; Azm231.0000;
N 0.4205, P1g11.0000; Azm25.0000; P -3.4768,
P1g5.0000; Azm116.0000;

BUI 23 04:00:01.1, 23.38N, 121.46E, h9km, mb4.5/4, mb4.3/14,
ML4.4/4, Ms3.9/16, Ms7.3/9/18

NEIC 23 04:00:01.1, 23.33N, 121.56E, h26km
JMA 23 04:00:01.0, 23.33N, 121.56E, h31km, 2km,
MD4.4/19, MV4.6/19, TAIWAN REGION

NIED 23 04:00:01.0, 23.30N, 121.55E, h31km, MW4.4, Moment
Tensor Solution. s2 Moment tensor: Scale 10^19Nm;
Ms=1.19; Mw=0.24; Mb=1.44; Ms=2.95; Mw=0.64; Mw=3.46;

Fault plane solution: M4.710000, 1015 NP1:
phi=326.00000, lambda=159.00000; NP2:
phi=215.00000, lambda=85.00000, lambda=77.00000;

TAP 23 04:00:02.0, 23.32N, 121.50E, h33km, ML4.9, C
ASIES 23 04:00:02.5, 23.32N, 121.49E, h32km, Mw4.3, Fault plane
solution: NP1: phi=218.00000, lambda=124.00000;

NP2: phi=356.00000, lambda=657.00000, lambda=64.00000.
ISC 23 04:00:01.0, 5.0, 23.32N, 121.57E, 0.02, h34km, 1km,
n285, 1923/423, mb4.3/34, MS3.7/3, 11C-48D, Taiwan

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res, ISC. Lists stations like ECBN, CHKH, HGSB, etc.

2020 SEP

Table with columns: TTN, LKXIB, ALX, etc. Lists various stations and their coordinates and times.

2020 SEP

Table with columns: NSST, NMLH, LIOB, etc. Lists various stations and their coordinates and times.

Table with columns for station name, time, and various parameters. Includes stations like HongShan, Xian, Davao City (W), Lanzhou, etc.

Table with columns for station name, time, and various parameters. Includes stations like Keskin Array B, Keskin Array B, etc.

MEX 23 04:01:41.1±0.4, 14.79N; 92.31W, h96km, 4km, MD3.5, Presumed earthquake
GCG 23 04:01:42.0±0.6, 14.92N; 92.19W, h79km, 6km, MD3.3, Presumed earthquake
ISC 23 04:01:39.1±0.4, 14.93N; 92.29W, h101km, 26km, n7, r1355/14, Near coast of Chiapas

IDC 23 04:05:52.4±0.6, 12.06N; 123.86E, h0km, mb4.2/2/3, mbmp4.2/24, ML3.9/1, MS3.7/34, Error ellipse: s-maj=24.0km s-min=13.6km sz=75.0
MAN 23 04:05:53.0, 12.16N; 123.91E, h11km, MS4.5
MAN INTENSITY IV - CATAINGAN DIMASALANG AND PALANAS MASBATE; INTENSITY III - MASBATE CITY; INTENSITY II - CAWAYAN MASBATE; BULAN BULUSAN IROSIN AND MAGALLANES SORSOGON; SORSOGON CITY; LEGAZPI CITY.

Table with columns for station name, time, and various parameters. Includes stations like Catarina, SMCA, THIG, etc.

Table with columns for station name, time, and various parameters. Includes stations like Sibiu, Giongzhong, Kappang, etc.

23d 5h

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like DZM, DZA, KK31, etc.

Code Station Name Azimuth Elevation Azimuth Error Elevation Error Time Residual
WRA Warramunga Arr 21.10 219 Op P 05 19 56.5 +0.3

BEO 23 05:30:48.8 0.6, 41.23N, 19.46E, h9km, 3km, ML3.3/8
RHSSO 23 05:30:49.9, 42.2N, 19.9E, h15km, M3.4/21, ML3.3/4/21

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like TIR, ULC, SDA, etc.

2020 SEP

Main table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like VLO, OHR, BUM, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like MMB, BLKB, AGG, etc.

IDC 23 05:43:52.6 0.9, 2.62S, 139.13E, h0km, mb3.7/7, mbtmp3.8/8, ML3.8/1, MS3.1/8, Error ellipse: s-maj=26.8km

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like GENI, JAY, WAM, etc.

Table with 4 columns: Station Name, Time, Res, and other parameters. Includes entries like PМО2 Porto Moniz, M 0.53 353 P Pg 05 59 47.1 -1.9

ICD 23 06:04:45.4+0.9, 0.69N, 85.61W, h0km, mb3.9/8, mbmp4, 1/11, ML3, 1/4, MS3, 9/45, Error ellipse: s-maj=27.3km s-min=13.6km az=56.0

ISC 23 06:04:47.4+0.6, 0.68N, 85.43W, 0.08, h10km, n65, e136/29, mb4.2/10, MS3, 9/38, 1.C, Off coast of Ecuador

Main table of seismic stations with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PAYG Puerto Ayora, OTAV Otavalo, JTS Las Juntas de, etc.

Table of seismic stations with columns: Station Name, Time, Res, and other parameters. Includes entries like VNA3 Neumayer Olymp, AFI Afiamalu, VNA2 Neumayer-Watz, etc.

SNET 23 06:34:19.0+0.9, 14.09N, 89.73W, h7km, 3km, ML2.4, Presumed earthquake

CATAC 23 06:34:19.8+0.3, 14.1N, 89.70W, h4km, 1km, M2.5/16, ML2.5/16, Error ellipse: s-maj=2.7km s-min=2.4km

ISC 23 06:34:19.7+0.8, 14.09N, 89.72W, 0.03, h11km, 5km, n40, e62/62, 3C-4D, Guatemala

Main table of seismic stations with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RBDL Robledal, SLOZ Alcaldia de Sa, UNIC Universidad Ca, etc.

SJA 23 06:35:08.5+0.6, 20.77S, 68.82W, h28km, 5km, ML3.6, MW3.7

GUC 23 06:35:11.2+0.9, 20.87S, 69.13W, h16km, 7km, ML3.5

Main table of seismic stations with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB08 IPOC Station P, PB08 IPOC Station P, etc.

Main table of seismic stations with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB11 comp=E, 3um, 0.2s, PB07 IPOC Station P, etc.

ICD 23 06:52:42.2+0.8, 4.23N, 126.08E, h0km, mb3.9/10, mbmp3, 9/10, Error ellipse: s-maj=51.9km s-min=15.4km

NEIC 23 06:52:50.5+1.4, 4.21N, 0.09, 126.3E, 0.1, h64km, 6km, mb4, 1/11, Error ellipse: s-maj=17.4km s-min=12.4km

MAN 23 06:52:54.0, 4.39N, 126.29E, h68km, MS3.9, mb4, 8/3, mb4, 4/4, mb4, 4/4, mb4, 4/3, ML4, 0/7, ML4, 0/7, Mw(mb)4, 1/3, Mw(mb)4, 1/3

ISC 23 06:52:49.1+0.6, 4.10N, 0.05, 126.3E, 0.09, h50km, n35, e208/34, mb4.0/16, Talauad Islands

Main table of seismic stations with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GSPH General Santos, GAMI Galea, KCP Kidapawan, etc.

ICD 23 06:56:25.1+0.8, 20.00S, 169.46E, h0km, mb4.1/11, Error ellipse: s-maj=27.3km s-min=13.6km az=56.0

mbtmp4.1/12,ML3.7/1,MS3.2/9,Error ellipse: s-maj=29.3km s-min=14.8km az=138.0 NEIC 23 06:56:30.71.6.20:13S:0.08:169.4E:0.1,h37km,6km,mb4.2/11,Error ellipse: s-maj=16.8km s-min=10.1km az=121.0 NOU 23 06:56:31.3,19:9S:168:79E,h0km,MLV4.5/14, Vanuatu Islands ISC 23 06:56:30.1±0.5,20.14±0.05:169:38E±0.08,h35km,n72,±0.91/61,mb4.2/18,MS3.2/6,3C,Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

mbtmp3.7/3, Error ellipse: s-maj=85.2km s-min=16.5km az=146.0, New Britain region Code Station Name Az Az' Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations in the New Britain region.

ASRS 23 07:05:23.0±1.6,53:74N:91:06E,h0km,M3.3(MOS),The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022. NNC 23 07:05:31.6±4.0,53:58N:90:56E,h0km,mb3.5,mpv3.3,6C-4D, Error ellipse: s-maj=31.1km s-min=25.2km az=32.0,Suspected Mining explosion.,Southwestern Siberia

IDC 23 07:10:30.4±1.6,6:27:78N:128:44E,h45km,2.8km,mb3.5/6,mbtmp3.8/7,ML3.9/1, Error ellipse: s-maj=27.5km s-min=6.1km az=110.0 NIED 23 07:10:30.1,26:45N:128:28E,h37km,MW4.0,Moment Tensor Solution, s3 Moment tensor: Scale 10^19Nm, Mw=0.30; Ms=0.32; Ms=0.32; Ms=0.10; Ms=0.95; Mw=0.05; Fault plane solution: M1:0100x1015 NP1: phi=175.00000; delta=82.00000; lambda=173.00000. NP2: phi=85.00000; delta=83.00000; lambda=8.00000. JMA 23 07:10:30.1±0.2,26:5N:0:9:12 8E,h37km,2km,MD3.8/20,MV3.6/20,NEAR OKINAWAJIMA ISLAND JMA Felt J1 at NEAR OKINAWAJIMA ISLAND. ISC 23 07:10:24.7±0.8,26:27N:0:04:128.52E±0.03,h20km,5km,n24,±123/39,mb3.7/6,Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations in the Ryukyu Islands and other regions.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations in the Kurub region.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations in the Kurub region.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations in the Kurub region.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations in the Kurub region.

Table with columns: KALE, S, Sg, 09 45 29.8 -0.4, 1.69 20 P, AML, P, P, 09 45 07.4 -0.2

IDC 23 09:49:34.0±1.6, 13.23N±91.75W, h0km, mb3.7/1, mbmp3.6/4, ML3.1±1.4, Error ellipse: s-maj=26.5km s-min=14.2km az=32.0

Table with columns: Code, Station Name, Δ° AZ, Op, Phase ID, Time Res, ISC, h m s ISC

Table with columns: Code, Station Name, Δ° AZ, Op, Phase ID, Time Res, ISC, h m s ISC

Table with columns: Code, Station Name, Δ° AZ, Op, Phase ID, Time Res, ISC, h m s ISC

Table with columns: Code, Station Name, Δ° AZ, Op, Phase ID, Time Res, ISC, h m s ISC

Table with columns: Code, Station Name, Δ° AZ, Op, Phase ID, Time Res, ISC, h m s ISC

Table with columns: Code, Station Name, Δ° AZ, Op, Phase ID, Time Res, ISC, h m s ISC

Table with columns: CRAIL Swartwater, Li, 3.48 346 eP, Sn, 09 58 29.6 +2.0

Table with columns: MREMI Moremi, 3.94 336 iP, Pn, 09 58 29.9 -4.0

Table with columns: MAKGR Makgori, 3.96 275 iP, Pn, 09 58 42.1 -0.6

Table with columns: LPHEP Lephhepe, 4.13 312 iP, Pn, 09 58 38.6 +2.1

Table with columns: BOSEA Boshof, 4.24 234 iP, Pn, 09 58 41.6 +3.6

Table with columns: ALPK Alkanpan, Nort, 7.17 237 eP, Pn, 09 59 20.3 +2.1

Table with columns: ECBN Changbin, 0.17 306 iP, Pn, 09 58 40.5 +0.2

Table with columns: ECBN Changbin, 0.17 306 iP, Pn, 09 58 40.5 +0.2

Table with columns: CHN1 Nanshi, 0.98 268 iP, S, 09 58 29.6 +2.0

Table with columns: WJS Zhushan, 1.00 307 eP, S, 09 58 29.6 +2.0

Table with columns: TSMG Majia, 1.02 240 eP, Pn, 09 58 42.1 -0.6

Table with columns: WHTW Wuyuan, 1.02 273 iP, Pn, 09 58 42.1 -0.6

Table with columns: WHTW Wuyuan, 1.02 273 iP, Pn, 09 58 42.1 -0.6

Table with columns: WHTW Wuyuan, 1.02 273 iP, Pn, 09 58 42.1 -0.6

Table with columns: WHTW Wuyuan, 1.02 273 iP, Pn, 09 58 42.1 -0.6

Table with columns: WHTW Wuyuan, 1.02 273 iP, Pn, 09 58 42.1 -0.6

NIED 23 10:20:23.9, 23.20N±121.53E, h39km, MW3.6, Moment Tensor Solution, s2 Moment tensor: Scale 10^14Nm

JMA 23 10:20:23.9, 0.1, 23.22N±121.53E, h39km, 2km, MV3.7/15, TAIWAN REGION

IS23 10:20:24.0±0.9, 23.22N±121.60E±0.02, h32km±5km, n157, ±0.93/274, 7C-16D, Taiwan

Table with columns: Code, Station Name, Δ° AZ, Op, Phase ID, Time Res, ISC, h m s ISC

Table with columns: Code, Station Name, Δ° AZ, Op, Phase ID, Time Res, ISC, h m s ISC

Table with columns: Code, Station Name, Δ° AZ, Op, Phase ID, Time Res, ISC, h m s ISC

Table with columns: Code, Station Name, Δ° AZ, Op, Phase ID, Time Res, ISC, h m s ISC

Table with columns: Code, Station Name, Δ° AZ, Op, Phase ID, Time Res, ISC, h m s ISC

Table with columns: Code, Station Name, Δ° AZ, Op, Phase ID, Time Res, ISC, h m s ISC

Table with columns: Code, Station Name, Δ° AZ, Op, Phase ID, Time Res, ISC, h m s ISC

Table with columns: Code, Station Name, Δ° AZ, Op, Phase ID, Time Res, ISC, h m s ISC

Table with columns: Code, Station Name, Δ° AZ, Op, Phase ID, Time Res, ISC, h m s ISC

PRE 23 09:57:32.1±1.0, 26.25S±29.26E, h0km, ML2.5, Suspected explosion

BGSI 23 09:57:33.1±1.6, 25.52S±29.95E, h201km±113km, ML3.1, Presumed earthquake

ISC 23 09:57:32.0±0.9, 26.20S±29.18E±0.04, h0km, n21, ±257/37, South Africa

Table with columns: Code, Station Name, Δ° AZ, Op, Phase ID, Time Res, ISC, h m s ISC

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like HATJ, IRIF, JKRS, PCYT, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like BOLP, SIPP, PCPS, etc.

SKHL 23 10:31:26.8:0.8, 46.00N:143.00E, h13km, 2km, mb3.4/3

JMA 23 10:31:26.1:0.3, 45.9N:0.8:14.3E, h11km, MV2.6/9, NE

OFF HOKKAIDO

ISC 23 10:31:26.3:0.5, 45.93N:0.05:143.0E:0.1, h11km, 27km

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like KRS4, MLK4, WSE, etc.

IDC 23 10:38:12.9:8.4, 21.87S:177.93W, h483km, 52km

mb3.7/3, mbmtmp4.5/4, Error ellipse: s-maj=135.2km

s-min=24.7km az=129.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like MSVF, ASAR, WRA, etc.

TAP 23 10:51:02.8:24.74N:121.79E, h10km, ML3.8/B

JMA 23 10:51:03.0:0.2, 24.74N:0.5:12.2E, h31km, MV3.7/10

TAIWAN REGION

NIED 23 10:51:03.3:24.74N:121.68E, h31km, MW3.5, Moment

Tensor Solution, s2 Moment tensor: Scale 10^14Nm

Mm-1.76; Mm0.58; Mm1.19; Mm2.28; Mm3.06; Mm0.32;

Fault plane solution: N1.92000x10^14 NP1:36.00000°,

830.00000°, A-92.00000°. NP2:321.00000°, 85.100000°,

1-89.00000°

ISC 23 10:51:02.7:0.8, 24.75N:0.01:121.80E:0.1, h12km, 4km

n147, c0880/217, 18C-2D, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like ILA, NTC, NCH, etc.

2020 SEP

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like NNS, NNSB, ANP, etc.

23d 12h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like TWK1, KNM, AXDP, etc.

23d 16h

Table with columns: Station Name, Time, Res, ISC, Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Suanglung, Chiayi, Yijhu, Chigu Township, etc.

PRES 23 14:45:47.9±1.2, 28°54'S; 23°49'E, h0km, ML1.9, Suspected explosion
BGSI 23 14:45:51.0±0.8, 28°65'S; 22°63'E, h31km, 56km, ML2.5, Presumed earthquake

ISC 23 14:45:47.6±0.9, 28°50'S; 0°04'23.47E±0.05, h0km, n13, c=13720, South Africa

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Boshof, BOSA, Boshof, etc.

ISC 23 14:58:54.3±2.9, 6.03S; 130°48'E, h75km, 39km, mb3.1/1, mbtmp3.6/5, ML3.6/4, Error ellipse: s-maj=82.5km s-min=22.6km az=88.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes station Sorong.

2020 SEP

Table with columns: Station Name, Time, Res, ISC, Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SIJI, FITZ, FITZ, WRA, WRA, WRA, etc.

IDC 23 15:08:42.6±0.7, 6°9'S; 133°35'E, h0km, mb3.8/7, mbtmp3.7/13, ML3.4/6, MS3.6/2, Error ellipse: s-maj=16.9km s-min=9.7km az=89.0, DUA 23 15:08:48.0±0.7, 7°S; 6°13'E, h124km, 13km, M4.3/9, mb4.7/2, mb4.7/2, mb4.1/8, Mlv4.4/10, Mlv4.4/9, Mw(mB)3.9/2, Mw(mB)3.9/2

ISC 23 15:08:46.1±0.6, 7°19'S; 0°06'13.34E±0.08, h35km, n20, c=29922, mb3.77, Ara Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SAUI, SAUI, SAUI, etc.

TEH 23 15:30:36.8, 34°79N; 45°66'E, h9km, 54km, ML2.9, Presumed earthquake

ISN 23 15:30:38.9, 10.0, 34°64N; 45°98'E, h9km, ML3.0, Presumed earthquake

ISC 23 15:30:37.9±1.0, 34°81N; 0°05'45.75E±0.05, h10km, n9, c=1948/12, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like IDHR, IDHR, IDHR, etc.

IDC 23 15:34:20.6±3.0, 1°60N; 92°05'E, h0km, mb3.5/4, mbtmp3.5/5, ML4.2/1, Error ellipse: s-maj=100.8km s-min=32.5km az=58.0, DUA 23 15:34:25.5±1.0, 1°N; 3°9'E, h10km, M4.7/23, mb5.7/4, mb4.8/15, mb4.8/14, mb5.5/5, ML4.3/20, Mlv4.5/23, Mlv4.5/20, Mw(mB)5.3/4, Mw(mB)5.0/5

ISC 23 15:34:15.7±5.7, 0.8N; 0°2'92.5E±0.4, h10km, n14, c=096/10, mb3.6/4, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SNSI, SNSI, SNSI.

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Table with columns: Station Name, Time, Res, ISC, Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like GSI, GSI, GSI, etc.

IDC 23 16:05:54.1±0.7, 10°73'N; 143°39'E, h0km, mb3.9/15, mbtmp4.0/16, ML4.4/1, MS3.1/11, Error ellipse: s-maj=23.5km s-min=12.6km az=102.0, NEIC 23 16:05:56.4±1.2, 10°82'N; 0°09'143.5E±0.2, h10km, 1km, mb4.5/21, Error ellipse: s-maj=33.4km s-min=10.6km az=111.0

ISC 23 16:05:55.0±0.5, 10°79'N; 0°07'143.6E±0.1, h10km, n54, c=1939/43, mb4.4/26, MS3.0/7, South of Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like GUMO, GUMO, GUMO, etc.

23d 19h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ESSJ San Jos, E, Yecopaca, Chim, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BTX Batken, TAS Tashkent, etc.

CRNET 23 18:47:07.1±0.1, 40.24N; 70.11E, h11km, mb3.1
ISU 23 18:47:09, 40.30N; 70.17E, h22km
ISC 23 18:47:08.1±1.4, 40.25N; 0.05; 70.16E; 0.05, h14km, 15km, n14, ±193/27, 10C-BD, Tajikistan

2020 SEP

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSR5 Kora Array, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DVP Devils Point, RTV Rentapao, etc.

NEIC 23 18:55:30.7±2.5, 20.57S; 0.07; 177.7W; 0.1, h526km, 7km, mb4.1/8, Error ellipse: s-maj=16.3km s-min=10.0km az=75.0
IDC 23 18:55:33.1±1.7, 20.57S; 177.85W, h548km, 18km, mb3.2/9, mbtmp4.2/10, Error ellipse: s-maj=26.6km s-min=12.7km az=152.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSVF Nonavsu, AFI Afiamalu, etc.

ISC 23 18:55:31.3±0.7, 20.55S; 0.1±177.8W; 0.1, h534km, n35, ±193/37, mb3.8/12, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PDAR Pinedale Array, AKASG Maline Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ALLN Telcor Managua, JAPAN AI SSO del Vol, etc.

IDC 23 19:22:05.5±1.9, 3.80N; 124.69E, h0km, mb3.4/4, mbtmp3.4/4, Error ellipse: s-maj=143.4km s-min=23.6km az=68.0, Celebes Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

SDD 23 19:59:55.7±0.9, 18.25N; 71.65W, h30km, 10km, MD2.5, ML1.8, MW2.6, Presumed earthquake
OSPL 23 19:59:57.6±0.9, 18.27N; 71.63W, h10km, 9km, ML1.9, Presumed earthquake
ISC 23 19:59:57.2±1.1, 18.25N; 0.04; 71.61W; 0.05, h12km, 8km, n10, ±1953/14, ID, Dominican Republic region

23d 20h

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for various radio stations.

20 SEP

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for various radio stations.

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Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for various radio stations.

23d 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Naryn, Salom-Alik, Ulahol, Karagaybulak, etc.

2020 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SATY, KURS, ARXS, SHLS, etc.

1238

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SADR, SMDR, AGPR, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like CTHB, BUKP, APPI, BIPH, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like MJAR, BBOO, XAN, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like ARTI, ABPO, RAYN, etc.

BJI 23 22:19:42.7, 8.98N, 126.84E, h21km, mB5.0/7, mb4.6/40, ...
NEIC 23 22:19:44.3, 1.2, 9.34N, 0.07, 126.92E, 0.10, h10km, 1km, ...
GFZ 23 22:19:45.4, 0.2, 9.33N, 127.7E, h10km, M4.7/31, ...
MAN 23 22:19:45.0, 9.33N, 126.90E, h10km, MS4.7, ...
DJA 23 22:19:48.3, 1.5, 9.13N, 127.7E, h10km, M4.8/17, ...
MLV5.1/3, MLV5.1/3, Mw(m)B4.8/12, Mw(m)B4.8/11, ...
GCMT 23 22:19:49.0, 3.3, 9.31N, 0.03, 127.05E, 0.02, h21km, 1km, ...
MW4.8, Moment Tensor Solution, s25,c26, s84,c108, ...
Duration: 0. Moment tensor: Scale 1016Nm; M2.06t.14; ...
Mw: 0.35t.08; Mw: 1.71t.09; Mw: 0.11t.14; Mw: 0.27t.10; ...
M1.26t.13; Best double couple: M2 29100:1016 ...
NP1: s167.00000, s28.00000, s85.00000, s85.00000. NP2: ...
Principal axes: T 2.4430, Plg73.0000, Azm268.0000; N -0.3020, ...
Plg2.0000, Azm171.0000; P -2.1390, Plg17.0000, ...
Azm80.0000; nsta1 refers to body waves, cutoff=40s. ...
nsta2 refers to surface waves, cutoff=50s. Triangular ...
moment-rate function
IDC 23 22:19:52.9, 2.4, 9.23N, 126.72E, h74km, 22km, mb4.1/24, ...
kntm4.4/27, MS4.0/19 Error ellipse: s-maj=21.7km ...
s-min=11.1km az=71.0
ISC 23 22:19:48.0, 0.3, 9.24N, 0.04, 126.92E, 0.06, h39km, 3km, ...
n212, i1979/2011, mb4.7/34, MS4.1/26, 2D, Mindanao

23d 22h

Table with columns for station code, name, frequency, and other technical details. Includes stations like KCP Kidapawan, TBP Tagbilaran, LSIPI Lati, etc.

2020 SEP

Table with columns for station code, name, frequency, and other technical details. Includes stations like HNS, HNS, HNS, etc.

1240

Table with columns for station code, name, frequency, and other technical details. Includes stations like MA2 Magadan, MA2 Magadan, PDGK Podgornoye, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KPKS, SATY, KURS, TDK, MDOK, MDOK, KTBS, ABTA, MOA, WTTA, WATA.

THE 23 23:22:57.5, 41°N, 5°2'0E, h20km, 11km, M3, 1/13, MLh3, 1/13
TIR 23 23:22:58.3, 41°03'N, 19°89'E, h27km, 1km, M1, 3/1
BEO 23 23:22:59.0, 41°00'N, 19°68'E, h18km, 5km, ML2, 8/16
ISC 23 23:22:58.3, 41°04'N, 02°19'77E, 0.02, h11km, 9km, n85, r1509/126, 5C-3D, Albania

Main table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations including TIR, VLO, OHR, PPH, KBN, SRN, SAR, KER, POD, IGT, IGO, SKO, JAN, KIP, KZN, TRE, GRG, DBR, VAY, SJS, SJE, THL, TYR, KLI, TSK, BARS, STON, SEL, NYDR, PEHC, BOS, BOSS, IVAS, GOC, LSTV, BBL, BLS, GRU, BOVS, BOVA, VIT, MAK, DIV, ZAP, RIC, TRU, HVA, ZAG, BLK, TEK, KIJ.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PLD, MDVR, FRGS, MORI, BLY, HERR, DUGI, VIR, BZS, GZR, AQU, NVLJ, MIOH, LOT, CEY, SKDS, SOKA, SOKA, OBKA, MYKA, MYKA, SESA, ABTA, MOA, MOA, WTTA, WTTA, WATA.

LJU 23 23:24:12.46, 39N:15.07E, h0km, 1D, Confirmed
Rockburst, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZAVS, ZAVS.

BGR 23 23:25:05.2, 0.5, 40.52N:20.17E, h10km, ML4.3, Error ellipse: s-maj=21.1km s-min=8.9km az=50.0
IDC 23 23:25:06.0, 0.6, 40.94N:19.71E, h0km, mb4.1/17, mbtmp3.9/34, ML3.6/15, MS3.6/34, Error ellipse: s-maj=10.6km s-min=9.5km az=172.0
MOS 23 23:25:06.2, 1.0, 40.91N:19.61E, h10km, mb4.6/10, Error ellipse: s-maj=5.5km s-min=3.5km az=68.6
SKO 23 23:25:09.9, 40.92N:19.72E, h11km, ML4.2, PDG 23 23:25:09.6, 0.8, 41.01N:19.73E, h15km, 1km, ML4.3/4, Error ellipse: s-maj=0.6km s-min=0.6km az=0.0
NEIC 23 23:25:09.2, 2.6, 40.97N:0.03:19.76E, 0.07, h10km, 1km, mb4.4/25, Error ellipse: s-maj=8.9km s-min=5.6km az=86.0

MED_RC 23 23:25:10.0, 41°02'N:19.76E, h20km, Mw4.4, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mn: 3.54e-42; M1: 0.74e-26; M2: 0.00e-27; M3: 1.53e-29; M4: 1.96e-16; M5: 1.35e-28; Fault plane solution: Mw: 2.90000e+15; NP1: 0.3390000e+00; 832.00000e+00; 1.106.00000e+00; NP2: 0.140.00000e+00; 859.00000e+00; 1.80.00000e+00; Principal axes: T: 4.1100, Plg74.0000; Azm24.0000; N: 0.3500, Plg9.0000; Azm145.0000; P: -4.4600, Plg14.0000; Azm237.0000;

THE 23 23:25:10.8, 41°N, 4°2'0E, h1km, 8km, M4, 1/48, MLh4, 1/48
SOF 23 23:25:10.4, 41°04'N:0.04:20.01E:0.05, h1km, 8km, MD4.3/5
PRU 23 23:25:10.8, 40°95'N:19°81'E, h10km, M4.3
ROM 23 23:25:10.0, 0.1, 41°00'N:0.004:19°84'E:0.007, h27km, ML4.0/176, Mw4.2, Error ellipse: s-maj=0.5km s-min=0.4km az=98.0, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; M1: 6.2e-42; M2: 1.6e-28; M3: 1.4e-16; M4: 1.47e-17; M5: 0.81e-28; Fault plane solution: Mw: 2.25164e+15; NP1: 0.124.00000e+00; 880.00000e+00; 1.52.00000e+00; NP2: 0.22.00000e+00; 839.00000e+00; 1.64.00000e+00;

TIR 23 23:25:10.6, 41°04'N:19.91E, h20km, 12km, M13, 8/2
BEO 23 23:25:11.0, 0.3, 40.99N:19.70E, h15km, 4km, ML4.0/21
GFZ 23 23:25:11.3, 0.1, 41°N, 2°2'0E, h10km, M4, 2/34, mb4.5/34

ISC 23 23:25:09.4, 0.8, 40.99N:0.01:19.76E:0.02, h16km, 5km, n772, r1866/872, mb4.4/29, MS3.7/26, 53C-82D, Albania

Main table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations including TIR, VLO, OHR, PPH, KBN, SRN, SAR, KER, POD, IGT, IGO, SKO, JAN, KIP, KZN, TRE, GRG, DBR, VAY, SJS, SJE, THL, TYR, KLI, TSK, BARS, STON, SEL, NYDR, PEHC, BOS, BOSS, IVAS, GOC, LSTV, BBL, BLS, GRU, BOVS, BOVA, VIT, MAK, DIV, ZAP, RIC, TRU, HVA, ZAG, BLK, TEK, KIJ.

Main table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations including KBN, SRN, SAR, KER, POD, IGT, IGO, SKO, JAN, KIP, KZN, TRE, GRG, DBR, VAY, SJS, SJE, THL, TYR, KLI, TSK, BARS, STON, SEL, NYDR, PEHC, BOS, BOSS, IVAS, GOC, LSTV, BBL, BLS, GRU, BOVS, BOVA, VIT, MAK, DIV, ZAP, RIC, TRU, HVA, ZAG, BLK, TEK, KIJ.

Table with columns: Call sign, Name, Frequency, Mode, and other details. Includes entries like BMR Baia Mare, MANT Marnisa, TIRR Tirgusor, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other details. Includes entries like MORC Moravsky Berou, GERES GERESS Array S, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other details. Includes entries like SOC, VSLR Vespyloye, KZIT Kziot, etc.

Table with columns: KST, KasteK, comp, 7.80, 3.2, Pg, Pn, 00 05 01.3+2.1, etc. Includes stations like KST, KLP, KALPA, etc.

Table with columns: SBA, Scott Base, 63.21 185, P, I/Amb, 00 18 22.8+0.5, etc. Includes stations like VNSA, VNSA, VNSA, etc.

Table with columns: TSSA, Tissa, 5.63 129, eP, Pn, 00 17 40.6+0.1, etc. Includes stations like TSSA, TSSA, TSSA, etc.

NOU 24 00:08:34.2, 15:25:3S:177.49W, h409km, mb4.4/9, Fiji Islands Region

NEIC 24 00:08:36.1, 1.4, 15:25:0.1:177.8W:0.1, h400km, 4km, mb4.1/24, Error ellipse: s-maj=17.4km s-min=11.8km az=132.0

IDC 24 00:08:38.5, 1.8, 15:19:5S:178.04W, h421km, 18km, mb3.4/10, mbtmp4.2/12, Error ellipse: s-maj=21.9km s-min=12.9km az=145.0

ISC 24 00:08:35.7, 0.5, 15:17:5S:177.84W:0.09, h400km, n79, e1510/82, mb3.9/2.0, Pc, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, etc. Includes stations like FUTU, FUTU, TAVE, etc.

NNC 24 00:13:14.9, 6.3, 37.79N:71.41E, h0km, mb4.0, mpv3.6, 2C, Error ellipse: s-maj=43.2km s-min=37.0km az=10.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, etc. Includes stations like IUG, IUG, MRKS, etc.

IDC 24 00:16:15.3, 3.6, 36:26N:70:99E, h162km, 30km, mb3.7/16, mbtmp4.2/21, Error ellipse: s-maj=25.9km s-min=17.1km az=167.0

NNC 24 00:16:16.3, 4.3, 36:95N:70:53E, h0km, mb4.6, mpv4.4, Error ellipse: s-maj=34.5km s-min=26.1km az=166.0

NEIC 24 00:16:18.3, 1.8, 3:1, 36:55N:0:05:70:94E:0.09, h174km, 9km, mb4.3/29, Error ellipse: s-maj=10.7km s-min=8.1km az=93.0

ISC 24 00:16:18.2, 0.4, 36:50N:0:04:70:96E:0.05, h188km, n134, e203/155, mb4.2/25, 5C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, etc. Includes stations like KBL, KBL, DRK, etc.

NNC 24 00:16:15.3, 3.6, 36:26N:70:99E, h162km, 30km, mb3.7/16, mbtmp4.2/21, Error ellipse: s-maj=25.9km s-min=17.1km az=167.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, etc. Includes stations like KURK, KURK, EVN, etc.

IDC 24 00:16:15.3, 3.6, 36:26N:70:99E, h162km, 30km, mb3.7/16, mbtmp4.2/21, Error ellipse: s-maj=25.9km s-min=17.1km az=167.0

NNC 24 00:16:16.3, 4.3, 36:95N:70:53E, h0km, mb4.6, mpv4.4, Error ellipse: s-maj=34.5km s-min=26.1km az=166.0

NEIC 24 00:16:18.3, 1.8, 3:1, 36:55N:0:05:70:94E:0.09, h174km, 9km, mb4.3/29, Error ellipse: s-maj=10.7km s-min=8.1km az=93.0

ISC 24 00:16:18.2, 0.4, 36:50N:0:04:70:96E:0.05, h188km, n134, e203/155, mb4.2/25, 5C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, etc. Includes stations like GNI, GNI, ARTI, etc.

24d Oh

Table with columns for code, name, time, date, and various status indicators. Includes entries like MBAR Mbarara, LPA La Plata, MATP Matopo, etc.

2000 SEP

Table with columns for code, name, time, date, and various status indicators. Includes entries like FUR Furstenfeldbrunn, PB05 IROC Station P, LESA Schwarzel, etc.

1250

Table with columns for code, name, time, date, and various status indicators. Includes entries like MODS Modra-Piesok, HSKC Hora Svate Kat, HSKC Hora Svate Kat, etc.

24d 1h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like AB31 Akbulak array, ARTI Arti, CBKs Cedar Bluff, etc.

2020 SEP

Table with columns: NRIK, pmax, pmax, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like BMO Blue Mountains, SHOC Shoshone, PFO Pinyon Flats, etc.

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Table with columns: DAV, DMPH, DMPH, PAlo, TBP, TBP, LLLP, LLLP, LSIP, SNPH, PAGZ, PAGZ, WRA, ASAR, ASAR, MKAR, MKAR, KURBB, KURBB, FINES, FINES, VANDA, VANDA, CFUSG, ISK, IDC, AFAD, MCM, NEIC, GFZ, ISC, Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DAV Davao City-Mains, DMPH Davao City-Mains, PAlo Palo, etc.

KIZT	Kizical	1.87 296	Pn	Pn	01 01 58.9 +0.9
KIZT			AML	AML	
KARG	Kargicak-Mersi	1.89 188	Pn	Pn	01 01 57.6 -0.5
KARG			AML	AML	
TEPK	Tepekoym-MERSIN	1.89 192	Pn	Pn	01 01 57.9 -0.3
ANDR	Andirin	1.90 104	Pn	Pn	01 01 58.7 +0.3
YESI	Yesilovacik-Me	1.90 189	Pn	Pn	01 01 58.0 -0.3
SARI	SarDiz-Kayseri	1.91 179	Pn	Pn	01 01 58.3 -0.3
SARI			AML	AML	
OREN	Orenkoy-Mersin	1.92 194	Pn	Pn	01 01 58.4 -0.2
DELI	KIRIKKALE	1.92 358	P	Sg	01 01 58.6 -0.1
DELI			S	Sg	01 01 58.1 +1.2
DELI			IAML		01 02 35.0
TISA	comp=N,1um,0.5s Tisan-Tersen	1.93 188	Pn	Pn	01 01 58.3 -0.4
TISA			AML	AML	
GOKD	Ankara-Kalecik	2.04 348	S	Sg	01 02 00.3 -0.1
GOKD			S	Sg	01 02 32.9 +2.2
GOKD			IAML		01 02 40.0
LOD	comp=N,3um,0.5s Lodumu	2.06 332	Pn	Pn	01 02 00.9 +0.3
LOD			AML	AML	
HACI	Hacifakilli, Ak	2.10 39	P	Sn	01 02 01.4 +0.2
HACI			S	Sn	01 02 28.6 +0.8
HACI			IAML		01 02 36.0
SUNG	comp=N,1um,1.1s Sungurli	2.12 4	P	Pn	01 02 02.0 +0.6
POLA	Polat-ANKAR	2.18 319	Pn	Pn	01 02 02.4 +0.1
KEPZ	Antalya-Kepez	2.26 239	P	Pb	01 02 05.0 -1.5
CKRK	Yozgat, Cekere	2.30 29	P	Sg	01 02 04.8 +0.9
CKRK			S	Sg	01 02 38.5 -0.5
CKRK			IAML		01 02 41.0
COAL	Corum-Alaca	2.30 19	P	Pb	01 02 06.2 -1.1
COAL			S	Sg	01 02 37.9 -1.1
COAL			IAML		01 02 42.0
ELDT	Eldivan	2.46 349	P	Pg	01 02 11.5 -0.7
YENC	ankr-Yen	2.61 357	P	Pg	01 02 10.7 -1.8
AYAZ	Ayas Klyf, M	2.68 14	Pn	Pn	01 02 10.7 +1.5
GAZ	Gaziantep	2.68 109	P	Pn	01 02 08.6 -0.6
GAZ			S	Sg	01 02 41.4 -0.7
ISP	Isparta	2.78 266	Pn	Pn	01 02 10.5 -0.1
TOKA	Tokat	2.94 40	Pn	Pn	01 02 11.2 -1.5
ILGA	Ilgaz	2.98 355	Pn	Pn	01 02 12.6 -0.8
CSS	Mathiatis	3.16 190	Pn	Pn	01 02 15.2 -0.5
CSS	Mathiatis	3.16 190	Pn	Pn	01 02 14.4 -1.2
CSS	Mathiatis	3.16 190	Pn	Pn	01 02 15.7 0.0
CSS	Mathiatis	3.16 190	Pn	Pn	01 02 15.1 -0.6
MDB	Mudurnu	3.25 318	Pn	Pn	01 02 16.4 -0.6
BORA	Eskisehir	3.32 304	Pn	Pn	01 02 16.8 -1.2
ARPR	Arapgir-MALATY	3.52 72	Pn	Pn	01 02 17.0 -0.7
ELI	Elmalı	4.54 245	Pn	Pn	01 02 22.7 +1.7
SAHE	Sakarya HENDEK	3.71 319	Pn	Pn	01 02 23.8 +0.7
CF64	RAF Akrotiri,	3.75 174	P	Pn	01 02 23.3 -0.1
BZK	Bozkurt	3.88 360	Pn	Pn	01 02 25.5 +1.0
BZK	Bozkurt	3.88 360	Pn	Pn	01 02 25.9 +0.4
BZK			AML	AML	
BEIL	Beino	3.93 153	eP	Pn	01 02 26.4 +0.1
AKAS	Kas	3.98 244	Pn	Pn	01 02 28.2 +1.1
SNOP	Sinop	4.04 13	Pn	Pn	01 02 28.8 +1.1
HWQ	Hawqa	4.09 157	eP	Pn	01 02 28.2 -0.4
TAVA	DENİZLİ Tavas	4.10 263	P	Pn	01 02 27.5 -1.1
MANI	Manisa	4.37 162	Pn	Pn	01 02 30.1 -0.2
BHL	Bhannes	4.37 162	Pn	Pn	01 02 32.4 0.0
YLV	Yalova	4.38 306	Pn	Pn	01 02 31.6 -1.0
YLV			AML	AML	
ZAH	Zahle	4.47 160	eP	Pn	01 02 34.1 +0.3
DQR	Deir Qamar	4.54 164	eP	Pn	01 02 34.6 0.0
KELT	Kelkit	4.56 61	Pn	Pn	01 02 38.3 +3.2
QRWL	Qaraoun	4.71 163	eP	Pn	01 02 37.4 +0.3
RCY	Rachaya	4.80 162	eP	Pn	01 02 37.7 -0.7
SHBL	Chebaa	4.92 163	eP	Pn	01 02 39.9 -0.1
KLYT	Kilyos	4.99 311	Pn	Pn	01 02 39.8 -0.9
KLYT			AML	AML	
NATI	Neve Ativ	5.00 163	P	Sn	01 02 41.3 +0.4
NATI			S	Sn	01 02 39.8 +0.6
KIRY	Kiryat Shomona	5.02 165	P	Sn	01 02 42.4 +1.2
GEM	Giv'at HaEm	5.03 164	P	Sn	01 02 41.6 +0.2
GEM			S	Sn	01 03 04.4 +0.4
IBLS	Balikesir	5.05 290	Pn	Pn	01 02 42.1 +1.1
BAND	Balkesir-Ban	5.14 298	P	Pn	01 02 42.4 -0.4
MMAOB	Mount Meron ar	5.17 167	P	Sn	01 02 43.5 +0.1
MMAOB			S	Sn	01 03 44.6 +1.1
MMAI	Mount Meron ar	5.17 167	P	Sn	01 02 42.8 -0.6
MMAI	18m,0.5s,baz=352,slow=16,SNR=44		Sn	Sn	01 03 42.8 -0.7
BALY	Balya	5.27 290	P	Pn	01 02 46.0 +1.3
BALY			AML	AML	
KSHT	Keshet	5.29 164	Pn	Pn	01 02 46.1 +1.2
KTUT	Trabzon	5.30 55	P	Pb	01 02 58.0 -0.4
BDRM	Kayabasi	5.33 261	P	Pn	01 02 44.9 -0.6
KNHM	Kefar Nahum	5.33 166	Pn	Pn	01 02 46.8 +1.3
KOPT	Kop Dagı	5.40 87	Pn	Pn	01 02 46.2 -0.4
OFRI	Ofer	5.50 172	Pn	Pn	01 02 47.1 +0.6
CTYL	Yalikoy Yolu	5.58 309	Pn	Pn	01 02 47.2 -1.6
CTYL	comp=Z,0.3ncomp=Z,28m,0.8s		AML	AML	
MMLI	Mount Malkishu	5.74 168	P	Pn	01 02 54.1 +3.0
MMLI			P	Pn	01 02 51.8 +0.7
MMLI	Mount Malkishu	5.74 168	P	Pn	01 02 55.4 +0.5
RGMM	Argaman	6.02 168	P	Pn	01 02 59.0 +1.4
YITV	Yitav	6.22 169	P	Pn	01 03 01.2 +3.6
UJAP	Al Uja	6.22 169	P	Pn	01 03 01.2 +3.6
EZN	Ezine	6.25 289	Pn	Pn	01 02 57.7 -0.4
EZN	comp=Z,0.3ncomp=Z,85m,1.2s		AML	AML	
GURO	Guroymak-BITLI	6.31 83	Pn	Pn	01 02 58.7 -0.4
ASF	Jabal al Asfar	6.33 157	Pn	Pn	01 03 00.2 +0.7
ASF			Sn	Sn	01 04 12.3 0.0
ASF	baz=295,slow=23 comp=Z,23m,0.7s		AML	AML	
ASF			AML	AML	
JER	Jerusalem	6.36 171	P	Pn	01 03 00.7 +1.0
ALMO	Almog	6.38 169	Pn	Pn	01 03 00.8 +0.9
YAL	Yalta	6.41 81	eP	Pn	01 03 00.8 +0.6
YAL			pmx	pmx	01 03 07.8
YAL	comp=Z,5.0m,0.5s		ex	x	01 04 18.1
YAL			smax	smax	01 04 26.7
YAL	comp=N,2.0m,0.3s		smax	smax	01 04 26.7
SEV	Sevastopol	6.47 358	eP	Pn	01 03 01.5 +0.4
SEV			pmx	pmx	01 03 02.1
SEV	comp=Z,20m,0.4s		ex	x	01 04 19.6
SEV			smax	smax	01 04 27.0
SEV	comp=N,5.0m,0.5s		smax	smax	01 04 27.0
SEV			smax	smax	01 04 27.0
AMAZ	Amatzia	6.57 173	P	Pn	01 03 03.5 +1.0
AMAZ			S	Sn	01 04 19.0 +1.1
AMAZ	Alushta	6.61 2	ex	x	01 03 02.7
AMAZ			pmx	pmx	01 03 03.5
ALN	comp=N,6.0m,0.5s Alexandroupoli	6.79 297	Pn	Pn	01 03 05.5 0.0
MSBI	Mazada	6.83 170	Pn	Pn	01 03 06.8 +0.7
SUDU	Sudak	6.85 6	eP	Pn	01 03 06.1 -0.2
SUDU			pmx	pmx	01 03 12.4
SUDU	comp=Z,11m,0.5s		ex	x	01 04 28.1
SUDU			smax	smax	01 04 35.2
SUDU	comp=N,11m,0.5s		smax	smax	01 04 35.2
SUDU			smax	smax	01 04 35.2
SIM	Simferopol	6.87 1	eP	Pn	01 03 07.1 +0.5
SIM			pmx	pmx	01 03 08.6
SIM			x	x	01 03 09.0
GHAJ	Ghor Haditha	6.87 169	P	Pn	01 03 08.1 +1.4
GHAJ			Pn	Pn	01 03 07.5 +0.9
FEO	Feodosiya	7.01 8	eP	Pn	01 03 08.4 -0.1
FEO			pmx	pmx	01 03 13.1
FEO	comp=Z,18m,0.4s		ex	x	01 04 34.3
FEO			smax	smax	01 04 38.9

GEVA	Gevas	7.12 85	Pn	Pn	01 03 10.0 -0.1
KZIT	Kziot	7.16 177	P	Pn	01 03 14.8 +4.2
KZIT	comp=Z,91nm,0.9s		P	Pn	01 03 11.0 +0.4
KZIT	Kziot	7.16 177	P	Pn	01 03 10.5 -0.1
DNZZ	Donuzlav2	7.32 355	eP	Pn	01 03 13.3 +0.6
DNZZ	comp=Z,73nm,0.4s		ex	x	01 04 38.6
DNZZ			smax	smax	01 04 49.0
DNZZ	comp=N,5.0m,0.4s		smax	smax	01 04 49.0
TARU	comp=E,3.0m,0.4s Tarzakuk	7.38 352	eP	Pn	01 03 14.1 +0.5
RMNI	Ramon	7.49 175	P	Pn	01 03 16.8 +1.5
EPOS	Posof	7.52 60	P	Pn	01 03 21.5 +5.8
ICOR	Ion Corvin	7.65 324	P	Pn	01 03 17.4 +0.1
HAKT	HAKKARI	7.68 91	P	Pn	01 03 23.9 +5.8
IDI	Anoyia	7.85 252	Pn	Pn	01 03 20.8 +0.6
IDI	comp=Z,2.8m,0.5s,baz=60,slow=19,SNR=5.5		Pn	Pn	01 03 22.4 +2.2
TLBR	Anoyia	7.85 252	P	Pn	01 03 20.6 +0.2
HARR	Harsova	8.04 327	P	Pn	01 03 24.1 +1.5
HRRF	Mount Harif	8.06 174	P	Pn	01 03 23.7 +0.7
HRRF	Mount Harif	8.06 174	P	Pn	01 03 23.6 +0.6
CFR	Caraliu	8.36 330	P	Pn	01 03 28.1 +1.2
EIL	Eilat	8.42 175	P	Pn	01 03 29.7 +1.8
EIL	comp=Z,0.8m,0.3s,baz=345,slow=15,SNR=8.7		AML	AML	
EIL	Eilat	8.42 175	P	Pn	01 03 32.9 +5.0
EIL	comp=Z,28m,0.6s		P	Pn	01 03 28.6 +0.7
EIL	Eilat	8.42 175	P	Pn	01 03 30.0 -0.3
GNI	Garni	8.58 73	Pn	Pn	01 03 35.3 +2.6
KNB	Khabaz	8.77 47	Pn	Pn	01 03 35.3 +2.6
KNB	comp=Z,0.1nm,0.3s,baz=234,slow=9.4,SNR=9.1		AML	AML	
KNB			AML	AML	
KBZ	Kislovodsk	8.79 45	Pn	Pn	01 03 32.8 -0.2
KIV	Kislovodsk	8.79 45	Pn	Pn	01 03 33.7 +0.6
KVAR	Kislovodsk Arr	8.79 45	Pn	Pn	01 03 33.7 +0.6
KVAR	comp=Z,2.2nm,0.9s		Pn	Pn	01 03 32.9 -1.4
PLVB	Pleven	8.89 310	P	Pn	01 03 35.2 -0.6
ISR	Istrita	8.99 324	P	Pn	01 03 35.2 -0.6
ISR	comp=Z,30m,0.9s		Pn	Pn	01 03 40.0 +0.4
VRI	Vrincioia	9.49 327	P	Pn	01 03 43.7 -0.9
VRI	Vrincioia	9.49 327	P	Pn	01 03 44.7 +1.8
PLOR	Plostinia	9.51 327	P	Pn	01 03 45.9 +2.4
MLR	Muntele Rosu	9.55 323	Pn	Pn	01 03 43.9 +0.4
MLR	Muntele Rosu	9.55 323	Pn	Pn	01 03 43.3 -0.2
MLR	comp=Z,6.8m,0.8s		Pn	Pn	01 03 46.7 +1.2
VOIR	Voineasa-Covas	9.70 326	P	Pn	01 03 49.9 +1.0
VOIR			P		

24d 1h

2020 SEP

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SONM, PZH, OPO, HHC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BOSB, LPAZ, LPZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TX31, TPB28, VHRN, etc.

ISC 24 01:01:26.0, 0.6, 0.21S; 19:13W, h0km, mb4.2/18, mbmp4.3/20, ML4.7/2, MS4.1/19, Error ellipse: s-maj=26.4km s-min=14.4km az=134.0...

GERES Geres Array B 56.50 25 P P 01 11 10.2 -0.1
GERES Geres Array B 56.50 25 P P 01 11 10.2 -0.1

Code Station Name Az Az' Phase ID Time Res ISC
ASAR Alice Springs 44.68 259 P P 01 26 08.9 -0.4

ISC 24 01:01:28.3, 0.4, 0.28S; 0.07, 19.03W, 0.07, h13km, n142, o13/19/120, mb4.7/54, MS4.1/17, Central Mid-Atlantic Ridge

ISC 24 01:01:33.4, 0.3, 0.35S; 0.02, 18.96W, 0.02, h18km, 1km, MW4.9/86, Moment Tensor Solution, s30.c34; s86.c118; Duration: 0 Moment tensor: Scale 10^19Nm; Mrr: 0.31±.13; Mth: 1.35±.12; Mtt: -1.04±.11; Mno: 0.40±.28; Mtw: -2.48±.11; Mtr: -1.03±.29; Best double couple: Mx2.96200x10^16 Np1.77.00000, s86.00000, i, -179.00000. NP2: 6s347.00000, s89.00000, i, -22.00000. Principal axes: T: 3.1400, Plg 15.0000, Azm34.0000; N: -0.3580, Plg68.0000, Azm165.0000; P: -2.7840, Plg16.0000; Azm300.0000. N163.0000 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Code Station Name Az Az' Phase ID Time Res ISC
ASAR Alice Springs 44.68 259 P P 01 26 08.9 -0.4

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H10N2, H10N3, H10N1, etc.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BOSA, LPAZ, LPZ, etc.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TX31, TPB28, VHRN, etc.

24d 2h

Table with columns for station name, frequency, power, and other technical details. Includes stations like DMPH Davao City, TBP Tagbilaran, LAPU-LAPU, etc.

2020 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like GENI Genyem, DLV Lat, GUMO Guam, etc.

1256

Table with columns for station name, frequency, power, and other technical details. Includes stations like FITZ Fitzroy Crossi, KMI2 Kuning, KMI2 Kuning, etc.

24d 2h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Canberra, Ballarat, Tooolangi, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like Zalesovo Beam, Ala-Archa, Kurchatov, etc.

1258

Table with columns for station name, frequency, power, and other technical details. Includes stations like Shalim, Al Ashush, Dub, etc.

Table with columns: ILAR, Elision Array, 80.06 26 P, P, 02 38 08.0 +1.0, comp=Z,1.2nm,0.7s,baz=244,slow=5.0,SNR=12

Table with columns: ILGA, ligaz, 86.08 311, Iamb, P, 02 38 38.8 -0.2, comp=Z,3.0nm,1.2s

Table with columns: BRG, Berggiesshubel, 96.63 324 S, S, 02 50 57.0 +8.7, comp=N,300nm,18.9s

IDC 24 02:27:27.6:0.7,9:13N:126:47E,h0km,mb4,7/23, mtbpd4,7/24,MLS:5/1,MS4:5/7, Error ellipse: s-min=19.7km s-min=16.2km az=70

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, BIPH, Bislig, 1.04 194, Op, ISC, P, 02 27 53.7 -0.4

24d 3h

Table with columns: Station Name, Time, Res, ISC. Includes entries for Keskin Array B, Torodi Arr. Bea, and Torodi Arr. Bea.

IDC 24 03:06:15.4-0.8, 33.695S; 176.86W, h0km, mb4.0/6, mbmp4.1/8, ML4.4/2, MS3.6/11, Error ellipse: s-maj=24.6km s-min=18.9km az=83.0

NEIC 24 03:06:17.5-1.2, 33.625S; 0.06-176.87W, 0.1, h10km, mb4.5/11, Error ellipse: s-maj=17.4km s-min=10.9km az=86.0

WEL 24 03:06:25.6-1.2, 34.3S; 12.177W, 1.0, h12km, M5.1/7, mb5.2/2, MLV5.1/7, Mw(mb)4.0/2, Error ellipse: s-maj=18.5km s-min=9.7km az=143.5, confirmed

ISC 24 03:06:16.8-0.6, 33.533S; 0.07-176.73W, 0.08, h10km, n68, s168/64, mb4.3/12, MS3.6/10, South of Kermadec Islands

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists numerous stations including Raoul Island, Warramunga Arr, Alice Springs, etc.

2020 SEP

Table with columns: Station Name, Time, Res, ISC. Includes entries for NORSAR Array B, Keskin Array B, and Keskin Array B.

IDC 24 03:28:45.0-2.0, 18.37S; 177.83W, h590km, mb3.0/6, mbmp4.0/7, Error ellipse: s-maj=41.9km s-min=20.9km az=153.0

NEIC 24 03:28:45.5-1.0, 18.2S; 0.1x177.9W, 0.2, h590km, mb4.0/9, Error ellipse: s-maj=29.7km s-min=10.1km az=115.0

ISC 24 03:28:45.1-0.8, 18.2S; 0.2x177.9W, 0.2, h590km, n20, s6561/24, mb4.0/10, Fiji Islands region

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists numerous stations including Nonsavu, Wether Hill R, Stephens Creek, etc.

1262

Table with columns: Station Name, Time, Res, ISC. Includes entries for Incheonbonnie, Eidsvold, Charters Tower, and Alice Springs.

IDC 24 03:53:15.4-1.4, 18.40N; 71.61W, h18km, 7km, ML2.2, Presumed earthquake

OSPL 24 03:53:15.4-1.4, 18.40N; 71.61W, h18km, 7km, ML2.2, Presumed earthquake

ISC 24 03:53:13.1-1.2, 18.32N; 0.04x71.67W, 0.04, h17km, 9km, n13, s694/22, 8C-3D, Dominican Republic region

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists numerous stations including El Espartillar, Jimani, Neiba UASD, etc.

PATR	El Naranjo	2.00 110	eP	Pn	03 55 52.4 -0.7	PSNO Presa 5 de nov	5.54 108	P	Pn	03 56 41.8 -0.7	RAFA San Farael, Vo	11.66 119	Pn	03 58 04.1 -0.8
PATR	El Naranjo	2.00 110	eS	Sn	03 56 17.7 +0.3	COEG Centro de Oper	5.57 112	P	Sn	03 56 42.5 +0.9	FSCY Frank Sound, G	12.87 72	P	03 58 19.5 -1.5
PATR	El Naranjo	2.00 110	eS	Sn	03 55 52.4 -0.7	COEG		S	Sn	03 57 45.3 +1.1	FSCY		S	04 00 38.7 -3.7
PAVE	Pavencul	2.02 107	eP	Pn	03 56 17.7 +0.3	YAIG Yautepec	5.57 304	eP	Sn	03 56 43.1 +1.7	PIRO Carate, Puerto	12.90 124	Pn	03 58 22.2 +0.8
PAVE	Pavencul	2.02 107	eS	Sn	03 55 53.6 +0.1	YAIG		eS	Sn	03 57 43.6 -0.7	BRU2 Volcan	13.21 121	Pn	03 58 26.1 +0.4
PAVE	Pavencul	2.02 107	eS	Sn	03 55 53.6 +0.1	YAIG	5.57 304	eS	Sn	03 57 43.6 -0.7	BRU2	comp=2.35nm,0.8s	Pn	03 58 27.8 +2.1
THIG		2.05 116	eP	Pn	03 56 18.1 0.0	TECO Yautepec	5.57 304	eS	Sn	03 56 47.5 +1.4	833A Chaparral WMA,	13.35 347	Pn	03 58 27.6 +1.5
THIG		2.05 116	eS	Sn	03 55 53.2 -0.4	TECO		S	Sn	03 57 48.5 +1.4	HONDO Hondo	14.44 342	P	03 58 42.1 +0.5
THIG		2.05 116	eS	Sn	03 56 16.2 -2.2	PLIG Platanillo	5.70 297	eS	Sn	03 56 45.5 +2.1	JUNCTION City	14.48 342	P	03 58 57.5 -0.5
THIG		2.05 116	eS	Sn	03 55 53.2 -0.4	PLIG		eS	Sn	03 57 46.5 -1.1	JCT	comp=2.15nm,0.8s	IAMB	03 59 24.8
THIG		2.05 116	eP	Pn	03 55 53.3 -0.4	PLIG	5.70 297	eS	Sn	03 57 46.5 -1.1	SAND Sanderson	15.86 334	P	03 59 01.9 -0.2
THIG		2.05 116	eS	Sn	03 56 17.4 -1.0	PLIG		eS	Sn	03 56 44.0 +0.4	BRDY Brady	16.02 345	IAMB	03 59 16.6
THIG		2.05 116	eS	Sn	03 56 24.5	MPVM San Francisco	5.71 307	eP	Sn	03 57 49.4 +1.4	TXAR	comp=2.15nm,0.7s	P	03 59 04.3 +0.1
CHJU	Union Juarez	2.12 109	eP	Pn	03 55 54.3 -0.4	MPVM San Francisco	5.71 307	eP	Sn	03 56 44.0 +0.4	TXAR	comp=2.3.6nm,0.7s,baz=148,slow=13,SNR=50	P	03 59 03.1 +0.9
CHJU	Union Juarez	2.12 109	eS	Sn	03 55 20.8 +0.4	THVM De Xico	5.75 308	eP	Sn	03 57 49.4 +1.4	TXAR	comp=2.3.6nm,0.7s,baz=148,slow=13,SNR=50	P	03 59 07.8 +0.5
SMCA	Catarina	2.24 115	eP	Pn	03 55 55.6 -0.6	THVM De Xico	5.75 308	eP	Sn	03 56 45.6 +1.4	TX31 Lajitas Ar. Si	16.05 329	P	03 59 02.6 +0.2
NEUV	Arroyo Zacate	2.45 321	eP	Sn	03 55 58.4 -0.6	THVM De Xico	5.75 308	eP	Sn	03 57 45.1 -3.8	OZNA Ozona	16.33 338	P	03 59 07.8 +0.5
NEUV	Arroyo Zacate	2.45 321	eS	Sn	03 56 26.2 -1.8	THVM De Xico	5.75 308	eP	Sn	03 56 45.6 +1.4				03 59 10.2
NEUV	Arroyo Zacate	2.45 321	eS	Sn	03 57 58.2 -1.8	THVM De Xico	5.75 308	eP	Sn	03 57 45.1 -3.8				03 59 10.2
HUEH	Huehuetenango	2.62 100	eP	Pn	03 56 01.6 +0.1	XCHV Xochimilco	5.83 307	eS	Sn	03 57 48.6 -2.2	FW13 Cleburne	16.73 350	IAMB	03 59 25.9
HUEH	Huehuetenango	2.62 100	eS	Sn	03 56 33.5 +1.0	XCHV Xochimilco	5.83 307	eS	Sn	03 57 48.6 -2.2	ALPN Alpine	comp=2.23nm,1.2s	IAMB	03 59 21.4
HUEH	Huehuetenango	2.62 100	eS	Sn	03 56 33.5 +1.0	TLVM San Miguel Top	5.83 306	eS	Sn	03 56 43.6 -1.7	SGCV Sterling City	17.23 340	IAMB	03 59 20.5
HUEH	Huehuetenango	2.62 100	eS	Sn	03 56 02.2 +0.6	TLVM San Miguel Top	5.83 306	eS	Sn	03 57 46.8 -4.2	LPIG La Paz	17.25 301	LR	04 05 25.2
HUEH	Huehuetenango	2.62 100	eP	Pn	03 56 02.2 +0.6	TLVM San Miguel Top	5.83 306	eS	Sn	03 56 48.6 +2.5	LPIG	comp=2.20nm,0.8s	LR	04 05 25.2
RTAL	Retalhuleu	2.72 118	eP	Pn	03 56 02.7 +0.1	VTVM Tizayuca	5.89 313	eP	Sn	03 56 48.6 +2.5	MNHN Monahans	17.33 335	IAMB	03 59 19.3 +0.9
RTAL	Retalhuleu	2.72 118	eS	Sn	03 56 33.3 -1.2	VTVM Tizayuca	5.89 313	eP	Sn	03 56 48.6 +2.5	MNHN	comp=2.26nm,0.9s	IAMB	03 59 25.2
RTAL	Retalhuleu	2.72 118	eS	Sn	03 56 02.8 +0.2	PBVM Pinon	5.91 308	eS	Sn	03 57 47.6 -4.9	PLPT Palo Pinto	17.34 348	P	03 59 18.5 +0.1
RTAL	Retalhuleu	2.72 118	eS	Sn	03 56 03.4 +0.8	PBVM Pinon	5.91 308	eS	Sn	03 57 47.6 -4.9	PLPT	comp=2.15nm,0.8s	IAMB	03 59 36.2
RTAL	Retalhuleu	2.72 118	eS	Sn	03 56 35.1 +0.5	ALNC Alcalda de J	5.96 114	P	Sn	03 57 49.7 +0.7	TMB01 Midkiff	17.35 337	P	03 59 18.2 -0.1
OXLC	Oaxaca	2.73 298	eP	Pn	03 56 34.5 -0.5	ALNC Alcalda de J	5.96 114	P	Sn	03 57 54.8 +1.0	Z41A Richland Creek	17.41 4	IAMB	04 00 03.9
OXLC	Oaxaca	2.73 298	eS	Sn	03 56 01.9 -1.1	CTVM Cuauhtemoc	5.97 308	eS	Sn	03 57 54.7 +0.3	TPB01 Bryant Ranch,	17.42 331	P	03 59 19.6 0.0
OXLC	Oaxaca	2.73 298	eS	Sn	03 56 34.5 -0.5	CTVM Cuauhtemoc	5.97 308	eS	Sn	03 56 46.6 -0.4	229A Bryant Ranch,	17.57 338	IAMB	03 59 47.9
OXBJ	Oaxaca	2.75 297	eP	Pn	03 56 03.8 +0.6	CAIG El Cayaco	5.97 283	eP	Sn	03 56 46.6 -0.4	352A Blakely	17.73 27	P	03 59 22.4 -0.4
OXBJ	Oaxaca	2.75 297	eS	Sn	03 56 38.3 +2.8	CAIG El Cayaco	5.97 283	eP	Sn	03 57 49.7 -4.3	VDRN Vicksburg Horn	17.89 328	P	03 59 24.6 0.0
OXBJ	Oaxaca	2.75 297	eS	Sn	03 56 04.2 +0.9	MHVM Bosque de Chap	5.99 307	eS	Sn	03 57 56.5 +1.8	OHSA Odessa	17.93 336	IAMB	03 59 53.1
OXIG	Oaxaca	2.76 297	eP	Pn	03 56 34.4 -1.3	MHVM Bosque de Chap	5.99 307	eS	Sn	03 57 56.5 +1.8	129A Stewart Farms,	18.14 339	P	03 59 27.6 +0.3
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 04.2 +0.9	PTVM Pico Tres Padr	6.02 309	eP	Sn	03 56 48.3 +0.4	Z47A Carrollton	18.17 17	IAMB	04 00 00.7
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 04.2 +0.9	PTVM Pico Tres Padr	6.02 309	eP	Sn	03 57 57.6 +2.0	APMT Aspermont	18.25 344	IAMB	03 59 28.1 -0.4
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 38.2 0.0	APVM Azcapotzalco	6.03 308	eS	Sn	03 57 57.4 +1.6				03 59 57.0
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 02.6 -2.1	APVM Azcapotzalco	6.03 308	eS	Sn	03 56 46.3 -2.1	SN07 Snyder 07	18.25 342	IAMB	03 59 40.0
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 02.6 -2.1	INVM La Marquesa	6.05 306	eP	Sn	03 57 54.9 -1.6	LRAL Lakeview Retre	18.34 19	P	03 59 30.0 -0.2
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 56 51.0 +1.9	128A Castleberry Fa	18.36 337	P	03 59 29.6 -0.1
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 56 51.7 +1.9	TPB28	18.38 331	P	03 59 30.8 0.0
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 57 59.7 +0.7	TPB28	comp=2.4.8nm,0.6s	IAMB	03 59 38.3
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 56 50.0 +3.5	GTBY Guantanamo Bay	18.60 74	P	03 59 30.5 -1.8
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 58 02.5 +0.5	MIAR Mount Ida	18.66 2	P	03 59 32.5 -0.4
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 58 02.5 +0.5	MIAR	comp=2.59nm,1.5s	IAMB	03 59 52.6
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 58 02.5 +0.5	MIAR	comp=2.24nm,1.3s	P	03 59 33.8 -0.3
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 58 07.5 +2.1	DKNS Dickens	18.66 2	P	03 59 33.8 -0.3
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 58 07.5 +2.1	DKNS	comp=2.6nm,0.9s	IAMB	03 59 49.7
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 58 07.5 +2.1	DKNS	comp=2.6nm,0.9s	IAMB	03 59 49.7
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 58 07.5 +2.1	DKNS	comp=2.6nm,0.9s	IAMB	03 59 49.7
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 58 07.5 +2.1	DKNS	comp=2.6nm,0.9s	IAMB	03 59 49.7
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 58 07.5 +2.1	DKNS	comp=2.6nm,0.9s	IAMB	03 59 49.7
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 58 07.5 +2.1	DKNS	comp=2.6nm,0.9s	IAMB	03 59 49.7
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 58 07.5 +2.1	DKNS	comp=2.6nm,0.9s	IAMB	03 59 49.7
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 58 07.5 +2.1	DKNS	comp=2.6nm,0.9s	IAMB	03 59 49.7
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 58 07.5 +2.1	DKNS	comp=2.6nm,0.9s	IAMB	03 59 49.7
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 58 07.5 +2.1	DKNS	comp=2.6nm,0.9s	IAMB	03 59 49.7
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 58 07.5 +2.1	DKNS	comp=2.6nm,0.9s	IAMB	03 59 49.7
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 58 07.5 +2.1	DKNS	comp=2.6nm,0.9s	IAMB	03 59 49.7
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 58 07.5 +2.1	DKNS	comp=2.6nm,0.9s	IAMB	03 59 49.7
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 58 07.5 +2.1	DKNS	comp=2.6nm,0.9s	IAMB	03 59 49.7
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 58 07.5 +2.1	DKNS	comp=2.6nm,0.9s	IAMB	03 59 49.7
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 58 07.5 +2.1	DKNS	comp=2.6nm,0.9s	IAMB	03 59 49.7
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 58 07.5 +2.1	DKNS	comp=2.6nm,0.9s	IAMB	03 59 49.7
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 58 07.5 +2.1	DKNS	comp=2.6nm,0.9s	IAMB	03 59 49.7
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 58 07.5 +2.1	DKNS	comp=2.6nm,0.9s	IAMB	03 59 49.7
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 58 07.5 +2.1	DKNS	comp=2.6nm,0.9s	IAMB	03 59 49.7
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 58 07.5 +2.1	DKNS	comp=2.6nm,0.9s	IAMB	03 59 49.7
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 58 07.5 +2.1	DKNS	comp=2.6nm,0.9s	IAMB	03 59 49.7
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 58 07.5 +2.1	DKNS	comp=2.6nm,0.9s	IAMB	03 59 49.7
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 58 07.5 +2.1	DKNS	comp=2.6nm,0.9s	IAMB	03 59 49.7
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 58 07.5 +2.1	DKNS	comp=2.6nm,0.9s	IAMB	03 59 49.7
OXIG	Oaxaca	2.76 297	eS	Sn	03 56 03.1 -1.5	INVM La Marquesa	6.05 306	eP	Sn	03 58 07.5 +2.1	DKNS	comp=2.6nm		

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like WDD, BDRM, DALB, TEKS, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like CONA, VYHS, VYHNE, KBA, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BRG, RNPP, AK07, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like FINES, FINESS, FIA1, EKA, ESK, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PZH, XAN, CMAR, SEY, YKA, KLR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BORS2, TEKS, MDVR, etc.

TAP 24 05:33:13.6, 24:34N:122:08E, h47km, ML3.7, C JMA 24 05:33:14.0, 0.1, 24:22N:0.6:122:0E:0.4, h44km, 2km, MV2/9/12, TAIWAN REGION

Table with columns for Code, Station Name, Frequency, Power, and other technical details. Includes stations like E0S2, E0S3, E0S4, etc.

24d 6h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Yuli, Yuchr, Liyutan, Xinyi Township, Chenggong, etc.

SJA 24 05:36:37.0-0.8, 32.93S; 72.16W, h12km, 3km, ML3.5, MW3.7

GUC 24 05:36:39.3-0.9, 32.84S; 72.04W, h24km, 16km, ML3.6

ISC 24 05:36:35.1-1.4, 32.78S; 02.72-13W, 0.05, h9km, 9km, n41, c0999/82, 9D, Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Torpederas, El Roble, Curacav, Santo Domingo, Los Peladeros, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Ro Olivares, San Alfonso, Combarbal, Las Melosas, etc.

CATAC 24 06:18:58.4-0.4, 13°N; 2°8'9"W, h31km, 2km, M2.9/24, ML2.9/24, Error ellipse: s-maj=5.7km s-min=3.0km

SNET 24 06:18:58.9-1.3, 13°11'N; 89°20'W, h62km, ML2.8, Presumed earthquake

GCG 24 06:18:59.4-0.9, 13°15'N; 89°25'W, h57km, 11km, MD3.7, Presumed earthquake

ISC 24 06:18:59.0-1.9, 13.04N; 0°09'89.26W; 0.04, h51km, 13km, n42, c0507/2, El Salvador

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Alcalda de L, PANCs, LOMA, etc.

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mbtmp4.0/10, MS2.7/3, Error ellipse: s-maj=34.4km s-min=17.1km az=104.0

ISC 24 06:42:22.1-0.9, 4.45S; 0.1-153.7E; 0.1, h100km, n16, c103/14, mb3.7/9, New Ireland region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Keravat, Port Moresby, Warramunga Arr, etc.

TEH 24 06:43:27.3, 30°38'N; 57°43'E, h6km, 40km, ML4.0, Presumed earthquake, Northern and central Iran

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Kerman Provinc, Cheshme madani, Koh Gabri, etc.

IDC 24 06:58:16.7-60.0, 39°09'N; 17°00'E, h0km, mb3.7/3, mbtmp3.8/3, MS2.7/2, Error ellipse: s-maj=1132.0km

TIR 24 06:58:38.8, 40°55'N; 19°65'E, h31km, 1km, MD2.8, M3.7/5, THE 24 06:58:40.2, 41°N; 2°2'0"E, h0km, 3km, M3.2/8

BEO 24 06:58:40.2-0.6, 40°54'N; 19°51'E, h23km, 1km, ML2.9/11, ISC 24 06:58:39.3-1.0, 40°60'N; 02°19'61E; 0.02, h14km, 7km, n69, c106/104, mb3.7/3, Albania

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Vlor, Sarande, Korca, etc.

IDC 24 06:42:24.2-2.8, 4.41S; 153°55'E, h116km, 21km, mb3.6/9

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Ampelaki, Klokotos Trika, Griva, Tyrnos, etc.

OSPL 24 07:14:06.4±1.4, 18.49N;71.74W, h5km, 80km, ML1.7, Presumed earthquake

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like El Espartillar, Jimani, Aguacate, B, etc.

IDC 24 07:32:14.8±2.2, 63.91N;28.60E, h0km, mbtpp3.1/4, ML2.2/4, Error ellipse: s-maj=31.0km s-min=13.3km az=105.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Nilsia, Romuvaara, Sumiainen, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Syolatti, Pyha, Maaselka, etc.

CATAC 24 07:56:32.0±0.6, 11°N;3°8'W; h13km, 5km, M3.4/2.4, MLV3.4/2.4, Error ellipse: s-maj=6.8km s-min=4.7km az=34.7, confirmed

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Liberia Airpor, La Cruz, Juan Diaz, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Yayladag, Hatay/Reyhani, Karatas, etc.

CATAC 24 08:06:58.3±0.7, 14°N;5°9'W; h18km, 4km, M2.7/1.2, MLV2.7/1.2, Error ellipse: s-maj=10.4km s-min=3.4km az=15.9, confirmed

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Yecopaca, Chim, FAME, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PPCU Popocatepetl, PPM Popocatepetl, PPG Popocatepetl, etc.

IDC 24 09:05:55.1±0.9,23.41S±175.78W,h0km,mB4.0/7, mbtmp4.0/9,ML3.7/2,MS3.4/4, Error ellipse: s-maj=33.2km s-min=20.7km az=139.0

NEIC 24 09:05:55.2±2.7,23.16S±175.49W,0.0h,10h0km,1km, mB4.5/9, Error ellipse: s-maj=16.6km s-min=7.0km az=223.0

ISC 24 09:06:00.4±0.8,23.3S±175.9W,0.1,h33km,n31, a123/20,mB4.3/11, Tonga Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NIUE Nue, MSVF Nonsava, MSFV Nonsava, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PETK Petropavlovsk, NVAR Mina Array Bea, H03S2 Juan Fernandez, etc.

NOU 24 09:28:00.7,41.14S±175.62E,h34km,MLv4.0/22, North Island, New Zealand

WEL 24 09:28:01.2±0.3,41.1S±175.6E,1,h33km,3km,M3.6/19, ML3.6/19,MLv3.6/19, Error ellipse: s-maj=4.0km s-min=2.4km az=131.0, confirmed

ISC 24 09:28:02.0±1.0,41.11S±175.51E±0.02,h34km±2km, n95, a192/123, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MTW Mount Morrison, WCRS Masterton Wair, TMWZ Te Maipa, etc.

WEL Wellington, WEL Wellington, WEL Wellington, WEL Wellington

SNZO South Karori, SNZO South Karori, POWZ Post Office Ro, POWZ Post Office Ro

DVHZ Dannevirke, DVHZ Dannevirke, DVHZ Dannevirke, DVHZ Dannevirke

ANWZ Angora Road, ANWZ Angora Road, ANWZ Angora Road, ANWZ Angora Road

OHWZ Ohakea, OHWZ Ohakea, OHWZ Ohakea, OHWZ Ohakea

TCW Tory Channel, TCW Tory Channel, TCW Tory Channel, TCW Tory Channel

PRHZ Porangahau, PRHZ Porangahau, PRHZ Porangahau, PRHZ Porangahau

WPHZ Waipukurua, WPHZ Waipukurua, WPHZ Waipukurua, WPHZ Waipukurua

DUVZ D'Urville Isla, DUVZ D'Urville Isla, DUVZ D'Urville Isla, DUVZ D'Urville Isla

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MNEZ McNeill Hill, LREZ Lake Rotokare, COVZ Chateau Observ, etc.

IDC 24 09:28:43.2±3.1,33.52S±178.70W,h0km,mB3.6/2, mbtmp3.7/3,ML3.9/1, Error ellipse: s-maj=72.8km s-min=37.4km az=118.0, South of Kermadec Islands

URZ Urewera, URZ Urewera, URZ Urewera, URZ Urewera

ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs

WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr

KSHZ Kashi, KSHZ Kashi, KSHZ Kashi, KSHZ Kashi

FINES FINESS Array B, FINES FINESS Array B, FINES FINESS Array B, FINES FINESS Array B

WEL 24 09:30:58.6±2.0,35.5S±180.4E±3,h321km,37km, M3.8/9,MLv3.8/9, Error ellipse: s-maj=70.1km s-min=37.4km az=135.3, confirmed, South of Kermadec Islands

HAZ Te Kaha, HAZ Te Kaha, HAZ Te Kaha, HAZ Te Kaha

PKGZ Pakihiroa, PKGZ Pakihiroa, PKGZ Pakihiroa, PKGZ Pakihiroa

PKGZ Puketiti, PKGZ Puketiti, PKGZ Puketiti, PKGZ Puketiti

RUGZ Raukumara Rang, RUGZ Raukumara Rang, RUGZ Raukumara Rang, RUGZ Raukumara Rang

MWZ Matawai, MWZ Matawai, MWZ Matawai, MWZ Matawai

URZ Urewera, URZ Urewera, URZ Urewera, URZ Urewera

MUGZ Murupara, MUGZ Murupara, MUGZ Murupara, MUGZ Murupara

MUGZ Paritu Road, MUGZ Paritu Road, MUGZ Paritu Road, MUGZ Paritu Road

KNZ Kokohu, KNZ Kokohu, KNZ Kokohu, KNZ Kokohu

MHGZ Mahia Peninsula, MHGZ Mahia Peninsula, MHGZ Mahia Peninsula, MHGZ Mahia Peninsula

24d 12h

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ODEU Stanfors, HUSU Husum, BRED Bredtraesk, etc.

IDC 24 11:53:34.6±0.8, 27.28°N; 140.14°E, h340km, 8km, mb3.3/11, mbtmp4.0/11, Error ellipse: s-maj=21.5km s-min=14.9km

JMA 24 11:53:38.2±0.2, 28°N; 131.14°E, h392km, MV4.4/16, NEAR CHICHIJIMA ISLAND

ISC 24 11:53:35.9±0.8, 27.31°N; 08.140°E; 0.1, h350km, n20, c176/24, mb3.7/11, Bonin Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Code Chichi jima, Code Chichijima, Code Boso 1, etc.

AUST 24 11:54:28.0±0.3, 13°S; 3°13'13"E, h2km±1km, ML2.6/6, ML4.4/1, MLV4.4/1, Error ellipse: s-maj=6.4km

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Code Manton Dam, Code Darwin Rock St, Code Darwin Parliam, etc.

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comp=Z,3.3nm,1.9s
CATAC 24 12:18:53.4±0.5, 13°N; 2°x'9"OWE, h7km±3km, M4.0/25, MLV4.0/25, Error ellipse: s-maj=6.1km s-min=4.4km

GCG 24 12:18:54.6±1.3, 12.74°N; 90.18°W, h17km±8km, MD4.5, Presumed earthquake

SNET 24 12:18:58.0±4.0, 12.80°N; 90.02°W, h14km, ML3.7, Presumed earthquake

ISC 24 12:18:53.3±2.2, 12.73°N; 0.07°W; 90.13°W; 0.06, h2km±10km, n41, c073/64, 7C-4D, Off coast of central America

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Code LALI, Code FAME, Code JAYA, etc.

DJA 24 12:22:18.2±0.5, 5°N; 5°9'6"E, h107km±4km, M3.7/13, mb4.7/1, mb4.2/1, MLV3.5/13, Mw(mb)3.9/1

IDC 24 12:22:23.5±1.3, 0.478°N; 95.52°E, h193km±116km, mb3.1/7, mbtmp3.6/8, Error ellipse: s-maj=128.4km s-min=16.6km

ISC 24 12:22:16.8±0.8, 4.97°N; 0.08°E; 95.90°E; 0.09, h100km, n27, c261/19, mb3.4/7, Northern Sumatara

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Code BSI, Code Meulaboh, Code Khatocane, etc.

SJA 24 12:26:00.4±0.9, 32.84°S; 71.86°W, h31km±3km, ML3.3, MW3.6

GUC 24 12:26:01.5±0.9, 32.83°S; 71.72°W, h30km±2km, ML3.3

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Code VA01, Code MT02, Code VA05, etc.

24d 14h

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like CID E, HARR, KKB, AFSR, etc.

2020 SEP

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like KIRV, NOA, AKTO, etc.

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Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like HOPEN, BEAR, DBG, etc.

BGSI 24 13:56:28.2±2.4, 21°26'S;25°28'E, h0km±12km, ML2.4, Presumed earthquake

BUL 24 13:56:39.5±1.6, 21°69'S;25°82'E, h37km±25km, MD3.3, Presumed earthquake

ISC 24 13:56:26.7±1.5, 21°23'S;0°04'25.25'E;0.06, h11km±10km, n14, c1983/24, Botswana

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KHWE, SOOWA, BROLN, etc.

NAO 24 14:09:36.3±2.5, 79°64'N;3°59'E, h10km, ML3.3

BER 24 14:09:39.5±2.2, 79°48'N;3°47'E, h10km, Mw3.8, ML3.3(NAO), Confirmed Earthquake

KOLA 24 14:09:40.4, 79°65'N;5°31'E, h0km, ML2.4, Greenland sea, Knipovich ridge, north

FCIAR 24 14:09:42.0, 79°71'N;6°49'E, h10km, station OMEGA has station magnitude of 4.20 station ZF12 has station

ISC 24 14:09:37.9±1.7, 79°31'N;0°2'33.1'E;0.05, h10km, n25, c2505/39, Greenland Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BRBB, SPAO, etc.

IDC 24 14:12:36.1±5.5, 36°36'N;71°06'E, h167km±45km, mb3.5/8, mbmp4.0/13, MS3.5/3, Error ellipse: s-maj=±42.2km

NNC 24 14:12:38.3±5.0, 36°39'N;70°45'E, h0km, mb4.3, mpv4.0, Error ellipse: s-maj=±40.1km s-min=±30.1km az=168.0

ISC 24 14:12:39.6±1.1, 36°35'N;71°07'E, h188km, n26, c151/28, mb3.8/7, 3C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like EKS2, KK31, AAK, etc.

24d 15h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Matsuhiro Arr, GSI Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like EARA Aranguren, SJPF Ste Jean, EALK Alkurruntz, etc.

2020 SEP

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like EALK Etsaut, ETSF Etsf, ETSF Etsf, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like EARA Aranguren, SJPF Ste Jean, EALK Alkurruntz, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NVAR Mina Array Sit, NV11 Mina Array Sit, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BARC Barichara, BRUC Barrancabermej, etc.

Main table containing station names, coordinates, and various data points. Includes sub-sections for BUJ, NEIC, AIEIC, and ISC stations.

24d 18h

Table with columns for station name, elevation, and various parameters. Includes stations like GEML, ATIT, Gnen, Gebze-Kocaeli, etc.

2020 SEP

Table with columns for station name, elevation, and various parameters. Includes stations like VOIR, PLOI, VRI, VRO, etc.

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Table with columns for station name, elevation, and various parameters. Includes stations like KRIK, Erzurum-spir, 1.47 332, etc.

KNK				Sb	18 24 28.1	-1.1
PS11	TAPS Pump St11	2.10 131		Pb	18 24 03.0	-0.5
I21K	Tanana	18 24 01.9	+0.2	Pb	18 24 34.3	
I21K	comp=E,1µm,0.7s			IAML		
I21K				IAML	18 24 34.7	
SUA	comp=N,1µm,0.6s					
SUA	Susitna One	2.21 204		Pn	18 24 02.6	+0.4
SUA	comp=E,2µm,0.7s			IAML	18 24 03.8	-1.7
SUA				IAML	18 24 37.5	
SCRK	Sand Creek	2.23 75		Pn	18 24 02.6	+0.2
SCRK	comp=E,1µm,0.5s			IAML	18 24 36.3	
K20K	Telida	2.35 269		Pn	18 24 03.7	-0.3
K20K	comp=E,2µm,0.6s			IAML	18 24 41.1	
K20K				IAML	18 24 46.2	
H23K	Yukon River	2.37 353		Pb	18 24 05.2	+0.8
MENT	Mentasta	2.39 101		P	18 24 06.9	-1.7
MENT	Mentasta	2.39 101		S	18 24 39.2	+1.1
H24K	Noodor Dome	2.40 10		Pb	18 24 05.3	+0.6
H24K	comp=E,2µm,0.7s			IAML	18 24 40.9	
H24K				IAML	18 24 40.9	
PS06	TAPS Pump Stn6	2.41 351		Pn	18 24 05.6	+0.8
KLU	Klutina	2.42 144		Pn	18 24 05.9	+0.9
KLU	Klutina	2.42 144		IAML	18 24 42.6	
KLU	comp=N,2µm,0.4s			IAML	18 24 42.8	
STLK	Strandline Lak	2.42 216		Pn	18 24 06.0	+1.0
RC01	Rabbit Creek A	2.44 190		Pn	18 24 05.9	+1.7
J20K	Nowinta River	2.44 289		IAML	18 24 05.2	-0.2
J20K	comp=E,924nm,0.4s			IAML	18 24 50.2	
PRP	Porcupine Dome	2.50 34		Pn	18 24 06.5	+0.3
L20K	Farewell, AK	2.50 249		Pn	18 24 06.7	+0.5
L20K	comp=E,2µm,0.6s			IAML	18 24 54.2	
M20K	Styx River	2.54 233		Pn	18 24 07.7	+1.0
M20K	comp=E,885nm,0.7s			IAML	18 24 51.0	
PS12	TAPS Pump St12	2.65 138		Pb	18 24 10.9	-2.1
VMT	TAPS TI Valdez	2.67 153		Pn	18 24 10.3	+1.9
SPCP	Crater Peak Br	2.70 216		Pn	18 24 10.4	+1.4
SPBG	Spurr Blockage	2.77 218		Pn	18 24 11.4	+1.6
DIV	Divide	2.77 147		IAML	18 24 54.1	
DIV	comp=N,984nm,0.7s			IAML	18 25 04.8	
H21K	Melozitna Rive	2.77 324		IAML	18 24 52.2	
I20K	Naaghedenesai	2.79 301		Pn	18 24 10.3	+0.2
M26K	Nabesna, AK	2.89 109		IAML	18 24 58.4	
M26K	Nabesna, AK	2.89 109		Pb	18 24 13.5	+2.0
M26K	FID	2.96 157		Pb	18 24 14.1	-3.0
M19K	Port Fidalgo	3.00 241		Pn	18 25 00.7	
M19K	comp=N,674nm,0.7s			Pn	18 24 14.1	+1.1
M19K	Big River Lodg	3.00 241		IAML	18 24 14.6	+1.6
M19K	comp=N,646nm,0.5s			IAML	18 25 03.0	
M19K				IAML	18 25 11.8	
O22K	Cooper Landing	3.04 188		Pn	18 24 15.5	+2.0
L19K	White Mountain	3.04 247		IAML	18 24 14.9	+1.3
L19K	comp=E,688nm,0.8s			IAML	18 25 06.5	
L19K				IAML	18 25 15.2	
J19K	Poorman	3.05 283		Pn	18 24 13.5	-0.1
J19K	comp=N,699nm,1.0s			IAML	18 25 07.0	
J19K				IAML	18 25 08.3	
SLKM	Skilak Lake	3.05 193		Pn	18 24 16.0	+2.2
SLKM	comp=E,1µm,0.8s			IAML	18 25 06.1	
SLKM				IAML	18 25 06.9	
K27K	Chicken	3.06 77		Pn	18 24 14.8	+0.7
K27K	comp=N,659nm,0.7s			IAML	18 25 06.0	
I26K	Coal Creek Min	3.08 51		Pn	18 24 14.8	+0.7
I26K	comp=E,945nm,0.7s			IAML	18 25 11.2	
H25L	Birch Creek	3.08 24		Pn	18 24 15.1	+1.0
GLB	Gilahina Butte	3.11 129		IAML	18 24 17.3	+2.7
GLB				IAML	18 25 08.2	
L27K	Beaver Creek	3.21 94		Pn	18 24 16.3	+0.5
L27K	comp=N,458nm,1.0s			IAML	18 25 09.3	
BMRM	Bremner River	3.21 140		IAML	18 25 13.4	
BMRM	comp=N,671nm,1.0s			IAML	18 25 18.7	
BC03		3.23 94		Pn	18 24 16.9	+0.9
BC03	Beaver Creek A	3.23 94		Pn	18 24 17.0	+1.0
IMAR	Indian Mtn	3.27 322		P	18 24 16.7	+0.6
EYAK	Cordova Ski Ar	3.29 152		P	18 24 19.3	+2.4
EYAK	Cordova Ski Ar	3.29 152		S	18 25 00.7	-3.1
EYAK	Cordova Ski Ar	3.29 152		IAML	18 24 19.2	+2.4
EYAK	comp=E,647nm,0.7s			IAML	18 25 08.3	
HIN	Hinchinbrook I	3.29 159		Pn	18 24 12.3	
HIN	Hinchinbrook I	3.29 159		Pn	18 24 19.0	+2.0
RDT	Redoubt	3.36 211		Pn	18 24 19.8	+1.8
M27K	Edge Creek, AK	3.39 106		IAML	18 25 16.7	
M27K	comp=N,825nm,1.0s			IAML	18 25 16.8	
VRDI	Verde Rtepen	3.39 129		Pn	18 24 21.3	+2.9
SEW	Seward	3.40 185		Pn	18 24 15.6	+3.1
SEW	comp=E,414nm,1.0s			IAML	18 25 14.3	
DFR	Drift River	3.42 214		Pn	18 24 20.2	+1.4
PS05	TAPS Pump Stn5	3.43 348		IAML	18 24 20.1	+1.3
MCARA	McCarthy VSAT	3.44 125		IAML	18 25 13.8	
MCARA	comp=N,629nm,0.9s			IAML	18 25 22.3	
FYU	Fort Yukon	3.46 25		Pn	18 24 19.9	+0.7
FYU	comp=E,588nm,0.8s			IAML	18 25 14.2	
FYU				IAML	18 25 26.9	
GOAT	Goat Mountain	3.50 144		Pn	18 24 21.7	+1.8
J18K	Innoko River	3.52 273		Pn	18 24 20.1	0.0
J18K	Innoko River	3.52 273		IAML	18 25 24.9	
RDSO	Redoubt South	3.55 213		Pn	18 24 22.6	+2.0
P23K	Montague Islan	3.56 168		IAML	18 25 27.7	
P23K	comp=N,576nm,0.6s			IAML	18 24 22.6	+1.9
P23K	Montague Islan	3.56 168		Pn	18 24 23.0	+2.3
G21K	Allakaket	3.63 329		IAML	18 24 22.1	+0.5
G21K	comp=N,380nm,0.8s			IAML	18 25 19.2	
GCSA	Galena City Sc	3.74 293		Pn	18 24 23.6	+0.5
GCSA	Bonanza Creek	3.76 227		IAML	18 24 23.9	+0.9
N19K				IAML	18 25 35.5	
N19K				IAML	18 25 36.9	
PTPK	Patty Peak	3.77 125		Pn	18 24 27.0	+3.4
I27K	Kandik River	3.78 53		Pn	18 24 24.1	+0.3
I27K	comp=E,579nm,0.6s			IAML	18 25 30.7	
I27K				IAML	18 25 33.9	

COLD	Goldfoot	3.80 352		Pn	18 24 24.8	+0.9
L18K	Granite Mounta	3.81 254		Pn	18 24 24.6	+0.6
L18K				Pn	18 24 25.1	+1.1
L18K	Granite Mounta	3.81 254		IAML	18 25 37.9	
L18K	comp=N,431nm,0.6s			IAML	18 25 39.5	
BVCY	Beaver Creek	3.81 103		Pn	18 24 25.7	+1.6
O20K	Slope Mountain	3.85 209		Pn	18 24 27.4	+2.3
O20K				Pn	18 24 27.6	+2.9
BRLK	Bradley Lake	3.85 195		IAML	18 25 32.9	
BRLK	comp=N,276nm,0.6s			IAML	18 25 35.4	
BRSE	Bradley Lake S	3.86 194		Pn	18 24 27.2	+2.4
BALM	Baldy	3.91 126		Pn	18 24 27.9	+2.3
ILIM	Ilamma	3.93 212		Pn	18 24 27.9	+2.2
TGL	Tana Glacier	3.94 131		IAML	18 25 32.7	
TGL	comp=E,367nm,1.1s			IAML	18 25 33.9	
IVE	Ilamma Volcan	4.00 211		Pn	18 24 28.8	+2.0
IVE	Ilamma Volcan	4.06 212		Pn	18 24 29.1	+2.3
ILSW	Ilamma South	4.06 211		Pn	18 24 29.6	+2.0
F24K	Squaw Lake	4.07 5		Pn	18 24 28.7	+1.0
F24K	Squaw Lake	4.07 5		IAML	18 25 16.0	
YUK2	White River	4.07 111		Pn	18 24 30.4	+2.6
G26K	Porcupine Rive	4.08 29		IAML	18 25 36.6	
G26K	comp=N,274nm,0.9s			IAML	18 25 54.4	
CNPM	China Pinao	4.13 197		Pn	18 24 30.8	+2.3
CNPM	China Pinao	4.13 197		IAML	18 25 34.6	
CNPM	comp=E,243nm,0.8s			IAML	18 25 38.5	
KAIM	Kayak Island	4.15 147		Pn	18 24 30.5	+1.8
KAIM	Kayak Island	4.15 147		IAML	18 25 41.5	
KAIM	comp=E,279nm,1.1s			IAML	18 25 48.5	
BARN	Barnard Glacie	4.15 123		Pn	18 24 32.2	+3.3
H27K	Steamboat Moun	4.17 45		IAML	18 25 39.2	
H27K	comp=E,275nm,0.7s			IAML	18 24 33.1	+2.9
YUK3	Moose Creek	4.24 110		Pn	18 24 33.1	+2.9
DAWY	Dawson	4.24 78		Pn	18 24 30.6	+0.6
DAWY	comp=N,347nm,0.5s			IAML	18 25 48.2	
DAWY	comp=E,381nm,0.8s			IAML	18 25 56.1	
BARK	Barkley Ridge	4.31 133		Pn	18 24 33.3	+2.3
GRNC	Granite Creek	4.33 126		Pn	18 24 33.4	+2.0
GRNC	Granite Creek	4.33 126		IAML	18 25 43.9	
BM03	Burnt Mountain	4.33 22		Pn	18 24 32.0	+0.8
I28M	Miner Creek	4.34 59		Pn	18 24 32.3	+0.9
I28M	Miner Creek	4.34 59		IAML	18 25 43.3	
I28M	comp=N,288nm,0.7s			IAML	18 25 44.7	
N18K	Kilae Creek	4.34 233		Pn	18 24 31.9	+0.6
N18K				Pn	18 24 32.9	+1.6
N18K	Kilae Creek	4.34 233		IAML	18 25 52.0	
N18K	comp=N,239nm,1.0s			IAML	18 25 52.0	
N18K	comp=E,281nm,0.9s			Pn	18 24 31.9	+0.4
K17K	Iditarod	4.36 264		Pn	18 24 31.9	+0.3
K17K	Iditarod	4.36 264		IAML	18 24 32.2	+0.6
K17K	Iditarod	4.36 264		IAML	18 25 47.0	
K17K	comp=N,313nm,0.7s			Pn	18 24 33.9	-0.2
LOGN	Logan Glacier	4.55 122		IAML	18 25 54.8	
LOGN	comp=E,166nm,1.2s			IAML	18 25 57.2	
J17K	VABM Dome	4.59 273		Pn	18 24 34.5	-0.2
J17K	VABM Dome	4.59 273		IAML	18 25 58.0	
J17K	comp=N,145nm,1.1s			IAML	18 26 05.8	
YAH	Yahstse	4.59 130		IAML	18 24 36.9	+1.9
YAH	Yahstse	4.59 130		IAML	18 26 03.7	
E23K	Chandler	4.61 356		IAML	18 25 32.8	
E24K	Your Creek	4.62 2		Pn	18 24 36.3	+1.1
AGU	Augustine-Summ	4.68 210		Pn	18 24 39.1	+3.0
AUJK	Augustine Jueg	4.69 210		Pn	18 24 39.3	+3.2
AUI	Augustine Isla	4.70 210		Pn	18 24 39.6	+3.3
O18K	Koktuh Hills	4.73 223		IAML	18 24 37.9	+1.2
O18K	Koktuh Hills	4.73 223		IAML	18 26 01.5	
YUK8	Steele Glacier	4.77 113		Pn	18 24 41.2	+3.6
J29N	Klondike Camp	4.79 13		Pn	18 24 39.2	+1.6
E25K	Arctic Village	4.85 15		Pn	18 24 39.1	+0.8
M29M	Somme Creek	4.86 98		Pn	18 24 39.7	+0.5
M29M	Somme Creek	4.86 98		IAML	18 26 04.8	
M29M	comp=N,184nm,0.9s			IAML	18 26 05.3	
N17K	Restone Hills	4.92 237		IAML	18 26 04.9	
N17K	comp=N,196nm,1.1s			IAML	18 26 10.2	
I29M	Ogilvie Camp	4.95 63		IAML	18 26 12.5	
I29M	comp=N,226nm,1.0s			IAML	18 26 20.1	
PS04	TAPS Pump Stn4	4.96 358		Pn	18 24 41.6	+1.6
H17K	Granite Mounta	5.04 292		Pn	18 24 41.9	+0.9
K29M	Barlow Dome	5.07 81		IAML	18 24 42.0	+0.5
K29M	Barlow Dome	5.07 81		IAML	18 26 13.3	
K29M	comp=E,185nm,0.9s			IAML	18 26 15.4	
P18K	Big Mountain	5.12 220		Pn	18 24 43.4	+1.3
Q19K	Cape Douglas,	5.12 209		Pn	18 24 44.9	+2.8
TOLK	Toolik Lake Re	5.19 357				

BULG	Bulgheria - Ca	3.46 256	P	Pn	19 22 34.0 +0.3
BULG	comp=N,288µm,0.5s		AML	AML	
BULG	comp=E,702µm,0.7s		AML	AML	
BULG	comp=N,1063µm,0.7s		AML	AML	
BULG	comp=E,764µm,0.7s		AML	AML	
BULG	comp=N,1096µm,0.8s		AML	AML	
KLV	Kalavryta, Ach	3.47 147	Pn	Pn	19 22 35.6 +1.8
MCRV	Calabrutti - M	3.48 268	P	Pn	19 22 34.8 +0.7
MCRV	comp=N,514µm,0.8s		AML	AML	
MCRV	comp=E,442µm,0.7s		AML	AML	
MCRV	comp=N,514µm,1.2s		AML	AML	
MOCO	Blocari - m te	3.49 278	P	Pn	19 22 34.6 +0.4
MELA	Melanico ??? S	3.56 283	P	Pn	19 22 35.5 +0.5
MELA	comp=E,1026µm,1.6s		AML	AML	
MELA	comp=N,1047µm,0.7s		AML	AML	
MELA	comp=E,1072µm,1.6s		AML	AML	
MELA	comp=N,1168µm,0.7s		AML	AML	
MELA	comp=E,1072µm,0.4s		AML	AML	
MELA	comp=E,1026µm,0.4s		AML	AML	
TEKS	Tekeris	3.57 357	ePn	Pn	19 22 35.4 +0.3
TEKS	Tekeris	3.57 357	l/Pn	Pn	19 22 35.5 +0.2
PLAC	Placanicca	3.60 226	P	Pn	19 22 35.5 -0.1
PLAC	comp=N,446µm,0.7s		AML	AML	
PLAC	comp=N,325µm,0.5s		AML	AML	
PLAC	comp=E,334µm,0.5s		AML	AML	
PLAC	comp=E,390µm,1.1s		AML	AML	
PLAC	comp=N,446µm,1.3s		AML	AML	
MRB1	Monte Rocchett	3.62 274	P	Pn	19 22 36.5 +0.7
MRB1	comp=N,638µm,0.8s		AML	AML	
MRB1	comp=N,750µm,0.7s		AML	AML	
MRB1	comp=E,638µm,1.2s		AML	AML	
MRB1	comp=N,740µm,0.6s		AML	AML	
MRB1	comp=E,644µm,0.9s		AML	AML	
PGB	Panagyurishte	3.64 64	P	Pn	19 22 37.6 +1.5
GATE	Gambatesa	3.69 280	P	Pn	19 22 37.0 +0.1
GATE	comp=E,510µm,0.8s		AML	AML	
GATE	comp=N,482µm,1.0s		AML	AML	
GATE	comp=E,534µm,0.8s		AML	AML	
GATE	comp=N,424µm,1.2s		AML	AML	
GATE	comp=N,424µm,0.8s		AML	AML	
KUBS	Kucevo	3.71 22	ePn	Pn	19 22 36.5 -0.5
CIGN	Sant'Elia a Pi	3.71 282	P	Pn	19 22 37.7 +0.6
CIGN	comp=N,295µm,0.6s		AML	AML	
CIGN	comp=N,286µm,0.6s		AML	AML	
CIGN	comp=N,295µm,1.4s		AML	AML	
CIGN	comp=N,295µm,1.2s		AML	AML	
PSB1	Pescosannita	3.75 275	P	Pn	19 22 38.2 +0.7
AVAS	Avala Beograd	3.75 8	ePn	Pn	19 22 38.1 +0.5
JOPP	Joppo	3.81 233	P	Pn	19 22 38.7 +0.2
RZN	Rozen	3.82 78	P	Pn	19 22 40.0 +1.3
SACR	S. Croce Del S	3.83 278	P	Pn	19 22 39.2 +0.4
SACR	comp=N,342µm,1.1s		AML	AML	
SACR	comp=N,342µm,0.9s		AML	AML	
SACR	comp=E,258µm,0.7s		AML	AML	
VITU	Vitalano (BN)	3.88 275	P	Pn	19 22 40.0 +0.5
VITU	comp=E,472µm,0.3s		AML	AML	
VITU	comp=N,528µm,0.7s		AML	AML	
VITU	comp=E,472µm,1.7s		AML	AML	
KJVJ	Kijevo	3.91 322	ePn	Pn	19 22 40.7 +1.0
KJVJ	comp=N,413µm,0.7s		AML	AML	
PLD	Plovdiv	3.92 71	P	Pn	19 22 41.3 +1.4
PAOL	Paolisi	3.92 71	ePn	Pn	19 22 41.0 +1.1
PAOL	Paolisi	3.93 272	P	Pn	19 22 40.8 +0.7
BSSO	Busso	3.93 280	P	Pn	19 22 40.8 +0.6
TRIV	Trivento	4.00 283	P	Pn	19 22 41.5 +0.5
TRIV	comp=N,413µm,0.7s		AML	AML	
TRIV	comp=E,330µm,1.1s		AML	AML	
TRIV	comp=E,332µm,0.6s		AML	AML	
TRIV	comp=N,410µm,0.7s		AML	AML	
TRIV	comp=N,410µm,0.9s		AML	AML	
CEL	Celeste	4.04 229	Pn	Pn	19 22 41.4 -0.2
CEL	Celeste	4.04 229	Sn	Pn	19 22 41.1 -0.5
CEL	Celeste	4.04 229	P	Pn	19 22 42.0 +0.4
CEL	Celeste	4.04 229	P	Pn	19 22 42.7 +1.0
PUNG	Punghina	4.04 34	l/P	Pn	19 22 43.4 +1.9
VBKN	Vesuvio Bunker	4.04 270	P	Pn	19 22 41.9 +0.3
VBKN	comp=E,926µm,0.8s		AML	AML	
MDVR	Moldovita	4.06 20	ePn	Pn	19 22 42.6 +0.7
MDVR	Moldovita	4.06 20	l/P	Pn	19 22 42.9 +1.0
SGG	Gregorio Mates	4.08 277	P	Pn	19 22 42.7 +0.5
SGG	comp=N,528µm,0.5s		AML	AML	
SGG	comp=E,663µm,1.0s		AML	AML	
SOI	Samo	4.08 226	P	Pn	19 22 42.6 +0.5
MORI	Morici	4.16 315	ePn	Pn	19 22 44.1 +0.9
MORI	Morici	4.16 315	Sn	Pn	19 22 42.9 -1.6
ITM	Ithomi	4.16 155	P	Pn	19 22 44.0 +0.7
ITM	Ithomi	4.16 155	P	Pn	19 22 43.8 +0.6
FRGS	Fruska Gora	4.17 1	ePn	Pn	19 22 43.7 +0.3
FRGS	Fruska Gora	4.21 334	l/Pn	Pn	19 22 43.6 +0.2
MIDA	Miranda	4.20 281	P	Pn	19 22 44.3 +0.5
MIDA	comp=E,436µm,0.7s		AML	AML	
MIDA	comp=N,476µm,1.3s		AML	AML	
MIDA	comp=E,312µm,0.4s		AML	AML	
MIDA	comp=N,432µm,0.7s		AML	AML	
MIDA	comp=N,476µm,0.7s		AML	AML	
DJES	Djerdap	4.20 28	l/P	Pn	19 22 45.4 +1.6
BLY	Banja Luka	4.21 334	Pn	Pn	19 22 44.9 +1.1
BLY	Banja Luka	4.21 334	P	Pn	19 22 43.6 -0.3
BLY	Banja Luka	4.21 334	ePn	Pn	19 22 44.7 +0.8
BLY	Banja Luka	4.21 334	P	Pn	19 22 43.5 -0.3
BLY	Banja Luka	4.21 334	l/P	Pn	19 22 45.0 +1.1
BLY	Banja Luka	4.21 334	l/Pn	Pn	19 22 44.0 +0.1
BLY	Banja Luka	4.21 334	P	Pn	19 22 44.4 +0.5
KDZ	Kurdzhali	4.25 79	P	Pn	19 22 45.6 +1.1
MSRU	Castanea	4.28 232	P	Pn	19 22 44.2 -0.4

MSRU	comp=N,418µm,0.6s		AML	AML	
MSRU	comp=E,456µm,0.7s		AML	AML	
VRSS	Vrsac	4.29 15	ePn	Pn	19 22 46.8 +1.8
MTTG	Motta San Giov	4.33 228	P	Pn	19 22 45.8 +0.2
PLVB	Pleven	4.34 55	l/P	Pn	19 22 47.9 +2.2
HERR	Herculane	4.36 26	l/P	Pn	19 22 47.1 +1.2
MILZ	Milazzo	4.42 234	P	Pn	19 22 46.3 -0.5
MILZ	comp=E,1470µm,0.8s		AML	AML	
MILZ	comp=N,662µm,0.3s		AML	AML	
MILZ	comp=N,662µm,1.7s		AML	AML	
MPNC	Port Mandanici	4.43 232	P	Pn	19 22 46.4 -0.6
SRE	Strehaia	4.46 33	P	Pn	19 22 48.7 +1.3
SRE	Strehaia	4.46 33	l/P	Pn	19 22 48.8 +1.3
BANH	Banloc	4.51 12	l/P	Pn	19 22 49.3 +1.3
INTR	Introdacqua	4.51 285	P	Pn	19 22 48.3 +0.1
DUGI	Dugi Otok	4.59 312	ePn	Pn	19 22 50.1 +1.0
DUGI	Dugi	4.59 312	Sn	Pn	19 23 41.1 -0.9
UDBI	Udbina	4.60 322	ePn	Pn	19 22 50.9 +1.5
UDBI	Udbina	4.60 322	Sn	Pn	19 23 41.9 -0.4
IFIL	Filicudi I Eol	4.67 241	P	Pn	19 22 50.2 -0.1
IFIL	comp=E,760µm,0.6s		AML	AML	
IFIL	comp=N,278µm,1.3s		AML	AML	
IFIL	comp=N,278µm,0.7s		AML	AML	
ALN	Alexandroupoli	4.76 89	P	Pn	19 22 52.2 +0.7
ALN	Alexandroupoli	4.76 89	P	Pn	19 22 52.2 +0.7
ALN	Alexandroupoli	4.76 89	Pn	Pn	19 22 52.8 +1.3
VRN	Vir	4.79 315	l/Pn	Pn	19 22 52.7 +0.8
VRN	Vir	4.79 315	Sn	Pn	19 22 55.7 +1.9
BZS	Buzias	4.82 16	P	Pn	19 22 54.1 +1.8
BZS	Buzias	4.82 16	ePn	Pn	19 22 53.3 +1.0
BZS	Buzias	4.82 16	l/P	Pn	19 22 54.2 +1.8
BZS	Buzias	4.82 16	P	Pn	19 22 53.5 +1.1
GZFR	Gura Zlata	4.93 26	P	Pn	19 22 55.7 +1.9
GZFR	Gura Zlata	4.93 26	ePn	Pn	19 22 55.7 +1.7
GZFR	Gura Zlata	4.93 26	l/P	Pn	19 22 55.7 +1.9
AQU	L'Aquila	4.95 288	P	Pn	19 22 53.3 -0.9
AQU	L'Aquila	4.95 288	l/Pn	Pn	19 22 54.1 -0.1
AQU	L'Aquila	4.95 288	P	Pn	19 22 54.9 +1.1
SURR	Surduc	5.07 19	l/P	Pn	19 22 57.3 +1.5
NVLJ	Novalja	5.07 316	l/Pn	Pn	19 22 56.4 +0.7
NVLJ	Novalja	5.07 316	Sn	Pn	19 23 52.4 -1.3
GUMA	Gualdo di Mace	5.21 296	P	Pn	19 22 57.5 -0.3
HUMR	Humele	5.23 46	l/P	Pn	19 22 59.5 +1.6
HUMR	Humele	5.23 46	P	Pn	19 22 59.1 +1.2
RABC	Rab	5.25 317	ePn	Pn	19 22 58.8 +0.7
HLNI	Lentini	5.25 228	P	Pn	19 22 56.0 -2.2
HLNI	comp=E,136µm,0.9s		AML	AML	
HLNI	comp=N,152µm,0.6s		AML	AML	
HLNI	comp=E,136µm,1.1s		AML	AML	
NRCA	Norcia	5.29 293	P	Pn	19 22 58.9 +0.1
MORH	Mrgy, Hungar	5.29 352	l/P	Pn	19 22 59.2 +0.5
MORH	Mrgy, Hungar	5.29 352	l/Pn	Pn	19 22 58.3 -0.4
MORH	Mrgy, Hungar	5.29 352	P	Pn	19 22 59.0 +0.3
LOT	Lotru	5.34 32	l/P	Pn	19 23 01.7 +2.2
LOT	Lotru	5.34 32	l/P	Pn	19 23 01.6 +2.0
FDMO	Fjordimonte	5.37 295	P	Pn	19 23 00.0 +0.1
VAE	Valguarnera	5.43 232	Pn	Pn	19 23 01.1 +0.5
VAE	comp=N,6.0nm,0.6s,baz=84,slow=9.2,SNR=2.1		AML	AML	
VAE	comp=N,1.4nm,0.3s,baz=12,slow=9.3,SNR=3.3		AML	AML	
SIRR	Siria	5.46 14	ePn	Pn	19 23 02.6 +1.5
SIRR	Siria	5.46 14	l/P	Pn	19 23 03.7 +0.5
CHOS	Chios island	5.51 116	P	Pn	19 23 04.3 +2.5
CHOS	comp=N,399nm,0.8s		AML	AML	
OZLJ	Ozalj	5.59 327	ePn	Pn	19 23 03.5 +0.7
BOJZ	Bojanci	5.59 325	ePn	Pn	19 23 02.3 +0.4
CEXJ	Cerknica	5.60 289	P	Pn	19 23 02.7 +0.5
LOZB	Loznitza	5.61 63	l/P	Pn	19 23 06.0 +2.8
RAFF	Raffo Rosso	5.63 230	Pn	Pn	19 23 02.6 -0.8
ARR	Arges	5.65 38	l/P	Pn	19 23 05.8 +2.0
ARR	Arges	5.65 38	P	Pn	19 23 06.0 +2.2
GBRS	Gornja Briga	5.80 323	l/Pn	Pn	19 23 06.8 +1.0
RIY	Rijeka	5.80 320	ePn	Pn	19 23 06.5 +0.7
MURB	Muntele Urbino	5.84 295	P	Pn	19 23 06.9 +0.5
BEHE	Becsehely	5.89 340	ePn	Pn	19 23 06.6 -0.4
BEHE	Becsehely	5.89 340	P	Pn	19 23 07.5 +0.4
BEHE	comp=N,239nm,0.8s		AML	AML	
VOIR	Voiron	5.89 39	l/P	Pn	19 23 09.4 +2.3
VOIR	Voiron	5.89 39	l/P	Pn	19 23 09.4 +2.3
VOIR	Voiron				

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for SULTU Buldan, SULTU, and CAME Cameli-Denizli.

MEX 24 21:02:55.2±0.7, 14.03N:92.23W, h20km, MD3.9, Presumed earthquake
GCG 24 21:02:57.7±1.1, 14.42N:91.85W, h58km, 9km, MD3.8, ML4.0, Presumed earthquake

ISC 24 21:02:49.8±1.8, 13.93N:011.9206W±0.06, h55km±30km, n17, c282/29, Off coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for RTAL Retalhuleu, STGB El Palmer, SMCA Catarina, and many others.

IDC 24 21:08:23.1±1.3, 24.05N:127.00E, h0km, mb3.3/2, mbmp3.6/4, ML3.7/2, Error ellipse: s-maj=45.1km s-min=15.8km az=102.0

JMA 24 21:08:27.0±0.4, 24.2N:127.2E, h102km, MV2.9/25, NEAR MIYAKOJIMA ISLAND

ISC 24 21:08:23.9±2.2, 24.24N:109.12684E±0.05, h18km±13km, n28, c1905/31, mb3.4/3, Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for JOGS Gusukube, JMJ2 Miyako jima3, JMKM Ikemajima, and many others.

NEIC 24 21:19:16.5±1.1, 12.1N:01.1402E±0.1, h10km, 1km, mb4.6/29, Error ellipse: s-maj=20.0km s-min=18.3km az=127.0

GCMT 24 21:19:19.5±0.3, 12.08N:02.1402E±0.02, h20km, 1km, MV4.7/96, Moment Tensor Solution, s12,c12; s96,c131; Duration: 0 Moment tensor: Scale 10^19Nm; Mr=0.40±0.10; Mw=0.36±0.08; Mo=0.03±0.07; Mw=0.37±0.14; Mw=0.45±0.06; Mw=0.22±0.13; Best double couple: M1: 5.8600±0.1016; NP1=5.00000±0.875.00000; P: -1.68.00000; NP2: 0.271.00000±0.878.00000; s-16.00000. Principal axes: T: 1.7230, P1g2.0000, Azm318.0000; N: -0.2740, P1g70.0000; Azm55.0000; P: -1.4480, P1g19.0000. Azm228.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 24 21:19:21.2±2.8, 18.12N:140.46E, h54km±28km, mb4.0/16, mbmp4.3/19, ML4.2/3, MS3.6/49, Error ellipse: s-maj=18.3km s-min=13.4km az=96.0

DJA 24 21:19:21.6±0.8, 12.1N:01.1402E, h83km±12km, M4.6/17, mB5.2/7, mB5.1/8, mb4.7/17, mb4.7/16, ML4.7/1, MLV4.7/1, Mw(mB4.6/7, Mw(mB)4.5/8, Mw(Mw)5.2/1, Mw(p5.4/1)

ISC 24 21:19:18.7±0.5, 12.16N:016.1402E±0.07, h30km, n97, c117/63, mb4.5/32, MS3.6/45, Western Caroline Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for GUMO Guam, DPSS Saipan, MWPI Manokwari, and many others.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for SIJI, SIJI, SIJI, SIJI, SIJI.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for SIJI FAKI, SIJI FAKI, SIJI FAKI, SIJI FAKI, SIJI FAKI.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for SIJI FAKI, SIJI FAKI, SIJI FAKI, SIJI FAKI, SIJI FAKI.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for I28M Miner Creek, F28M Old Crow, F28M.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for I28M Miner Creek, F28M Old Crow, F28M.

IDC 24 21:22:52.9±0.6, 35.26N:25.88E, h0km, mb3.9/10, mbmp3.8/20, ML3.2/6, MS2.3/1, Error ellipse: s-maj=14.7km s-min=8.2km az=12.0

ISK 24 21:22:53.6±0.7, 35.33N:25.92E, h6km, ML3.6/12, ATH 24 21:22:54.1, 35.30N:25.92E, h14km±2km, ML3.8/11, Latitude uncertainty: 1 km; Longitude uncertainty: 0 km

NEIC 24 21:22:54.8±1.5, 35.22N:0.07±25.85E±0.03, h10km±1km, mb4.1/22, Error ellipse: s-maj=11.9km s-min=4.2km az=171.0

THE 24 21:22:54.9, 35.2N:2°26'E±, h3km±2km, M3.7/25, ML3.7/25

AFAD 24 21:22:59.7, 35.67N:25.98E, h19km±2km, MW3.7, GII 24 21:23:00.3±0.0, 34.845N:0.002±6.156E±0.001, h0km, Mw=3.9, confirmed

ISC 24 21:22:54.6±0.7, 35.25N:0.03±25.92E±0.02, h17km±5km, n216, c180/27, mb4.1/17, Crete

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for SI22 Siteia, SI22 Siteia, SI22 Siteia, SI22 Siteia, SI22 Siteia.

Table with columns for station name, coordinates, and various parameters. Includes stations like MHLO, NAXI, DAT, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like QRNJ, YITV, CELE, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like BARC, BRIC, BRJC, etc.

KRNET 24.21:30:47.5:0.1, 41.85N:72.63E, h23km, mb2.5
SOME 24.21:30:47.2, 41.83N:72.65E, h15km
NINC 24.21:30:48.5:0.6, 41.92N:72.64E, h10km, 4km, mb2.6,
mpv2.6, Error ellipse: s-maj=5.7km s-min=2.1km az=163.0
ISC 24.21:30:47.3:1.0, 41.85N:073.763E:0.02, h13km, 10km,
n20, c086/35, 12C-10L, Kyrgyzstan

CATAC 24.21:26:51.8:0.5, 7.1N:2.7W, h161km, 5km, M4/2/8,
mb4.3/2, MLV4/2/8, Error ellipse: s-maj=7.6km
s-min=4.8km az=110.8, confirmed
RSNC 24.21:26:53.8:0.0, 7.1N:1.7W, h149km, 2km, M3.9,
mb5.0, mb4.3, MLN3/4, Mw(MB)4.3
FUNV 24.21:26:55.5, 7.12N:3.72W, h20km, MWA.0, Presumed

Table with columns for station name, frequency, power, and other technical details. The table is organized into multiple columns and rows, listing various radio stations and their associated frequencies and power levels.

24d 23h

2020 SEP

1306

ellip: s-maj=1.7km s-min=1.0km az=165.0
PRU 24 23:09:26.4,50.01N,18.41E,h0km
ISC 24 23:09:25.2,0.8,50.06N,0.03,-18.45E,0.02,h0km,m33,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Raciborz, Ostrava-Krasne, Steborice, Moravsky Berou, etc.

TXNET 24 23:14:13.7,31.7N,0.5,104.4W,0.5,h6km,1km,ML3.5/25,
Error ellipse: s-maj=0.9km s-min=0.8km az=35.0,final
NEIC 24 23:14:13.8,0.6,31.65N,0.01,-104.38W,0.01,h5km,1km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TPB28, TPB09, TPB09, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TPB12, TPB07, TPB10, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BRDY, SMDW, HNDO, etc.

Table with columns: BRLS, Borolday, 4.21 317 eP, Pb, 23 21 43.9 +2.2, BRLS, 3.5nm,0.4s, eS, Sb, 23 22 28.6 -3.6

JMA 24 23:28:14.1-0.1, 39°7'N, 0°2'144''E, 0.3, h32km, 1km, MV3.3/30, FAR E OFF NORTH HONSHU

ICD 24 23:28:51.8:16.0, 37°9'N, 141°03'E, h23km, 89km, mb2.9/3, mbtmp3.4/4, Error ellipse: s-maj=303.0km

s-min=26.1km az=65.0, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC

DNK 24 23:41:51.8:1.3, 51°64'N, 16°13'E, h0km, ML2.5, Suspected explosion

IPEC 24 23:41:53.7:0.2, 51°59'N, 16°01'E, h1km, ML2.6/8, Error ellipse: s-maj=1.9km s-min=1.1km az=63.0

PRU 24 23:41:54.8:51°58'N, 15°98'E, h0km, VIE 24 23:41:54.8:51°58'N, 15°83'E, h0km, mb2.6/4, ml2.8/7, Error ellipse: s-maj=7.3km s-min=6.2km az=120.0

88 km NE of Liberec Suspected Mining induced. ISC 24 23:41:52.6:0.5, 51°58'N, 0°03'15.96E, 0.02, h0km, n41, r129/86, Poland

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC

RSNC 24 23:48:39.1:0.4, 9°N, 3°7'11'W, h0km, M2.3, ML2.1

FUNV 24 23:48:40.0, 8°8'0'N, 71°13'W, h5km, MW2.7, Presumed earthquake

ISC 24 23:48:38.4:3.2, 8°94'N, 0°04'71'13'W, 0.03, h8km, 24km, n13, r153/26, Venezuela

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC

SDD 24 23:51:01.0:4.2, 19°76'N, 70°70'W, h10km, 999km, MD2.9, ML1.7, MW3.5, Presumed earthquake

OSPL 24 23:51:01.2:1.3, 20°10'N, 70°96'W, h0km, 8km, ML1.9, Presumed earthquake

ISC 24 23:51:01.3:1.7, 19°95'N, 0°10'70'33'W, 0.05, h16km, 10km, n9, r151/16, 5C-4D, Dominican Republic region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC

ICD 25 00:27:22.0:1.2, 3°45'S, 128°29'E, h0km, mb3.8/3, mbtmp3.7/6, ML3.2/3, Error ellipse: s-maj=27.7km

s-min=17.1km az=114.0, DJA 25 00:27:26.1:0.3, 4°S, 6°12'8'E, h23km, 7km, M3.4/9, ML3.0/5, MLV3.4/6, MLV3.4/9

ISC 25 00:27:23.8:1.1, 3°48'S, 0°09'128°32'E, 0.06, h10km, n11, r154/10, Seram

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC

ICD 25 00:29:00.0:1.6, 7°07'S, 129°20'E, h167km, 15km, mb3.6/10, mbtmp4.1/15, Error ellipse: s-maj=18.6km s-min=11.8km

az=73.0, DJA 25 00:29:01.7:0.7, 7°S, 5°13'0'E, h240km, 19km, M4.2/7, mb4.6/2, mb4.0/5, mb4.0/5, mb4.6/2, ML4.0/4, MLV4.3/7, MLV4.3/7, Mw(mB)3.8/2, Mw(mB)3.8/2

NEIC 25 00:29:01.1:1.1, 7°00'S, 0°07'129°26'E, 0.09, h174km, 9km, mb4.1/6, Error ellipse: s-maj=14.0km s-min=8.2km

ISC 25 00:29:02.4:0.6, 6°96'S, 0°06'129°50'E, 0.1, h200km, n36, r1969/37, mb3.9/11, Banda Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC

ICD 25 00:47:32.5:1.1, 5°25'S, 133°78'E, h0km, mb3.7/6, mbtmp4.0/11, ML4.3/5, MS3.3/3, Error ellipse: s-maj=21.5km s-min=13.4km az=82.0

DJA 25 00:47:34.0:4.5, 5°S, 3°13'4'E, h173km, 6km, M4.2/7, mb4.8/4, mb4.6/7, mb4.6/7, mb4.8/4, M4.0/7, MLV4.1/7, MLV4.1/7, Mw(mB)4.1/4, Mw(mB)4.1/4

ISC 25 00:47:36.7:1.0, 5°38'S, 0°07'133.6E, 0.2, h35km, n16, r331/17, mb3.7/6, Aru Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC

ICD 25 00:47:32.5:1.1, 5°25'S, 133°78'E, h0km, mb3.7/6, mbtmp4.0/11, ML4.3/5, MS3.3/3, Error ellipse: s-maj=21.5km s-min=13.4km az=82.0

DJA 25 00:47:34.0:4.5, 5°S, 3°13'4'E, h173km, 6km, M4.2/7, mb4.8/4, mb4.6/7, mb4.6/7, mb4.8/4, M4.0/7, MLV4.1/7, MLV4.1/7, Mw(mB)4.1/4, Mw(mB)4.1/4

ISC 25 00:47:36.7:1.0, 5°38'S, 0°07'133.6E, 0.2, h35km, n16, r331/17, mb3.7/6, Aru Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC

1309

Table with columns for station name, frequency, and other parameters. Includes stations like ETOR Torete, Horta de San J, Miracle, Poblet, La Frestale, Mosqueruela, Arriondas, Montoliu, Universidad Co, Les Rejaudoux, Calviac, Chera, Gruissac, Sonseca Array, Saint Martin d, San Pablo, Calabor, Braganca, Ste Croix, Pontenova, Mallorca, Bois d'Agland, Agolada(Pontev), Vila Real, Saint-Julien-I, Lamas de Olo, Lobios, Cabril, La Murta, Gavieira, Arco, Manteigas.

2020 SEP

Table with columns for station name, frequency, and other parameters. Includes stations like MTE, Quistinic, QUESADA, Avril sur Loir, Viseu, Adamuz, Adamuz, Humblygnay, Mahon, Simiane la Rot, Signal de Mont, Castelo Branco, Saint Gilles, Mazaricos, Saint Saulge, Gorron, Porto, Rostrenen, Marv??o, El Cabril, El Cabril, Oris-en-Rattie, La Druitiere, Lormes, La Mourre, La Fourniere, Nijar, Casmilo, Conde, Sardoal, Berja, Sierra Gorda, Estremoz, Estremoz, Los Guajares, Los Guajares, Montbardon, Barrancos, Barrancos, Montargil, Manteigas.

25d 2h

Table with columns for station name, frequency, and other parameters. Includes stations like PARRA Arraiolos, So Bento, La Plagne, La Plagne, Evora, Evora, La Chapelle, Sospel, Montemor, Minas do Louisa, Messejana, Castro Verde, Vaqueiros, Maizieres J'vi, Savonnières en, Savonnières en, Barranco-do-ve, Haudompre, Sao Teotónio, Hinterfeld, Baives, Champ du Feu, Dourbes, Givet, Maredsous, Walferdange, Rochefort, Clavier, Membach, Reutte, Mosaal, Sankt Quirin, Walderalm, Wattenberg, Kesra, Geres, ESKALEMUR AR, Fines, Lamas de Olo, Lobios, Cabril, La Murta, Gavieira, Arco, Manteigas.

25d 2h

2020 SEP

1310

1.179,00000°. NP2@2.00000°. 889.00000°. 1.9.00000°. Principal axes: T 7.6060, P 0.0000, Azm 227.0000; N -0.8350, P181.0000, Azm 7.0000; P -6.7710, P166.0000, Azm 136.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 25 02:09:49.4,0.4,13.93N,0.004,144.66E,0.05, h189km,3km, h189km;pP,n293,ci121/294,mb4.7/116,3C-2D,

Mariana Islands

Table with columns: Code, Station Name, Az, AzP, Op, Phase ID, ISC, Time, Res, ISC. Rows include stations like GUM0 Guam, GUM1 Guam, GUM2 Guam, etc.

Table with columns: NU2, Station Name, Az, AzP, Op, Phase ID, ISC, Time, Res, ISC. Rows include stations like ASAJ Asahikawa, SOEI Soe, KAPI Kappang, etc.

Table with columns: Station Name, Az, AzP, Op, Phase ID, ISC, Time, Res, ISC. Rows include stations like HEH HEH, SNJI Sawahan-Nganju, HHC Hu-ho-ho-te, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SHLS, UZB, KPKS, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ULM, FRB, MAW, KEST, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like EGRO, EGRO, EGRO, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes earthquake data for stations like IKKR, IDHR, IGHG, etc.

NEIC 25 04:31:35.72.4. 6.20S:0.03:151.7E:0.1, h10km, 1km, mb4.3/10, Error ellipse: s-maj=20.1km s-min=3.9km az=99.0

IDC 25 04:31:41.0.2.1. 6.12S:151.45E, h49km, 20km, mb3.8/5, mbmp4.0/6, ML2.0/1, MS3.4/10, Error ellipse: s-maj=5.7km s-min=8.9km az=123.0

ISC 25 04:31:40.0.8. 6.13S:150.08E:0.1, h41km, n34, c0579/28, mb4.2/10, MS3.6/7, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station data for KRVT, RABL, PMG, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station data for WRA, WRA, WRA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station data for FITZ, TOL2, URZ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station data for GERES, TORD, BDFB, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station data for ILAR, ILAR, ILAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station data for TNS5, TNS5, TNS5, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station data for TNS5, TNS5, TNS5, etc.

IDC 25 05:46:58.3:1.3. 51.74N:82.57E, h0km, mbmp2.5/2, ML2.0/2, Error ellipse: s-maj=19.0km s-min=10.0km az=121.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station data for I46RU, ZALV, ZALV, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station data for ZALV, MKAR, MKAR, etc.

IDC 25 05:51:36.8:2.2. 6.44S:151.93E, h0km, mb4.0/2, mbmp5.2/4, ML2.2/1, MS3.5/7, Error ellipse: s-maj=52.1km s-min=14.5km az=116.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station data for KRVT, KRVT, KRVT, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station data for PMG, PMG, PMG, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station data for PMG, HNR, CTA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station data for SAR, STKA, STKA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station data for CHNA, CHNA, CHNA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station data for CNBA, CHGN, CHGN, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station data for VNKR, VNSS, BPSA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station data for S14K, S14K, S14K, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station data for ANPB, ANPK, ANNW, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station data for PS1A, PS4A, PS4A, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station data for DTNA, DT1, PLBL, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station data for KAK, KAK, KAK, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station data for KDAK, KDAK, KDAK, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station data for KDAK, KDAK, KDAK, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes station data for O16K, O16K, O16K, etc.

Table with columns: Station, Name, Time, Status, and other details. Includes stations like OKNC, M18K, L16K, etc.

Table with columns: Station, Name, Time, Status, and other details. Includes stations like G30M, E28M, F30M, etc.

Table with columns: Station, Name, Time, Status, and other details. Includes stations like TIXI, TIKSI, BSUT, etc.

H11S3	WAKE ISLAND Hy 45.46 230 T	T	P	06 54 54.8	P57A	Homestead Farm 53.35 72 P	I Amb	P	06 07 12.6 -1.2	ADZR	Andozero 60.49 352 eP	P	P	06 08 02.4 -1.6
DAG	Danmarks Havn 45.74 12 I/P	I Amb	P	06 06 15.5 +0.1	P57A	comp=Z,32nm,1.3s		P	06 07 22.2	ADZR	comp=Z,50nm,0.6s	P	P	
DAG	Danmarks Havn 45.74 12 P	P	P	06 06 15.5 +0.1	XLT	XiLinHaoTe 53.47 296 eP	sP	P	06 07 14.8 0.0	NJ2	Nanjing 60.64 285 eP	P	P	06 08 06.3 +0.8
SUMG	Summit 45.82 21 I/P	I Amb	P	06 06 16.9 +0.3	XLT	comp=Z,130nm,0.9s		P	06 07 26.3 +0.6	NJ2	comp=Z,130nm,0.5s	P	P	
SUMG	Summit 45.82 21 P	P	P	06 06 16.7 +0.2	XLT	comp=Z,63nm,3.9s		L	06 07 27.6 +4.9	CMIG	Matias Romero 60.80 102 LR	LR		06 34 17.9
MDJ	Mudanjiang 45.83 288 P	P	P	06 06 14.8 -1.7	XLT	comp=Z,350nm,18.3s		L		MDL	Molde 61.97 8 eP	P	P	06 08 14.3 +0.2
TXAR	Lajitas Array 46.23 101 P	P	P	06 06 20.9 +1.0	XLT	comp=Z,360nm,17.4s		L		DGZ	Jazzator, Alta 62.07 318c/P	P	P	06 08 15.3 +0.1
TXAR	comp=Z,2.3nm,0.6s,baz=310,slow=5.6,SNR=40				PAGS	Pennsylvania G 53.52 70 P	I Amb	P	06 07 14.1 -1.0	LYN	LuoYang 62.23 291 P	P	P	06 08 16.1 -0.1
TXAR	comp=Z,1.0nm,0.6s,baz=194,slow=1.5,SNR=4.2				PAGS	Sherman 53.88 60 P	I Amb	P	06 07 35.1	LYN	comp=Z,54nm,0.8s	P	P	06 08 27.8 +0.5
TXAR	comp=Z,1.6nm,1.0s,baz=297,slow=5.5,SNR=7.0				F64A	F64A 53.88 60 P	I Amb	P	06 07 16.4 -1.2	LYN	comp=Z,210nm,4.3s	P	P	
TXAR	comp=Z,908nm,18.4s,baz=308,slow=35				F64A	comp=Z,24nm,1.1s		L	06 07 17.2	LYN	comp=Z,440nm,17.5s	L	L	
TXAR	comp=Z,2.3nm,0.6s				TLY	Talaya 53.90 310 P	I Amb	P	06 07 17.5 -0.2	LYN	comp=Z,380nm,17.9s	L	L	
TXAR	comp=Z,2.3nm,0.6s				TLY	comp=Z,25nm,0.9s		P	06 07 17.8 0.0	AKN	Aaknes 62.31 8 eP	P	P	06 08 16.8 +0.4
BNX	BinXian 46.28 291 P	P	P	06 06 20.2 +0.2	TLY	comp=Z,33nm,0.9s		P	06 07 17.3 -0.4	DOMB	Dombas 62.60 7 eP	P	P	06 08 17.9 -0.5
BNX	comp=Z,43nm,1.0s				TLY	Talaya 53.90 310 P	P	P	06 07 17.8 0.0	FOO	Floro 62.72 9 eP	P	P	06 08 19.2 +0.1
MAJO	Matsushiro 46.45 274 I/P	I Amb	P	06 06 21.3 -0.2	TLY	comp=Z,52nm,0.8s		P	06 07 17.5 -0.2	KLMR	Klimovskoe 63.42 351 eP	P	P	06 08 22.2 -1.5
MAJO	Matsushiro 46.45 274 P	P	P	06 06 20.7 -0.8	DL2	Dalian 54.07 288 P	eS	S	06 07 18.1 -1.0	NC204	NORSAR Array S 63.47 6 P	P	P	06 08 24.1 -0.1
MAJO	Matsushiro 46.45 274 P	P	P	06 06 20.6 -0.9	DL2	comp=Z,52nm,0.9s		P	06 14 55.3 +1.7	FI A1	FINES Array B 63.61 358 P	P	P	06 08 24.5 -0.5
MJAR	Matsushiro Arr 46.45 274 P	P	P	06 06 20.5 -1.0	DL2	comp=Z,170nm,3.6s		L		FINES	FINES Array B 63.61 358 P	P	P	06 08 24.4 -0.5
MJAR	comp=Z,2.23nm,1.2s,baz=362,SNR=15				DL2	comp=Z,440nm,21.4s		L		FINES	comp=Z,36nm,0.9s,baz=14,slow=8.6,SNR=71	P	P	06 08 24.8 -0.2
MJAR	comp=Z,1.78nm,20.6s,baz=59,slow=33				DL2	comp=Z,390nm,20.7s		L		NC201	NORSAR Array S 63.73 6 P	P	P	06 08 25.6 -0.3
MJAR	comp=Z,2.23nm,1.2s				DL2	comp=Z,560nm,20.9s		L		NB201	NORSAR Array S 63.73 6 P	P	P	06 08 25.6 -0.3
MJB9	Matsu-Tunnel 46.45 274 P	P	P	06 06 21.4 -0.1	HAMF	Hammerfest 54.40 359 eP	P	P	06 07 21.0 -0.1	NB2	NORSAR Subarra 63.73 6 P	P	P	06 08 25.6 -0.3
SFJD	Kangerlussuaq 46.61 31 LR	LR	P	06 06 25.3 9	WES	Wes 54.84 65 P	P	P	06 07 23.8 -0.8	NOA	NORSAR Array B 63.73 6 P	P	P	06 08 25.6 -0.3
SFJD	Kangerlussuaq 46.61 31 LR	LR	P	06 06 22.5 +0.2	WES	comp=Z,15nm,0.8s		P	06 07 23.8 -0.8	ASK	Askoy 63.84 9 eP	P	P	06 08 26.6 +0.1
SFJD	comp=Z,34nm,0.8s				WES	Weston 54.84 65 P	I Amb	P	06 07 25.0	SKAR	Skarslia 63.90 8 eP	P	P	06 08 27.3 +0.2
SFJD	Kangerlussuaq 46.61 31 P	P	P	06 06 22.6 +0.3	WES	comp=Z,15nm,0.8s		P	06 07 25.0	SVE	Sverdlövsk 63.98 338 eP	P	P	06 08 27.8 +0.3
LPIG	La Paz 46.71 112 LR	LR	P	06 06 23.1 6.3	ZAK	Zakamensk 54.99 309 eP	P	P	06 07 24.6 -1.2	NC602	NORSAR Array S 64.06 6 eP	P	P	06 08 28.4 +0.5
SPAO	Spitsbergen Arr 46.78 2 eP	P	P	06 06 23.4 -0.2	ZAK	Zakamensk 54.99 309 eP	P	P	06 08 26.5	WHN	Wuhan 64.27 287 P	P	P	06 08 32.8 +3.0
SPITS	Spitsbergen Arr 46.78 2 P	P	P	06 06 22.7 -0.9	ZAK	comp=Z,15nm,1.1s		P	06 07 26.5	KURK	Kurchatov 64.40 324 P	P	P	06 08 30.7 +0.3
SPITS	comp=Z,443nm,18.4s,baz=334,slow=36				ZAK	comp=Z,15nm,1.1s		P	06 07 26.5	KURK	Kurchatov 64.40 324 P	I Amb	I Amb	06 08 30.1 -0.3
CCM	Cathedral Cave 46.98 83 P	P	P	06 06 23.7 -1.9	ULN	Ulanbaatar 55.09 305c/P	P	P	06 07 26.1 -0.6	KURK	Kurchatov 64.40 324 P	P	P	06 08 29.9 -0.5
NRK	Noril'sk 46.99 334 P	P	P	06 06 25.1 -0.2	ULN	comp=Z,20nm,1.0s		P	06 07 25.7 -0.9	KIRV	Kirov 64.41 345 LR	LR	LR	06 41 28.8
NRK	comp=Z,78nm,0.8s,baz=56,slow=7.0,SNR=60				ULN	Ulanbaatar 55.09 305 P	P	P	06 07 38.2	KIRV	comp=Z,459nm,18.3s,baz=3.9,slow=41	P	P	06 08 29.8 -0.5
NRK	comp=Z,96nm,0.9s				ULN	comp=Z,21nm,1.1s		P	06 07 26.0 -0.6	XAN	Xi'an 64.50 293 P	P	P	06 08 30.8 -0.6
NRK	Noril'sk 46.99 334 P	P	P	06 06 24.9 -0.4	ULN	Ulanbaatar 55.09 305 P	P	P	06 07 26.0 -0.4	XAN	comp=Z,31nm,0.9s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 30.3 -0.2	ULN	Ulanbaatar 55.09 305 P	P	P	06 07 26.0 -0.4	XAN	comp=Z,320nm,20.6s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 31.1	ULN	comp=Z,25nm,1.1s		P	06 07 26.6 -0.6	XAN	comp=Z,300nm,18.5s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 30.3 -0.2	ULN	comp=Z,46nm,0.9s		P	06 07 26.6 -0.6	XAN	comp=Z,310nm,19.2s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 31.1	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,320nm,20.6s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 30.3 -0.2	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,300nm,18.5s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 31.1	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,310nm,19.2s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 30.3 -0.2	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,310nm,19.2s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 31.1	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,310nm,19.2s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 30.3 -0.2	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,310nm,19.2s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 31.1	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,310nm,19.2s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 30.3 -0.2	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,310nm,19.2s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 31.1	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,310nm,19.2s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 30.3 -0.2	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,310nm,19.2s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 31.1	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,310nm,19.2s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 30.3 -0.2	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,310nm,19.2s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 31.1	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,310nm,19.2s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 30.3 -0.2	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,310nm,19.2s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 31.1	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,310nm,19.2s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 30.3 -0.2	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,310nm,19.2s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 31.1	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,310nm,19.2s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 30.3 -0.2	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,310nm,19.2s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 31.1	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,310nm,19.2s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 30.3 -0.2	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,310nm,19.2s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 31.1	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,310nm,19.2s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 30.3 -0.2	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,310nm,19.2s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 31.1	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,310nm,19.2s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 30.3 -0.2	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,310nm,19.2s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 31.1	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,310nm,19.2s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 30.3 -0.2	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,310nm,19.2s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 31.1	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,310nm,19.2s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 30.3 -0.2	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,310nm,19.2s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 31.1	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,310nm,19.2s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 30.3 -0.2	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,310nm,19.2s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 31.1	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,310nm,19.2s	L	L	
NRK	Noril'sk 46.99 334 P	P	P	06 06 30.3 -0.2	ULN	Kevo 55.25 358 P	P	P	06 07 26.4 -0.8	XAN	comp=Z,310nm,19.2s	L	L	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GMAL Guarumal, VERA, RSVS Rio de Jesus, VINA Juan Vinas, REPA Paraso, LCR2 La Lucha 2, ABE2 San Pablo, TAAYN Batan, PICO PH. Pirras, PCAYAS Pacayas, SAFE3 Santa Fe, Ver, TAVO Cartago, VTCV VTCV, Calle Va, RAFA San Rafael, V, ABRB Las Abbras, LCOCCO El Cocco, CVTO Turrialba Volc, VTR0 Volcan Turrial, CVTR Volcan Turrial, VICA Volcano Irazu, RVL4 Villa Bonita, TRIO Tres Rios, ACOS Acosta, PES3 Santiago, Vera, ECI Escuela Centro, LUJA Lujan, SJS Escuela Geolog, CAVENT San Jose, PAIB Pavas, San Jos, MARI3 Mariato, Verag, DOMI Santo Domingo, HDC Heredia, CALO3 Calobre, Verag, PILE Guapiles, GARIBITO Garabito Jaco, VBV1 V. Barva, CARI Cariari, TCS1 Tacares, ATEO Atenas, CACAO El Cacao, Vera, CACAO El Cacao, Vera, CACAO El Cacao, Vera, CACAO El Cacao, Vera, PES3 Pese, Herrera, RAMO San Ramon, TRT2 Tortugero, VPL1 V. Platanar, VPL2 V. Platanar, CHIT3 Chitre, TOS13 Tonosi, AZU Azuero, AZU Azuero, AZU Azuero, VTON El Valle, Cocl, COVE Coope Vega, Sa, JTS Las Juntas de, JTS Las Juntas de, JTS Las Juntas de, NYURE Nandayure, ACHOT3 Acohotines, Los, CMARA Lajas Hojanca, CMARA Lajas Hojanca, ZANG Zanguenga, Cho, BCIP Isla Barro Col, BCIP Isla Barro Col, BCIP Isla Barro Col, GAMB1 Gamboa, GAMB1 El Hiral, FRJ El Hiral, UPAL Upala, UPAL Upala, FLAM Flamenco Isian, FLAM Flamenco Isian, UPAL Univ. de Panam, UPAL Univ. de Panam, ALIBA Libera Aipor, BLUN Bluefields, BLUN Bluefields, CARN Rivas, ACON Acopya, BOAB BOACO BROADBAN, PRVC Isla de Provid, PRVC Isla de Provid, PRVC Isla de Provid, MATN Matagalpa, MATN Matagalpa, CNGA Al SSO del Vol, CNGA Al SSO del Vol, CNGN Cerro Negro, TGUH Tegucigalpa, Un, PACA Pacayal, JAYA Jayaque - finc, SLOZ Alcaldia de Sa, APG El Apazote, APG El Apazote, APG El Apazote, SDV Santo Domingo, CMIG Matias Romero, CMIG Matias Romero, ATAH Atahualpa, TXAR Lajitas Array, TXAR Lajitas Array, SIV San Ignacio, PDAR Pinedale Array, PDAR Pinedale Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ULM Lac du Bonnet, NVAR Mina Array, PLCA Paso Flores, YKA Yellowknife Arr, ILAR Gleason Array, TORO Torodi Arr, ASAR Alice Springs, WRA Warramunga Arr, SJA 25 06:16:41.0, 0.8, 18.2225:69.51W, h137km, 4km, ML3.4, IDC 25 06:16:41.2, 2.8, 18.345:69.20W, h122km, 20km, mb3.6/3, mbmp3.9/6, MS3.9/1, Error ellipse: s-maj=29.4km, s-min=23.7km az=70.0, GUC 25 06:16:43.9, 0.8, 18.205:69.44W, h114km, 5km, ML3.4, ISC 25 06:16:41.7, 0.9, 18.215:0.04:69.40W:0.07, h128km, 7km, n34, -180/54, 4C-20, Northern Chile. Includes stations like PB16 IPOC Station P, PB16 IPOC Station P, PB16 IPOC Station P, PB18 Visvir, AP01 Chacalluta, AP01 Chacalluta, AP01 Chacalluta, PB12 IPOC Station P, PB12 IPOC Station P, PB12 IPOC Station P, PX02 IPOC Station P, GO01 Chuzmiza, GO01 Chuzmiza, PSGCX Pisagua, PSGCX Pisagua, PSGCX Pisagua, PB11 IPOC Station P, PB11 IPOC Station P, PB11 IPOC Station P, PB08 IPOC Station P, PB08 IPOC Station P, PB08 IPOC Station P, TA02 Huaiquique, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, TA01 Diego Aracena, TA01 Diego Aracena, TA01 Diego Aracena, PB02 IPOC Station P, PB02 IPOC Station P, PB02 IPOC Station P, PB07 IPOC Station P, PB07 IPOC Station P, PB09 IPOC Station P, PB09 IPOC Station P, PB09 IPOC Station P, PB03 IPOC Station P, PB03 IPOC Station P, PB03 IPOC Station P, PB05 IPOC Station P, PB05 IPOC Station P, PB05 IPOC Station P, SIV San Ignacio, SIV San Ignacio, CFA Coronel Font, CFA Coronel Font, BDFB Brasilia, LPIG La Paz, TORO Torodi Arr, YKA Yellowknife Arr, IDC 25 06:26:23.3, 2.0, 40.46N:79.26E, h0km, mb3.6/6, mbmp3.7/12, ML3.2/6, MS3.2/2, Error ellipse: s-maj=13.3km s-min=12.2km az=79.0, NEIC 25 06:26:23.2, 6.0, 62N:0.02:79.27E:0.10, h10km, 1km, mb4.3/8, Error ellipse: s-maj=12.9km s-min=3.2km az=85.0, SOME 25 06:26:27.4, 0.40:82N:79.15E, h5km, NNC 25 06:26:29.0, 1.0, 40.82N:79.13E, h0km, mb5.0, mpv4.5, Error ellipse: s-maj=6.8km s-min=4.6km az=157.0, KRNET 25 06:26:28.0, 8.1, 5.40:75N:79.09E, mb4.4, ISC 25 06:26:24.8, 1.5, 40.57N:0.04:79.29E:0.03, h4km, gkm, n128, -194/173, mb4.0/5, 31C-13D, Southern Xinjiang. Includes stations like WUS Wushi, TARG Taragay, Kyrgy, TARG Taragay, Kyrgy, TARG Taragay, Kyrgy, TARG Taragay, Kyrgy.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TARG Taragay, Kyrgy, PRZ Przeval'ski, KDJ Kajisay, KDJ Kajisay, ANVS Anan'yev, ANVS Anan'yev, SATY Saty, SATY Saty, SATY Saty, SATY Saty, UZB Uzunbulak, UZB Uzunbulak, UZB Uzunbulak, SHLS Shalkode, SHLS Shalkode, SHLS Shalkode, NRN Naryn, NRN Naryn, NRN Naryn, PDGK Podgornoye, PDGK Podgornoye, PDGK Podgornoye, KPKS Kokpek, KPKS Kokpek, KPKS Kokpek, KPKS Kokpek, KTM5 Ketmen, KTM5 Ketmen, KTM5 Ketmen, KTM5 Ketmen, TNS5 Tian-Shan, TNS5 Tian-Shan, TNS5 Tian-Shan, TNS5 Tian-Shan, TNS5 Tian-Shan, KURS Kuram, KURS Kuram, KURS Kuram, KURS Kuram, MDOK Medeo, MDOK Medeo, MDOK Medeo, MDOK Medeo, MDOK Medeo, KOTS Kotyrbulak, KOTS Kotyrbulak, KOTS Kotyrbulak, BOOM Boomsokoye usch, BOOM Boomsokoye usch, BOOM Boomsokoye usch, KNDC Almaty, KNDC Almaty, IZV Izvestkoviy, IZV Izvestkoviy, IZV Izvestkoviy, AAA Alma-Ata, AAA Alma-Ata, AAA Alma-Ata, AAA Alma-Ata, KSH2 Kashi, KSH2 Kashi, KSH2 Kashi, KST Kastek, KST Kastek, KST Kastek, BLB Baldybastay, BLB Baldybastay, TKM2 Tokmak 2, TKM2 Tokmak 2, KTBS Karatobe, KTBS Karatobe, KTBS Karatobe, DJR Jarkent, DJR Jarkent, DJR Jarkent, DJR Jarkent, KNOS Konyrien, KNOS Konyrien, ARXS Arharly, ARXS Arharly, ARXS Arharly, ARXS Arharly.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TWK1 Hengchun, LAY Lan-yu, TWG2 Beinan, etc.

IDC 25 09:38:36.9u.0.6, 15.125x173.69V, h0km, mb4.0/10, mbtmp4.0/11, ML4.8/11, MS3.7/14, Error ellipse: s-maj=30.8km s-min=15.4km az=138.0

NEIC 25 09:38:37.7z.2.4, 15.055x173.42W, h10km, 1km, mb4.3/8, Error ellipse: s-maj=16.0km s-min=14.0km az=135.0

ISC 25 09:38:39.5u.0.6, 15.05x173.30W, h10km, n40, +172/27, mb4.0/12, MS4.0/11, Samoa Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, AFI 915nm, AFI 2.615nm, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, AS31 Alice Springs, ASAR comp=2.2,0nm,0.8s, etc.

NEIC 25 09:50:40.7z.1.8, 34.54N, 0.04-24.96E, h10km, 1km, mb4.3/6, Error ellipse: s-maj=9.6km s-min=7.2km az=99.0

IDC 25 09:50:40.5z.1.2, 34.73N, 24.95E, h0km, mb4.1/6, mbtmp4.0/10, ML4.0/4, MS3.2/1, Error ellipse: s-maj=19.9km s-min=13.5km az=47.0

ISK 25 09:50:43.7z.3.6, 34.68N, 25.20E, h19km, ML3.4/13, Gill 25 09:50:44.6z.0.0, 34.47N, 0.09-25.42E, h0km, mW3.7, confirmed

THE 25 09:50:45.1z.35, N35x2.5Ez, h10km, 3km, M3.6/12, ATH 25 09:50:45.6z.3.6, 34.68N, 25.09E, h19km, ML3.6/25, Latitude uncertainty: 1 km; Longitude uncertainty: 1 km

ISC 25 09:50:40.9z.1.3, 34.53N, 0.04-25.25E, h0km, 8km, n105, +161/132, mb4.1/9, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SIVA Sivas, SIVA Sivas, SIGNA Agios Nikolaos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANKY Antikythira Is, ANKY Antikythira Is, MHLO Agia Marina, etc.

MMAI 4.7nm, 0.3s, baz=312, slow=28, SNR=5.3, 0.8nm, 0.3s

AMAZ Amatzia 8.65 108 P S Sn 09 52 40.0 +1.7

MMLI Mount Malkishu 8.75 101 P S Sn 09 52 49.5 +1.8

MMLI Giv'at Ha'Em 8.76 96 P S Sn 09 54 25.7 +0.8

REMI Mount Ramon 8.94 113 P S Sn 09 52 52.4 +2.1

MZS Mizpe Shalem 9.02 106 P S Sn 09 54 31.4 +0.3

MZS Mazada 9.09 108 P S Sn 09 54 32.4 +0.5

MSBI Mazada 9.09 108 P S Sn 09 54 34.4 -0.1

GHAJ Ghor Haditha 9.25 107 P S Sn 09 52 57.3 +2.8

HRFI Mount Harif 9.42 116 P S Sn 09 52 57.8 +1.0

EIL Elat 9.55 118 P S Sn 09 53 01.8 +3.2

EIL Elat 9.55 118 P S Sn 09 53 01.3 +2.8

AKASG Malin Array Be 16.42 9 Pn 09 54 31.0 -0.3

AKASG Malin Array Be 16.42 9 Pn 09 54 36.2 +1.5

KBZ Khabaz 16.46 51 Pn 09 56 19.7 -2.5

FINES FINESS Array B 26.93 1 P 09 56 20.2 -2.0

FINES FINESS Array B 26.93 1 P 09 56 20.2 -2.0

TORD Torodi Ar. Bea 30.14 231 P 09 55 52.0 +2.7

TORD Torodi Ar. Bea 30.14 231 P 09 56 49.3 -1.9

TORD Torodi Ar. Bea 30.14 231 P 09 57 01.4

ARTI Arti 31.41 36 P Iamb Iamb 09 57 02.6 +0.5

ARCES ARCESS Array B 35.06 0 P 09 57 32.8 -0.9

KK31 Karatay Array 35.93 62 P Iamb Iamb 09 57 41.5 -0.1

KKAR Karatay Array 35.93 62 P 09 57 41.7 +0.2

MKAR Makanchi Array 44.06 56 P 09 58 50.1 +1.0

MKAR Makanchi Array 44.06 56 P 09 58 49.8 +0.7

ZALV Zalevovo Beam 45.39 46 P 09 58 59.2 -0.3

KSANE Kasane 52.04 180 P Iamb Iamb 10 00 02.6

ISK 25 09:51:12.1z, 37.32N, 28.28E, h5km, ML2.2/4, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YERkesik, YERkesik, YERkesik, etc.

IDC 25 09:52:20.4z.1.0, 10.36N, 126.38E, h0km, mb4.0/9, s-min=16.6km az=64.0

MAN 25 09:52:21.0z, 10.46N, 126.67E, h7km, MS4.4

ISC 25 09:52:20.4z.1.0, 10.34N, 126.52E, h0km, 13km, n31, +1947/33, mb4.1/10, MS3.4/5, Philippine Islands

25d 10h

Table with columns: Station, Frequency, Power, Direction, and Time. Includes stations like GEC2, GERES, GERVES, etc.

2020 SEP

Table with columns: Station, Frequency, Power, Direction, and Time. Includes stations like DAVA, DAVOX, DAVOS, etc.

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Table with columns: Station, Frequency, Power, Direction, and Time. Includes stations like KNRA, KDU, KEDU, etc.

Table with columns: ICAO, Name, Elevation, Frequency, Mode, Power, and other technical details for stations in the 1329 region.

Table with columns: ICAO, Name, Elevation, Frequency, Mode, Power, and other technical details for stations in the 2020 SEP region.

Table with columns: Code, Station Name, Elevation, Frequency, Mode, Power, and other technical details for stations in the n132, r180/187, 1C-3D, Taiwan region.

25d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TWGBT, TWG, JKRS, etc.

IDC 25 11:28:46.4,999.0,50.55N,56.50E, h0km, Error ellipse: s-maj=634.8km s-min=22.3km az=97.0, Western

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I31KZ, I46RU, I45RU.

AUST 25 11:30:53.0,0.3,33'S ± 13.8E ± 1.6km, mb3.7/1, ML2.4/13, Error ellipse: s-maj=3.9km s-min=2.9km az=80.1, confirmed, Near coast of South Australia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NAPP, PTSP, PTPS, etc.

NDI 25 11:59:01.6, 1.0, 34.91N, 78.05E, h10km, ML3.8, MW3.6, Presumed earthquake

IDC 25 11:59:03.7, 0.9, 34.08N, 78.03E, h0km, mb3.7/1.0, mbmp3.7/14, ML3.3/3, MS3.7/2, Error ellipse: s-maj=25.1km s-min=12.4km az=64.0

ISC 25 11:59:07.3, 0.7, 34.41N, 0.05, 78.03E, h10km, n22, e±252/29, mb3.8/9, Kashmir-Khazang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ALCI, TSSA, DHRM, etc.

2020 SEP

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AAK, AAKR, MKAR, etc.

LVSN 25 12:29:59.1, 3.5, 59.64N, 25.29E, h0km, 34km, ML2.1, Presumed earthquake

HEL 25 12:30:01.0, 0.0, 59.58N, 24.58E, h0km, ML1.8, Explosion

EST 25 12:30:01.0, 0.0, 59.58N, 24.58E, h0km, ML1.8(HEL), Explosion

IDC 25 12:30:02.4, 3.0, 59.63N, 24.55E, h0km, mbmp2.8/2, ML2.0/3, Error ellipse: s-maj=31.0km s-min=11.7km az=157.0

ISC 25 12:29:58.9, 0.7, 59.61N, 0.02, 24.56E, h0km, n40, e±979/60, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EE02, LAUT, MEF, etc.

VSU comp=E,62nm,0.3s AML AML 12 31 01.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VSU, FIAO, FINES, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HFS, HFS, NOA, etc.

IDC 25 12:40:50.2, 10.0, 0.53S, 98.26E, h0km, mb3.3/3, mbmp3.3/3, Error ellipse: s-maj=548.3km s-min=28.6km az=54.0

DJA 25 12:41:13.6, 0.7, 1.1N, 6.1E, h157km, 7km, M3.0/7, MLV2.9/6, MLV3.0/7

ISC 25 12:41:12.9, 1.1, 0.61N, 0.10, 99.9E, 0.1, h150km, n9, e±139/9, mb2.9/3, Northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PBSI, GSI, KCSI, etc.

NEIC 25 12:59:58.6, 1.2, 8.91S, 0.09, 79.74W, 0.1, h57km, 9km, mb4.2/13, Error ellipse: s-maj=17.3km s-min=11.0km az=61.0

IDC 25 13:00:10.1, 0.1, 7.84S, 79.65W, h72km, 14km, mb3.6/13, mbmp3.9/16, MS3.6/8, Error ellipse: s-maj=16.4km s-min=8.8km az=72.0

VAO 25 13:00:06.1, 1.7, 8.31S, 79.14W, h103km, 11km, mb4.4, Presumed earthquake

ISC 25 12:59:57.5, 0.5, 8.90S, 0.05, 79.74W, 0.07, h45km, n71, e±154/61, mb4.0/13, MS3.6/5, Near coast of northern Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ATAH, NNA, CZSB, etc.

25d 16h

PAWZ	Paruwhai Farm	6.45 203	P	Pn	15 04 15.3	-1.6
MSWZ	Moikau Station	6.54 204	P	Pn	15 04 15.8	-2.2
DUWZ	D'Urville Isla	6.55 215	P	Pn	15 04 16.4	-1.8
WEL	Wellington	6.60 208	P	Pn	15 04 16.3	-2.4
SNZO	South Karori	6.64 208	P	Pn	15 04 17.3	-2.0
BHW	Balliser Head	6.67 206	P	Pn	15 04 17.2	-2.4
BHW	Balliser	6.68 204	P	Pn	15 05 30.3	-3.7
PLWZ	Paliser	6.68 204	P	Pn	15 04 17.1	-2.7
PLWZ			P	Pn	15 05 31.7	-5.3
TCW	Tory Channel	6.73 211	P	Pn	15 04 17.6	-2.7
TCW			P	Pn	15 05 32.8	-5.3
GLKZ	Green Lake	6.80 25	P	Pn	15 04 06.1	-2.5
GLKZ			P	Pn	15 05 17.8	-2.2
TUWZ	Tuamarina	7.05 211	P	Pn	15 04 22.1	-2.3
TUWZ			P	Pn	15 05 43.0	-2.5
QRZ	Quartz Range	7.27 221	P	Pn	15 04 25.9	-1.3
KHZ	Kahurangi	8.04 209	P	Pn	15 04 34.4	-2.6
CTZ	Chatham Island	8.95 158	P	Pn	15 04 58.3	+1.0
DZM	Mont Dzumac	17.20 318	P	Pn	15 06 27.2	-0.6
MSVF	Nonsavu	17.70 358	P	Pn	15 06 30.6	-2.7
MSVF			P	Pn	15 06 30.6	-2.7
AFI	Afiamau	23.10 24	P	Pn	15 07 28.1	0.0
ASAR	Allice Springs	40.49 274	P	Pn	15 10 00.7	+1.8
ASAR			P	Pn	15 10 00.7	+1.8
WRA	Warramunga Arr	41.95 280	P	Pn	15 10 11.7	+1.0
WRA			P	Pn	15 10 11.7	+1.0
QSPA	South Pole Qui	54.63 180	P	Pn	15 11 54.8	+8.1
PETK	Petroglyphs	90.13 347	P	Pn	15 15 15.6	+0.3
PETK			P	Pn	15 15 15.6	+0.3
ARCES	ARCCESS Array B	142.90 345	PKP	PKIPK	15 21 51.1	+1.0
ARCES			PKP	PKIPK	15 21 51.1	+1.0
FINES	FINESS Array B	148.81 335	PKP	PKIPK	15 22 02.7	+0.3
FINES			PKP	PKIPK	15 22 02.7	+0.3
BRTR	Keskin Array B	152.20 289	PKP	PKIPK	15 22 12.3	+2.0
BRTR			PKP	PKIPK	15 22 12.3	+2.0
TORD	Torodi Arr	157.60 187	PKP	PKPab	15 22 47.8	+3.6
TORD			PKP	PKPab	15 22 47.8	+3.6

IDC 25 15:10:33.5±2.2, 4.32S; 144.70E; h103km±21km, mb3.2/3, s-min=12.6km az=49.0

ISC 25 15:10:33.6±1.2, 4.35S; 0.1; 144.7E; 0.1, h100km, n8, s=1940, mb3.5/3, Near north coast of New Guinea

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
JAY	Jayapura	4.37 294	Op	h m s	ISC
JAY			Op	15 11 39.6	+1.8
JAY			Op	15 12 27.7	+0.1
PMG	Port Moresby	5.62 154	P	15 11 56.3	+1.6
PMG			P	15 12 56.6	-1.4
SIUI	Sorong	13.84 284	P	15 13 43.9	-1.7
WRA	Warramunga Arr	18.52 212	P	15 14 41.7	-0.6
ASAR	Allice Springs	21.87 207	P	15 15 18.3	-0.2
LEM	Lembang	36.98 264	LR	15 37 36.7	
VNDA	Vanda	73.72 176	P	15 21 56.3	+0.1
ILAR	Elison Array	84.86 24	P	15 22 56.0	-0.9
ILAR			P	15 22 56.0	-0.9

NEIC 25 15:16:58.1±2.7, 6.2°13S; 0.07x58°15W; 0°08, h10km±2km, mb4.0/12, Error ellipse: s-maj=12.6km s-min=5.6km

IDC 25 15:16:59.4±0.9, 6.2°14S; 57.87W; h0km, mb4.0, mbmp4.0/9, MS3.6/15, Error ellipse: s-maj=47.0km s-min=17.0km az=77.0

ISC 25 15:17:00.2±0.6, 6.224S; 0.06; 58.29W; 0°08, h10km, n61, s=1999/44, mb4.6/21, MS3.6/15, 4D, South Shetland Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
ESpz	Base Esperanza	1.30 153	Op	h m s	ISC
ESpz			Op	15 17 22.2	-2.2
PMSA	Palmer Station	3.62 223	Pn	15 17 54.5	-1.7
PMSA			Pn	15 18 48.4	+0.3
SMAI	San Martin Ant	6.97 208	Pn	15 18 40.4	-1.8
GO10	Punta Arenas	11.36 318	P	15 20 14.6	+3.2
COYC	Coyhauke	18.50 328	P	15 21 20.9	+4.5
VNA3	Neumayer Olymp	20.57 136	P	15 21 41.8	+0.8
VNA3			P	15 21 22.4	-1.6
LL02	Futaleufu	20.69 331	P	15 21 42.3	-0.2
VNA1	Neumayer-Stat	21.04 135	P	15 21 46.4	+2.7
SNA4	Sanaz	22.75 138	P	15 22 04.0	+2.0
SNA4			P	15 22 03.4	+1.3
SNA4			P	15 29 29.1	
PLCA	Paso Flores	22.77 335	P	15 22 03.7	+1.1
PLCA			P	15 29 36.3	
GO06	Curarehue	24.06 334	P	15 22 13.6	-1.9
GO06			P	15 22 21.0	
GO06			P	15 22 16.1	+0.6
TROLL	Troll, Antarti	24.38 139	P	15 22 20.7	+2.4
BI02	San Fabin de	26.85 336	P	15 22 37.4	-3.3
BI02			P	15 22 42.0	+1.3
QSPA	South Pole Qui	27.98 180	P	15 22 53.0	+2.2
QSPA			P	15 35 14.8	
QSPA			P	15 22 51.6	+0.8
QSPA			P	15 23 00.7	
BO02	Sierra Bellavi	28.58 338	P	15 22 51.8	-4.4
BO02			P	15 22 57.1	+0.9
BO01	Tunca	29.03 338	P	15 22 59.7	-0.4
BO04	La Punta	29.34 339	P	15 23 04.8	
BO04			P	15 23 04.8	
MT08	Bocatoma R	29.77 340	P	15 23 06.8	-0.2
MT08			P	15 23 15.1	
PEL	Peldub	30.18 339	P	15 23 11.1	+0.7
VA03	San Esteban	30.52 339	P	15 23 11.2	-2.3
VA03			P	15 23 15.4	+1.9
CO04	Los Peladeros	31.30 339	P	15 23 18.3	-2.2
CO02	Combarbal	32.12 339	P	15 23 26.5	-1.1
CO03	El Pedregal	32.43 340	P	15 23 29.8	-0.5
GO04	Tololo Observa	33.10 340	P	15 23 35.6	-0.7
CO01	Juntas del Tor	33.18 341	P	15 23 37.1	0.0

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CO01	Juntas del Tor	33.18 341	P	P	15 23 38.5	+1.5
AC04	Llanos de Chal	35.07 340	P	P	15 23 50.0	-3.1
CPUP	Villa Florida	35.91	P	P	15 24 00.1	-0.3
CPUP			LR	LR	15 40 27.6	
AC02	Mariungua	36.13 343	P	P	15 23 59.5	-3.4
AC02			IAMB	IAMB	15 24 08.8	
VNDA	Vanda	36.31 193	LR	LR	15 24 01.2	-1.6
AC02	Mariungua	36.13 343	P	P	15 24 01.2	-1.6
MAW	Mawson	43.67 152	P	P	15 25 06.0	+1.6
MAW			P	P	15 43 25.7	
LPAZ	La Paz	46.42 347	P	P	15 25 28.9	+1.4
LPAZ			P	P	15 45 50.5	
LPAZ	La Paz	46.42 347	P	P	15 25 24.9	-2.6
BDFB	Brasilita	47.11	P	P	15 25 32.1	-0.2
RPN	Rapa Nui	48.46 292	LR	LR	15 41 04.8	
CASEY	Casey	51.52 174	P	P	15 26 08.4	-0.6
SUR	Sutherland	56.92 97	LR	LR	15 46 40.3	
H10S3	ASCENSION HYDR61	81	T	T	16 34 36.6	
H10S2	ASCENSION HYDR61	85	T	T	16 34 31.8	
BOSA	Boshof	62.15 99	LR	LR	15 49 02.2	
H10N3	ASCENSION HYDR62	96	T	T	16 35 53.6	
H10N1	ASCENSION HYDR62	96	T	T	16 35 53.9	
H10N2	ASCENSION HYDR62	98	T	T	16 35 55.0	
LBTB	Lobatos	65.37 97	LR	LR	15 50 49.6	
MATP	Matopo	70.66 97	LR	LR	15 53 55.0	
SDV	Santo Domingo	71.56 347	LR	LR	16 00 05.1	
LSZ	Lusaka	74.98 94	LR	LR	15 57 55.8	
CMIG	Matias Romero	84.18 325	LR	LR	16 02 09.6	
TORD	Torodi Arr	88.37 58	P	P	15 29 50.5	-1.5
WRA	Warramunga Arr	97.48 192	P	P	15 30 33.8	-0.4
MKAR	Makanchi Array	152.94 106	PKP	PKPbc	15 36 56.0	-0.5
MKAR			PKP	PKPbc	15 36 56.0	-0.5

KRNET 25 16:02:39.1±0.1, 40.66N; 79.29E, mb3.1

SOME 25 16:02:40.0, 40.77N; 79.33E, h10km

NNC 25 16:02:43.2±0.2, 40.87N; 79.22E, h0km, mb3.6, mpv3.0, Error ellipse: s-maj=14.0km s-min=12.6km az=0.0

ISC 25 16:02:40.7±2.0, 40.68N; 0.1; 79.32E; 0.07, h10km, n34, s=1927/54, 9C-12D, Southern Xinjiang

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
TARG	Taragay, Kyrgy	1.59 314	Op	h m s	ISC
TARG			Op	16 03 08.1	-1.2
PRZ	Przheval'sk	1.98 340	P	16 03 29.4	+0.7
KDJ	Kajaisay	2.21 314	P	16 03 15.3	-1.7
KDJ			P	16 03 41.9	+0.0
ANVS	Anan'yevov	2.49 331	P	16 03 46.8	-1.4
ANVS			P	16 03 22.4	+1.0
SATY	Saty	2.53 345	P	16 03 53.6	-2.8
SATY			P	16 03 25.1	-1.1
SATY			P	16 03 57.8	
SATY			P	16 03 25.1	-1.1
SATY			P	16 03 57.8	
UZB	Uzbyunbalk	2.53 355	Pg	16 03 24.0	-2.3
UZB			Pg	16 03 55.6	
UZB	Uzbyunbalk	2.53 355	eP	16 03 24.0	-2.3
UZB			eP	16 03 55.6	-2.0
SHLS	Shalkoke	2.53	2 P	16 03 24.8	-1.5
SHLS			Pg	16 03 57.2	
SHLS	Shalkoke	2.53	2 eP	16 03 24.8	-1.5
SHLS			eP	16 03 57.2	-0.4
NRN	Naryn	2.64 289	P	16 03 24.7	+1.1
NRN			P	16 03 58.0	-2.8
PDGG	Podgornoye	2.71	3 Pn	16 03 28.0	-1.3
PDGG			P	16 03 59.3	
ULHL	Ulhal	2.83 306	P	16 03 26.8	+0.7
ULHL			P	16 04 01.7	+1.4
JNKS	Jany-Kuch	2.84 280	P	16 03 27.0	+0.7
JNKS			P	16 04 02.0	+1.4
KPKS	Kokpek	2.88 351	Pg	16 03 31.0	-1.3
KPKS			Pg	16 04 07.5	
KPKS			eP	16 03 31.0	-1.3
KPKS			eS	16 04 07.5	-0.1
KTMS	Ketman	2.92	15 P	16 03 31.7	-1.3
KTMS			Pg	16 04 08.9	
KTMS			eP	16 03 31.7	-1.3
KTMS			eS	16 04 08.9	0.0
KURS	Kuram	2.99 344	Pg	16 03 33.9	-0.2
KURS			Pg	16 04 12.7	
KURS	Kuram	2.99 344	eP	16 03 32.8	-1.3
KURS			eS	16 04 10.5	-0.1
TNSS	Tian-Shan	2.99 324	Pg	16 03 33.8	-0.6
TNSS			Pg	16 04 12.5	-0.6
TNSS			eS	16 04 12.5	-1.4
MDOK	Medeo	3.05 327	Pg	16 03 34.3	-0.9
MDOK			Lg	16 04 13.6	
MDOK			eP	16 03 34.3	-0.9
MDOK			eS	16 04 13.6	+1.0
KOTS	Kotyrbulak	3.09 328	Pg	16 03 34.7	-1.1
KOTS			Lg	16 04 14.2	
KOTS			eP	16 03 34.7	-1.1
KOTS			eS	16 04 14.2	+0.6
BOOM	Boomsokoye usch	3.15 307	P	16 03 31.5	+1.0
BOOM			P	16 04 09.5	+1.3
KST	Kastek	3.48 315	Pg	16 03 41.7	-0.8
KST			Pg	16 04 26.0	

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KST	Kastek	3.48 315	eP	Pb	16 03 41.7	-0.8
KST			eS	Sb	16 04 26.0	+1.0
BLB	Baldybastay	3.53 350	Pg	Pb	16 03 43.5	+0.3
BLB			Lg	Lg	16 04 29.6	
TKM2	Tokmak 2	3.61 311	P	Pn	16 03 37.7	+0.8
TKM2			P	Pn	16 04 20.7	+1.1
DJR	Jarkent	3.72	5 eP	Sb	16 03 46.9	+0.3
DJR			Pg	Lg	16 04 34.9	
DJR			eP	Pb	16 03 46.2	-0.4
DJR			eS	Sb	16 04 34.0	+2.2
KNOS	Knylen	3.73 358	Pg	Pg	16 03 46.5	-0.3
KNOS			Lg	Lg	16 04 34.4	

MOS 25 16:46:

25d 16h

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Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like TDK, KPKS, NGOA, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like ILAR, ELIELSON, QIS, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like P32M, NOUC, P33M, etc.

Table with columns for station name, coordinates, time, and status. Includes stations like Raoul Island, Van, Ozalp-Mer, etc.

Table with columns for station name, coordinates, time, and status. Includes stations like Hansel Valley, VLDL, BSD, etc.

Table with columns for station name, coordinates, time, and status. Includes stations like TREC, Trest, Trest, etc.

SNET 25 16:50:44.8.0.9, 12.80N:88.94W, h27km, 22km, ML4.2, Presumed earthquake
CATAC 25 16:50:44.6.0.3, 13.13N:2.87W, h24km, 2km, M4.3/2, ML4.3, Presumed earthquake

Table with columns for Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Includes stations like ALJI, ALJI, ALJI, etc.

25d 17h

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1338

Main table containing station names, codes, coordinates, and various data points. Includes a large table at the bottom with columns for Code, Station Name, Phase ID, Time, Res, and GSC.

NEIC 25 17:10:11.0, 1.0, 1.0, 3.3, 951N, 0.007, -116.408W, 0.009, h5km, 1km, ML3, 5/16, ML3, 7/21(PAS), Error ellipse: s-maj=1.7km, s-min=1.2km, az=165.0
IDC 25 17:10:11.8, 2.2, 8.3, 936N, -116.53W, h0km, mb3.3/1, mbtmp3.2/4, ML3, 7/3, Error ellipse: s-maj=50.9km, s-min=16.6km, az=51.0
PAS 25 17:10:11.4, 0.8, 0.3, 947N, 0.007, -116.396W, 0.009, h3km, 1km, Error ellipse: s-maj=1.1km, s-min=1.0km, az=53.0
ISC 25 17:10:11.9, 0.8, 33.94N, 0.011, -116.40W, 0.01, h9km, 6km, n154, 0.12/0.210, Southern California

NEIC 25 17:20:07.6, 1.1, 47.59N, 0.05, 92.52W, 0.06, h0km, 2km, mb_Lg3.0/17, ML3, 1/12, Error ellipse: s-maj=7.7km, s-min=6.8km, az=5.0

Table with columns: Station, Name, Time, Res, ISC, Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like BJ2, EVN, XLN, etc.

Table with columns: Station, Name, Time, Res, ISC, Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like IMAR, GERES, MLY, etc.

Table with columns: Station, Name, Time, Res, ISC, Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like SANI, MTN, SOE, etc.

25d 21h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GTA2, SONMI, PDKG, TARG, MKRAN, etc.

SSNC 25 20:54:13.2.0.3, 20:54N, 75:90W, h5km, MDO.8, ML0.4, Presumed earthquake, Cuba region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PINC, MORC, OKKC, etc.

2020 SEP

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LMGCG, KRJJI, MASII, etc.

1344

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MAUC, MAUC, MAUC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for DAVOX, AKASG, AKASG, NOA, FINES, FINES, FINES, EKA.

IDC 25 21:23:35.1+0.6, 2.71N, 31.26W, h0km, mb4.0/13, mbtmp4.0/14, ML4.2/1, MS3.8/47, Error ellipse: s-maj=21.4km s-min=12.7km az=131.0

Main table for station 1345, listing codes, station names, coordinates, and seismic data for various stations like RCBR, H10N3, H10N2, etc.

Main table for station 2020 SEP, listing codes, station names, coordinates, and seismic data for various stations like MBAR, BOSA, BOSA, BOSA, etc.

AFAD 25 21:32:08.3, 36.14N, 44.00E, h7km, 3km, ML2.7, Presumed earthquake

Main table for station 2020 SEP, listing codes, station names, coordinates, and seismic data for various stations like IKRK, IKRK, IKRK, etc.

Main table for station Md 21h, listing codes, station names, coordinates, and seismic data for various stations like SKR, SKR, SKR, etc.

25d 23h

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Yakutsk, Bethel, Hailar Array B, Tiksi, WAKE ISLAND Hy, etc.

2020 SEP

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Neilton Lookou, Borovoye Array, Borovoye, etc.

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Table with columns: Station Name, Time, Res, and various codes. Includes stations like Ivan, Gevas, Akdamar-Van, etc.

CATAC 25 23:37:53.8±0.5, 8°N 3°8'30"W, h8km±1km, M4.4/1, MLv4.4/1, Error ellipse: s-maj=6.5km s-min=3.4km az=4.3, confirmed UCR 25 23:37:53.1±0.8, 8°29'N-82°82'W, h26km±2km, MW4.6, Presumed earthquake UPA 25 23:37:53.5±1.1, 8°32'N-82°80'W, h21km±2km, MW4.5, Fault plane solution: N-PP-131.00000°, δ59.00000°, 1.53.00000°. Presumed earthquake IDC 25 23:37:55.0±0.3, 8°01'N-83°19'W, h68km±36km, mb3.4/6, mbmt3.6/8, ML3.4/2, MS3.3/5, Error ellipse: s-maj=80.2km s-min=36.1km az=42.0 ISC 25 23:37:52.3±0.7, 8°31'N-03°82'82"W-0.02, h32km±4km, n101.1±125/143, mb3.7/5, MS3.4/3, 9C-25D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like IDC 25 22:08:22.8±1.3, 25°52'N-141°32'E, h0km, mb3.4/3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like FIMO, RBALA, BURE, DRKO, WRA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BNNALP, ENSEGL, WILA, DAVA, FETA, RETA, MOTA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA, ASAR, MKAR, SJA, GUC, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KZIT, MZS, MSBI, etc.

IDC 26 06:23:44.1±0.7, 23.97N, 123.14E, h0km, mb4.2/15, mtmp4.2/18, ML3.4/3, MS4.0/14, Error ellipse: s-maj=16.0km s-min=15.3km az=178.0

Main table for station HHC, listing station names, coordinates, and observation times. Includes stations like HHC, HHC, HHC, etc.

Main table for station HHC, listing station names, coordinates, and observation times. Includes stations like HHC, HHC, HHC, etc.

Main table for station HHC, listing station names, coordinates, and observation times. Includes stations like HHC, HHC, HHC, etc.

26d 8h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Sandimen, Majia, Nanshi, Hengshan, Yuchr, etc.

2020 SEP

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Neicheng, Nanjuang, Miaoli, Fushanzhiwuyua, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ASAR, GUMO Gumu, STKA, HNR, CMAR, etc.

IDC 26 07:59:33.1±3.2, 2.81S, 127.85E, h22km, 19km, mb3.9/10, mbmp4.0/12, ML4.1/2, MS3.3/6, Error ellipse: s-maj=41.0km s-min=13.8km az=76.0

DJA 26 07:59:34.3±0.1, 3°S, 127.7E, h10km, M4.4/35, mb4.9/12, mb4.7/15, MLV4.5/35, Mw(mb)4.2/12

ISC 26 07:59:32.1±0.6, 2.88S, 0.06±127.44E, h10km, n34, c±256/34, mb4.0/10, MS3.0/3, Ceram Sea

SKHL 26 08:03:54.2±0.0, 47.00N, 153.10E, h88km, 2km, mb4.8/4, msh5.8/4
MOS 26 08:03:55.1±0.9, 47.19N, 152.65E, h88km, mb4.5/1, Error ellipse: s-maj=19.0km s-min=8.8km az=65.7
NEIC 26 08:03:55.8±1.7, 47.1N, 0.1x152.7E, 0.1, h77km, 8km, mb4.4/15, Error ellipse: s-maj=15.7km s-min=11.7km az=165.0

IDC 26 08:03:57.5±2.5, 47.19N, 152.65E, h90km, 22km, mb3.5/13, mbmp3.9/17, Error ellipse: s-maj=20.6km s-min=14.2km az=136.0

JMA 26 08:03:59.4±0.6, 46°N, 3°15'3E, h176km, MV3.7/17, KURILE ISLANDS REGION

ISC 26 08:03:53.5±0.6, 47.07N, 0.09±152.85E, h56km, n78, c±174/79, mb4.1/21, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like REI, KUR, SKR, etc.

26d 8h

Table with columns: Station Name, Time, Res, Op, ISC, h m s, ISC. Includes stations like PRHZ Porangahau, RHZ Rihia Road, HIZ Haulti, etc.

SDD 26 08:37:47.9±2.7, 18.91N-68.90W, h30km±10km, MD3.4, ML3.3, MW3.5, Presumed earthquake
RSRP 26 08:37:51.0, 19.67N-68.95W, h47km±31km, MD4.0/15
NEIC 26 08:37:50.8±2.0, 18.81N-68.92W, h30km±10km, ML3.4/38, Md4.0/15(RSPR), Error ellipse: s-maj=3.4km s-min=2.0km az=51.0

PTWC 26 08:37:51.18±0.90N, 68.90W, M3.4/18
OSPL 26 08:37:53.6±2.6, 18.76N-68.90W, h0km±19km, ML3.1, Presumed earthquake

ISC 26 08:37:50.9±0.8, 18.81N-68.96W±0.02, h18km±6km, n90, ±152/113, 8C-18D, Mona Passage

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like MIDR Miches, MIDR Miches, MIDR Miches, etc.

2020 SEP

Main table with columns: Station Name, Time, Res, Op, ISC, h m s, ISC. Includes stations like SDD comp=N,133nm,0.3s, IADR Nagua, IADR Nagua, etc.

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Table with columns: Station Name, Time, Res, Op, ISC, h m s, ISC. Includes stations like IGPR InterUniversit, IGPR InterUniversit, IGPR InterUniversit, etc.

IDC 26 08:37:57.6±0.8, 48.96S±31.00E, h0km, mb4.1/10, mbtmp4.2/11, ML4.5/1, MS3.5/9, Error ellipse: s-maj=29.4km s-min=17.4km az=64.0
NEIC 26 08:37:59.3±1.1, 49.0S±0.1±31.0E±0.2, h10km±1km, mb4.5/17, Error ellipse: s-maj=27.1km s-min=16.6km az=62.0

ISC 26 08:37:59.0±0.6, 48.92S±0.09±31.0E±0.2, h10km, n49, ±097/37, mb4.5/13, MS3.6/8, South of Africa

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like H04S2 CROZET ISLANDS, H04S3 CROZET ISLANDS, H04S1 CROZET ISLANDS, etc.

SDD 26 08:44:31.1±2.4, 18.60N-70.31W, h30km±12km, MD2.6, ML2.1, MW2.6, Presumed earthquake
OSPL 26 08:44:33.4±1.0, 18.62N-70.15W, h62km±12km, ML2.0, Presumed earthquake

ISC 26 08:44:33.4±1.2, 18.59N-70.04±0.03, h33km±3km, n91, ±892/18, 2C, Dominican Republic region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Code Station Name, Δ°, AZ°, Phase ID, Time, Res.

2020 SEP

26d 11h

Table with columns: WBO, WRA, H1S12, H1S11, ASAR, ASAR, FAKI, KNRA, BBOO, FITZ, MBWA, Vnda, Vnda, CMAR, SONM, SONM, QSPA, QSPA, L19K, L20K, ILAR, NVAR. Includes station names, codes, and various parameters like time, res, and ISC.

NEIC 26 10:55:01.9-1.8, 17.866N, 0.03:67.07W, 0.03, h10km, 1km, M3.3/32, MD3.3/17(RSPR), Error ellipse: s-maj=6.4km s-min=3.2km az=38.0

RSPR 26 10:55:02.0-1.7, 17.93N, 67.08W, h12km, MD3.3/17 PTWC 26 10:55:02.1-0.5, 17.92N, 67.06W, h11km, 1km, M3.4, OSPL 26 10:55:01.8-1.1, 17.92N, 67.07W, h11km, 2km, M2.5, Presumed earthquake

Main table for the first section with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists various stations like Maguueyes Islan, Cabo Rojo, Guanica, etc.

NEIC 26 11:26:25.9-1.4, 17.866N, 0.02:67.09W, 0.02, h10km, 1km, M3.3/32, MD3.3/17(RSPR), Error ellipse: s-maj=4.6km s-min=2.9km az=35.0

PTWC 26 11:26:25.9-1.7, 17.90N, 67.10W, h13km, M3.5/12 RSPR 26 11:26:27.3-1.7, 17.95N, 67.06W, h12km, MD3.3/16 OSPL 26 11:26:27.4-0.8, 17.92N, 67.07W, h11km, 2km, M2.5, Presumed earthquake

Main table for the second section with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists various stations like Maguueyes Islan, Cabo Rojo, Guanica, etc.

ISC 26 11:27:58.0-1.8, 56.21S:27.44W, h133km, 73km, M3.5/7, mbmp3.9/8, Error ellipse: s-maj=31.6km s-min=18.2km az=63.0

ISC 26 11:27:55.7-0.8, 56.25S:0.1x27.4W, 0.2, h112km, n10, 0.72/10, mb3.8/6, South Sandwich Islands region

Main table for the third section with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists various stations like Snaa, Paso Flores, Col San Antonio, etc.

Table with columns: MTRV, RUS, GRL, KRM, PETR, DALK, UGLR, SMAR, KKP, KRER, KRK, SPN, GNL, MKZ, KBTR. Includes station names, codes, and various parameters like time, res, and ISC.

DJA 26 11:33:57.2-1.4, 10.1N, 12.1x12.7E, h23km, 24km, M4.8/14, mb4.7/14, mB5.1/4, MLV4.9/3, Mw(mB)4.5/4

MAN 26 11:33:58.0, 9.24N, 126.74E, h14km, MS4.4, NEIC 26 11:33:58.0, 1.2, 9.28N, 0.07:126.6E, 0.1, h22km, 5km, mb4.5/21, Error ellipse: s-maj=15.2km s-min=10.0km az=90.0

ISC 26 11:34:06.2, 2.2, 9.17N, 126.56E, h92km, 20km, mb3.9/19, mbmp4.2/21, MS3.2/8, Error ellipse: s-maj=24.7km s-min=10.9km az=70.0

ISC 26 11:33:59.4, 1.5, 9.28N, 0.03:126.56E, 0.06, h32km, 10km, n9.0, 1.872/9/8, mb4.4/29, MS3.1/5, Mindanao

Main table for the fourth section with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists various stations like Bislig, Cateel, Cavayen de Oro, etc.

Table with columns: MKAR, P, 11 43 13.8 +0.7, etc. Includes stations like Makanchi Array, Podgornoye, Kashi, Zalesovo Beam, Kurchatov Arra, Borovoye Array, etc.

Table with columns: SDD, eS, IAML, Sn, 11 38 16.7 +0.9, etc. Includes stations like Santo Domingo, Isla Desecheo, Loma La Naviza, Puerto Rico Se, etc.

Table with columns: PRSN, 27um,0.2s, IAML, 11 38 49.8, etc. Includes stations like Puerto Rico Se, Cerrillos, Esperanza - Ma, etc.

PRE 26 11:37:24.6-1.1, 27.46S-27.57E, h0km, ML2.2, Suspected explosion, South Africa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HartRAO, Tswaing Meteor, Rust De Winter, etc.

PRE 26 11:38:56.0-0.4, 23.78S-27.40E, h30km, 20km, ML2.4, Presumed earthquake

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Cerrillos, Esperanza - Ma, Santiago de lo, etc.

PRE 26 11:38:56.2-0.6, 23.77S-28.29E, h0km, ML1.9, Suspected explosion, South Africa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Swartwater, Li, Rust De Winter, Tswaing Meteor, etc.

RSPR 26 11:37:32.4, 18.20N, 68.75W, h141km, 2km, MD3.1/6, SDD 26 11:37:33.2-2.3, 18.37N, 68.65W, h121km, 9km, MD3.6, ML3.8, MW3.8, Presumed earthquake

NEIC 26 11:37:32.1-1.4, 18.2N, 0.1, 68.75W, 0.05, h124km, 11km, ML3.7/40, Md3.2/6(RSPR), Error ellipse: s-maj=15.5km s-min=5.9km az=199.0

OSPL 26 11:37:34.1-1.4, 18.25N, 68.67W, h137km, 9km, ML3.5, Presumed earthquake

ISC 26 11:37:33.3-1.3, 18.28N, 0.06, 68.73W, 0.03, h129km, 7km, m177, c153/118, 42C-8D, Mona Passage

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Isla Saona, Higey Centre, Punta Cana, DR, Punta Cana, DR, etc.

RSPR 26 11:38:38.1-1.6, 17.93N, 67.07W, h12km, MD3.4/7, NEIC 26 11:38:38.1-1.6, 17.93N, 0.04, 67.08W, 0.02, h10km, 1km, ML3.7/30, Md3.4/17(RSPR), Error ellipse: s-maj=7.0km s-min=2.4km az=29.0

ISC 26 11:38:36.8-1.4, 17.31N, 0.06, 67.09W, 0.04, h19km, 2km, n36, c49/25/41, 3C-5D, Mona Passage

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like El Espartillar, El Aguacate, B, Luperon, San Antoni, etc.

KRSC 26 11:49:18.6-1.3, 49.20N, 156.31E, h16km, 17km, ML4.1, IDC 26 11:49:20.2-2.5, 49.12N, 155.17E, h91km, 24km, mb3.2/7, mbmp3.6/11, MS2.6/3, Error ellipse: s-maj=29.7km s-min=14.7km az=135.0

ISC 26 11:49:16.6-0.8, 48.98N, 0.10, 155.5E, 0.1, h51km, n30, c2303/36, mb3.4/7, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Severo-Kuril's, Puzhetka, Khandutka, Kamc, Asacha, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Pinedale Array, Warramunga Arr, Alice Springs, Lajitas Array.

MOS 26 12:11:02.0±0.7, 44°26'N, 141°55'E, h232km, mb3.9/1, Error ellipse: s-maj=15.7km, s-min=9.6km, az=84.3

SKHL 26 12:11:02.2±0.1, 44°30'N, 141°30'E, h212km, 7km, mb4.4/2, msh5.2/5

IDC 26 12:11:03.5±0.4, 44°30'N, 141°53'E, h222km, 4km, mb3.2/12, mblmp3.9/20, Error ellipse: s-maj=13.0km, s-min=10.9km, az=127.0

JMA 26 12:11:03.1±0.2, 44°30'N, 141°42'E, h233km, 1km, MV3.4/33, NW OFF HOKKAIDO

ISC 26 12:11:03.7±0.6, 44°28'N, 141°53'E, h227km, 5km, n48, o582/63, mb3.5/12, 1C, Hokkaido region

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Yagishiri, Shosan, Hokuryu, Asahikawa, etc.

BER 26 12:31:41.0±1.4, 67°25'N, 31°29'E, h0km, ML1.6, Suspected explosion

UPP 26 12:31:42.3±3.2, 67°64'N, 30°91'E, h0km, ML1.9, Presumed earthquake

KOLA 26 12:31:42.0±0.7, 67°64'N, 30°1'E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RS, 2022.

ISC 26 12:31:44.2±1.0, 67°50'N, 05°30'E, h0km, n16, o1524/26, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Apatity Array, Kovda, Lovozero, etc.

MEX 26 12:39:33.1±0.6, 15°07'N, 92°48'W, h112km, 5km, MD3.6, Presumed earthquake

GCG 26 12:39:34.7±0.7, 15°06'N, 92°26'W, h93km, 8km, MD3.7, Presumed earthquake

ISC 26 12:39:33.4±2.7, 15°11'N, 92°47'W, h102km, 14km, n9, o543/15, Mexico-Guatemala border region

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Patr, El Naranjo, Thig, etc.

IDC 26 12:15:01.6±1.1, 7°86'N, 37°26'W, h0km, mb4.1/5, mblmp4.1/5, MS3.4/13, Error ellipse: s-maj=33.1km, s-min=24.9km, az=148.0, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Guadeloupe/Mar, BDFB, Ascension Hydr27.53, etc.

BER 26 12:31:41.0±1.4, 67°25'N, 31°29'E, h0km, ML1.6, Suspected explosion

UPP 26 12:31:42.3±3.2, 67°64'N, 30°91'E, h0km, ML1.9, Presumed earthquake

KOLA 26 12:31:42.0±0.7, 67°64'N, 30°1'E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RS, 2022.

ISC 26 12:31:44.2±1.0, 67°50'N, 05°30'E, h0km, n16, o1524/26, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Apatity Array, Kovda, Lovozero, etc.

MEX 26 12:39:33.1±0.6, 15°07'N, 92°48'W, h112km, 5km, MD3.6, Presumed earthquake

GCG 26 12:39:34.7±0.7, 15°06'N, 92°26'W, h93km, 8km, MD3.7, Presumed earthquake

ISC 26 12:39:33.4±2.7, 15°11'N, 92°47'W, h102km, 14km, n9, o543/15, Mexico-Guatemala border region

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Patr, El Naranjo, Thig, etc.

IDC 26 12:40:35.1±0.9, 30°87'N, 103°73'E, h0km, mb3.6/6, mblmp3.5/9, ML3.8/3, MS3.0/6, Error ellipse: s-maj=28.1km, s-min=14.5km, az=78.0

ISC 26 12:40:37.6±0.9, 30°90'N, 103°09'103°8E, h0.2, h14km, n13, o578/9, mb3.5/5, MS3.0/5, Sichuan

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Lanzhou Array, Chian Mai Arr, etc.

GUC 26 12:40:58.6±0.6, 22°10'S, 68°03'W, h173km, 9km, ML2.9, SCB 26 12:40:58.8±1.2, 22°06'S, 67°84'W, h130km, 3km, MB4.1, ML2.9/2, Error ellipse: s-maj=6.6km, s-min=6.5km, az=0.0

ISC 26 12:40:58.6±2.3, 22°13'S, 68°08'W, h0km, n16, o1524/26, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like IPOC Station P, IPOC Station B, etc.

IDC 26 12:58:36.2±2.2, 8°82'S, 117°93'E, h144km, 16km, mb3.5/9, mblmp3.9/12, Error ellipse: s-maj=28.4km, s-min=10.7km, az=67.0

NEIC 26 12:58:37.6±1.6, 8°57'S, 109°118'36"E, h139km, 5km, mb4.2/12, Error ellipse: s-maj=15.5km, s-min=12.0km, az=66.0

ISC 26 12:58:38.0±0.5, 8°74'S, 106°118'43"E, h152km, n38, o232/44, mb3.9/11, Sumbawa region

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Maumere, Kappang, etc.

Table with station names and coordinates: MT14 Cerro Caljn, MT03 Universidad Ad, MT03 Pirque, MT12 Las Melosas, MT01 Popeta.

NOU 26 15:08:35.5, 37:97S: 175:08E, h97km, MLv3.9/13, North Island, New Zealand

WEL 26 15:08:39.6, 0.7, 38.4 x 17.6E, h152km, 6km, M3.2/27, ML2.2/2, MLv3.2/27, Error ellipse: s-maj=5.5km

s-min=5.1km az=167.0, confirmed

ISC 26 15:08:33.8, 1.8, 38:22S, 0:05, -175:38E, 0:05, h97km, 1.0km, n105, #97/118, North Island

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Galatos Road, Kaahu Road, Kaharoa, Handcock Road, etc.

Station list table: SNZO South Karori, MSWJ Moikau Station, TCW Tory Channel, PLWZ Palliser, TUWZ Tuamarina, etc.

IDC 26 15:19:20.1, 1.6, 127N, 126:24E, h0km, mb3.5/5, mbmp3.5/6, ML3.4/1, Error ellipse: s-maj=124.5km

DJA 26 15:19:29.1, 1.5, 1.4 x 12.7E, h35km, 35km, M3.7/18, mB5.5/2, mb3.6/3, MLv3.7/18, Mw(mb)5.0/2

ISC 26 15:19:26.9, 1.1, 1.3, N0.1, 126:62E, 0:08, h47km, n14, #2506/14, mb3.6/5, Northern Molucca Sea

Station list table: TMTI Ternate, MNI Manado, LBMJ Labuha, SANI Sanana, etc.

Station list table: FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Arr, etc.

Station list table: KURBS Kurchatov Arr, BVAR Borovoye Array, IDC 26 15:30:49.4, 8.7, 0:89S, 101:39E, etc.

DJA 26 15:30:54.5, 0.3, 1.5 x 3.1E, h194km, 4km, M4.6/43, mB5.1/8, mb5.0/8, MLv4.4/43, Mw(mb)4.5/8

ISC 26 15:30:54.6, 0.9, 0.95S, 102:06E, 0:10, 41E, 0.06, h203km, 6km, n40, #1949/36, mb3.8/12, Southern Sumatara

Station list table: SDSI Sungai Dareh, RGRJ Rengat, PPI Padang Panjang, KRJI Kerinci, etc.

Station list table: MASI Maura Aman, Be, JMBI Jambi, KSI Kapingiang, KS Dabo, etc.

Station list table: DSRI Pulau Batu, PBSI Pulau Batu, TPRI Tanjung Pinang, MNAI Manna, etc.

Station list table: PMSI Palembang, GSI Gunungsitoli, MDSI Maura Dua, MDSI Prapat, etc.

Station list table: KCSI Kotacane, Aceh, TPTI, TPTI Meulaboh, CMAR Chiang Mai Arr, WRA Warramunga Arr, etc.

Station list table: ASAR Alice Springs, ASAR, ASAR, SONM Songino Array, STKA Stephens Creek, etc.

Station list table: MKAR Makanchi Array, KURBS Kurchatov Arr, ZALV Zalesovo Beam, BVAR Borovoye Array, etc.

Station list table: H0A2Z CROZET ISLANDS, H0A1N CROZET ISLANDS, H0A4N CROZET ISLANDS, etc.

Station list table: BRTR Reskin Array B, FINES Fineness Array B, ARCES ARCES Array B, GSPA South Pole Qui, etc.

Table with station names and coordinates: TXAR Lajitas Array, 0.6nm, 0.6s, 142.01 38 PKP, etc.

NOU 26 15:31:10.0, 17:38S: 167:79E, h34km, MLv3.7/17, Vanuatu Islands, Vanuatu Islands

Station list table: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Devils Point, Devils Point, RTV Renlapo, etc.

BUJ 26 15:36:26.9, 40:28N: 141:99E, h70km, mb4.5/19, mB4.2/1, IDC 26 15:36:35.5, 1.6, 40:37N: 141:31E, h97km, 14km, mb3.7/20, etc.

NEIC 26 15:36:35.0, 2.3, 40:45N: 0:07, 141:3E: 0.1, h82km, 5km, mb4.5/37, Error ellipse: s-maj=13.1km s-min=8.9km

JMA 26 15:36:35.2, 0.1, 40:41N: 0:3, 141:4E: 0:6, h88km, MV3.5/40, EASTERN AOMORI PREF, EASTERN AOMORI PREF

JMA Fell II J1 at EASTERN AOMORI PREF, NIED 26 15:36:35.2, 40:39N: 141:38E, h88km, MW3.9, Moment Tensor solution, s3 Moment tensor: Scale 10^14Nm

Mir: 1.07; Mw: 7.41; Ms: 6.34; Ms: 3.42; Mw: 3.71; Fault plane solution: M0: 8.88000 x 10^14 Np1: 0.5900000; 0.6000000; -1.7500000; NP2: 0.32700000; 0.6800000; -1.3000000

ISC 26 15:36:34.5, 0.6, 40:38N: 0:03, 141:37E: 0:05, h93km, 5km, n08, #1929/119, mb4.3/38, 4D, Near east coast of eastern Honshu

Station list table: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JANG Nango, JANG, JTM Tenmabayashi, etc.

Station list table: JAH Hinai, JOM Ohasama, JOM Ohasama, JOT Ohasama, JOT Ohasama, etc.

Station list table: JMW Iwasaki, JRG Rokugo, JRG Rokugo, JSR Shiruichi, JSR Shiruichi, etc.

Station list table: JMK Ichinoseki, JKB Kayabe, JKB Kayabe, JOMM Oshimamatsura, JOMM Oshimamatsura, etc.

Station list table: JYK Kaneyama, JYK Kaneyama, ERM Arimo, ASAJ Asahikawa, ASAJ Asahikawa, etc.

Station list table: ASAJ, JKA Kamikawa-asahi, JMB9 Matsu-Tunnel, MAJO Matsushiro, MJAR Matsushiro Arr, etc.

Station list table: MJAR, JGF Kuroka, INU Inuyama, YSS Yuzhno-Sakhali, USA0B USSuriysk Arr, USRK USSuriysk Arr, etc.

Station list table: USRK USSuriysk Arr, JMN Monobe, MDJ Mudanjing, MDJ, KSRS Korea Array, CN2 Changchun, CN2, etc.

Station list table: PEAOB Petropavlovsk, PETK Petropavlovsk, PETK Petropavlovsk, PETK Petropavlovsk, etc.

Station list table: JOW Kunigami, HILR Hailar Array B, NJ2 Nanjing, MA2 Magadan, MA2 Magadan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries like K15K Ungalithiuk R, G18K Tagagawik, H18K Honhosa River, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries like KSRS 0.2nm,0.3s,baz=119,slow=14,SNR=1.8, WRA Warramunga Arr, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries like JAYA Jayaque -finc, PMON Piamonte, BGOES Bouenger, etc.

IDC 26 15:41:45.9.1.7, 33.85N-134.85E, h45km, 20km, mb3.0/4, mbtmp3.2/7, ML2.9/3, Error ellipse: s-maj=24.1km s-min=9.5km az=153.0

NIED 26 15:41:46.0.3, 33.82N-134.97E, h42km, ML3.7, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; Mn:2.25; Mw: -3.69; Ms: 1.44; Mr: -1.08; Ms: 1.50; Mr: -1.68; Fault plane solution: M0:0.470000x10^14 Np1: 0.139.000000, 0.833.000000, 1.425.000000. NP2: 0.652.000000, 0.863.000000, 1.42.000000

JMA 26 15:41:46.0.0.1, 33.81N, 0.2x135.0E:0.1, h42km, MV3.5/40, S PART OF KII CHANNEL

JMA Feil J1 at S PART OF KII CHANNEL. ISC 26 15:41:46.0.0.9, 33.81N, 0.06x134.95E:0.03, h43km, 9gkm, n18, 0.673/28, mb3.4/4, 9D, Shikoku

SNET 26 16:21:24.7.1.9, 14.39N-90.77W, h176km, ML3.6, ML3.2, Presumed earthquake

GCG 26 16:21:25.5.1.5, 14.48N-90.77W, h164km, 12km, MD4.4, Presumed earthquake

CATAC 26 16:21:26.9.0.4, 14.8N x 9.1W, h154km, M3.3/9, MLV3.3/9, Error ellipse: s-maj=17.7km s-min=6.3km az=169.0

ISC 26 16:21:27.4.3.0, 14.44N, 0.1x90.73W, h156km, 19gkm, n27, 0.659/33, Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries like ESSG Sabana Grande, FGG Yecopaca, F016 F016, etc.

BGR 26 17:10:17.1, 48.20S, 37.02E, h10km, Ms6.2, MOS 26 17:10:21.8.1.1, 48.20S, 31.83E, h10km, mb6.0/45, MS5.9/35, Error ellipse: s-maj=13.2km s-min=6.2km

BUI 26 17:10:21.9, 47.90S, 31.75E, h10km, Mb6.3/43, mb5.8/25, Ms6.2/64, Ms5.9/62

IDC 26 17:10:21.6.0.3, 47.99S, 31.84E, h0km, mb5.4/32, mbtmp5.4/33, ML5.1/1, MS5.8/60, Error ellipse: s-maj=11.7km s-min=7.7km az=78.0

NEIC 26 17:10:22.4, 48.03S, 31.77E, h10km, NEIC 26 17:10:22.5.1.4, 48.03S, 0.08x31.7E:0.1, h10km, 1km, mb6.2/219, MS 26 6.0/548, Mw6.1/54, Mw6.1/36, Error ellipse: s-maj=14.4km s-min=13.0km az=57.0, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mn:0.43; Mw: 1.43; Mr: -1.00; Mw: 0.09; Ms: 1.67; Mr: 0.05; Fault plane solution: Ms2:10000x10^18 Np1: 0.108.030000, 0.888.230000, 1.4.340000. NP2: 0.17.990000, 0.888.660000, 1.178.230000. Principal axes: T: 2.2871, Plg2:0.0000, Azm333.0000; N: -0.4381, Plg68.0000, Azm161.0000; P: -1.8490, Plg0.0000, Azm63.0000;

ISC-PP 26 17:10:22.48:03S:31.74E, h15km, Mwppms6.4, Moment Tensor Solution. s32 Moment tensor: Scale 10^18Nm; Mn:0.29x13; Mw:0.17x16; Ms:0.05x13; Mr:0.29x15; Mw:0.20x20; Mr:0.34x12; Fault plane solution: Ms4:79000x10^18 Np1: 0.31.800000, 0.866.300000, 1.555.000000. NP2: 0.12.100000, 0.811.400000, 1.42.700000.

IPG 26 17:10:22.0, 48.06S, 31.67E, h6km, Mw6.2, Fault plane solution: Np1: 0.100.000000, 0.862.000000, 1.26.000000. NP2: 0.203.000000, 0.867.000000, 1.149.000000.

GFZ 26 17:10:24.8.0.1, 48.2S, 32.2E, h10km, M6.0/43, mb5.9/43

GFZ 26 17:10:24.9, 48.07S, 31.95E, h16km, Mw6.2/56, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mn:-1.42; Mw:1.91; Ms:-0.49; Mr:0.66; Ms:1.51; Mr:0.53; Fault plane solution: Ms2:43488x10^18 Np1: 0.96.61644, 0.61.93576, 1.42.87283. NP2: 0.210.21041, 0.853.10320, 1.143.99468. Principal axes: T: 2.6672, Plg5.2708, Azm155.2564; N: 0.5635, Plg40.2929, Azm249.7424; P: 2.1037, Plg49.2176, Azm59.1172.

PTWC 26 17:10:24, 48.00S, 31.70E, h10km, Mw6.2/13

GCMT 26 17:10:25.0.0, 48.07S, 31.69E, h12km, Mw6.1/179, Moment Tensor Solution. s171 c359; s179 c641; Duration: 2s8 Moment tensor: Scale 10^18Nm; Mn:-0.98x0.01; Mw:1.64x0.01; Ms:-0.65x0.01; Mr:0.53x0.02; Mw:1.47x0.01; Mr:0.50x0.02; Best double couple: Mw:1.99600x10^18 Np1: 0.108.000000, 0.861.000000, 1.2.1000000. NP2: 0.205.000000, 0.878.000000, 1.150.000000. Principal axes: T: 2.4970, Plg11.0000, Azm333.0000; N: -0.9970, Plg58.0000, Azm225.0000; P: -1.4950, Plg30.0000, Azm70.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface/mantle

KAAM	Kaadhehdhoo	60.07	49	P	P	17 20 29.8	-0.8
KAAM	Kaadhehdhoo	60.07	49	P	P	17 20 30.0	-0.6
KAAM	Kaadhehdhoo	60.07	49	P	P	17 20 32.9	+2.3
KAAM	Kaadhehdhoo	60.07	49	P	P	17 20 32.8	+2.0
ATD	Arta Tunnel	60.13	12	LR	LR	17 44 52.8	
ATD	Arta Tunnel	60.13	12	P	P	17 20 33.9	+2.8
ATD	Arta Tunnel	60.13	12	S	S	17 28 43.9	0.0
ATD	Arta Tunnel	60.13	12	P	P	17 20 29.7	-1.3
ATD	Arta Tunnel	60.13	12	P	P	17 20 32.8	+1.8
ATD	Arta Tunnel	60.13	12	P	P	17 20 33.7	+2.7
H01W2	Cape Leeuwin H	60.20	110	P	P	17 20 31.1	0.0
H01W2	Cape Leeuwin H	60.20	110	T	T	18 26 34.2	
H01W3	Cape Leeuwin H	60.22	110	P	P	17 20 30.7	-0.4
H01W3	Cape Leeuwin H	60.22	110	T	T	18 26 32.9	
H01W1	Cape Leeuwin H	60.22	110	P	P	17 20 30.8	-0.4
H01W1	Cape Leeuwin H	60.22	110	T	T	18 26 32.2	
ACRG	Accra	60.47	323	P	P	17 20 31.6	-1.7
ACRG	Accra	60.47	323	Iamb	Iamb	17 20 39.3	
ACRG	Accra	60.47	323	P	P	17 20 34.5	+1.3
RKGY	Rocky Gulley	62.17	112	P	P	17 20 44.6	-0.1
AUHR	St Anne's Scho	62.49	110	P	P	17 20 49.0	+2.2
AUALB	St Joseph's Co	62.49	113	P	P	17 20 48.9	+2.1
CAM01	Campos-RJ	63.22	267	eP	P	17 20 53.3	+1.5
DBIC	Dimbokro	63.38	318	P	P	17 20 51.5	-1.3
DBIC	Dimbokro	63.38	318	S	S	17 29 22.6	-2.3
DBIC	Dimbokro	63.38	318	LR	LR	17 43 37.9	
DBIC	Dimbokro	63.38	318	P	P	17 20 50.8	-2.0
DBIC	Dimbokro	63.38	318	P	P	17 20 53.2	+0.1
MUN	Mundaring	63.42	109	P	P	17 20 53.1	0.0
MUN	Mundaring	63.42	109	P	P	17 20 53.9	+0.7
NWAO	Narrogin (SRO)	63.44	110	P	P	17 20 54.7	+1.5
NWAO	Narrogin (SRO)	63.44	110	P	P	17 20 54.5	+1.3
NWAO	Narrogin (SRO)	63.44	110	P	P	17 20 53.9	+0.7
NWAO	Narrogin (SRO)	63.44	110	P	P	17 20 52.7	-0.5
NWAO	Narrogin (SRO)	63.44	110	P	P	17 20 52.9	-0.3
NWAO	Narrogin (SRO)	63.44	110	P	P	17 20 52.5	-0.7
NWAO	Narrogin (SRO)	63.44	110	LR	LR	17 41 50.4	
NWAO	Narrogin (SRO)	63.44	110	P	P	17 20 53.2	0.0
NWAO	Narrogin (SRO)	63.44	110	P	P	17 20 53.3	0.0
NWAO	Narrogin (SRO)	63.44	110	P	P	17 20 52.1	-1.1
NWAO	Narrogin (SRO)	63.44	110	P	P	17 20 52.2	-1.0
NWAO	Narrogin (SRO)	63.44	110	Iamb	Iamb	17 20 55.4	
NWAO	Narrogin (SRO)	63.44	110	P	P	17 20 54.4	+1.1
GO08	Villa O'Higgin	63.75	226	P	P	17 20 53.4	-1.6
GO08	Villa O'Higgin	63.75	226	Iamb	Iamb	17 21 07.6	
GO08	Villa O'Higgin	63.75	226	IAMS_20	IAMS_20	17 43 34.5	
GO08	Villa O'Higgin	63.75	226	P	P	17 20 59.1	+4.1
RIB01	Linhares ES	64.11	270	eP	P	17 20 58.2	+0.4
AUKUL	Kulin High Sch	64.19	111	P	P	17 21 00.2	+2.1
CNLB	Canela	64.20	254	eP	P	17 21 00.5	+2.2
CNLB	Canela	64.20	254	P	P	17 21 02.0	+3.7
PLTB	Pedras Altas	64.31	250	eP	P	17 21 00.5	+1.5
PLTB	Pedras Altas	64.31	250	P	P	17 21 00.3	+1.3
COCO	West Island	64.32	79	P	P	17 20 58.5	-0.6
COCO	West Island	64.32	79	P	P	17 20 58.5	-0.6
COCO	West Island	64.32	79	Iamb	Iamb	17 21 21.6	
COCO	West Island	64.32	79	P	P	17 20 58.5	-0.6
COCO	West Island	64.32	79	IAMS_20	IAMS_20	17 42 05.4	
COCO	West Island	64.32	79	P	P	17 20 58.5	-0.6
BLDU	Ballidu	64.65	108	P	P	17 21 00.8	-0.5
BLDU	Ballidu	64.65	108	P	P	17 21 01.0	-0.2
BLDU	Ballidu	64.65	108	P	P	17 21 00.7	-0.5
BLDU	Ballidu	64.65	108	P	P	17 21 02.1	+0.9
KLBR	Kellerberrin	64.66	110	P	P	17 21 00.4	-0.8
KLBR	Kellerberrin	64.66	110	P	P	17 21 00.6	-0.6
KLBR	Kellerberrin	64.66	110	P	P	17 21 01.1	-0.2
BSFB	Barra de Sao F	64.76	270	eP	P	17 21 02.4	+0.4
BSFB	Barra de Sao F	64.76	270	P	P	17 21 02.6	+0.6
SJMB	Sao Joao De Ma	65.07	269	eP	P	17 21 04.2	+0.1
CPSS	Cacapava Do Su	65.12	252	eP	P	17 21 03.1	-1.2
CPSS	Cacapava Do Su	65.12	252	P	P	17 21 05.0	+0.7
CPSS	Cacapava Do Su	65.12	252	P	P	17 21 05.5	+1.2
MORW	Morawa	65.26	106	P	P	17 21 05.1	-0.1
MORW	Morawa	65.26	106	P	P	17 21 04.3	-0.9
MORW	Morawa	65.26	106	P	P	17 21 05.5	+0.2
MORW	Morawa	65.26	106	P	P	17 21 05.4	+0.2
MORW	Morawa	65.26	106	P	P	17 21 07.5	+0.5
PET01	Parque Anchore	65.26	261	eP	P	17 21 06.2	+0.9
ANCO	Coyhaique	65.34	246	eP	P	17 21 06.8	+1.1
ANCO	Coyhaique	65.34	246	P	P	17 21 05.7	-1.0
ANCO	Coyhaique	65.34	246	Iamb	Iamb	17 21 19.0	
COYC	Coyhaique	65.53	228	P	P	17 21 09.1	+2.4
COYC	Coyhaique	65.53	228	P	P	17 21 08.9	+2.2
HMDM	Hanimaadhoo	65.57	46	P	P	17 21 07.6	+0.4
HMDM	Hanimaadhoo	65.57	46	P	P	17 21 06.4	-0.8
HMDM	Hanimaadhoo	65.57	46	IAMS_20	IAMS_20	17 45 34.1	
HMDM	Hanimaadhoo	65.57	46	P	P	17 21 06.9	-0.3
HMDM	Hanimaadhoo	65.57	46	P	P	17 21 09.4	+2.2
GUA01	Guaratinga, BA	65.65	272	eP	P	17 21 08.9	+1.1
SPB	Sao Paulo	65.85	261	P	P	17 21 06.8	-2.2
SPB	Sao Paulo	65.85	261	IAMS_20	IAMS_20	17 44 03.1	
SPB	Sao Paulo	65.85	261	P	P	17 21 11.3	+2.3
BSCB	Bom Sucesso	65.87	265	eP	P	17 21 11.9	+2.5
VAO	Vaiinhos	65.94	262	P	P	17 21 11.9	+2.1
VAO	Vaiinhos	65.94	262	eP	P	17 21 11.9	+2.1
CMC01	Camacan, BA	66.33	273	eP	P	17 21 13.4	+2.1
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 13.3	-0.6
TORD	Torodi Ar. Bea	66.61	328	S	S	17 30 03.3	-1.3
TORD	Torodi Ar. Bea	66.61	328	LR	LR	17 48 44.3	
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 06.8	-2.2
TORD	Torodi Ar. Bea	66.61	328	IAMS_20	IAMS_20	17 44 03.1	
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 11.3	+2.3
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 11.9	+2.5
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 11.9	+2.1
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 13.4	+2.1
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 13.3	-0.6
TORD	Torodi Ar. Bea	66.61	328	S	S	17 30 03.3	-1.3
TORD	Torodi Ar. Bea	66.61	328	LR	LR	17 48 44.3	
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 06.8	-2.2
TORD	Torodi Ar. Bea	66.61	328	IAMS_20	IAMS_20	17 44 03.1	
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 11.3	+2.3
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 11.9	+2.5
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 11.9	+2.1
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 13.4	+2.1
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 13.3	-0.6
TORD	Torodi Ar. Bea	66.61	328	S	S	17 30 03.3	-1.3
TORD	Torodi Ar. Bea	66.61	328	LR	LR	17 48 44.3	
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 06.8	-2.2
TORD	Torodi Ar. Bea	66.61	328	IAMS_20	IAMS_20	17 44 03.1	
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 11.3	+2.3
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 11.9	+2.5
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 11.9	+2.1
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 13.4	+2.1
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 13.3	-0.6
TORD	Torodi Ar. Bea	66.61	328	S	S	17 30 03.3	-1.3
TORD	Torodi Ar. Bea	66.61	328	LR	LR	17 48 44.3	
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 06.8	-2.2
TORD	Torodi Ar. Bea	66.61	328	IAMS_20	IAMS_20	17 44 03.1	
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 11.3	+2.3
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 11.9	+2.5
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 11.9	+2.1
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 13.4	+2.1
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 13.3	-0.6
TORD	Torodi Ar. Bea	66.61	328	S	S	17 30 03.3	-1.3
TORD	Torodi Ar. Bea	66.61	328	LR	LR	17 48 44.3	
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 06.8	-2.2
TORD	Torodi Ar. Bea	66.61	328	IAMS_20	IAMS_20	17 44 03.1	
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 11.3	+2.3
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 11.9	+2.5
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 11.9	+2.1
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 13.4	+2.1
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 13.3	-0.6
TORD	Torodi Ar. Bea	66.61	328	S	S	17 30 03.3	-1.3
TORD	Torodi Ar. Bea	66.61	328	LR	LR	17 48 44.3	
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 06.8	-2.2
TORD	Torodi Ar. Bea	66.61	328	IAMS_20	IAMS_20	17 44 03.1	
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 11.3	+2.3
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 11.9	+2.5
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 11.9	+2.1
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 13.4	+2.1
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 13.3	-0.6
TORD	Torodi Ar. Bea	66.61	328	S	S	17 30 03.3	-1.3
TORD	Torodi Ar. Bea	66.61	328	LR	LR	17 48 44.3	
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 06.8	-2.2
TORD	Torodi Ar. Bea	66.61	328	IAMS_20	IAMS_20	17 44 03.1	
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 11.3	+2.3
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 11.9	+2.5
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 11.9	+2.1
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 13.4	+2.1
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 13.3	-0.6
TORD	Torodi Ar. Bea	66.61	328	S	S	17 30 03.3	-1.3
TORD	Torodi Ar. Bea	66.61	328	LR	LR	17 48 44.3	
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 06.8	-2.2
TORD	Torodi Ar. Bea	66.61	328	IAMS_20	IAMS_20	17 44 03.1	
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 11.3	+2.3
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 11.9	+2.5
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 11.9	+2.1
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 13.4	+2.1
TORD	Torodi Ar. Bea	66.61	328	P	P	17 21 13.3	-0.6
TORD	Torodi Ar. Bea	66.61	328	S	S	17 30 03.3	-1.3
TORD	T						

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Table with columns for station name, frequency, mode, and signal strength. Includes stations like AUHPS Peel High Scho, THZ Tophouse, QLP Quilpie, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like BRTR comp=Z,10nm,1.1s, JMU Jamu, BRTR comp=Z,0.2nm,0.3s, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like CTAO comp=Z,47nm,1.3s, CTAO Charters Tower, CTAO Charters Tower, etc.

26d 17h

Table with columns for station name, frequency, power, and signal strength. Includes stations like MDVR, PLOUS, PLOUS, etc.

2020 SEP

Table with columns for station name, frequency, power, and signal strength. Includes stations like BURAR, BURAR, BURAR, etc.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like DZA, DZA, DZA, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WAKE ISLAND, SAUJ, MWPI, and various other locations.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NVAR, ILAR, ILAR, SNA, and various other locations.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like OSC2, CAME, TEKE, and various other locations.

NEIC 26 17:48:06.1 ± 1.6, 35°06'N, 0°05'30"E, 0.06, h10km, 1km, mb4.0/16, Error ellipse: s-maj=9.2km s-min=7.6km az=216.0

NIC 26 17:48:08.9, 34°9'N, 30°70'E, h58km, 6km, ML3, 6/15

ISK 26 17:48:08.4, 34°9'N, 30°76'E, h73km, ML3, 7/40

AFAD 26 17:48:08.7, 35°01'N, 30°73'E, h7km, 4km, ML3.4

IDC 26 17:48:09.0, 35°05'N, 30°74'E, h29km, 24km, mb3.9/13, mbtmp3.9/20, ML3.6/8, MS2.4/1, Error ellipse: s-maj=11.5km s-min=8.6km az=34.0

Gll 26 17:48:13.5, 0.0, 33°95'N, 30°66'E, h0km, Mws3.6, confirmed

ISC 26 17:48:06.7, 0.5, 34°32'N, 0°03'30"E, 0.02, h21km, 3km, mb2.1, az22/310, mb4.0/15, 4C, Eastern Mediterranean

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AKMS, POL7C, OSC1, OSC2, OSC3, and various other locations.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, etc. Includes stations like YGR, MAAOB, MMAI, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, etc. Includes stations like GHAJ, IMMV, PRK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, etc. Includes stations like DJA, LUWU, AMPANA, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like PDG Podgorica, HUMER Humele, and many others.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like VARL Varlez, VLDLR Vladești, and many others.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like RONA, OBKA Obir, ARSA Arzberg, and many others.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like Tarama, Xicun, Dongxian, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like SODR, SODR, SC01, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like MK31, MKAR, MKAR, etc.

SDD 26 19:09:22.2, 2.2, 20.14N, 70.81W, h23km, 7km, MD3.5, ML2.7, MW2.8, Presumed earthquake
OSPL 26 19:09:27.4, 2.2, 20.28N, 70.86W, h20km, 8km, ML2.4, Presumed earthquake
ISC 26 19:09:24.6, 1.9, 20.23N, 0.06, 70.86W, 0.05, h20km, 5km, n15, c1500/26, 13C, Dominican Republic region
Code Station Name Az AzZ Phase ID Time Res ISC
LUDR Luperon 0.35 195.7 Sg 19 09 36.3 -1.0
LOPP1 Punta Rusia, P 0.50 221.1 eS 19 09 37.8 +1.1
LOPP1 Punta Rusia, P 0.50 221.1 eS 19 09 45.0 +0.3
LOPP1 Punta Rusia, P 0.50 221.1 eS 19 09 46.9

PVO	Paravola	2.57 239	P	Pn	22 51 05.7 -0.7
PVO			AML	AML	
SOMA	Soma-Manisa	2.59 107	Pn	Pn	22 51 06.7 0.0
PLNA	Plana	2.61 345	Pn	Pn	22 51 07.4 +0.3
EDRB	Edrine	2.62 43	Pn	Pn	22 51 07.4 0.0
BLCB	Balcova	2.62 126	P	Pn	22 51 07.3 +0.2
BLCB	Balcova	2.62 126	AML	AML	
BLCB	Balcova	2.62 126	Pn	Pn	22 51 06.8 -0.3
AMPL	Ampekali	2.64 248	P	Pn	22 51 07.5 +0.1
AMPL			AML	AML	
TKR	Tekirdag	2.64 66	Pn	Pn	22 51 07.2 -0.2
Edincik		2.72 81	Pn	Pn	22 51 08.3 -0.2
BALB	Balikcesir	2.74 96	Pn	Pn	22 51 08.5 -0.3
BALB	Balikcesir	2.74 96	Pn	Pn	22 51 09.1 +0.3
BALB	Balikcesir	2.74 96	Pn	Pn	22 51 09.1 +0.3
GMLD	Gumuldur	2.75 132	Pn	Pn	22 51 08.4 -0.4
GMLD			AML	AML	
PLEV	Plevnora-Mesol	2.76 237	Pn	Pn	22 51 09.2 +0.2
PLEV	Plevnora-Mesol	2.76 237	Pn	Pn	22 51 09.1 0.0
VTS	Vitosha	2.77 343	P	Pn	22 51 09.4 -0.1
VTS	Vitosha	2.78 343	P	Pn	22 51 09.7 +0.2
VTS			Sg	Sg	22 51 52.7 -1.3
KBN	Korca	2.80 285	P	Pn	22 51 11.4 0.0
KBN	Korca	2.80 285	P	Pn	22 51 10.1 +0.4
PDO	Prodromos	2.81 242	Pn	Pn	22 51 10.3 +0.6
CRLT	Corlu	2.83 65	Pn	Pn	22 51 10.1 +0.1
SUSR	Sursuruk-Balik	2.87 89	Pn	Pn	22 51 10.5 -0.1
DRO	Drossia	2.87 227	P	Pn	22 51 10.2 -0.4
DRO			Pn	Pn	22 51 09.5 -1.1
AKS	Akhisar	2.89 111	Pn	Pn	22 51 10.9 0.0
BAND	Balkesir-Ban	2.90 81	Pn	Pn	22 51 11.0 0.0
BAND			Sn	Sn	22 51 46.5 +0.4
PHSR	Pinarhisar	2.93 54	Pn	Pn	22 51 11.4 0.0
OHID	Ohrisari	2.94 294	Pn	Pn	22 51 12.4 +0.9
BOTS	Marmara Eregli	2.96 68	Pn	Pn	22 51 11.9 +0.2
BLSH	Balsha	3.00 345	Pn	Pn	22 51 13.2 +0.8
JMB	Yambol	3.02 32	Pn	Pn	22 51 13.1 +0.5
GOMA	Gomolmarmara-Man	3.04 113	Pn	Pn	22 51 12.7 -0.2
KCKT	Karacabey (Bur	3.05 87	Pn	Pn	22 51 13.3 -0.3
TRAN	Tran	3.14 337	Pn	Pn	22 51 14.6 +0.3
GORD	Gordes-Manisa	3.15 108	Pn	Pn	22 51 15.1 +0.7
SLVT	Silivri	3.20 65	Pn	Pn	22 51 14.8 -0.3
PVL	Pavlikeni	3.22 11	Pn	Pn	22 51 15.6 +0.3
SRN	Sarande	3.34 270	Pn	Pn	22 51 19.2 +2.2
CTYL	Yalikoy Yolu	3.35 62	Pn	Pn	22 51 16.2 -0.9
CTYL	Yalikoy Yolu	3.35 62	P	Pn	22 51 16.2 -0.9
CTYL			AML	AML	
SINB	Sinanoba-Istan	3.36 71	Pn	Pn	22 51 17.3 0.0
ITM	Ithomi	3.36 215	Pn	Pn	22 51 17.2 -0.2
ITM	Ithomi	3.36 215	Pn	Pn	22 51 17.2 +0.4
ITM	Ithomi	3.36 215	Pn	Pn	22 51 17.2 -0.2
ITM	Ithomi	3.36 215	Pn	Pn	22 51 18.1 +0.1
CTKS	Kestanelik-??a	3.41 67	Pn	Pn	22 51 18.0 +0.6
MPEP	Malo Peshtene	3.42 353	P	Pn	22 51 18.5 +0.3
VLI	Veliai	3.42 199	P	Pn	22 51 17.1 -1.1
VLI			AML	AML	
PHP	Peshkopia	3.43 301	Pn	Pn	22 51 18.6 +0.4
PLVB	Pleven	3.43 3	Pn	Pn	22 51 18.2 -0.1
KEK	Kerkira	3.51 267	Pn	Pn	22 51 18.9 -0.5
KEK	Kerkira	3.51 267	Pn	Pn	22 51 18.9 -0.5
KEK	Kerkira	3.51 267	Pn	Pn	22 51 19.9 +0.5
KEK	Kerkira	3.51 267	Pn	Pn	22 51 19.8 +0.8
SZH	Strazhitsa	3.52 20	Pn	Pn	22 51 19.3 -0.2
MANT	Manisa	3.58 113	Pn	Pn	22 51 21.2 +0.6
THERA	Ancient Thera,	3.70 166	P	Pn	22 51 21.3 -0.7
THERA			AML	AML	
VLO	Vlora	3.75 279	Pn	Pn	22 51 26.3 +3.7
VALD	Valchedram	3.79 350	Pn	Pn	22 51 23.2 +0.1
KLYT	Kilyos	3.80 69	Pn	Pn	22 51 23.2 -0.1
KLYT			AML	AML	
KTHA	Kythira Island	3.83 196	P	Pn	22 51 23.3 -0.6
ROIA	ROIAKI	3.87 35	P	Pn	22 51 24.6 +0.3
RZGZ	Razgrad	3.95 82	Pn	Pn	22 51 25.0 +0.2
NEF	NEVSHA	3.96 33	Pn	Pn	22 51 25.4 -0.2
AVR	AVREN	4.02 37	Pn	Pn	22 51 26.3 -0.1
BOVS	Bovan	4.17 333	Pn	Pn	22 51 27.7 -0.7
SILT	Sile	4.21 72	Pn	Pn	22 51 28.3 -0.6
PVY	Plav	4.22 310	Pn	Pn	22 51 29.7 +0.4
PVY			Sn	Sn	22 52 21.5 +2.6
PVY			AML	AML	
ULC	Ulcinj	4.35 299	Pn	Pn	22 51 32.4 +1.5
ULC			Sn	Sn	22 52 22.0 +0.2
ULC			AML	AML	
TAVA	DENIZLI Tavas	4.35 123	Pn	Pn	22 51 31.7 +0.6
IVA	Berane	4.43 312	Pn	Pn	22 51 33.1 +0.9
IVA			Sn	Sn	22 52 28.6 +4.6
IVA			AML	AML	
DRME	Dracevica, Mon	4.49 301	ePn	Pn	22 51 34.8 +2.0
DRME	Dracevica, Mon	4.49 301	Pn	Pn	22 51 35.2 +2.4
DRME			Sn	Sn	22 52 26.8 +1.6
DRME			AML	AML	
IMMV	Iera Moni Meta	4.50 184	P	Pn	22 51 32.0 -1.0
BUC1	Bucharest	4.56 15	Pn	Pn	22 51 33.0 -1.0
BUC1	Bucharest	4.56 15	Pn	Pn	22 51 33.6 -0.1
PDG	Podgorica	4.56 304	Pn	Pn	22 51 34.9 +1.0
PDG	Podgorica	4.56 304	ePn	Pn	22 51 34.9 +1.8
PDG	Podgorica	4.56 304	Pn	Pn	22 51 37.0 +3.1
PDG	Podgorica	4.56 304	Pn	Pn	22 51 35.6 +1.8
PDG			Sn	Sn	22 52 29.6 +2.6
PDG			AML	AML	
HUMR	Humele	4.59 6	Pn	Pn	22 51 33.7 -0.4
KALB	Balgarevo	4.60 40	Pn	Pn	22 51 35.2 +1.0
PSN	Preselentsi	4.64 36	Pn	Pn	22 51 34.6 -0.2
KOME	Kolasin	4.64 310	Pn	Pn	22 51 35.6 +0.6
KOME			Sn	Sn	22 52 32.4 +3.4
KOME			AML	AML	
SJES	Sjenica	4.65 317	ePn	Pn	22 51 35.8 +0.7
INCR	INCERC-Sedui C	4.67 16	Pn	Pn	22 51 35.7 +0.4
IDI	Anoiaia	4.67 175	Pn	Pn	22 51 35.0 -0.6
IDI			Sn	Sn	22 52 26.0 -4.1
IDI			AML	AML	
IDI			LR	LR	22 53 52.9
BORA	Eskisehir	4.79 175	Pn	Pn	22 51 35.9 +0.2
BUM	Brajic-Budva	4.74 301	Pn	Pn	22 51 38.0 +1.7
BUM			Sn	Sn	22 52 32.6 +1.3
BUM			AML	AML	
ARG	Arkhangelos	4.78 140	Pn	Pn	22 51 36.9 0.0
ARG	Arkhangelos	4.78 140	Pn	Pn	22 51 36.9 0.0
ARG	Arkhangelos	4.78 140	Pn	Pn	22 51 37.7 +0.9
ARG	Arkhangelos	4.78 140	Pn	Pn	22 51 37.9 +1.1
CEME	Cevo	4.84 304	Pn	Pn	22 51 39.5 +1.8
CEME			Sn	Sn	22 52 34.9 +1.0
CEME			AML	AML	
SULR	Sulcis	4.92 16	Pn	Pn	22 51 39.1 +0.3
NKME	Niksic	4.93 306	Pn	Pn	22 51 38.0 +2.0
NKME			Sn	Sn	22 52 38.5 +2.3
NKME			AML	AML	
KARP	Karpathos	4.94 152	Pn	Pn	22 51 38.6 -0.5
KARP	Karpathos	4.94 152	ePn	Pn	22 51 42.2 +3.2
KARP	Karpathos	4.94 152	Pn	Pn	22 51 39.0 -0.1
KARP	Karpathos	4.94 152	Pn	Pn	22 51 38.9 -0.1
KARP	Karpathos	4.94 152	Pn	Pn	22 51 39.0 -0.1
KARP	Karpathos	4.94 152	Pn	Pn	22 51 39.5 +0.5
KARP	Karpathos	4.94 152	Pn	Pn	22 51 40.8 +0.7
PLE	Piljevia	5.01 314	Pn	Pn	22 52 40.2 +3.8
PLE			Sn	Sn	22 52 42.0 +3.8
PLE			AML	AML	
SAHE	Sakarya_HENDEK	5.05 78	Pn	Pn	22 51 40.2 -0.3
ZKR	Zakros	5.05 162	Pn	Pn	22 51 45.6 +4.9
ZKR			AML	AML	
HCY	Herceg Novi	5.07 301	ePn	Pn	22 51 41.4 +0.7
HCY	Herceg Novi	5.07 301	Pn	Pn	22 51 41.7 +1.0
HCY			Sn	Sn	22 52 42.0 +2.6
HCY			AML	AML	
HMVG	Govdora	5.07 359	Pn	Pn	22 51 40.4 -0.4
GVGD	Govdora	5.12 182	Pn	Pn	22 51 43.2 +1.8
GVGD			AML	AML	
HERR	Herculane	5.12 344	Pn	Pn	22 51 40.4 -1.0
CVDA	Cernavoda	5.16 31	Pn	Pn	22 51 42.5 +0.5
MDVR	Moldovita	5.20 329	Pn	Pn	22 51 42.0 +0.6
BRY	Bratogost	5.26 306	ePn	Pn	22 51 45.0 +1.4
BRY	Bratogost	5.26 306	Pn	Pn	22 51 44.8 +1.2
BRY			Sn	Sn	22 52 45.9 +1.5
BRY			AML	AML	

MDUB	Mudurnu	5.27 82	Pn	Pn	22 51 43.7 0.0
MDUB	Mudurnu	5.27 82	Pn	Pn	22 51 43.9 +0.3
ISP	Isparta	5.27 112	Pn	Pn	22 51 43.6 0.0
ISP	Isparta	5.27 112	Pn	Pn	22 51 44.2 +0.6
ISP	Isparta	5.27 112	ePn	Pn	22 51 45.0 +1.3
ISP	Isparta	5.27 112	Pn	Pn	22 51 44.1 +0.3
TSCT	Constanta Port	5.28 36	Pn	Pn	22 51 43.7 0.0
TREB	Trebizinde	5.29 303	ePn	Pn	22 51 44.5 +0.7
MTUR	Matau	5.29 5	Pn	Pn	22 51 44.0 +0.2
MTUR	Matau	5.29 5	Pn	Pn	22 51 44.0 +0.2
TLBR	Topali	5.34 30	Pn	Pn	22 51 44.0 -0.4
BB	Balkanći	5.37 31	Pn	Pn	22 51 44.0 -0.1
ISR	Istrita	5.40 17	Pn	Pn	22 51 46.4 +1.0
ISR			AML	AML	
ARR	Arges	5.41 2	Pn	Pn	22 51 45.4 -0.1
ARR	Arges	5.41 2	Pn	Pn	22 51 45.1 -0.4
ARR			AML	AML	
ARR			AML	AML	
TIRR	Tirgusor	5.41 33	Pn	Pn	22 51 44.7 -0.7
TIRR	Tirgusor	5.41 33	Pn	Pn	22 51 44.7 -0.7
TIRR	Tirgusor	5.41 33	Pn	Pn	22 51 45.2 -0.2
TIRR	Tirgusor	5.41 33	Pn	Pn	22 51 44.8 -0.7
TIRR	Tirgusor	5.41 33	Pn	Pn	22 51 45.0 -0.5
TIRR			AML	AML	
TIRR			AML	AML	
HARR	Harsova	5.42 28	Pn	Pn	22 51 45.5 0.0
HARR	Harsova	5.42 28	Pn	Pn	22 51 45.6 0.0
ELL	Elmalı	5.42 125	Pn	Pn	22 51 47.2 +1.5
ELL	Elmalı	5.42 125	Pn	Pn	22 51 47.2 +1.5
VOIR	Voivodina	5.50 5	Pn	Pn	22 51 46.5 -0.2
VOIR	Voivodina	5.50 5	Pn	Pn	22 51 46.6 -0.2
VOIR			AML	AML	
VOIR			AML	AML	
LOT	Lotru	5.50 236	Pn	Pn	22 51 46.3 -0.5
GZR	Gura Zlata	5.55 348	Pn	Pn	22 51 46.9 -0.5
GZR	Gura Zlata	5.55 348	Pn	Pn	22 51 46.9 -0.5
NEHR	Nehouj	5.55 14	Pn	Pn	22 51 49.8 +1.1
MLR	Muntele Rosu	5.55 11	Pn	Pn	22 51 49.5 +0.6
MLR			Sn	Sn	22 52 54.1 +0.2
MLR			Lg	Lg	22 53 24.5
MLR			LR	LR	22 54 20.8
MLR			AML	AML	
MLR	Muntele Rosu	5.55 11	Pn	Pn	22 51 49.7 +0.8
MLR	Muntele Rosu	5.55 11	Pn	Pn	22 51 49.1 +0.2
MLR	Muntele Rosu	5.55 11	Pn	Pn	22 51 49.8 +0.8
MLR	Muntele Rosu	5.55 11	Pn	Pn	22 51 49.8 +0.4
MLR			AML	AML	
MLR	Muntele Rosu	5.55 11	Pn	Pn	22 51 49.7 +0.8
TPGR	Topolovo	5.75 30	Pn	Pn	22 51 49.8 -0.2
TPGR			Pn	Pn	22 51 50.9 +0.8
TEKS	Tekeris	5.81 324	ePn	Pn	22 51 50.1 -0.9
BISRR	Bisoca	5.85 17	Pn	Pn	22 51 52.5 +1.0
JURR	Jurilovca	5.86 33	Pn	Pn	22 51 51.5 -0.1
MATE	Matera	5.88 279	ePn	Pn	22 51 52.0 +0.2
MATE	Matera	5.88 279	ePn	Pn	22 51 51.1 -0.8
MATE	Matera	5.88 279	Pn	Pn	22 51 52.1 +0.2
MATE			Pn	Pn	22 51 51.7 -0.6
CFR	Caracul	5.92 27	Pn		

SUDU	Sudak	9.29	55	fP	Pn	22 52 37.3	-1.3	LESA	comp-Z,2.3nm,0.5s	eS	Sn	22 55 12.1	+0.3	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	DAVOX	Sn	Sn	22 55 39.1	-3.8					
SUDU	Sudak	9.29	55	fP	Pn	22 52 37.3	-1.3	AKASG	Malin Array Be	11.27	16	Pn	22 53 04.1	-1.7	comp-Z,2.0,3nm,0.3s,baz=131,slow=17,SNR=1.0	DAVOX	Sn	Sn	22 59 10.5					
SUDU	comp-Z,38nm,0.2s			pmx	pmx	22 52 39.9		AKASG	comp-Z,1.3nm,0.3s,baz=200,slow=13,SNR=45		LR	22 57 34.8		comp-Z,2.1nm,19.0s,baz=191,slow=38		LR								
SUDU	comp-N,74nm,0.5s			smx	smx	22 54 17.0	-6.2	AKASG	comp-Z,5.9nm,19.0s,baz=191,slow=38		AML	AML			DAVOX	AML	AML	22 53 25.2	+1.9					
SUDU	comp-E,61nm,0.7s			smx	smx	22 54 29.8		AKASG	Malin Array Be	11.27	16	eP	Pn	22 53 04.0	-1.7	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	LISJ	P	P	22 53 23.9	+0.5			
TOKA	Tokat	9.30	84		Pn	22 52 39.4	+0.5	AKASG	comp-Z,2.1nm,0.5s		pmx	pmx	22 53 04.2	-1.6	comp-Z,2.1nm,0.3s,baz=131,slow=17,SNR=1.0	GHAJ	Ghor Haditha	12.56	130	P	Pn	22 53 24.8	+1.4	
VYHS	Vyhne	9.40	337	eP	Pn	22 52 40.7	+0.5	AKKB	Malin Array Si	11.27	16	eP	Pn	22 53 04.2	-1.6	comp-Z,2.1nm,0.3s,baz=131,slow=17,SNR=1.0	GHAJ	Ghor Haditha	12.56	130	P	Pn	22 53 24.8	+1.4
VYHS	Vyhne	9.40	337	eP	Pn	22 52 40.7	+0.5	AKKB	Malin Array Si	11.27	16	eP	Pn	22 53 04.2	-1.6	comp-Z,2.1nm,0.3s,baz=131,slow=17,SNR=1.0	GHAJ	Ghor Haditha	12.56	130	P	Pn	22 53 24.8	+1.4
VYHS	Vyhne	9.40	337	eP	Pn	22 52 40.7	+0.5	AKKB	Malin Array Si	11.27	16	eP	Pn	22 53 04.2	-1.6	comp-Z,2.1nm,0.3s,baz=131,slow=17,SNR=1.0	GHAJ	Ghor Haditha	12.56	130	P	Pn	22 53 24.8	+1.4
PERH	Pernia	9.47	318	iP	Pn	22 52 42.2	+0.9	AKAB	Malin Array Ar	11.27	16	Pn	Pn	22 53 05.3	-0.7	comp-Z,1.7nm,0.3s,baz=74,slow=8.7,SNR=14	GHAJ	Ghor Haditha	12.56	130	P	Pn	22 53 23.7	+0.3
SOKA	Soboth	9.54	318	Pn	Pn	22 52 43.1	+0.9	MMAI	Mount Meron Ar	11.27	124	Pn	Pn	22 55 05.0	-7.1	comp-Z,1.7nm,0.3s,baz=74,slow=8.7,SNR=14	KESR	Kesra	12.59	255	Pn	Pn	22 53 24.0	+0.1
SOKA	comp-Z,5.4nm,0.3s,SNR=28							MMAI	comp-Z,5.9nm,0.3s,baz=316,slow=11,SNR=37		Sn	Sn	22 55 05.0	-7.1	comp-Z,1.7nm,0.3s,baz=74,slow=8.7,SNR=14	KESR	Sn	Sn	22 55 40.2	-4.1				
SOKA	comp-Z,4.2nm,0.5s			eS	Sn	22 54 26.9	-2.7	MMAI	comp-Z,6.2nm,0.3s,baz=329,slow=30,SNR=9.2		LR	LR	22 58 60.0		comp-Z,2.0,1nm,0.3s,baz=207,slow=19,SNR=1.0	KESR	Sn	Sn	23 00 13.6					
SOP	Sopron	9.55	326	P	Pn	22 52 44.1	-0.1	MMAI	comp-Z,3.9m,20.3s,baz=315,slow=46		AML	AML			comp-Z,2.1nm,18.8s,baz=207,slow=19,SNR=1.0	KESR	Sn	Sn	23 00 13.6					
FEO	Feodosiya	9.59	55	eP	Pn	22 52 41.2	-1.6	MMAI	comp-Z,2.0nm,0.7s		AML	AML			comp-Z,3.2nm,0.9s	KESR	Sn	Sn	22 53 25.3	+1.4				
FEO	Feodosiya	9.59	55	eP	Pn	22 52 41.2	-1.6	GOSH	GoshGoshir	11.28	123	AML	AML	22 53 06.0	0.0	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	KESR	Sn	Sn	22 53 23.9	0.0			
FEO	Feodosiya	9.59	55	eP	Pn	22 52 41.2	-1.6	GEM	Givat Ha'Em	11.31	123	fP	Pn	22 53 06.3	-0.1	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	KESR	Sn	Sn	22 58 10.0				
FEO	Feodosiya	9.59	55	eP	Pn	22 52 41.2	-1.6	GEM	Givat Ha'Em	11.31	123	fP	Pn	22 53 07.1	+0.7	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	PVCC	Panska Ves	12.60	330	AMS	AMS	22 53 25.5	-0.3
FEO	comp-Z,2.7nm,0.4s			eS	Sn	22 54 24.7	-6.0	GEM	Givat Ha'Em	11.31	123	fP	Pn	22 53 08.6	+0.4	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.6	+0.8
FEO	comp-N,29nm,0.4s			smx	smx	22 54 37.3		RNPPS	Starji Chortor	11.32	5	P	Pn	22 53 07.5	+0.4	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9
FEO	comp-E,6.0nm,0.4s			smx	smx	22 54 37.3		LVBS	Lehavot Habash	11.35	123	P	Pn	22 53 07.5	+0.4	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9
MGAB	Montegabbione	9.65	292	fP	Pn	22 52 44.1	+0.5	RJOB	Jocher	11.39	317	P	Pn	22 53 07.5	+0.4	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9
TRI	Trieste	9.66	310	P	Pn	22 52 43.0	-0.8	CKRC	Cesky Krumlov	11.39	324	eP	Pn	22 53 07.8	+0.3	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9
ANDN	Andrin	9.67	100	P	Pn	22 52 48.5	+4.5	CKRC	Cesky Krumlov	11.39	324	eP	Pn	22 53 07.8	+0.3	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9
RONA	Rosalia, Austr	9.67	326	Pn	Pn	22 52 43.1	-0.9	CKRC	Cesky Krumlov	11.39	324	eP	Pn	22 53 07.8	+0.3	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9
RONA	comp-Z,4.3nm,0.3s,SNR=9.0			eS	Sn	22 54 29.7	-3.1	CKRC	comp-Z,1.8nm,12.0s		AMS	AMS	22 57 20.0		comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9	
OBKA	Obir	9.69	316	Pn	Pn	22 52 45.5	+1.3	RSPN	Rosh Pina	11.39	124	P	Pn	22 53 07.7	+0.1	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9
OBKA	Obir	9.69	316	Pn	Pn	22 52 45.5	+1.3	AMID	Amiad	11.42	132	P	Pn	22 53 08.5	+0.6	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9
ARSA	Arzberg	9.69	322	fP	Pn	22 52 43.9	-0.3	KELT	Kelch	11.44	335	eP	Pn	22 53 10.8	+1.7	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9
ARSA	Arzberg	9.69	322	fP	Pn	22 52 44.2	-0.1	KRLC	Kraliky	11.44	335	eP	Pn	22 53 09.8	+1.7	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9
ARSA	Arzberg	9.69	322	fP	Pn	22 52 44.1	-0.1	KRLC	Kraliky	11.44	335	eP	Pn	22 53 09.8	+1.7	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9
ARSA	comp-Z,5.1nm,0.2s,SNR=66			eS	Sn	22 54 32.1	-1.2	KRLC	Kraliky	11.44	335	eP	Pn	22 53 09.8	+1.7	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9
ARSA	Arzberg	9.69	322	P	Pn	22 52 44.9	+0.7	KRLC	Kraliky	11.44	335	eP	Pn	22 53 09.8	+1.7	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9
STHS	Stebnicka Huta	9.71	348	eP	Pn	22 52 44.7	+0.3	PRMA	PARMA	11.44	299	P	Pn	22 53 07.4	-0.6	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9
STHS	Stebnicka Huta	9.71	348	eP	Pn	22 52 44.7	+0.3	MGDL	Migdal	11.45	125	P	Pn	22 53 08.7	+0.4	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9
KWP	Kalwarja Pacla	9.74	354	eP	Pn	22 52 46.1	+1.2	KNHM	Kefar Nahum	11.47	125	P	Pn	22 53 08.9	+0.2	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9
KWP	Kalwarja Pacla	9.74	354	eP	Pn	22 52 45.8	+0.9	HDNS	Had-Ness	11.48	124	P	Pn	22 53 09.1	+0.4	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9
KWP	Kalwarja Pacla	9.74	354	eP	Pn	22 52 45.9	+1.1	TVFR	Teveveria	11.51	124	P	Pn	22 53 09.0	+0.4	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9
ZST	Bratislava	9.74	330	eP	Pn	22 52 45.2	+0.4	IZRL	Izrael	11.53	126	P	Pn	22 53 12.2	+2.6	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9
ZST	Bratislava	9.74	330	eP	Pn	22 52 45.2	+0.4	VSL	Villasato	11.54	272	fP	Pn	22 53 11.8	+2.3	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9
MODS	Modra-Piesok	9.82	331	eP	Pn	22 52 47.1	+1.1	VSL	Villasato	11.54	272	fP	Pn	22 53 11.8	+2.3	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9
MODS	Modra-Piesok	9.82	331	eP	Pn	22 52 47.1	+1.1	RMOT	Ramot	11.55	124	P	Pn	22 53 10.0	+0.3	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9
LANS	Liptovska Anna	9.82	341	eP	Pn	22 52 46.9	+0.8	KSHT	Kishit	11.55	123	P	Pn	22 53 10.4	+0.6	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9
LANS	Liptovska Anna	9.82	341	eP	Pn	22 52 46.8	+0.8	GNNR	Gan-Ner	11.56	127	P	Pn	22 53 10.0	+0.2	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9
SMOL	Smolenice	9.88	332	eP	Pn	22 52 48.5	+1.7	ENGV	Ein-Gev	11.58	125	P	Pn	22 53 10.2	+0.2	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9
NIE	Niedzica	9.88	344	eP	Pn	22 52 46.6	-0.2	SALO	Sair	11.62	304	fP	Pn	22 53 12.2	+2.6	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9
NIE	Niedzica	9.88	344	eP	Pn	22 52 47.5	+0.7	MMLI	Mount Malkishu	11.67	127	P	Pn	22 53 16.6	+5.2	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9
SABO	Mte Sabotino	9.91	311	P	Pn	22 52 47.3	+0.1	MMLI	Mount Malkishu	11.67	127	P	Pn	22 53 16.6	+5.2	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9
DRE	Drenchia	9.99	312	P	Pn	22 52 48.7	+0.3	GECC	GERESS Array S	11.69	323	P	Pn	22 53 11.6	+0.0	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9
CONA	Conrad Observa	10.04	325	iP	Pn	22 52 47.8	-1.2	GECC	GERESS Array S	11.69	323	P	Pn	22 53 15.6	+0.4	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9
CONA	comp-Z,0.5nm,0.2s,SNR=12			eS	Sn	22 54 42.4	+0.6	GERES	comp-Z,0.3nm,0.3s,baz=115,slow=14,SNR=34		Sn	Sn	22 55 20.6	-1.6	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9	
CONA	comp-Z,3.3nm,0.5s			eS	Sn	22 54 42.4	+0.6	GERES	comp-Z,0.3nm,0.3s,baz=115,slow=14,SNR=34		Sn	Sn	22 55 20.6	-1.6	comp-Z,1.9nm,0.3s,baz=109,slow=10,SNR=36	TUE	Stuetta	12.72	306	fP	Pn	22 53 26.7	+0.9	
SESA	Seetaler Alpe	10.07	318	iP	Pn	22 52 51.0</																		

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like MA2 Magadan, MA2 Magadan, MA2 Magadan, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like PSI Prapat, PSI Prapat, PSI Prapat, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like RSSD Black Hills, SJBMS Sao Joao De Ma, BOAV Sao Vista, etc.

Table with columns for station name, coordinates, and time. Includes stations like MMB, LKR, COMU, PRK, etc.

Table with columns for station name, coordinates, and time. Includes stations like HARR, LLO, LOT, VOIR, etc.

Table with columns for station name, coordinates, and time. Includes stations like SUDA, SOKA, ARSA, etc.

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

26/23h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MNI Manado, TNTI Ternate, GTOI Gorontalo, etc.

JMA 26 23:24:56.4, 0.1, 23.6N, 0.3, 121.6E, 0.8, h15km, 1km, MV2.8/14, TAIWAN REGION

TAP 26 23:24:57.1, 23.69N, 121.58E, h48km, ML3.5, C

ISC 26 23:24:57.3, 1.2, 23.67N, 0.02, 121.62E, 0.02, h44km, 4km, n152, 0.1915/267, Taiwan

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like THGC Jichi Village, TEGC Shoufeng, EGFF Guangfu, etc.

2020 SEP

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EOS2 Datong Townshi, NDT Suao, WCKO Fanlu, etc.

1400

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DVE Vedeno, DVE Vedeno, GROC Groznyy, etc.

MOS 26 23:30:07.9, 43.18N, 46.17E, h11km, MPVA4.1
NORS 26 23:30:08.5, 43.19N, 46.17E, h15km, MPVA4.1
TIF 26 23:30:09.5, 43.15N, 46.14E, h13km, 1km
DIS 26 23:30:09.3, 0.2, 43.20N, 46.17E, h60km
ISC 26 23:30:09.7, 0.9, 43.18N, 0.02, 46.17E, 0.01, h15km, 7km, n90, c1:10/166, 4C-4D, Eastern Caucasus

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like AKH, BGD, GOF, GUFZ, LKRN, OBN, etc.

NEIC 26 23:45:01.6; 1.7; 57.5; 0.2; 147.3W; 0.1; h10km, 1km, mb4.3/8, Error ellipse: s-maj=38.8km s-min=10.2km az=353.0

ICD 26 23:45:02.6; 0.7; 57.7; 29S; 147.82W, h0km, mb3.9/9, mbtmp3.9/9, MS4.2/15, Error ellipse: s-maj=32.0km s-min=20.2km az=179.0

GCMT 26 23:45:07.5; 0.2; 57.63S; 0.02; 147.92W; 0.03; h16km, 1km, MW5.0/92, Moment tensor: Scale 10^16Nm, M1=0.20; 14; M2=2.79; 15; M3=2.59; 12; M4=1.14; 40; M5=2.61; 12; M6=0.63; 36; Best double couple: M3.96200; 1016

Main station list table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like SBA, VNSA, RAO, PMSA, etc.

GFZ 26 23:53:54.4; 0.6; 10.1; 9.5; 16.1E; 1, h10km, M4.8/18, mb4.8/18, Error ellipse: s-maj=18.7km s-min=8.4km az=49.4, confirmed

ICD 26 23:53:54.8; 0.5; 9.91S; 160.88E, h0km, mb4.2/22, mbtmp4.2/24, ML4.0/2, MS4.0/11, Error ellipse: s-maj=16.4km s-min=12.3km az=78.0

NEIC 26 23:53:56.7; 1.1; 9.89S; 0.09; 160.80E; 0.07; h10km, 1km, mb4.8/38, Error ellipse: s-maj=16.4km s-min=9.6km az=30.0

NOU 26 23:53:57.9; 10.03S; 160.71E, h4km, mb4.7/22, Solomon Islands ISC 23:53:56.5; 0.3; 9.95S; 0.04; 160.79E; 0.04; h10km, n145, b136/139, mb4.7/66, MS4.2/11, 1C-1D, Bougainville Islands region

Main station list table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like HNR, HURU, SAVO, etc.

Main station list table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like NJ2, USRK, PEAB, PETK, etc.

CNRM 27 00:04:05.1; 35.64N; 3.74W, h10km, ML2.9 IGL 27 00:04:07.4; 35.24N; 3.77W, h10km, ML2.3 INMG 27 00:04:07.4; 2.0; 35.51N; 3.80W, h1km, ML2.2, Error ellipse: s-maj=4.5km s-min=3.7km az=16.0

Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like PALE Palemas, WMEIL Melilla, EMIJ Mijas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like IDJK Dyrngujokull, ISKR Sirokkakla, etc.

Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like ESK Glengowia, IGLA Belungas, etc.

27d Oh

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

2020 SEP

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

1404

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

ellipse: s-maj=27.0km s-min=20.0km az=356.0 Moment Tensor Solution. Moment tensor. Scale 10¹⁷Nm; M₁=0.59; M₂=1.78; M₃=1.19; M₄=0.13; M₅=0.78; M₆=0.07; Fault plane solution: Mo:1.76000x10¹⁷ NP1: 0.301,19000°,885.92000°,0.51000°. NP2:0.211,16000°,889.49000°,1.175.92000°. Principal axes: T 1.9820, Plg3.0000°, Azm166.0000°; N -0.6018, Plg86.0000°, Azm24.0000°; P -1.3802, Plg3.0000°, Azm256.0000°; NEIC 27.00:35.24,8,57.20S:147.72W,h10km GFZ 27.00:35.26,9,0,3,57.57°x14.87W°,h10km,04.7/15,mb4.7/15,confirmed GCMT 27.00:35.27,8,0,1,67.63S:0.01,-147.83W:0.01,h14km, MW5.4/135, Moment Tensor Solution. srg6,c150; s135,c255; Duration: 182 Moment tensor. Scale 10¹⁷ Nm; M₁=0.15±0.02; M₂=1.11±0.02; M₃=0.95±0.02; M₄=0.09±0.04; M₅=0.87±0.02; M₆=0.25±0.04; Best double couple: Mo:1.38300x10¹⁷ NP1:0.294,00000°,881.00000°,λ-9.00000°. NP2:0.26,00000°,881.00000°,λ-171.00000°. Principal axes: T 1.4300, Plg0.0000°, Azm160.0000°; N -0.0910, Plg77.0000°, Azm70.0000°, P -1.3350, Plg13.0000°, Azm250.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 27.00:35.24,8,0,4,57.35°x14.785W:0.08,h10km,n277, c151/93,mb4.8/38,MSS.2/176,2D,Pacific-Antarctic Ridge

Code	Station Name	° AZ	Phase ID	ISC	Time	Res
					h m s	ISC
SBA	Scott Base	25.73 200	Op P	ISC	00 40 55.4	+0.7
SBA	comp=2.46nm,1.6s		Iamb	Iamb	00 41 15.9	
SBA	Scott Base	25.73 200	P		00 40 58.0	+3.3
VNDA	Vanda	26.56 202	P		00 41 01.6	-0.7
VNDA	comp=2.0,9nm,0.8s,baz=68,slow=8.2,SNR=5.6		LR	LR	00 40 09.7	
VNDA	comp=2.1,1m,1.8s,baz=72,slow=31					
VNDA	Vanda	26.56 202	P		00 41 03.1	+0.8
VNDA	comp=2.0,9nm,0.8s				00 41 08.0	+5.7
RPZ	Rata Peaks	29.05 280	LR	LR	00 51 07.1	
RPZ	comp=5.24nm,18.2s,baz=116,slow=33					
FOZ	Fox Glacier	29.84 279	IAMS_20	IAMS_20	00 51 14.4	
URZ	Urewera	29.87 294	LR	LR	00 51 24.5	
URZ	comp=2.2,1m,19.1s,baz=126,slow=32					
QSPA	South Pole Qui	32.90 180	P		00 41 58.7	-0.1
QSPA	comp=2.1,1nm,0.9s,baz=92,slow=4.5,SNR=7.3		LR	LR	00 53 29.1	
QSPA	comp=2.3,1m,18.6s,baz=60,slow=33					
QSPA	South Pole Qui	32.90 180	P		00 41 57.8	-1.0
RAO	Raoul Island	35.08 310	LR	LR	00 53 16.0	
RAR	Rarotonga	37.08 341	LR	LR	00 54 30.8	
RAR	comp=2.2,1m,18.3s,baz=152,slow=31					
RAR	Rarotonga	37.08 341	IAMS_20	IAMS_20	00 53 21.5	
PMSA	Palmer Station	38.34 137	LR	LR	00 54 13.4	
PMSA	comp=2.2,1m,20.9s,baz=236,slow=29					
PPT2	Papeete	39.62 357	eLR	LR	00 53 05.0	
PPT2	comp=2.7,5,1m,25.5s					
PPT2	Papeete	39.64 357	LR	LR	00 54 56.6	
PPT2	comp=2.1,1m,20.1s,baz=198,slow=30					
RPN	Rapa Nui	40.47 58	LR	LR	00 56 10.7	
RPN	comp=2.1,1m,18.4s,baz=218,slow=31					
AFI	Afiatamalu	46.98 327	LR	LR	00 59 44.7	
AFI	comp=2.1,1m,19.6s,baz=178,slow=31					
MSVF	Nonsavu	46.99 313	LR	LR	00 59 17.7	
MSVF	comp=2.1,1m,21.5s,baz=156,slow=31					
LL02	Futaleufu	47.94 107	P		00 44 02.4	-0.6
LL02	comp=2.1,1nm,1.2s		Iamb	Iamb	00 44 22.3	
DZM	Mont Dzumac	48.36 297	LR	LR	01 02 41.4	
DZM	comp=2.7,46nm,18.0s,baz=148,slow=34					
VNA3	Neumayer Olymp	48.43 163	P		00 44 06.2	-0.3
VNA3	comp=2.5,2nm,0.8s					
VNA3	Neumayer Olymp	48.43 163	P		00 44 07.7	+1.2
VNA3	comp=2.9,5nm,1.3s					
SNA4	Sanae	49.03 166	P		00 44 10.7	-0.5
SNA4	comp=2.5,2nm,0.6s					
SNA4	Sanae	49.03 166	P		00 44 09.0	-2.2
SNA4	comp=2.2,0nm,1.0s,baz=210,slow=16,SNR=3.4					
SNA4	Sanae	49.03 166	P		00 44 10.0	-1.2
SNA4	comp=2.2,0nm,1.0s					
SNA4	Sanae	49.03 166	P		00 44 10.0	-1.2
SNA4	comp=2.2,2nm,1.6s					
VNA2	Neumayer-Watz	49.06 164	P		00 44 08.3	-3.0
VNA2	comp=2.8,7nm,1.3s					
VNA1	Neumayer-Stat	49.17 163	P		00 44 11.6	-0.5
VNA1	comp=2.1,4nm,0.9s					
TROLL	Troll, Antarti	49.37 168	P		00 44 12.8	-1.0
TROLL	comp=2.5,7nm,0.8s					
PLCA	Paso Flores	50.37 106	P		00 44 23.3	+0.4
PLCA	comp=2.1,6nm,0.9s,baz=251,slow=9.0,SNR=2.9					
PLCA	Paso Flores	50.37 106	P		00 44 23.0	+1.2
PLCA	comp=2.68nm,19.1s,baz=222,slow=30					
PLCA	comp=2.1,6nm,0.9s		Iamb	Iamb	00 44 45.6	
PLCA	Paso Flores	50.37 106	P		00 44 25.4	+3.5
PLCA	comp=2.2,2nm,1.6s					
H03S2	Juan Fernandez	51.01 94	T	T	01 39 41.0	
H03S2	comp=2.18,slow=74,SNR=23					
H03S1	Juan Fernandez	51.00 94	T	T	01 39 48.8	
H03S1	comp=2.18,slow=74,SNR=23					
H03S3	Juan Fernandez	51.01 94	T	T	01 39 38.2	
H03S3	comp=2.18,slow=74,SNR=22					
H03N2	Juan Fernandez	51.29 93	T	T	01 40 08.1	
H03N2	comp=2.19,slow=78,SNR=180					
H03N1	Juan Fernandez	51.30 93	T	T	01 39 57.4	
H03N1	comp=2.19,slow=78,SNR=180					
MAW	Mawson	53.43 194	P		00 44 42.9	-1.2
MAW	comp=2.2,3nm,1.0s,baz=167,slow=14,SNR=3.9					
MAW	Mawson	53.43 194	P		00 45 22.6	
MAW	comp=2.1,1m,18.7s,baz=157,slow=34					
MAW	comp=2.2,3nm,1.0s					
STKA	Stephens Creek	53.59 266	P		00 44 44.3	-1.5
STKA	comp=2.4,2nm,0.7s,baz=130,slow=7.9,SNR=6.5					
STKA	Stephens Creek	53.59 266	P		00 44 47.5	
STKA	comp=2.4,2nm,0.7s					
STKA	Stephens Creek	53.59 266	P		00 44 47.6	+1.8
STKA	comp=2.45nm,1.4s					
SYO	Syowa Base	53.94 183j	eP		00 44 50.3	+2.5
SYO	comp=2.45nm,1.4s					
BO02	Sierra Bellavi	54.66 101	P		00 44 54.1	+0.5
BO02	comp=2.1,14nm,20.1s,baz=218,slow=30					
VA03	San Esteban	56.34 99	P		00 45 06.1	+0.3
VA03	comp=2.1,14nm,20.1s,baz=218,slow=30					
VA03	San Esteban	56.34 99	P		00 45 08.0	+2.2
VA03	comp=2.2,1nm,1.1s					
INKA	Innaminka	57.27 269	P		00 45 11.5	-0.7
INKA	comp=2.2,1nm,1.1s		Iamb	Iamb	00 45 22.9	
ZON	Zonda	58.28 100	P		00 45 18.6	-0.9
ZON	comp=2.1,18nm,1.4s					
ZON	Zonda	58.28 100	P		00 45 34.2	
ZON	comp=2.2,3nm,1.0s					
CFA	Coronel Fontan	58.47 100	LR	LR	01 05 18.2	
CFA	comp=2.4,25nm,18.3s,baz=177,slow=31					
CTA	Charters Tower	61.42 279	LR	LR	01 08 07.1	
CTA	comp=2.8,11nm,19.5s,baz=138,slow=33					
HNR	Honiara	62.36 298	LR	LR	01 08 18.7	
HNR	comp=2.3,24nm,22.0s,baz=240,slow=32					
MISU	Mount Surprise	63.06 278	P		00 45 54.3	+2.2
MISU	comp=2.5,7nm,1.1s					
QTS	Quta Quta	63.63 273	P		00 45 56.0	+0.1
QTS	comp=2.1,12nm,1.8s					
AS31	Alice Springs	64.22 266	P		00 45 58.2	-1.5
AS31	comp=2.1,12nm,1.8s					
ASAR	Alice Springs	64.22 266	P		00 45 56.9	-2.9
ASAR	comp=2.3,9nm,0.9s,baz=146,slow=6.4,SNR=1.8					
ASAR	Alice Springs	64.22 266	P		00 45 58.0	-1.8
ASAR	comp=2.3,9nm,0.9s					
SALTA	Alice Springs	65.33 97	P		00 46 10.0	+2.5
SALTA	comp=2.7,6nm,1.1s					
H01W1	Cape Leeuwin H	65.53 243	T	T	01 57 44.8	
H01W1	comp=2.143,slow=76,SNR=8					
H01W2	Cape Leeuwin H	65.53 243	T	T	01 57 54.0	
H01W2	comp=2.143,slow=76,SNR=8					

H01W3	Cape Leeuwin H	65.54 243	T	T	01 57 43.2	
H01W3	comp=2.143,slow=76,SNR=8					
NWA0	Narrogin (SRO)	65.58 247	LR	LR	01 07 19.8	
NWA0	comp=2.1,21.9s,baz=121,slow=29					
TARA	Tarawa	66.42 316	IAMS_20	IAMS_20	01 07 59.7	
TARA	comp=2.1,1m,22.0s					
WRB	Warramunga Arr	66.89 269	Iamb	Iamb	00 46 16.5	-0.5
WRB	comp=2.1,16nm,1.1s					
WRA	Warramunga Arr	66.99 269	P		00 46 15.9	-1.8
WRA	comp=2.4,3nm,1.1s,baz=143,slow=6.3,SNR=12					
WRA	Warramunga Arr	66.99 269	P		00 46 16.1	-1.6
WRA	comp=2.4,3nm,1.1s					
WRA	Warramunga Arr	67.11 269	P		00 46 17.9	-0.5
WRA	comp=2.1,17nm,1.2s					
GO01	Chusmiza	67.46 91	P		00 46 19.9	-1.3
GO01	comp=2.2,29nm,1.9s					
PB16	IPOC Station P	68.38 90	P		00 46 26.9	-0.2
PB16	comp=2.1,15nm,1.4s					
CPUP	Villa Florida	68.44 105	P		00 46 27.4	+0.7
CPUP	comp=2.1,9nm,0.9s,baz=207,slow=6.8,SNR=4.1					
CPUP	Villa Florida	68.44 105	P		01 12 07.6	
CPUP	comp=2.2,25nm,19.2s,baz=225,slow=32					
CPUP	Villa Florida	68.44 105	P		00 46 25.8	-0.9
CPUP	comp=2.1,4nm,1.0s		Iamb	Iamb	00 46 37.4	
CPUP	Villa Florida	68.44 105	P		00 46 28.2	+1.6
CPUP	comp=2.6,4nm,1.1s					
PMG	Port Moresby	68.81 286	LR	LR	01 11 51.9	
PMG	comp=2.1,1m,21.0s					
PMG	Port Moresby	68.81 286	P		00 46 32.7	+3.5
PMG	comp=2.1,18nm,1.1s					
NNA	Nana	69.63 80	LR	LR	01 11 16.4	
NNA	comp=2.1,174nm,19.4s,baz=74,slow=31					
LPAZ	La Paz	70.80 90	P		00 46 43.1	+1.0
LPAZ	comp=2.1,4nm,1.0s,baz=211,slow=6.9,SNR=4.8					
LPAZ	La Paz	70.80 90	P		01 10 44.8	
LPAZ	comp=2.2,266nm,20.8s,baz=212,slow=30					
LPAZ	La Paz	70.80 90	P		00 46 41.9	-0.3
LPAZ	comp=2.6,9nm,1.9					

27d 2h

Table with columns: I21K, Tanana, 122.15 358, IAMS_20, IAMS_20, 01 39 48.4, ANM, Nome, 122.24 351, IAMS_20, IAMS_20, 01 38 31.8, H18K, Honhosa River, 122.35 355, IAMS_20, IAMS_20, 01 38 07.7, I30M, Mount Dempster, 122.45 6, IAMS_20, IAMS_20, 01 37 40.4, PRP, Porcupine Dome, 122.45 1, IAMS_20, IAMS_20, 01 40 13.5, H21K, Melocitina Rive, 122.64 357, IAMS_20, IAMS_20, 01 45 07.6, H23K, Yukon River, 122.76 359, IAMS_20, IAMS_20, 01 41 43.6, H24K, Noodor Dome, 122.76 360, IAMS_20, IAMS_20, 01 42 00.7, G16K, Koyuk River, 122.82 353, IAMS_20, IAMS_20, 01 37 49.3, H22K, Ishaltina Cre, 122.85 358, IAMS_20, IAMS_20, 01 40 01.1, G18K, Tagawawik, 123.10 355, IAMS_20, IAMS_20, 01 36 47.6, H31M, Peel River, 123.14 7, IAMS_20, IAMS_20, 01 40 18.8, G21K, Allakaket, 123.52 357, IAMS_20, IAMS_20, 01 42 31.8, F17K, Baldwin Permin, 123.79 355, IAMS_20, IAMS_20, 01 37 49.9, F19K, Shalercukik Mo, 124.00 353, IAMS_20, IAMS_20, 01 39 21.3, COLD, Coldfoot, 124.17 359, IAMS_20, IAMS_20, 01 43 30.0, F24K, Squaw Lake, 124.45 360, IAMS_20, IAMS_20, 01 41 25.4, F31M, Tsigientchic, 124.80 6, IAMS_20, IAMS_20, 01 38 52.7, E23K, Chandlar, 125.00 359, IAMS_20, IAMS_20, 01 39 52.9, RDOG, Red Dog Mine, 125.50 353, IAMS_20, IAMS_20, 01 39 02.9, E29M, Glow River, 125.53 4, IAMS_20, IAMS_20, 01 43 35.0, D23K, Nanushuk River, 125.93 359, IAMS_20, IAMS_20, 01 40 05.3, D24K, Happy Valley, 126.10 359, IAMS_20, IAMS_20, 01 44 53.3, MA2, Magadan, 126.22 326, IAMS_20, IAMS_20, 01 38 53.1, LODK, Lodwar, 126.28 184, IAMS_20, IAMS_20, 01 46 25.2, C36M, Paulutuk, 127.44 10, IAMS_20, IAMS_20, 01 41 41.6, HYB, Hyderabad, 127.51 240, ePKIKP, PKIKP, 00 54 30.4 0.0, H2K, H2K, 148.41 272, eSKSac, SKSac, 00 51 35.9 -0.6, TORD, Torodi Ar. Bea, 130.19 139, PKP, PKP, 00 54 35.5 -0.3, HIA, Hialar, 130.57 301, IAMS_20, IAMS_20, 01 42 53.7, FURI, Furi, 131.52 188, IAMS_20, IAMS_20, 01 49 42.1, MD01, Mideti array s, 144.91 118, PKPab, PKPab, 00 55 00.6 -0.2, RAYN, Ar Rayn, 144.98 201, PKPab, PKPab, 00 55 00.2 -1.0, RAYN, Ar Rayn, 144.98 201, IAMS_20, IAMS_20, 01 54 14.1, WUS, Wushi, 146.22 262, PKPdf, PKPdf, 00 55 03.3 -0.3, KBL, Kabil, 146.26 283, PKPbc, PKPbc, 00 55 04.8 -0.9, KSH2, Kashi, 146.70 256, PKPbc, PKPbc, 00 55 07.5 +0.1, KSH2, comp=N, 140nm, 18.0s, LR, LR, KSH2, comp=Z, 140nm, 16.1s, LR, LR, NRN, Naryn, 148.11 259, PKPbc, PKPbc, 00 55 10.6 +0.3, MKAR, Makanchi Array, 148.24 273, PKPbc, PKPbc, 00 55 09.5 -0.5, MKAR, Makanchi Array, 148.24 273, PKPbc, PKPbc, 00 55 09.9 -0.1, MAK2, Makanchi, 149.50 234, PKPdf, PKPdf, 00 55 07.1 +0.2, ARSB, Arslanbob, 149.64 256, PKPdf, PKPdf, 00 55 10.2 +0.1, AAK, Ala-Archa, 149.75 259, PKPbc, PKPbc, 00 55 12.8 -1.3, BTK, Batken, 149.85 252, PKPdf, PKPdf, 00 55 08.6 -0.9, CART, Cartiagana, 150.52 117, IAMS_20, IAMS_20, 01 52 17.1, ESDC, Sonseca Array, 150.67 111, PKPbc, PKPbc, 00 55 17.3 +0.4, ESDC, Sonseca Array, 150.67 111, PKPbc, PKPbc, 00 55 16.0 -0.3, ZAAO, Zalesovo Beam, 150.78 286, PKPbc, PKPbc, 00 55 09.3 -0.5, ZALV, Zalesovo Beam, 150.78 286, PKPbc, PKPbc, 00 55 15.9 -0.1, ZALV, Zalesovo Beam, 150.78 286, PKPbc, PKPbc, 00 55 15.3 -0.7, KK31, Karatay Array, 152.19 256, PKPbc, PKPbc, 00 55 19.4 -0.3, KKAR, Karatay Array, 152.19 256, PKPbc, PKPbc, 00 55 17.7 -0.4, KURBB, Kurchatov Arra, 152.47 276, PKPbc, PKPbc, 00 55 19.7 -0.3, KURK, Kurchatov, 152.47 276, PKPbc, PKPbc, 00 55 18.5 -1.4, GHJAU, Ghor Haditha, 153.97 186, IAMS_20, IAMS_20, 02 02 20.9, BVAR, Borovoye Array, 158.05 275, PKPab, PKPab, 00 55 53.3 -1.0, BVAR, Borovoye, 158.10 275, IAMS_20, IAMS_20, 02 12 43.1, BRTR, Keskin Array B, 162.44 183, PKPab, PKPab, 00 56 13.3 -0.5, CLL, Collim, 167.25 110, LH, LH, 01 45 00.0, CLL, comp=Z, 200nm, 21.1s, AMS, AMS, 02 18 00.0, CLL, comp=N, 100nm, 22.9s, AMS, AMS, 02 18 00.0, CLL, comp=E, 200nm, 18.7s, AMS, AMS, 02 18 00.0

CATAC 27 00:40:26.8±0.5, 7°N, 2°7'3W, h153km, 5km, M4.0/9, mb4.2/1, MLV3.8/9, Error ellipse: s-maj=7.1km s-min=4.2km az=116.3, confirmed

RSNC 27 00:40:27.5±0.0, 7°N, 2°7'3W, h142km, 5km, M4.1, ML3.0

ISC 27 00:40:28.4±0.5, 6°87'N, 73°27'W, h158km, 117km, mb3.4/5, mbmp3.9/6, Error ellipse: s-maj=170.3km s-min=56.8km az=153.0

FUNV 27 00:40:29.5, 7°14'N, 73°22'W, h2km, MW3.1, Presumed earthquake

ISC 27 00:40:27.1±0.8, 6°84'N, 0°33'73E, h105km, 6km, n47, r151/88, mb3.9/5, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Rows include: BARC, Barichara, 0.26 194, P, ISC, 00 40 48.2 +0.4, BARC, Barichara, 0.26 194, S, Sn, 00 41 02.7 -0.9, BRJC, Barrancabermej, 0.63 282, P, Sn, 00 40 50.0 +0.8, BRJC, Barrancabermej, 0.63 282, S, Sn, 00 41 06.6 +0.7, PAMC, Pamplona, Colo, 0.65 40, P, Sn, 00 40 51.1 +1.2, PAMC, Pamplona, Colo, 0.65 40, S, Sn, 00 41 07.9 +0.8, RUSC, La Rusia, 0.94 178, P, Sn, 00 40 52.0 0.0, RUSC, La Rusia, 0.94 178, S, Sn, 00 41 10.0 -0.5, RUSC, La Rusia, 0.94 178, eP, Sn, 00 40 52.2 +0.2, RUSC, La Rusia, 0.94 178, eS, Sn, 00 41 10.1 -0.9, RUSC, La Rusia, 0.94 178, P, Sn, 00 40 52.0 0.0, RUSC, La Rusia, 0.94 178, S, Sn, 00 41 10.4 -0.5, RUSC, La Rusia, 0.94 178, P, Sn, 00 40 54.7 -0.5, RUSC, La Rusia, 0.94 178, S, Sn, 00 41 15.5 +1.2, PTBC, PUERTO BERRIO, 1.36 257, P, Sn, 00 41 18.0 +0.8, TAMC, Tame, Arauca, 1.38 107, P, Sn, 00 40 56.6 +1.1, TAMC, Tame, Arauca, 1.38 107, S, Sn, 00 41 18.0 +0.8, OCAC, Ocana, 1.40 352, P, Sn, 00 40 56.6 +0.8, OCAC, Ocana, 1.40 352, S, Sn, 00 41 18.2 +0.4, SPBC, San Pablo de B, 1.51 219, P, Sn, 00 40 57.1 +0.2, SPBC, San Pablo de B, 1.51 219, S, Sn, 00 41 19.0 -0.7, NORC, Norcasia, 2.15 234, P, Sn, 00 41 04.0 -0.1, NORC, Norcasia, 2.15 234, S, Sn, 00 41 32.6 +0.1, CHIC, Chingaza, 2.28 195, P, Sn, 00 41 06.1 +0.1, CHIC, Chingaza, 2.28 195, S, Sn, 00 41 35.5 -0.4, ROSC, El Rosal, 2.32 211, P, Sn, 00 41 08.1 +1.6, ROSC, El Rosal, 2.32 211, S, Sn, 00 41 38.7 +2.0, ROSC, El Rosal, 2.32 211, P, Sn, 00 41 08.0 +1.6, ROSC, El Rosal, 2.32 211, S, Sn, 00 41 39.0 +2.3, HELC, Santa Helena, 2.48 255, P, Sn, 00 41 09.4 +1.1, HELC, Santa Helena, 2.48 255, S, Sn, 00 41 39.2 -0.8, HELC, Santa Helena, 2.48 255, eP, Sn, 00 41 10.3 +2.1, HELC, Santa Helena, 2.48 255, eS, Sn, 00 41 40.2 +0.2

2020 SEP

Table with columns: HELC, Santa Helena, 2.48 255, P, Sn, 00 41 10.4 +2.1, HELC, Santa Helena, 2.48 255, S, Sn, 00 41 40.3 +0.2, CVER, Cruz Verde, Cu, 2.49 202, P, Sn, 00 41 09.8 +1.1, CVER, Cruz Verde, Cu, 2.49 202, S, Sn, 00 41 42.4 +1.8, UREC, San Jos de Ur, 2.56 291, P, Sn, 00 41 08.6 -0.4, UREC, San Jos de Ur, 2.56 291, S, Sn, 00 41 40.7 +0.5, GUY2, Guyana, Caldas, 2.75 234, P, Sn, 00 41 12.9 +1.1, GUY2, Guyana, Caldas, 2.75 234, S, Sn, 00 41 46.7 +0.5, VILC, Villavicencio, 2.77 192, P, Sn, 00 41 11.6 -0.2, VILC, Villavicencio, 2.77 192, S, Sn, 00 41 45.5 -0.8, CBOC, Ciudad Bolivar, 3.03 51, P, Sn, 00 41 16.5 +1.4, CBOC, Ciudad Bolivar, 3.03 51, S, Sn, 00 41 42.7 +0.3, SDV, Santo Domingo, 3.19 50, P, Sn, 00 41 18.1 +1.0, SDV, Santo Domingo, 3.19 50, eP, Sn, 00 41 55.4 -0.4, SDV, Santo Domingo, 3.19 50, S, Sn, 00 41 18.1 +1.0, SDV, Santo Domingo, 3.19 50, eS, Sn, 00 41 54.8 -1.0, ARGU, Ariguani, Magd, 3.20 340, P, Sn, 00 41 19.1 +2.1, ARGU, Ariguani, Magd, 3.20 340, S, Sn, 00 41 51.7 +0.5, PRAC, Prado, 3.57 210, P, Sn, 00 41 21.2 -0.7, PRAC, Prado, 3.57 210, S, Sn, 00 42 03.7 -0.6, PRAC, Prado, 3.57 210, P, Sn, 00 41 21.5 -0.4, PRAC, Prado, 3.57 210, S, Sn, 00 42 03.8 -0.5, APAC, Apartado, Choc, 3.59 287, P, Sn, 00 41 22.7 +0.3, APAC, Apartado, Choc, 3.59 287, S, Sn, 00 42 05.6 +1.0, ORTC, Ortega, Tolima, 3.60 216, P, Sn, 00 41 22.6 +0.3, ORTC, Ortega, Tolima, 3.60 216, S, Sn, 00 42 05.4 +0.4, SJCC, San Jacinto, C, 3.65 326, P, Sn, 00 41 22.7 -0.3, SJCC, San Jacinto, C, 3.65 326, S, Sn, 00 41 42.9 -0.1, SJCC, San Jacinto, C, 3.65 326, eP, Sn, 00 42 01.4 -4.9, SJCC, San Jacinto, C, 3.65 326, P, Sn, 00 41 22.4 -0.6, SJCC, San Jacinto, C, 3.65 326, S, Sn, 00 42 04.2 -2.0, LCBC, Los crdobas, 3.79 302, P, Sn, 00 41 25.7 +1.1, LCBC, Los crdobas, 3.79 302, S, Sn, 00 42 10.4 +1.1, SMRC, Santa Marta, M, 4.43 346, P, Sn, 00 41 33.7 +0.7, SMRC, Santa Marta, M, 4.43 346, S, Sn, 00 42 22.4 -2.0, MACC, Macarena, Meta, 4.72 189, P, Sn, 00 41 35.3 -1.6, MACC, Macarena, Meta, 4.72 189, S, Sn, 00 42 27.3 -4.1, BETC, Betania, 4.74 209, P, Sn, 00 41 36.3 -0.9, BETC, Betania, 4.74 209, S, Sn, 00 42 26.7 -5.0, URTI, Uribia, 4.95 13, P, Sn, 00 41 39.4 -0.5, URTI, Uribia, 4.95 13, S, Sn, 00 42 34.2 -2.6, URIC, Uribia, Colomb, 4.96 13, P, Sn, 00 41 39.1 -0.9, URIC, Uribia, Colomb, 4.96 13, S, Sn, 00 42 33.0 -3.8, URIC, Uribia, Colomb, 4.96 13, AML, AML, 00 41 39.2 -0.8, URIC, Uribia, Colomb, 4.96 13, eP, Pn, 00 41 42.4 -1.0, GARC, Garzon, Huila, 5.19 207, P, Sn, 00 42 38.0 -3.9, GARC, Garzon, Huila, 5.19 207, S, Sn, 00 41 48.7 +0.6, POPC, Popayan, Colom, 5.55 220, P, Sn, 00 42 51.8 -0.1, POPC, Popayan, Colom, 5.55 220, S, Sn, 00 41 59.4 +1.1, BBAC, Balboa, Cauca, 6.31 221, P, Sn, 00 43 07.0 -2.5, BBAC, Balboa, Cauca, 6.31 221, S, Sn, 00 48 45.0 -0.2, ULM, Lac du Bonnet, 47.27 340, P, Sn, 00 48 45.0 -0.2, ULM, Lac du Bonnet, 47.27 340, S, Sn, 00 48 45.0 -0.2, PDAR, Pinedale Array, 48.06 324, P, Sn, 00 48 52.1 +0.3, PDAR, Pinedale Array, 48.06 324, S, Sn, 00 48 52.1 +0.3, SCHE, Schefferville, 48.12 5, P, Sn, 00 48 52.3 +0.6, SCHE, Schefferville, 48.12 5, S, Sn, 00 48 52.3 +0.6, NVAR, Mina Array Bea, 51.47 315, P, Sn, 00 49 17.0 -0.5, NVAR, Mina Array Bea, 51.47 315, S, Sn, 00 49 17.0 -0.5, YKA, Yellowknife Ar, 63.24 340, P, Sn, 00 50 39.5 +0.2, YKA, Yellowknife Ar, 63.24 340, S, Sn, 00 50 39.5 +0.2

DJA 27 01:03:57.8±0.9, 0°S, 3°12'E, h22km, 2gkm, M3.8/25, mb4.8/2, mb3.9/7, MLV3.8/25, Mw(mb)4.1/2, Southern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Rows include: LUWI, Luwuk, 1.57 239, P, Sn, 01 04 23.7 -0.6, LUWI, Luwuk, 1.57 239, AML, AML, 01 04 28.9 +1.1, MNI, Manado, 1.82 23, P, Sn, 01 04 28.9 +1.1, AMPA, Ampana, 2.56 255, AML, AML, 01 04 38.1 +0.1, SANI, Sanana, 2.59 134, P, Pn, 01 04 38.8 +0.4, NLAN, Namlea, 4.21 135, P, Pn, 01 05 00.9 +0.2, NLAN, Namlea, 4.21 135, AML, AML, 01 05 16.5 +0.5, AAJ, Ambon, 5.32 130, P, Pn, 01 05 20.8 -0.5, SPSI, Sidrap Palu, 5.71 230, P, Pn, 01 05 22.2 +0.3, MMSI, Mamuju, 5.74 245, AML, AML, 01 05 22.2 +0.3, BKSJ, Bulukumba, 6.44 218, AML, AML, 01 05 31.5 +0.2, BKSJ, Bulukumba, 6.44 218, AML, AML, 01 05 31.5 +0.2

ISC 27 02:06:38.8±1.0, 33°86'N, 79°73'E, h0km, mb3.6/9, mbmp3.6/12, ML3.3/3, Error ellipse: s-maj=28.6km s-min=15.5km az=68.0

ISC 27 02:04:42.1±0.3, 33°99'N, 10°19'8E, 0.1, h35km, n12, r086/14, mb3.5/6, Kashmir-Xizang border region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Rows include: AAK, Ala-Archa, 9.59 336, P, Sn, 02 09 00.8 +1.0, AAK, Ala-Archa, 9.59 336, S, Sn, 02 09 00.8 +1.0, AAK, Ala-Archa, 9.59 336, AML, AML, 02 09 00.8 +1.0, MKAR, Makanchi Array, 12.92 8, P, Sn, 02 09 45.8 +0.5, MKAR, Makanchi Array, 12.92 8, S, Sn, 02 12 06.4 -1.4, MKAR, Makanchi Array, 12.92 8, AML, AML, 02 12 06.4 -1.4, KURBB, Kurchatov Arra, 16.65 357, P, Sn, 02 10 35.3 +0.7, KURBB, Kurchatov Arra, 16.65 357, S, Sn, 02 10 35.3 +0.7, BVAR, Borovoye Array, 20.18 343, P, Sn, 02 11 14.9 -0.7, BVAR, Borovoye Array, 20.18 343, S, Sn, 02 11 14.9 -0.7, ZALV, Zalesovo Beam, 20.26 9, P, Sn, 02 11 15.8 -0.6, ZALV, Zalesovo Beam, 20.26 9, S, Sn, 02 11 15.8 -0.6, CMAR, Chiang Mai Arr, 23.04 127, P, Sn, 02 11 46.0 -0.4, CMAR, Chiang Mai Arr, 23.04 127, S, Sn, 02 11 46.0 -0.4, SONM, Songmiao Array, 24.23 47, P, Sn, 02 11 59.1 +1.3, SONM, Songmiao Array, 24.23 47, S, Sn, 02 11 59.1 +1.3, FINES, FINES Array B, 43.60 326, P, Sn, 02 14 45.1 +0.5, FINES, FINES Array B, 43.60 326, S, Sn, 02 14 45.1 +0.5, ARCES, ARCES Array B, 46.26 337, P, Sn, 02 15 06.5 +0.8, ARCES, ARCES Array B, 46.26 337, S, Sn, 02 15 06.5 +0.8, TORD, Torodi Ar. Bea, 73.01 275, P, Sn, 02 18 10.0 -0.8, TORD, Torodi Ar. Bea, 73.01 275, S, Sn, 02 18 10.0 -0.8, WRA, Warramunga Arr, 74.63 127, P, Sn, 02 18 19.8 -0.2, WRA, Warramunga Arr, 74.63 127, S, Sn, 02 18 19.8 -0.2, ASAR, Alice Springs, 77.01 130, P, Sn, 02 18 33.4 -0.2, ASAR, Alice Springs, 77.01 130, S, Sn, 02 18 33.4 -0.2

ISC 27 02:22:57.9±1.1, 10°47'S, 152°43'E, h0km, mb3.6/7, mbmp3.7/8, ML3.6/1, MS3.0/2, Error ellipse: s-maj=42.4km s-min=24.6km az=107.0

ISC 27 02:23:03.4±1.0, 10°55'S, 152°30'E, 0.2, h35km, n10, r0975/9, mb3.7/7, D'Entrecasteaux Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Rows include: CTA, Charters Tower, 11.17 211, LR, LR, 02 30 29.4, WRA, Warramunga Arr, 19.68 239, P, Sn, 02 27 30.6 -0.6, WRA, Warramunga Arr, 19.68 239, S, Sn, 02 27 30.6 -0.6, WRA, Warramunga Arr, 19.68 239, AML, AML, 02 27 30.6 -0.6, ASAR, Alice Springs, 21.87 231, P, Sn, 02 27 54.3 +0.9, ASAR, Alice Springs, 21.87 231, S, Sn, 02 27 54.3 +0.9

1406

Table with columns: STKA, 0.6nm, 0.7s, STKA, Stephens Creek, 23.46 203, P, Sn, 02 28 09.1 -0.7, STKA, Stephens Creek, 23.46 203, S, Sn, 02 28 09.1 -0.7, VVDA, Vanda, 67.20 178, P, Sn, 02 35 54.2 +0.6, VVDA, Vanda, 67.20 178, S, Sn, 02 35 54.2 +0.6, QSPA, South Pole Qui, 79.50 180, P, Sn, 02 35 06.0 -0.4, QSPA, South Pole Qui, 79.50 180, S, Sn, 02 35 06.0 -0.4, MKAR, Makanchi Array, 84.27 320, P, Sn, 02 35 32.3 +0.7, MKAR, Makanchi Array, 84.27 320, S, Sn, 02 35 32.3 +0.7, ZALV, Zalesovo Beam, 85.59 327, P, Sn, 02 35 37.3 -0.7, ZALV, Zalesovo Beam, 85.59 327, S, Sn, 02 35 37.3 -0.7, ILAR, Eielson Array, 87.60 22, P, Sn, 02 35 47.5 -0.1, ILAR, Eielson Array, 87.60 22, S, Sn, 02 35 47.5 -0.1, TORD, Torodi Ar. Bea, 151.09 278, PKPbc, PKIKP, 02 42 54.8 +0.3, TORD, Torodi Ar. Bea, 151.09 278, S, Sn, 02 42 54.8 +0.3

NOU 27 02:26:45.5, 37°55'S, 114°96'E, h0km, mb4.0/6, Off South Coast of Australia, Off south coast of Australia

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Rows include: NWAO, Narrogin (SRO), 4.97 23, P, Pn, 02 28 01.0 -0.4, NWAO, Narrogin (SRO), 4.97 23, S, Pn, 02 28 01.0 -0.4, MUN, Mundaring, 5.65 11, P, Pn, 02 28 09.4 -1.4, KLBH, Kellerberrin, 6.38 22, P, Pn, 02 28 21.1 +0.4, BLDU, Boulder, 7.07 12, P, Pn, 02 28 31.3 +1.1, MORW, Morawa, 8.51 6, P, Pn, 02 28 50.0 0.0

DJA 27 02:40:11.2±0.3, 9°S, 4°11'E, h120km, 7km, M4.0/18, mb4.1/4, MLV3.9/18, Sumbawa region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Rows include: DBNI, Kabupaten Domp, 0.15 337, Op, Pn, 02 40 28.2 +0.4, PLAI, Plampang, 1.62 252, P, Pn, 02 40 30.6 +0.7, PLAI, Plampang, 1.62 252, AML, AML, 02 40 30.6 +0.7, TWSI, Taliwang, Sumb, 1.47 266, P, Sn, 02 40 38.4 +0.1, TWSI, Taliwang, Sumb, 1.47 266, S, Sn, 02 41 00.6 +1.7, LBFI, Labuhan Bajo, 1.51 84, AML, AML, 02 40 38.7 -0.1, WSI, Waingapu, 2.16 118, P, Pn, 02 40 46.5 -0.2, WSI, Waingapu, 2.16 118, AML, AML, 02 40 46.5 -0.2, KHKI, Kahang-Kahang, 2.75 276, P, Sn, 02 40 54.7 +0.5, KHKI, Kahang-Kahang, 2.75 276, S, Sn, 02 41 27.1 -0.1, SRBI, Singaraja, 3.17 280, P, AML, AML, 02 40 59.8 0.0, SRBI, Singaraja, 3.17 280, AML, AML, 02 40 59.8 0.0, IGBI, Denpasar, 3.19 267, P, Sn, 02 41 00.6 +0.6, IGBI, Denpasar, 3.19 267, S, Pn, 02 41 38.2 +0.5, BSSI, Bau Bau, Buton, 3.25 40, AML, AML, 02 41 00.4 -0.4, EDFI, Ende, Flores, 3.28 92, P, AML, AML, 02 41 01.7 +0.4, EDFI, Ende, Flores, 3.28 92, AML, AML, 02 41 01.7 +0.4, RTBI, Rangdo, Negare, 3.40 273, P, AML, AML, 02 41 02.8 +0.1, RTBI, Rangdo, Negare, 3.40 273, AML, AML, 02 41 02.8 +0.1, MKAS, Makassar, 3.57 18, P, AML, AML, 02 41 05.3 +0.2, MKAS, Makassar, 3.57 18, AML, AML, 02 41 05.3 +0.2, BKSJ, Bulukumba, 3.73 28, P, AML, AML, 02 41 07.1 0.0, BKSJ, Bulukumba, 3.73 28, AML, AML, 02 41 07.1 0.0, MMRI, Maumere, 3.82 90, P, AML, AML, 02 41 08.7 +0.3, MMRI, Maumere, 3.82 90, AML, AML, 02 41 08.7 +0.3, KAPI, Kappang, 3.85 21, P, Pn, 02 41 08.8 0.0, KAPI, Kappang, 3.85 21, AML, AML, 02 41 08.8 0.0, JAGI, Jajag, Banyuw, 4.17 272, P, AML, AML, 02 41 11.8 -1.3, JAGI, Jajag, Banyuw, 4.17 272, AML, AML, 02 41 11.8 -1.3, SOEI, Soe, 5.93 101, P, AML, AML, 02 41 36.2 -0.6, SOEI, Soe, 5.93 101, AML, AML, 02 41 36.2 -0.6

ISC 27 02:47:23.7±2.0, 30°37'S, 178°35'W, h0km, mb3.6/3, mbmp3.6/3, Error ellipse: s-maj=58.6km s-min=35.7km az=47.0, Kermadec Islands

ASAR, Alice Springs, 42.81 267, P, Sn, 02 55 23.2 -0.3, ASAR, Alice Springs, 42.81 267, S, Sn, 02 55 23.2 -0.3, WRA, Warramunga Arr, 43.79 272, P, Sn, 02 55 31.6 +0.1, WRA, Warramunga Arr, 43.79 272, S, Sn, 02 55 31.6 +0.1, QSPA, South Pole Qui, 59.74 180, P, Sn, 02 57 30.0 0.0, QSPA, South Pole Qui, 59.74 180, S, Sn, 02 57 30.0 0.0, FINES, FINES Array B, 145.02 340, PKPbc, PKPbc, 03 07 00.7 -0.9, FINES, FINES Array B, 145.02 340, S, Sn, 03 07 00.7 -0.9

VAO 27 02:50:39.3±0.5, 1°16'S

SDV	Santo Domingo	20.07 12 P	P	02 55 23.8 +0.4	
SDV	comp=2.0,5nm,0.3s,baz=216,slow=19,SNR=9.6				
SDV	Lg Lg			03 01 18.1	
SDV	comp=2.0,7nm,0.3s,baz=187,slow=18,SNR=1.4			03 04 02.0	
SDV	comp=2.59nm,21.8s,baz=250,slow=40				
SDV	comp=2.4,7nm,0.5s				
SDV	Santo Domingo	20.07 11	AML	02 55 21.7 -1.8	
SDV	comp=2.1,0nm,0.9s,baz=135,slow=19,SNR=9.6				
PP1B	Ponte de Pedra	20.07 12	P	02 59 49.8 -5.6	
PP1B	comp=2.0,5nm,0.3s,baz=187,slow=18,SNR=1.4				
AQDB	Aquidauana	20.55 120	eP	02 59 12.2 +1.4	
AQDB	comp=2.0,5nm,0.3s,baz=187,slow=18,SNR=1.4				
CFA	Coronel Fontan	21.43 165	P	02 55 21.3 -7.1	
CFA	comp=2.1,0nm,0.9s,baz=333,slow=4.5,SNR=1.7			02 55 38.0 +0.4	
CPUP	Villa Florida	22.42 136	eP	02 55 37.9 -1.1	
CPUP	comp=2.0,5nm,0.3s,baz=187,slow=18,SNR=1.4				
C25B	Chapadão do Su	22.46 113	eS	02 59 45.9 -6.5	
SJFY	San Joaquin	22.48 131	eS	02 59 53.9 +0.6	
SJFY	comp=2.0,5nm,0.3s,baz=187,slow=18,SNR=1.4				
ARAG	Araguiana, MT	22.72 105	eP	02 59 48.7 -5.0	
ARAG	comp=2.0,5nm,0.3s,baz=187,slow=18,SNR=1.4				
ARAG	Serra Nova Dou	22.71 95	eP	02 55 47.0 -4.7	
ARAG	comp=2.0,5nm,0.3s,baz=187,slow=18,SNR=1.4				
PNHZ	Montagnes des	22.09 55	LR	03 00 00.5 +2.6	
PNHZ	comp=2.94nm,20.9s,baz=202,slow=37				
PNHZ	San Juan	30.03 16	LR	02 55 50.3 -3.5	
PNHZ	comp=2.46nm,19.8s,baz=86,slow=38			03 07 42.2	
PNHZ	Camp Camacha	34.40 349	P	03 09 41.5	
PNHZ	comp=2.0,5nm,0.3s,baz=187,slow=18,SNR=1.4				
PNHZ	Rapa Nui	36.38 239	LR	02 57 38.7 +2.0	
PNHZ	comp=2.68nm,20.0s,baz=71,slow=30				
PNHZ	Hodges	45.47 351	P	03 08 50.1 -3.3	
PNHZ	comp=2.0,5nm,0.3s,baz=187,slow=18,SNR=1.4				
PNHZ	Hodges	45.47 351	P	02 59 08.2 -0.3	
PNHZ	comp=2.14nm,1.4s			02 59 33.0	
PNHZ	Blount Mountain	45.91 346	P	02 59 10.2 -1.7	
PNHZ	comp=2.4,0nm,0.9s			02 59 10.9	
PNHZ	Fort Payne	46.38 347	P	02 59 13.7 -2.1	
PNHZ	comp=2.1,0nm,0.9s			02 59 19.0 +0.7	
PNHZ	Hondo	46.70 330	P	02 59 28.4 -3.0	
PNHZ	WWT	48.41 346	Iamb	02 59 29.8	
PNHZ	WWT	48.41 346	Iamb	02 59 29.8	
PNHZ	comp=2.1,0nm,1.5s				
PNHZ	Lajitas Array	48.83 326	P	02 59 34.8 -0.1	
PNHZ	comp=2.1,0nm,0.8s				
PNHZ	Lajitas Array	48.83 326	P	02 59 34.8 -0.1	
PNHZ	comp=2.1,0nm,0.8s				
PNHZ	Lajitas Ar. Si	48.84 326	P	02 59 34.8 -0.1	
PNHZ	comp=2.1,0nm,0.8s				
PNHZ	Q56A	49.87 355	P	02 59 43.2 +0.7	
PNHZ	Aspermet	50.24 332	P	02 59 45.2 +0.1	
PNHZ	VHRN	50.68 326	P	02 59 48.9 -0.1	
PNHZ	VHRN	50.68 326	P	02 59 48.9 -0.1	
PNHZ	comp=2.4,5nm,1.2s			02 59 50.7	
PNHZ	FVM	50.84 344	P	02 59 49.1 -0.8	
PNHZ	FVM	50.84 344	P	02 59 49.3	
PNHZ	comp=2.5,5nm,0.8s				
PNHZ	Liberty Lake	51.21 336	P	02 59 51.7 -1.0	
PNHZ	SMWD	51.79 333	P	02 59 56.8 -0.3	
PNHZ	T250A	55.37 331	Iamb	03 00 24.8	
PNHZ	comp=2.5,2nm,0.9s				
PNHZ	Great Sand Dun	56.38 331	Iamb	03 00 31.1	
PNHZ	comp=2.3,2nm,0.7s				
PNHZ	Paradox Valley	56.38 329	P	03 00 43.6 0.0	
PNHZ	comp=2.2,6nm,0.8s				
PNHZ	Paradox Valley	56.38 329	Iamb	03 00 45.6	
PNHZ	comp=2.7,3nm,1.0s				
PNHZ	Radium Mtn., P	56.38 329	Iamb	03 00 45.3	
PNHZ	comp=2.5,2nm,0.8s				
PNHZ	Pinedale Array	62.23 332	P	03 01 09.7 -1.5	
PNHZ	comp=2.0,4nm,0.6s,baz=141,slow=8.6,SNR=5.6				
PNHZ	HWUT	62.33 329	P	03 01 11.2 -0.6	
PNHZ	comp=2.0,4nm,0.6s			03 01 12.0	
PNHZ	Hardware Ranch	62.33 329	P	03 01 11.2 -0.6	
PNHZ	comp=2.2,9nm,0.8s				
PNHZ	Lac du Bonnet	63.67 345	P	03 01 18.8 -1.5	
PNHZ	comp=2.4,8nm,0.8s,baz=151,slow=10,SNR=5.3				
PNHZ	Lac du Bonnet	63.67 345	Iamb	03 01 19.6	
PNHZ	comp=2.5,2nm,0.8s				
PNHZ	Miná Array Bea	63.79 323	P	03 01 21.6 0.0	
PNHZ	comp=2.3nm,0.6s,baz=104,slow=4.8,SNR=2.7				
PNHZ	YHL	64.59 332	P	03 01 27.1 +0.3	
PNHZ	YHL	64.59 332	Iamb	03 01 28.4	
PNHZ	comp=2.5,5nm,0.8s				
PNHZ	Neumayer Olym	71.80 162	P	03 02 20.8 +9.5	
PNHZ	comp=2.0,5nm,0.2s				
PNHZ	Neumayer-Stat	72.03 161	P	03 02 16.5 +3.9	
PNHZ	comp=2.0,5nm,0.2s				
PNHZ	SNA	74.01 162	P	03 02 24.6 +0.1	
PNHZ	comp=2.1,4nm,0.6s,baz=281,slow=10,SNR=4.0				
PNHZ	SNA	74.01 162	Iamb	03 02 25.7	
PNHZ	comp=2.5,9nm,1.4s				
PNHZ	South Qui	79.22 180	P	03 02 55.3 +1.3	
PNHZ	comp=2.1,2nm,1.1s,baz=135,slow=2.7,SNR=2.4				
PNHZ	TORD	79.43 74	P	03 02 54.5 -1.5	
PNHZ	comp=2.1,2nm,1.1s				
PNHZ	Tordi Ar. Bea	79.43 74	P	03 02 54.5 -1.5	
PNHZ	comp=2.1,2nm,1.1s				
PNHZ	YKA	79.46 342	P	03 02 53.5 -1.5	
PNHZ	comp=2.1,2nm,1.1s				
PNHZ	Yellowknife Ar	79.46 342	P	03 02 53.5 -1.5	
PNHZ	comp=2.1,2nm,1.1s				
PNHZ	ESDC	82.46 47	P	03 03 12.0 +0.3	
PNHZ	comp=2.1,0nm,0.9s,baz=244,slow=5.3,SNR=4.6				
PNHZ	VNDA	86.24 190	P	03 03 30.5 +0.4	
PNHZ	comp=2.0,1nm,0.3s,baz=196,slow=16,SNR=7.0				
PNHZ	L29M	88.17 336	P	03 03 40.1 +0.4	
PNHZ	L29M	88.17 336	Iamb	03 03 40.7	
PNHZ	comp=2.6,4nm,0.9s				
PNHZ	NORSAR Array B	97.46 29	LR	03 45 39.2	
PNHZ	comp=2.1,2nm,20.2s,baz=280,slow=34				
PNHZ	ZALV	Zalesovo Beam	134.06 17	PKP	03 10 05.6 -0.6
PNHZ	comp=2.0,5nm,0.4s,baz=310,slow=5.8,SNR=3.3				
PNHZ	ASAR	Alisa Springs	135.72 219	PKP	03 10 09.7 -0.6
PNHZ	comp=2.0,6nm,0.8s,baz=160,slow=3.0,SNR=5.3				
PNHZ	WRA	Warramunga Arr	138.11 223	PKP	03 10 14.5 -0.3
PNHZ	comp=2.0,6nm,0.8s,baz=160,slow=3.0,SNR=5.3				
PNHZ	MTC	Manton Dam	145.19 228	eP	03 10 25.8 -1.3
PNHZ	comp=2.1,0nm,0.9s				
PNHZ	Hu-ho-hao-te	146.68 351	eP	03 10 34.5 +0.1	
PNHZ	comp=2.1,0nm,0.9s				
PNHZ	NJ2	Nanjing	155.55 331	eP	03 10 43.5 +0.4
PNHZ	comp=2.7,0nm,0.6s				
PNHZ	PZH	PanZhihua	164.12 12	PKP	03 10 51.8 -1.4
PNHZ	comp=2.7,0nm,0.6s				

AAK	Ala-Archa	1.87 56j	eP	Pb	03 04 39.7 -1.0
AAK	comp=2.0,5nm,0.3s,baz=187,slow=18,SNR=1.4				03 05 04.2 +0.1
AAK	Kararay Array	2.06 318	lP	Sb	03 05 43.0 -0.8
AAK	comp=2.0,5nm,0.3s,baz=187,slow=18,SNR=1.4				
KK31	1.2nm,0.2s,baz=131,slow=15,SNR=11			Sb	03 05 10.6 +1.2
TLV	Tavakasy	2.06 270	P	Sb	03 04 44.8 +0.8
TLV	comp=2.0,5nm,0.3s,baz=187,slow=18,SNR=1.4				03 05 11.9 -1.0
TLV	Tavakasy	2.06 270	P	Sb	03 04 50.9 -0.2
SGDS	Sogindy	2.48 41	Pg	Pg	03 05 22.9
SGDS	comp=2.0,5nm,0.3s,baz=187,slow=18,SNR=1.4				
TKM2	Tokmak 2	2.71 60j	eP	Pn	03 04 51.4 +1.2
TKM2	comp=2.0,5nm,0.3s,baz=187,slow=18,SNR=1.4				03 05 24.6 +1.5

IDC 27 03:47:20.1-0.7,39:175:174:93E,h0km,mb4.3/7,
 mbmp4.2/9,ML3.6/2,MS3.8/12,Error ellipse:
 s-maj=18.3km s-min=12.3km az=136.0
 WEL 27 03:47:23.9,39:195:174:91E,ML5.2,Mw4.8,Moment
 Tensor Solution. Moment tensor: Scale 10¹⁶Nm;
 Mrr=0.33; Mss=1.18; Mtt=1.77; Mss-0.72; Mss-0.40;
 Fault plane solution: Mo2.11000x10¹⁶ NP1;
 n=115.00000°, s=89.00000°, l=23.00000°. NP2;
 o=206.00000°, s=67.00000°, l=179.00000°. Principal axes:
 T: 2.0698, Plg15.0000°; Azm163.0000°; N: 0.0225,
 Plg67.0000°; Azm292.0000°; P: -2.0923, Plg17.0000°;
 Azm88.0000°. Stations used: BFZ,KRZ,GRZ,HAZ,KHEP,
 KNZ,MKAZ,MRZ,MWZ,MXZ,MNZ,OTVZ,STRIKE-SLIP
 FAULTING
 WEL 27 03:47:23.9,39:195:174:91E,ML5.2,Mw4.8,Moment
 Tensor Solution. Moment tensor: Scale 10¹⁶Nm;
 Mrr=0.33; Mss=1.18; Mtt=1.77; Mss-0.72; Mss-0.40;
 Fault plane solution: Mo2.11000x10¹⁶ NP1;
 n=115.00000°, s=89.00000°, l=23.00000°. NP2;
 o=206.00000°, s=67.00000°, l=179.00000°. Principal axes:
 T: 2.0698, Plg15.0000°; Azm163.0000°; N: 0.0225,
 Plg67.0000°; Azm292.0000°; P: -2.0923, Plg17.0000°;
 Azm88.0000°. Stations used: BFZ,KRZ,GRZ,HAZ,KHEP,
 KNZ,MKAZ,MRZ,MWZ,MXZ,MNZ,OTVZ,STRIKE-SLIP
 FAULTING
 WEL 27 03:47:23.9,39:195:174:91E,ML5.2,Mw4.8,Moment
 Tensor Solution. Moment tensor: Scale 10¹⁶Nm;
 Mrr=0.33; Mss=1.18; Mtt=1.77; Mss-0.72; Mss-0.40;
 Fault plane solution: Mo2.11000x10¹⁶ NP1;
 n=115.00000°, s=89.00000°, l=23.00000°. NP2;
 o=206.00000°, s=67.00000°, l=179.00000°. Principal axes:
 T: 2.0698, Plg15.0000°; Azm163.0000°; N: 0.0225,
 Plg67.0000°; Azm292.0000°; P: -2.0923, Plg17.0000°;
 Azm88.0000°. Stations used: BFZ,KRZ,GRZ,HAZ,KHEP,
 KNZ,MKAZ,MRZ,MWZ,MXZ,MNZ,OTVZ,STRIKE-SLIP
 FAULTING
 WEL 27 03:47:23.9,39:195:174:91E,ML5.2,Mw4.8,Moment
 Tensor Solution. Moment tensor: Scale 10¹⁶Nm;
 Mrr=0.33; Mss=1.18; Mtt=1.77; Mss-0.72; Mss-0.40;
 Fault plane solution: Mo2.11000x10¹⁶ NP1;
 n=115.00000°, s=89.00000°, l=23.00000°. NP2;
 o=206.00000°, s=67.00000°, l=179.00000°. Principal axes:
 T: 2.0698, Plg15.0000°; Azm163.0000°; N: 0.0225,
 Plg67.0000°; Azm292.0000°; P: -2.0923, Plg17.0000°;
 Azm88.0000°. Stations used: BFZ,KRZ,GRZ,HAZ,KHEP,
 KNZ,MKAZ,MRZ,MWZ,MXZ,MNZ,OTVZ,STRIKE-SLIP
 FAULTING
 WEL 27 03:47:23.9,39:195:174:91E,ML5.2,Mw4.8,Moment
 Tensor Solution. Moment tensor: Scale 10¹⁶Nm;
 Mrr=0.33; Mss=1.18; Mtt=1.77; Mss-0.72; Mss-0.40;
 Fault plane solution: Mo2.11000x10¹⁶ NP1;
 n=115.00000°, s=89.00000°, l=23.00000°. NP2;
 o=206.00000°, s=67.00000°, l=179.00000°. Principal axes:
 T: 2.0698, Plg15.0000°; Azm163.0000°; N: 0.0225,
 Plg67.0000°; Azm292.0000°; P: -2.0923, Plg17.0000°;
 Azm88.0000°. Stations used: BFZ,KRZ,GRZ,HAZ,KHEP,
 KNZ,MKAZ,MRZ,MWZ,MXZ,MNZ,OTVZ,STRIKE-SLIP
 FAULTING
 WEL 27 03:47:23.9,39:195:174:91E,ML5.2,Mw4.8,Moment
 Tensor Solution. Moment tensor: Scale 10¹⁶Nm;
 Mrr=0.33; Mss=1.18; Mtt=1.77; Mss-0.72; Mss-0.40;
 Fault plane solution: Mo2.11000x10¹⁶ NP1;
 n=115.00000°, s=89.00000°, l=23.00000°. NP2;
 o=206.00000°, s=67.00000°, l=179.00000°. Principal axes:
 T: 2.0698, Plg15.0000°; Azm163.0000°; N: 0.0225,
 Plg67.0000°; Azm292.0000°; P: -2.0923, Plg17.0000°;
 Azm88.0000°. Stations used: BFZ,KRZ,GRZ,HAZ,KHEP,
 KNZ,MKAZ,MRZ,MWZ,MXZ,MNZ,OTVZ,STRIKE-SLIP
 FAULTING
 WEL 27 03:47:23.9,39:195:174:91E,ML5.2,Mw4.8,Moment
 Tensor Solution. Moment tensor: Scale 10¹⁶Nm;
 Mrr=0.33; Mss=1.18; Mtt=1.77; Mss-0.72; Mss-0.40;
 Fault plane solution: Mo2.11000x10¹⁶ NP1;
 n=115.00000°, s=89.00000°, l=23.00000°. NP2;
 o=206.00000°, s=67.00000°, l=179.00000°. Principal axes:
 T: 2.0698, Plg15.0000°; Azm163.0000°; N: 0.0225,
 Plg67.0000°; Azm292.0000°; P: -2.0923, Plg17.0000°;
 Azm88.0000°. Stations used: BFZ,KRZ,GRZ,HAZ,KHEP,
 KNZ,MKAZ,MRZ,MWZ,MXZ,MNZ,OTVZ,STRIKE-SLIP
 FAULTING
 WEL 27 03:47:23.9,39:195:174:91E,ML5.2,Mw4.8,Moment
 Tensor Solution. Moment tensor: Scale 10¹⁶Nm;
 Mrr=0.33; Mss=1.18; Mtt=1.77; Mss-0.72; Mss-0.40;
 Fault plane solution: Mo2.11000x10¹⁶ NP1;
 n=115.00000°, s=89.00000°, l=23.00000°. NP2;
 o=206.00000°, s=67.00000°, l=179.00000°. Principal axes:
 T: 2.0698, Plg15.0000°; Azm163.0000°; N: 0.0225,
 Plg67.0000°; Azm292.0000°; P: -2.0923, Plg17.0000°;
 Azm88.0000°. Stations used: BFZ,KRZ,GRZ,HAZ,KHEP,
 KNZ,MKAZ,MRZ,MWZ,MXZ,MNZ,OTVZ,STRIKE-SLIP
 FAULTING
 WEL 27 03:47:23.9,39:195:174:91E,ML5.2,Mw4.8,Moment
 Tensor Solution. Moment tensor: Scale 10¹⁶Nm;
 Mrr=0.33; Mss=1.18; Mtt=1.77; Mss-0.72; Mss-0.40;
 Fault plane solution: Mo2.11000x10¹⁶ NP1;
 n=115.00000°, s=89.00000°, l=23.00000°. NP2;
 o=206.00000°, s=67.00000°, l=179.00000°. Principal axes:
 T: 2.0698, Plg15.0000°; Azm163.0000°; N: 0.0225

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like Baring Head, Kokohu, Moikau Station, East Tamaki Re, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like Deep Cove, Puysegur Point, Raoul Island, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like Torodi Ar, Península, etc.

27d 4h

Table with columns for station ID, name, frequency, power, and status. Includes stations like R33M Jennings River, MPMFY Sheldon Lake, MA2 Magadan, etc.

2020 SEP

Table with columns for station ID, name, frequency, power, and status. Includes stations like ASAJ Ephrata, I04A Tendick Farm, KXSX Camp Six Broad, etc.

1410

Table with columns for station ID, name, frequency, power, and status. Includes stations like WVOR Wild Horse Val, CVS Garnet Valley, FARB Farallon Island, etc.

27d 4h

Table with columns for station ID, name, coordinates, and various data points. Includes stations like SONM, SOMM, ZAK, HOPEN, etc.

2020 SEP

Table with columns for station ID, name, coordinates, and various data points. Includes stations like N41A, E46A, P40A, WFTS, etc.

1412

Table with columns for station ID, name, coordinates, and various data points. Includes stations like SCO, SCO, SCO, SCO, etc.

WVT	comp=Z,120nm,1.4s	IAMB	IAMB	04 22 23.8					
WVT	Waverly	57.91 71	IAMS_20	IAMS_20	04 48 13.7				
WVT	Waverly	57.91 71	P	P	04 22 07.7 -0.8				
WVT	Waverly	57.91 71	comp=Z,2umcomp=Z,49nm,1.6s						
WVT	Kevo	57.96 353	pP	sP	04 22 14.9 -0.6				
KEV	Kevo	57.96 353	P	P	04 22 07.2 -1.1				
KEV	Kevo	57.96 353	IAMB	IAMB	04 22 14.8				
KEV	Kevo	57.96 353	IAMS_20	IAMS_20	04 46 14.9				
KEV	Kevo	57.96 353	P	P	04 22 08.0 -0.4				
YHNB	Yeheng	58.04 270	P	P	04 22 10.7 +1.0				
OXF	Xford	58.10 74	IAMS_20	IAMS_20	04 48 27.7				
WHN	Wuhan	58.15 280	IP	P	04 22 10.3 0.0				
WHN	Wuhan	58.15 280	sP	pwP	04 22 22.0 +2.0				
WHN	Wuhan	58.15 280	S	S	04 30 10.3 -0.3				
WHN	Wuhan	58.15 280	pmax	pmax					
WHN	Wuhan	58.15 280	L	L					
WHN	Wuhan	58.15 280	L	L					
WHN	Wuhan	58.15 280	L	L					
143A	Soes Landing	58.16 76	IAMS_20	IAMS_20	04 50 36.5				
ERPA	Erie	58.22 61	IAMB	IAMB	04 22 17.4				
ERPA	Erie	58.22 61	IAMS_20	IAMS_20	04 48 58.0				
TRQ	Mont Tremblant	58.24 54	IAMB	IAMB	04 22 29.6				
NACB	Ninganchiao	58.27 269	P	P	04 22 12.1 +0.9				
NACB	Ninganchiao	58.27 269	IAMB	IAMB	04 22 30.2				
NACB	Ninganchiao	58.27 269	P	P	04 22 10.2 -0.9				
ARAO	ARCESS Array S	58.28 354	eP	P	04 22 11.3 +0.6				
ARAO	ARCESS Array S	58.28 354	IAMB	IAMB	04 22 14.0				
ARAO	ARCESS Array S	58.28 354	eS	S	04 30 09.5 -1.9				
ARAO	ARCESS Array S	58.28 354	IAMS_20	IAMS_20	04 49 14.9				
ARCES	ARCESS Array B	58.28 354	P	P	04 22 10.2 -0.5				
ARCES	ARCESS Array B	58.28 354	comp=Z,12nm,0.5s,baz=22,slo=6.0,SNR=19	LR	04 49 40.2				
ARCES	ARCESS Array B	58.28 354	comp=Z,3um,18.4s,baz=2.5,slo=38						
ARCES	ARCESS Array B	58.28 354	comp=Z,12nm,0.5s						
ARCES	ARCESS Array B	58.28 354	eP	P	04 22 10.0 -0.7				
ARCES	ARCESS Array B	58.28 354	P	P	04 22 10.2 -0.5				
MEDO	Medina	58.33 59	IAMB	IAMB	04 22 32.7				
P51A	Williamsport	58.34 65	IAMB	IAMB	04 23 20.7				
ZAIG	Zacatecas	58.44 93	P	P	04 22 12.5 -0.2				
ZAIG	Zacatecas	58.44 93	pP	sP	04 22 19.7 +0.1				
4A14	DeRidder	58.46 79	IAMB	IAMB	04 22 31.4				
Y45A	Yeager Farm, C	58.47 74	IAMS_20	IAMS_20	04 48 21.5				
TRO	Tromso	58.54 356	eP	P	04 22 12.5 +0.1				
TRO	Tromso	58.54 356	IAMB	IAMB	04 22 15.5				
TRO	Tromso	58.54 356	eS	S	04 30 15.0 +0.5				
TRO	Tromso	58.54 356	IAMS_20	IAMS_20	04 43 55.7				
JETT	Jettan, Norway	58.55 356	eP	P	04 22 14.5 +1.9				
PECO	Prince Edward	58.57 58	IAMB	IAMB	04 22 30.6				
O52A	Adamsville	58.59 64	IAMS_20	IAMS_20	04 50 34.6				
J55A	Hilton	58.60 59	IAMS_20	IAMS_20	04 50 41.1				
N53A	Lisbon	58.66 63	IAMB	IAMB	04 22 14.1				
N53A	Lisbon	58.66 63	IAMS_20	IAMS_20	04 49 42.6				
V48A	Smith Brothers	58.77 71	IAMB	IAMB	04 22 27.9				
V48A	Smith Brothers	58.77 71	IAMS_20	IAMS_20	04 46 42.4				
PAOC	Oil Creek Stat	58.80 61	IAMB	IAMB	04 22 28.7				
CLTN	Cedars of Leba	58.81 70	IAMB	IAMB	04 22 29.4				
NRS	Narsarsuaq	58.81 28	iP	P	04 22 14.5 +0.1				
NRS	Narsarsuaq	58.81 28	IAMB	IAMB	04 22 15.7				
U49A	Red Boiling Sp	58.84 69	IAMB	IAMB	04 22 28.6				
U49A	Red Boiling Sp	58.84 69	IAMS_20	IAMS_20	04 47 07.2				
MMNY	Mt. Morris Dam	58.92 59	IAMB	IAMB	04 22 24.2				
KTK1	Kautokeino	58.95 355	eP	P	04 22 14.8 -0.5				
KTK1	Kautokeino	58.95 355	IAMB	IAMB	04 22 18.6				
KTK1	Kautokeino	58.95 355	eS	S	04 30 19.5 -0.4				
KTK1	Kautokeino	58.95 355	IAMS_20	IAMS_20	04 45 58.7				
SSLB	Suanguang	58.95 270	P	P	04 22 16.4 +0.5				
SSLB	Suanguang	58.95 270	IAMS_20	IAMS_20	04 45 59.4				
SSLB	Suanguang	58.95 270	comp=Z,3umcomp=Z,285nm,0.9s,comp=Z,3um						
XAN	Xi'an	58.96 287	pP	sP	04 22 15.8 -0.2				
XAN	Xi'an	58.96 287	sP	pwP	04 22 25.5 -0.2				
XAN	Xi'an	58.96 287	S	S	04 30 21.0 -0.2				
XAN	Xi'an	58.96 287	ScS	ScS	04 32 02.0 -2.8				
XAN	Xi'an	58.96 287	pmax	pmax					
XAN	Xi'an	58.96 287	pmax	pmax					
XAN	Xi'an	58.96 287	L	L					
XAN	Xi'an	58.96 287	L	L					
XAN	Xi'an	58.96 287	L	L					
XAN	Xi'an	58.96 287	L	L					
YULB	Yu-li	59.02 269	P	P	04 22 17.6 +1.1				
YULB	Yu-li	59.02 269	P	P	04 22 15.2 -1.3				
VBMS	Vicksburg	59.04 76	IAMS_20	IAMS_20	04 48 38.6				
LVZ	Lovozero	59.06 349	eP	P	04 22 15.5 -0.6				
LVZ	Lovozero	59.06 349	pmax	pmax					
LVZ	Lovozero	59.06 349	P	P	04 22 15.8 -0.2				
LVZ	Lovozero	59.06 349	P	P	04 22 15.9 -0.2				
MNT0	Montreal, Queb	59.21 54	IAMB	IAMB	04 22 35.8				
P53A	Whipple	59.27 64	IAMB	IAMB	04 22 21.1				
S51A	Beattyville	59.31 67	IAMB	IAMB	04 22 32.4				
LONy	Lake Ozonia	59.34 56	IAMB	IAMB	04 22 37.2				
LONy	Lake Ozonia	59.34 56	IAMS_20	IAMS_20	04 47 07.5				
LMQ	La Malbaie	59.40 51	IAMB	IAMB	04 22 53.0				
DGZ	Jazzator, Alta	59.42 313	iP	P	04 22 19.4 +0.4				
DGZ	Jazzator, Alta	59.42 313	pmax	pmax					
J57A	Williamstown	59.45 58	IAMS_20	IAMS_20	04 48 04.5				
TPUB	Ta-pu	59.51 269	P	P	04 22 20.0 +0.2				
TPUB	Ta-pu	59.51 269	IAMS_20	IAMS_20	04 46 07.3				
TPUB	Ta-pu	59.51 269	P	P	04 22 19.4 -0.4				
TPUB	Ta-pu	59.51 269	P	P	04 22 16.0 -3.2				
APA	Apaitiy	59.51 350	e	e	04 23 06.8				
APA	Apaitiy	59.51 350	e	e	04 24 27.8				
APA	Apaitiy	59.51 350	eS	S	04 30 19.5 -7.7				

APA	Apaitiy	59.51 350	e	e	04 32 06.5				
APA	Apaitiy	59.51 350	eSS	SS	04 34 19.0 -2.5				
APA	Apaitiy	59.51 350	pmax	pmax					
L56A	Greenwood	59.52 60	IAMS_20	IAMS_20	04 47 37.2				
X48A	Hartselle	59.53 72	IAMB	IAMB	04 22 27.3				
X48A	Hartselle	59.53 72	IAMS_20	IAMS_20	04 50 46.7				
QZH2	Quanzhou	59.55 272	iP	P	04 22 20.3 +0.2				
QZH2	Quanzhou	59.55 272	S	S	04 30 31.0 +2.1				
QZH2	Quanzhou	59.55 272	pmax	pmax					
QZH2	Quanzhou	59.55 272	L	L					
QZH2	Quanzhou	59.55 272	L	L					
QZH2	Quanzhou	59.55 272	L	L					
QZH2	Quanzhou	59.55 272	L	L					
146A	Union	59.62 75	IAMS_20	IAMS_20	04 50 03.0				
SWET	Sewanee	59.65 71	IAMB	IAMB	04 22 33.6				
K57A	Scipio Center	59.66 58	IAMB	IAMB	04 22 30.1				
K57A	Scipio Center	59.66 58	IAMS_20	IAMS_20	04 47 16.8				
Z47A	Carrollton	59.81 74	IAMS_20	IAMS_20	04 51 07.0				
Q54A	Coxs Mills	59.93 64	IAMB	IAMB	04 22 25.9				
Q54A	Coxs Mills	59.93 64	IAMS_20	IAMS_20	04 47 40.1				
NCB	Newcomb	59.98 56	IAMB	IAMB	04 22 45.2				
NCW	Mont Chateau	60.01 63	IAMB	IAMB	04 22 25.5				
W50A	Signal Mountai	60.02 70	P	P	04 22 22.3 -1.0				
W50A	Signal Mountai	60.02 70	IAMS_20	IAMS_20	04 47 41.7				
FLET	Fletcher	60.10 55	IAMB	IAMB	04 23 24.5				
TZTN	Tazewell	60.10 68	IAMB	IAMB	04 22 22.9 -0.8				
TZTN	Tazewell	60.10 68	P	P	04 22 27.1 -0.7				
TZTN	Tazewell	60.10 68	P	P	04 22 23.6 -0.9				
LOF	Lofoten	60.19 359	eP	P	04 22 22.9 -0.9				
LOF	Lofoten	60.19 359	IAMB	IAMB	04 22 29.4				
LOF	Lofoten	60.19 359	eS	S	04 30 34.9 -1.0				
LOF	Lofoten	60.19 359	IAMS_20	IAMS_20	04 44 01.8				
J59A	Piesco	60.19 57	P	P	04 22 24.4 +0.1				
J59A	Piesco	60.19 57	IAMB	IAMB	04 22 30.2				
J59A	Piesco	60.19 57	IAMS_20	IAMS_20	04 50 11.0				
J62A	Alloppatt, All	60.34 51	IAMB	IAMB	04 22 54.2				
STEI	Steigen	60.36 358	eP	P	04 22 24.9 -0.1				
STEI	Steigen	60.36 358	eS	S	04 30 38.2 +0.2				
SSPA	Standing Stone	60.39 61	P	P	04 22 25.5 -0.5				
GT2A	Goatati	60.40 297	P	P	04 22 30.0 -0.9				
GT2A	Goatati	60.40 297	S	S	04 30 38.3 -1.5				
GT2A	Goatati	60.40 297	pmax	pmax					
GT2A	Goatati	60.40 297	L	L					
GT2A	Goatati	60.40 297	L	L					
GT2A	Goatati	60.40 297	L	L					
GT2A	Goatati	60.40 297	L	L					
LZH	Lanzhou	60.49 292	P	P	04 22 27.3 +0.7				
LZH	Lanzhou	60.49 292	eP	sP	04 22 34.0 +0.5				
LZH	Lanzhou	60.49 292	S	S	04 30 32.0 -9.1				
LZH	Lanzhou	60.49 292	pmax	pmax					
LZH	Lanzhou	60.49 292	pmax	pmax					
LZH	Lanzhou	60.49 292	L	L					
LZH	Lanzhou	60.49 292	L	L					
LZH	Lanzhou	60.49 292	L	L					
LZH	Lanzhou	60.49 292	L	L					
LZH	Lanzhou	60.49 292	L	L					
LRLAL	Lakeview Retre	60.56 73	IAMB	IAMB	04 22 40.0				
LRLAL	Lakeview Retre	60.56 73	IAMS_20	IAMS_20	04 49 54.8				
TKL	Tuckaleechee C	60.59 69	IAMB	IAMB	04 22 41.2				
S45A									

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like PTH, MORC, JMU, GRTK, NIL, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like MAK, MMR, BMR, MER, PSZ, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like SIM, KBA, KDU, CTA, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC. Includes entries for InterUniversit, Patillas Dam, Santo Domingo, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC. Includes entries for Concord Point, Cleveland East, Korovin Flat, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC. Includes entries for Zakros, Neapolis, Anoyia, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like CHNA, AMKA, VNFQ, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like KMPP, YBH, YAK, EDM, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like VHRN, SUMC, SONM, etc.

ADC 27 06:38:17.5:0.6, 24:57N:125:06E, h0km, mb4.2/20, mbtmp4.2/23, ML3.7/3, MS3.5/7, Error ellipse: s-maj=15.6km s-min=12.5km az=89.0

Table with columns for Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like JM2J, JM2K, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like CMHT, KESN, ALN, BAND, DURS, KYMI.

TEH 27-07:08:59.1,36.04N,53.44E, h13km, 11km, ML3.7

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like ISHM, IALA, IGLO, IFIR, IPRN, etc.

IDC 27-07:15:49.5,1.8,51.95N,169.75W, h0km, mb3.7/6

NEIC 27-07:15:51.8,1.2,51.90N,0.04,169.65W,0.07, h10km,2km

AEIC 27-07:15:55.0,1.1,51.97N,0.06,169.72W,0.08, h22km,7km

ISC 27-07:15:52.8,1.4,51.93N,0.1,169.67W,0.07, h22km,9km

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like CLCO, KOSF, GSTR, GSTD, GSKC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like PETK, BMAR, INK, YKA, PDAR, etc.

IDC 27-07:23:12.8,0.9,13.81N,93.24W, h0km, mb4.2/12

GCG 27-07:23:15.8,1.7,13.79N,0.06,93.17W, h24km,66km, MD4.9

NEIC 27-07:23:16.1,1.9,13.95N,0.06,93.11W,0.05, h10km,1km

MEX 27-07:23:16.1,1.0,13.92N,93.40W, h10km, MD4.2

CATAC 27-07:23:18.5,0.4,14.16N,93.3W, h57km,31km, M4.6/36

GFZ 27-07:23:18.0,0.4,14.14N,93.3W, h33km, M4.4/22

UCR 27-07:23:32.2,1.7,14.54N,91.39W, h237km,321km

ISC 27-07:23:17.7,2.7,13.92N,0.06,93.17W,0.04, h31km,19km

Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like THIG, PATR, CHUJ, PAVE, etc.

APG 27-07:24:38.1,3.9,7.0n,0.3s, baz=103,slw=13,SNR=12

APG 27-07:24:44.0,7.0n,0.3s, baz=103,slw=13,SNR=12

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like APG, TGIG, FAME, SLOZ, etc.

CMIG 27-07:24:52.5,0.7,6.1n,0.3s, baz=138,slw=19,SNR=6.5

CMIG 27-07:24:52.5,0.7,6.1n,0.3s, baz=138,slw=19,SNR=6.5

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like CMIG, JAYA, CEDA, MTO3, etc.

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like PEIG, ALJI, ALJU, ARROYO, etc.

27d 7h

Table with columns: JCT, Junction City, 17.58 341, P, Pn, 07 27 20.1 -0.3, etc. Lists various stations and their coordinates.

2020 SEP

Table with columns: ISCO, IDaho Springs, 28.00 339, P, P, 07 29 06.3 +0.1, etc. Lists various stations and their coordinates.

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Table with columns: ARCES, FINES, KURBB, MKAR, etc. Lists various stations and their coordinates.

ADC 27 07:24:50.2: 1.6, 5.2: 33N: 170.68W, h0km, mb3.8/6, mbmp3.8/9, ML3.0/3, MS3.4/2, Error ellipse: s-maj=46.1km s-min=20.4km az=178.0

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, etc. Lists various stations and their coordinates.

MAW Mawson 150.45 218 PKPbc PKPbc 08 37 35.2 -1.3 comp=Z,1.5nm,0.6s,baz=109,slow=7.9,SNR=4.4

IDC 27 08:25:05.0, 1.7, 5.47, 98N, 159.83W, h0km, mb3.4/4, mbmp3.4/7, ML3.3/3, Error ellipse: s-maj=39.5km s-min=17.5km az=160.0, NEIC 27 08:25:08.7, 1.3, 5.47, 79N, 159.79W, 0.04, h22km, 7km, mb3.6/15, ML3.5/40, ML3.3(AEIC), Error ellipse: s-maj=6.6km s-min=3.5km az=187.0, AEIC 27 08:25:09.1, 1.4, 5.47, 83N, 159.81W, 0.07, h19km, 5km, Error ellipse: s-maj=8.9km s-min=4.5km az=157.0, ISC 27 08:25:08.9, 0.8, 5.47, 81N, 159.69W, 0.03, h31km, 5km, n145, c1912/153, mb3.6/4, South of Alaska

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their parameters.

Table with columns: K13K, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations including Kusilvak Mount, Skilak Lake, Big River Lodg, etc.

Table with columns: AAK, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations including Karagaybulak, Chumysh, Osenovka, Naryn, Sogindy, etc.

TRN 27 08:54:00.0, 10.84N, 62.51W, h61km, MD3.3, North of the Paria peninsula. FUNV 27 08:54:19.1, 10.90N, 62.34W, h26km, MW3.1, Presumed earthquake

ISC 27 08:54:16.2, 13.01N, 62.46W, 0.04, h10km, 17km, n14, c0956/26, Near coast of Venezuela

IDC 27 09:40:48.7, 2.0, 21.60N, 143.20E, h285km, 18km, mb3.3/11, mbmp3.9/12, Error ellipse: s-maj=26.2km s-min=13.9km az=84.0

ISC 27 09:40:51.4, 0.9, 21.77N, 143.10E, h311km, n13, c1920/14, mb3.5/10, Mariana Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations including Chichijima, Korea Array, Warramunga Arr, etc.

CATAC 27 09:40:53.7, 0.4, 14.1N, 3.9W, h22km, 4km, M5.7/6, mb6.0/8, mb6.0/9, MLV5.6/6, Mw(MB)5.6/8, Mw(MWP)4.6/1, Mw(Mp)5.0/1, Error ellipse: s-maj=6.3km s-min=3.2km az=32.2, confirmed

GCMT 27 09:40:54.8, 0.1, 14.18N, 0.01, 90.91W, 0.01, h88km, 1km, MW5.3/147, Moment Tensor Solution. s132, c221; s147, c264; Duration: 1s1 Moment tensor: Scale 1017 Nm; Mn=0.29; M2=0.46; M3=0.15; M4=0.90; M5=0.36; M6=0.67; M7=0.01; Best double couple: M1=21800.0; M2=309.00000; M3=80.00000; M4=133.00000; M5=309.00000; M6=80.00000; M7=80.00000; Principal axes: T 1.3610, P1g34.0000; Azm127.0000; N -0.2840, P1g10.0000; Azm127.0000; P -1.0750, P1g54.0000; Azm231.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Mn-0.31; Mm0.48; Mx-0.17; Mm0.76; Mx-0.27; Mm-0.59;
 Fault plane solution: M1.09000x1017 NP1b; 77.80000°,
 517.15000°, A-139.56000°. NP2a; 308.64000°,
 678.97000°, A-76.79000°. Principal axes: T 1.1697,
 Plg33.0000°, Azm28.0000°; N -0.1928, Plg13.0000°,
 Azm126.0000°; P -0.9769, Plg54.0000°, Azm235.0000°;
 MOS 27 09:40:56.1±1.14; 34N:90.54W, h118km, mb5.3/19 Error
 ellipse: s-maj=11.8km s-min=6.5km az=110.1
 NEIC 27 09:40:56.5±1.6, 14; 20N:07.90; 79W:0.06, h110km, 6km,
 mb5.4/88, Mwrs.3/10, Mwvs.3/82, Error ellipse:
 s-maj=11.8km s-min=7.1km az=210.0, Moment Tensor
 Solution: Moment tensor: Scale 10¹⁷Nm, M=0.67,
 Mx=0.66; Mm=0.00; Mm=0.82; Mx=0.29; Mm=0.57; Fault
 plane solution: M1.24000x1017 NP1a; 302.58000°,
 572.56000°, A-81.52000°. NP2; 306.12000°, Plg19.33000°,
 A-115.16000°. Principal axes: T 1.2731, Plg27.0000°,
 Azm26.0000°; N -0.0701, Plg18.0000°, Azm120.0000°; P
 -1.2030, Plg62.0000°, Azm225.0000°;
 GFZ 27 09:40:56.4±0.2, 14; 20N:9.17W:1.1, h107km, 1km, M5.2/64,
 mb5.3/64, confirmed
 NEIC 27 09:40:56.3, 14; 18N:90.82W, h103km
 SNET 27 09:40:56.8±2.2, 14; 15N:90.80W, h85km, ML5.4,
 Resumed earthquake

MASN 27 09:40:56.2±3.15; 15N:15.90W:2.2, h133km, 12km, M4.8,
 mb5.2, mb5.0, Mw(mb)4.6, Mw(MWP)4.7, Mwps.1
 ISC 27 09:40:54.5±0.3, 14; 18N:0103.90; 83W:0.03, h102km, 2km,
 h102km; pP, n739, c158/849, mb5.2162, 20C-4D2,
 Guatemala

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
FG8	Yepocapa, Chim	0.27	73	Op	ISC	h m s ISC
FG8	Yepocapa, Chim				Sn	09 41 08.8 +0.6
FG16	Alotenango, Sa	0.32	73	Op	Sn	09 41 09.0 -0.7
FG16	Alotenango, Sa				Sn	09 41 20.8 -0.2
PCGS	San Vicente Pa	0.44	85	Op	Sn	09 41 20.2 -1.1
PCGS	San Vicente Pa				Sn	09 41 11.5 +0.9
CG4	OSOP	0.49	35	Op	Sn	09 41 13.3 +2.6
STG8	El Palmar, Qui	0.57	298	Op	Sn	09 41 28.1 +4.2
STG8	El Palmar, Qui				IAML	09 41 31.2
FAME	Alcaldia de Sa	0.86	113	Op	Pn	09 41 13.3 +0.3
FAME	Alcaldia de Sa				Sn	09 41 27.9 0.0
APG	El Apazote	0.89	23	Op	Sn	09 41 15.9 +1.7
APG	El Apazote				Sn	09 41 31.1 +2.2
APG	El Apazote	0.89	23	Op	Pn	09 41 15.9 +1.7
APG	El Apazote				Sn	09 41 31.4 +2.4
SLOZ	Alcaldia de Sa	1.02	98	Op	Pn	09 41 15.9 +0.5
SLOZ	Alcaldia de Sa				Sn	09 41 33.6 +2.5
SLOZ	Alcaldia de Sa	1.02	98	Op	Pn	09 41 15.7 +0.3
LOAL	Lomas de Alarc	1.03	100	Op	Pn	09 41 16.6 +1.1
LOAL	Lomas de Alarc				Sn	09 41 33.8 +2.5
LOAL	Lomas de Alarc	1.03	100	Op	Pn	09 41 16.1 +0.6
LOAL	Lomas de Alarc				Sn	09 41 33.3 +2.1
NUBE	Las Nubes	1.05	105	Op	Pn	09 41 16.1 +0.3
NUBE	Las Nubes				Sn	09 41 32.1 +0.2
NUBE	Las Nubes				IAML	09 41 35.7
NUBE	Las Nubes	1.05	105	Op	Pn	09 41 16.1 +0.3
NUBE	Las Nubes				Sn	09 41 32.5 +0.7
JUAM	Asuncion Mita	1.10	82	Op	Pn	09 41 17.1 +0.9
JUAM	Asuncion Mita				Sn	09 41 33.4 +1.1
JUAM	Asuncion Mita				IAML	09 41 42.8
RBDL	Robledal	1.11	93	Op	Pn	09 41 17.2 +0.8
RBDL	Robledal				Sn	09 41 34.9 +1.9
SBL	San Blas	1.22	106	Op	Pn	09 41 18.1 +0.4
SBL	San Blas				Sn	09 41 38.1 +2.8
CEVE	Cerro Verde	1.22	107	Op	Pn	09 41 18.9 +1.1
CEVE	Cerro Verde				Sn	09 41 38.3 +3.0
CEVE	Cerro Verde	1.22	107	Op	Pn	09 41 18.2 +0.4
CEVE	Cerro Verde				Sn	09 41 38.8 +3.5
UNIC	Universidad Ca	1.26	99	Op	Pn	09 41 18.5 +0.5
UNIC	Universidad Ca				Sn	09 41 37.7 +1.9
HUEH	Huehuetenango	1.31	330	Op	Pn	09 41 20.0 +1.2
HUEH	Huehuetenango				Sn	09 41 39.8 +2.7
HUEH	Huehuetenango	1.31	330	Op	Pn	09 41 20.3 +1.5
HUEH	Huehuetenango				Sn	09 41 38.7 +1.6
HUEH	Huehuetenango				IAML	09 41 44.7
HUEH	Huehuetenango	1.31	330	Op	Pn	09 41 20.2 +1.5
HUEH	Huehuetenango				Sn	09 41 40.1 +3.0
JAYA	Jayaque - finc	1.44	111	Op	Pn	09 41 20.6 +0.3
JAYA	Jayaque - finc				IAML	09 41 44.2
JAYA	Jayaque - finc	1.44	111	Op	Pn	09 41 20.9 +0.6
JAYA	Jayaque - finc				Sn	09 41 40.0 +0.2
JAYA	Jayaque - finc	1.44	111	Op	Pn	09 41 20.4 +0.2
JAYA	Jayaque - finc				Sn	09 41 35.8 +0.6
MTOS	Montecristo	1.44	81	Op	Pn	09 41 21.3 +1.0
MTOS	Montecristo				Sn	09 41 41.3 +1.5
MTOS	Montecristo	1.44	81	Op	Pn	09 41 21.4 +1.1
MTOS	Montecristo				Sn	09 41 21.8 +1.5
MTOS	Montecristo	1.44	81	Op	Pn	09 41 22.0 +1.2
MTOS	Montecristo				Sn	09 41 42.9 +3.0
CEDA	San Andres	1.44	105	Op	Pn	09 41 21.0 +0.9
CEDA	San Andres				Sn	09 41 42.6 +3.0
CEDA	San Andres	1.44	105	Op	Pn	09 41 20.7 +0.5
CEDA	San Andres				Sn	09 41 42.8 +3.2
ZAFR2	Estanzuela, Za	1.48	74	Op	Pn	09 41 22.4 +1.7
ESQI	Esquipulas	1.49	75	Op	Pn	09 41 22.0 +1.2
ESQI	Esquipulas				Sn	09 41 43.1 +2.4
PMON	Piamonte	1.54	107	Op	Pn	09 41 21.9 +0.4
PMON	Piamonte				Sn	09 41 43.7 +1.8
PMON	Piamonte	1.54	107	Op	Pn	09 41 22.0 +1.7
PMON	Piamonte				Sn	09 41 43.9 +1.9
BOQS	Boqueron	1.57	106	Op	Pn	09 41 23.0 +1.1
THIG	Universidad Ev	1.57	298	Op	Pn	09 41 22.2 +0.5
UEES	Universidad Ev	1.61	106	Op	Pn	09 41 22.8 +0.5
UEES	Universidad Ev				Sn	09 41 47.8 +3.9
IALI	Alcaldia de L	1.62	115	Op	Pn	09 41 22.4 +0.6
SEMO	Seminario San	1.63	107	Op	Pn	09 41 23.2 +0.7
SEMO	Seminario San				Sn	09 41 47.6 +3.8
UTEC	Universidad Te	1.65	107	Op	Pn	09 41 23.3 +0.5
UTEC	Universidad Te				Sn	09 41 47.2 +2.9
LOMA	Loma Larga	1.69	108	Op	Pn	09 41 23.7 +0.3
LOMA	Loma Larga				Sn	09 41 42.4 +1.9
PANCS	Alcaldia de	1.70	109	Op	Pn	09 41 23.7 +0.3
PANCS	Alcaldia de				Sn	09 41 48.0 +2.7
PAVA	Las Pavas	1.89	104	Op	Pn	09 41 26.6 +0.7
PAVA	Las Pavas				Sn	09 41 26.9 +1.0
COEG	Centro de Oper	1.89	104	Op	Pn	09 41 27.7 +0.9
COEG	Centro de Oper				Sn	09 41 46.0 +4.5
SNVI	San Vicente	2.01	106	Op	Pn	09 41 28.9 +1.4
P5NO	Presas 5 de nov	2.02	95	Op	Pn	09 41 28.1 +0.7
P5NO	Presas 5 de nov				Sn	09 41 54.3 +1.8
TECO	Alcaldia de Te	2.09	108	Op	Pn	09 41 29.0 +0.7
TECO	Alcaldia de Te				Sn	09 41 42.7 +0.9
ALJI	Alcaldia de J	2.35	111	Op	Pn	09 41 33.4 +1.7
ALJI	Alcaldia de J				Sn	09 42 01.8 +1.6
ALJI	Alcaldia de J	2.35	111	Op	Pn	09 41 32.6 +0.9
ALJI	Alcaldia de J				Sn	09 42 01.5 +1.3
PACA	Pacayal	2.53	106	Op	Pn	09 41 35.4 +1.2
BLLM	Beliamira	2.62	106	Op	Pn	09 41 36.5 +1.6
IZABA	Izabal, Puerto	2.66	54	Op	Pn	09 41 39.4 +3.6
IZABA	Izabal, Puerto				Sn	09 41 39.0 +3.2
LCND	La Caada	2.98	107	Op	Pn	09 41 41.6 +1.6
LCND	La Caada				Sn	09 41 41.3 +1.2
CNCH	Conchagua	3.04	122	Op	Pn	09 41 42.1 +1.6
TGIG	Tegucigalpa, Un	3.40	320	Op	Pn	09 41 46.2 +0.5
POTN	Potosi Cosigui	3.44	110	Op	Pn	09 41 48.4 +2.3
POTN	Potosi Cosigui				Sn	09 42 30.0 +3.9
TGUH	Tegucigalpa, Un	3.45	92	Op	Pn	09 41 47.8 +1.3
TGUH	Tegucigalpa, Un				Sn	09 41 42.9 +2.9
TGUH	Tegucigalpa, Un	3.45	92	Op	Pn	09 41 47.7 +0.9
TGUH	Tegucigalpa, Un				Sn	09 41 48.1 +1.7
CRIN	San Cristobal	3.96	111	Op	Pn	09 41 55.2 +2.0
CRIN	San Cristobal				Sn	09 41 55.5 +2.3
CRIN	San Cristobal	3.96	111	Op	Pn	09 41 55.8 +2.5
CRIN	San Cristobal				Sn	09 42 42.3 +2.4
CRIN	San Cristobal	3.96	111	Op	Pn	09 41 58.4 +2.0
CRIN	San Cristobal				Sn	09 41 58.8 +1.6
PLRN	Geotermica Pol	4.26	111	Op	Pn	09 42 48.3 +2.4
PLRN	Geotermica Pol				Sn	09 41 59.0 +1.7
OCON	Estacion meteo	4.26	97	Op	Pn	09 41 59.0 +1.7

CNGN	Cerro Negro	4.35	112	P	Pn	09 41 59.8 +1.3
CNGN	Cerro Negro				Sn	09 42 51.7 +3.4
CNGN	Cerro Negro	4.35	112	P	Pn	09 41 59.9 +1.3
MOM3	MOM3	4.51	111	P	Pn	09 42 02.1 +1.5
MOM3	MOM3				Sn	09 42 57.0 +5.0
RCFN	Al S de San Ju	4.53	98	Op	Pn	09 42 02.9 +1.5
RCVN	Varillal2	4.54	97	Op	Pn	09 42 02.9 +1.8
RCPN	Rio San Juan	4.64	97	Op	Pn	09 42 04.7 +2.2
AMTN	Mateare	4.70	114	Op	Pn	09 42 05.0 +1.8
AMTN	Mateare				Sn	09 43 00.0 +3.5
SCIG	Matibacuy	4.77	356	Op	Pn	09 42 05.5 +1.4
SCIG	Matibacuy				Sn	09 42 06.1 +1.4
CMIG	Matias Romero	4.86	307	Op	Pn	09 42 06.3 +0.9
CMIG	Matias Romero				Sn	09 43 01.9 +1.4
CMIG	Matias Romero	4.86	307	Op	Pn	09 42 06.3 +0.9
CMIG	Matias Romero				Sn	09 43 01.9 +1.4
CMIG	Matias Romero	4.86	307	Op	Pn	09 42 06.3 +0.9
CMIG	Matias Romero				Sn	09 43 01.9 +1.4
CMIG	Matias Romero	4.86	307	Op	Pn	09 42 06.3 +0.9
CMIG	Matias Romero				Sn	09 43 01.9 +1.4
UNAN	Cigeo Unan	4.89	114	Op	Pn	09 42 07.2 +1.4
UNAN	Cigeo Unan				Sn	09 42 06.6 +0.7
MGAN	Managua	4.90	114	Op	Pn	09 42 07.0 +1.1
MGAN	Managua				Sn	09 42 07.1 +1.2
MGAN	Managua	4.90	114	Op	Pn	09 42 07.0 +1.2
MATN	Matagalpa	4.93	104	Op	Pn	09 42 08.0 +1.6
MATN	Matagalpa				Sn	09 42 08.7 +1.2
MAS3	Al N del Volca	5.01	115	Op	Pn	09 42 09.3 +1.4
MAS3	Al N del Volca				Sn	09 42 09.4 +1.5
MASN	Masaya	5.05	115	Op	Pn	09 42 09.3 +1.4
MASN	Masaya				Sn	09 42 09.4 +1.5
MASN	Masaya	5.05	115	Op	Pn	09 42 09.3 +1.4

27d 9h

Table with columns for station name, frequency, power, and other technical details. Includes stations like OXF, MIAR, SDV, etc.

2020 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like PDAR, HRV, HRV, etc.

1430

Table with columns for station name, frequency, power, and other technical details. Includes stations like VA01, VA03, PEL, etc.

27d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Merkez, CAMT, CAMT, DUVT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like NNC 27 11:43:47.6, B33, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like IDC 27 11:45:27.7, K3K1, etc.

2020 SEP

Table with columns: STKA, Stephens Creek, 52.61 133 P, etc.

Table with columns: ZALV, Zalesovo Beam, 53.16 350 P, etc.

Table with columns: H04N2, CROZET ISLANDS, 63.28 215 T, etc.

Table with columns: CATAC 27 11:55:45.6, 0.13 N 3.37 W, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like PUYO, CHSH, etc.

Table with columns: ATAH, Atahualpa, 4.06 189 P, etc.

Table with columns: ATAH, Puerto Leguiza, 4.38 42 AM, etc.

1436

Table with columns: CPUP, Villa Florida, 30.28 142 LR, etc.

Table with columns: TXAR, Lampizas Array, 40.72 324 P, etc.

Table with columns: RCBR, Riachuelo, 41.79 95 LR, etc.

Table with columns: PDAR, Pinedale Array, 53.95 331 P, etc.

Table with columns: NVAR, Mina Array Bea, 55.77 322 P, etc.

Table with columns: YKA, Yellowknife Ar, 71.14 343 P, etc.

Table with columns: ILAR, Eielson Array, 84.05 336 P, etc.

Vertical text on the right side of the page containing station coordinates and technical details.

THS1	Thassos, Thass	0.77	13	P	Pg	12 22 34.0	-0.6	LKR	Lokris	1.70	218	P	Pn	12 22 48.1	-1.5	THAL	Thalero	2.35	214	P	Pn	12 22 57.5	-1.1
THS1				S	Sb	12 22 45.1	-0.7	LKR	Lokris	1.70	218	P	Pn	12 22 48.3	-1.3	THAL	Thalero	2.35	214	P	Pn	12 22 57.8	-0.8
PLG	Polygyros	0.79	299	S	Pg	12 22 34.3	-0.8	BAYC	CANAKKALE_Bayr	1.71	98	P	Pn	12 22 49.1	-0.7	THAL	Thalero	2.35	214	P	Pn	12 22 57.8	-0.8
PLG				S	Sb	12 22 45.3	-0.1	BAYC				P	Pn	12 22 49.1	-0.7	THAL	Thalero	2.35	214	P	Pn	12 22 57.8	-0.8
PLG				AML	AML	12 22 34.2	-0.8	RZN	Rozhen	1.73	10	S	Sb	12 23 11.4	-1.0	THAL	Thalero	2.35	214	P	Pn	12 22 57.8	-0.8
PLG	Polygyros	0.79	299	P	Pg	12 22 36.4	-0.7	RZN	Rozhen	1.73	10	S	Sb	12 23 11.4	-1.0	THAL	Thalero	2.35	214	P	Pn	12 22 57.8	-0.8
AOS	Alonnisos	0.90	204	P	Pg	12 22 50.2	+0.7	RZN	Rozhen	1.73	10	S	Sb	12 23 11.4	-1.0	THAL	Thalero	2.35	214	P	Pn	12 22 57.8	-0.8
AOS				S	Sb	12 22 36.6	-1.4	RZN	Rozhen	1.73	10	S	Sb	12 23 11.4	-1.0	THAL	Thalero	2.35	214	P	Pn	12 22 57.8	-0.8
AOS2	Alonnisos-2	0.93	205	P	Pg	12 22 49.9	+0.1	GRG	Griva	1.77	304	P	Pn	12 22 50.0	-0.6	SERG	Sergoula	2.38	229	P	Pn	12 22 58.2	-0.8
AOS2				S	Sb	12 22 36.6	-1.4	GRG	Griva	1.77	304	P	Pn	12 22 50.0	-0.6	SERG	Sergoula	2.38	229	P	Pn	12 22 58.2	-0.8
AOS2				AML	AML	12 22 38.9	-0.6	GRG	Griva	1.77	304	P	Pn	12 22 50.0	-0.6	SERG	Sergoula	2.38	229	P	Pn	12 22 58.2	-0.8
KAVA	Kavala	1.01	7	P	Pg	12 22 52.5	+0.1	ERIK	Erikli-Kesan	1.79	67	Pn	AML	12 22 49.9	-0.9	SERG	Sergoula	2.38	229	P	Pn	12 22 58.2	-0.8
KAVA				S	Sb	12 22 38.9	-0.6	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
KAVA	Kavala	1.01	7	P	Pg	12 22 38.9	-0.6	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
KAVA				S	Sb	12 22 51.7	-1.2	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
KAVA				AML	AML	12 22 39.0	-0.5	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
SMTH	Samothraki Isl	1.02	62	P	Pg	12 22 54.0	-0.8	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
SMTH				S	Sb	12 22 38.9	-0.6	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
SMTH	Samothraki Isl	1.02	62	P	Pg	12 22 53.4	-1.4	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
SMTH				S	Sb	12 22 39.0	-0.5	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
XOR	Xorichti	1.09	235	P	Pg	12 22 39.8	-1.1	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
XOR				S	Sb	12 22 54.4	-0.8	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
XOR	Xorichti	1.09	235	P	Pg	12 22 39.7	-1.1	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
XOR				S	Sb	12 22 53.3	-1.9	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
XOR	Xorichti	1.09	235	P	Pg	12 22 39.6	-1.3	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
XOR				S	Sb	12 22 39.9	-1.2	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
NEO	Neokhori	1.11	232	P	Pg	12 22 54.6	-1.1	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
NEO				S	Sb	12 22 39.6	-1.5	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
NEO	Neokhori	1.11	232	P	Pg	12 22 54.3	-1.4	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
NEO				S	Sb	12 22 40.9	-0.6	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
SOH	Sokhos	1.12	318	P	Pg	12 22 56.0	-0.3	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
SOH				S	Sb	12 22 40.5	-1.0	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
SOH	Sokhos	1.12	318	P	Pg	12 22 55.1	-1.1	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
SOH				S	Sb	12 22 40.8	-0.6	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
SOH	Sokhos	1.12	318	P	Pg	12 22 40.8	-0.9	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
SOH				S	Sb	12 22 40.7	-0.7	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
HORT	Horiatiss	1.13	303	P	Pg	12 22 40.7	-0.9	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
HORT				S	Sb	12 22 55.4	-1.0	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
HORT	Horiatiss	1.13	303	P	Pg	12 22 41.9	-0.8	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
HORT				S	Sb	12 22 59.8	+0.5	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
GADA	Gvkgeada	1.21	80	P	Pg	12 22 59.8	+0.5	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
GADA				S	Sb	12 22 42.0	-0.8	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
GADA	Gvkgeada	1.21	80	P	Pg	12 22 42.0	-0.8	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
GADA				S	Sb	12 22 42.3	-1.0	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
GOKC	Gokceada-Canak	1.22	80	P	Pg	12 22 42.5	-0.8	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
GOKC				S	Sb	12 22 58.2	-1.1	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
GOKC	Thessaloniki	1.24	302	P	Pg	12 22 42.1	-1.2	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
GOKC				S	Sb	12 22 58.3	-1.0	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
THE	Thessaloniki	1.24	302	P	Pg	12 22 42.1	-1.2	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
THE				S	Sb	12 22 58.3	-1.0	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
THE	Thessaloniki	1.24	302	P	Pg	12 22 42.0	-1.2	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
THE				S	Sb	12 22 42.0	-1.4	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
THE	Thessaloniki	1.24	302	P	Pg	12 22 58.2	-1.5	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
THE				S	Sb	12 22 42.5	-1.1	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
VOL2	Voios	1.25	240	P	Pg	12 22 42.5	-1.1	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
VOL2				S	Sb	12 22 58.9	-1.3	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
SRRS	Serrai	1.26	333	P	Pg	12 22 42.6	-1.1	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
SRRS				S	Sb	12 22 59.2	-1.0	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
SRRS	Serrai	1.26	333	P	Pg	12 22 42.4	-1.3	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
SRRS				S	Sb	12 22 58.6	-1.6	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
SRRS	Serrai	1.26	333	P	Pg	12 22 42.5	-1.1	AXAR	Agios Charalam	1.79	228	P	AML	12 22 50.0	-0.9	ACOR	Acrocorinthos	2.40	209	P	AML	12 22 56.5	-2.7
SRRS				S	Sb	12 22 43.7	-1.0	AXAR	Agios Charalam	1.79													

Table of seismic events with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like HUMR, SJES, GRUS, IVAS, etc.

Table of seismic events with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like GERES, KHC, KHC, Kasperke Hory, etc.

Table of seismic events with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like BIPH, CDOP, PLP, CAGAYAN DE ORO, etc.

SDD 27 13:18:26.6±3.7, 18°16'N; 71°29'W, h25km±19km, MD2.9, ML1.8, MW2.6, Presumed earthquake

OSPL 27 13:18:30.3±1.3, 18°14'N; 71°28'W, h16km±7km, ML2.2, MW2.6, Presumed earthquake

ISC 27 13:18:29.2±1.0, 18°17'N; 71°32'W, h10km±3km, n10, ±196°20,10C, Dominican Republic region

Table of seismic events with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like LOF, DBG, TRO, FAUS, etc.

SCB 27 14:20:20.9±1.1, 14°37'S; 67°88'W, h10km±6km, MB4.2, ML3.1/3, Error ellipse: s-maj=6.8km s-min=6.0km

Table of seismic events with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like BBOD, LPAZ, SOET, etc.

ISC 27 13:34:14.8±1.6, 9°36'N; 125°76'E, h0km±mb3.5/5, mbmp3.5/5, MS2.3/1, Error ellipse: s-maj=189.5km

Table with columns: AOE/A, Azimuth, Elevation, Station Name, Frequency, and other parameters. Includes entries for AOE/A Aquile, AOE/A SIV, and AOE/A SIV.

IDC 27 14:21:57.7-0.7, 6.75N-72.93W, h154km, 7km, mb3.6/6, mbmp3.1/9, Error ellipse: s-maj=22.1km s-min=7.5km az=131.0
NEIC 27 14:21:58.6-0.8, 6.6N-72.8W, h171km, 10km, mb4.2/6, Error ellipse: s-maj=23.6km s-min=8.7km az=134.0

RSNC 27 14:21:59.6-0.0, 7.1N-73.3W, h151km, 1km, M4.0, mb4.8, mb4.4, ML3.6, Mw(MB)4.1
FUNV 27 14:22:01.5, 7.09N-73.03W, h19km, MW3.9, Presumed earthquake

ISC 27 14:21:58.5-0.6, 6.86N-73.08W, h155km, 5km, n110, e189/147, mb4.2/23, North Colombia

Main table of seismic events for the first section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and ISC/Residual values.

Continuation of the seismic event table, listing various stations and their corresponding event data.

Continuation of the seismic event table, listing various stations and their corresponding event data.

Continuation of the seismic event table, listing various stations and their corresponding event data.

Continuation of the seismic event table, listing various stations and their corresponding event data.

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Continuation of the seismic event table, listing various stations and their corresponding event data.

Continuation of the seismic event table, listing various stations and their corresponding event data.

Main table of seismic events for the second section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and ISC/Residual values.

IDC 27 14:29:21.6-1.0, 9.36S-159.41E, h0km, mb3.6/4, mbmt3.6/4, MS3.2/1, Error ellipse: s-maj=39.0km s-min=18.2km az=174.0, Bougainville-Solomon Islands region

Main table of seismic events for the third section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and ISC/Residual values.

TIR 27 14:43:49.3, 40.98N; 19.81E, h7km, 2km, M2.7/5 SKO 27 14:43:49.3, 40.98N; 19.73E, h2km, ML2.5 BEO 27 14:43:49.5, 0.8, 40.88N; 19.60E, h20km, 4km, ML2.7/5 PDG 27 14:43:50.0, 0.4, 40.99N; 19.67E, h13km, 1km, ML2.9/10 Error ellipse: s-maj=0.5km s-min=1.3km az=0.0 ISC 27 14:43:49.4, 1.1, 41.00N; 0.02-19.76E; 0.03, h8km, 9km, az=7.0

Main table of seismic events for the fourth section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and ISC/Residual values.

Main table of seismic events for the fifth section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and ISC/Residual values.

Main table of seismic events for the sixth section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and ISC/Residual values.

Main table of seismic events for the seventh section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and ISC/Residual values.

Main table of seismic events for the eighth section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and ISC/Residual values.

Main table of seismic events for the ninth section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and ISC/Residual values.

Main table of seismic events for the tenth section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and ISC/Residual values.

Main table of seismic events for the eleventh section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and ISC/Residual values.

NEIC 27 14:51:11.2-2.7, 6.29N-102.08W, h127.14E, 0.09, h19km, 5km, mb4.4/14, Error ellipse: s-maj=16.1km s-min=7.3km az=47.0

IDC 27 14:51:11.0-4.1, 6.31N-127.24E, h22km, 25km, mb3.7/11, mbmp3.9/12, ML3.7/11, MS2.9/3, Error ellipse: s-maj=31.2km s-min=11.1km az=56.0 DJA 27 14:51:12.0, 0.5, 6.1N-4.1E, h174km, 6km, M4.1/8, mb4.7/6, mb4.2, MLv4.2/8, Mw(MB)3.9/6 MAN 27 14:51:12.0, 5.90N; 126.56E, h11km, MS3.8 ISC 27 14:51:14.0, 1.0, 6.12N-126.96E; 0.08, h47km, 10km, n55, e182/56, mb4.1/17, Mindanao

Main table of seismic events for the twelfth section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and ISC/Residual values.

Main table of seismic events for the thirteenth section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and ISC/Residual values.

Main table of seismic events for the fourteenth section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and ISC/Residual values.

Main table of seismic events for the fifteenth section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and ISC/Residual values.

Main table of seismic events for the sixteenth section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and ISC/Residual values.

Main table of seismic events for the seventeenth section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and ISC/Residual values.

Main table of seismic events for the eighteenth section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and ISC/Residual values.

Main table of seismic events for the nineteenth section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and ISC/Residual values.

Main table of seismic events for the twentieth section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and ISC/Residual values.

Main table of seismic events for the twenty-first section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and ISC/Residual values.

Main table of seismic events for the twenty-second section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and ISC/Residual values.

Main table of seismic events for the twenty-third section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and ISC/Residual values.

Main table of seismic events for the twenty-fourth section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and ISC/Residual values.

Table with columns: EVN, Everst, 43.80 305, P, Iamb, P, 14 59 16.2, -0.1, 14 59 17.8, etc.

IDC 27 14:55:46.3; 1.49; 33N; 156; 06E; h0km; mb3.6/12, mbmp3.7/15, ML4.4/2, MS2.8/5, Error ellipse: s-maj=27.7km s-min=15.3km az=131.0

KRSC 27 14:55:47.8; 1.49; 16N; 157; 14E; h39km; 25km, ML4.3 MOS 27 14:55:50.7; 1.49; 33N; 156; 29E; h51km; mb4.7/1, Error ellipse: s-maj=15.7km s-min=3.9km az=78.2

NEIC 27 14:55:51.6; 1.49; 45N; 09; 156; 25E; 0.2; h35km; 2km, mb4.4/7, Error ellipse: s-maj=22.1km s-min=5.7km az=129.0

ISC 27 14:55:52.5; 0.47; 26N; 08; 156; 44E; 0.08; h57km; n96, c135/107, mb3.7/17, 1C, Kuril Islands

Main station list table with columns: Code, Station Name, Az, Az, Phase ID, Time Res, etc.

Main station list table with columns: KSR, Korea Array, 23.70 251, P, 15 00 59.4, +0.4, etc.

Main station list table with columns: KAVA, Kavala, 1.05 7, AML, AML, 16 05 27.3, -1.0, etc.

27d 17h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like BRDH Baridhala, HYB Hyderabad, DGZ Jazzator, Alta, NGCH Negor, Gaotai, etc.

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like ALNE AI Ain, ASUD AI Ashush, MHTO Ajan, etc.

1450

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like OZAP Van, Ozalp-Mer, ABTO Aybut, LYN LuoYang, etc.

27d 18h

Table with columns for station name, frequency, mode, and coordinates. Includes stations like ASUD AI Ashush, BHK Bhakra, AJN Ajan, etc.

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Table with columns for station name, frequency, mode, and coordinates. Includes stations like MAK Mak, MAK Mak, GNI Gani, etc.

1454

Table with columns for station name, frequency, mode, and coordinates. Includes stations like ZAK Zakamensk, AK09 Malin Array Si, etc.

1455

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like JAVC, XLT, SMOL, MODS, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like HFS, ARCES, CN2, NB2, NOA, etc.

27d 18h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like MARNC, SANVU, YATNC, etc.

IDC 27 18:21:34.9, 0.7: 17.985x:178:52W, h583km, 8km, mb3.7/13, mbmp4.6/16, Error ellipse: s-maj=18.3km s-min=10.4km az=145.0

NEIC 27 18:21:34.3, 1.5, 18.0S:0.1x:178:4W:0.1, h584km, 7km, mb4.4/15, Error ellipse: s-maj=18.5km s-min=15.5km

NOU 27 18:21:34.6, 17.95S:178:44W, h588km, mb4.7/17, Fiji Islands Region

GFZ 27 18:21:35.0, 0.2, 18.5S:5.17:8W:1, h592km, M4.6/29, mb4.7/29, confirmed

ISC 27 18:21:33.9, 0.4, 17.99S:0.07x:178:38W:0.05, h579km, n252, t1909/217, mb4.5/10, 1C-1D, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Mode, and other parameters. Includes stations like LKBA, DGTI, MSVF, etc.

27d 18h

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res. Includes stations like SONMI, ARTI, FINES, YAK, ARCES, NOA, TORD, WRA, LBTB, ASAR.

AFAD 27 18:55:45.4, 40.01'N, 24.43'E, h21km, 2km, ML3.3
MCSM 27 18:55:45.9, 0.5, 40.0'N, 24.43'E, h11km, 4km, mb4.3, MLv4.2
THE 27 18:55:47.0, 40.0'N, 0.8, 24.3'E, 0.9, h14km, 1km, M3.4/43, MLh3.4/43
IDC 27 18:55:46.3, 0.9, 39.90'N, 24.51'E, h0km, mb3.5/7, mbtmp3.6/11, ML3.6/2, MS2.5/2, Error ellipse: s-maj=17.9km s-min=12.3km az=99.0
ISK 27 18:55:46.7, 40.01'N, 24.47'E, h7km, ML3.7/33
ATH 27 18:55:47.2, 39.97'N, 24.35'E, h20km, 1km, ML3.5/48, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km
ISC 27 18:55:46.1, 0.0, 39.92'N, 24.37'E, 0.01, h6km, 9km, m249, s13/300, mb3.4, 25C-14D, Aegean Sea

Main station list table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res. Includes stations like OUR, PAIG, LMNI, EFS, LIA, THAS, PLG, AOS, SMTH, XOR, KAVA, NEO, SOH, GADA, BOZC, KYMI, SERRAI, KUCA, GPNR, NVR, EZN.

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Main station list table with columns: EZN, Ezine, Az, Phase ID, Time, Res. Includes stations like EZN, Ezine, ENEZ, CNKL, CAVK, Enez, Alexandroupoli, Atalanti, Paraskevi, Lokris, Tyrnavos, Tayfur-Gelibol, Musomishta, Agios Charalamb, Agios Charalam, Rozhen, Eriki-Kesan, Agios Georgios, Griva, Kurdzhal, Stefani, Dionisos Attik, Dionisos Attik, Kean, EDOR, Lapseki, Karystos, Karystos, Ayvalik, Penteli, Penteli, Lapseki, ANA, Marmaro, Chios, Villia, Soufli, Valandovo, Athens-Neo Psi, Edirne-Kesan, Athens Unvers, Athens Unvers, Athens-Thissio, Athens Observa, Chios island, Chios island, Chios island, Chios island, zmir-Karabur, Kozani, Kozani, Can-anakkale, Uzunkopru-Edir, Edirne-Balk, Voula, Athens, Voula, Athens, Balikesir, Bur, Kizilirmak, Dikili, Dikili, Karaburun, Biga-Canakkale, Pehcevo, Loutraki, Loutraki, Yenice-Canakka, Loutraki, Evrytania, Evrytania, Plovdiv, Plovdiv, Sarkoy-Tekirda, Karabiga-Canak.

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Main station list table with columns: KRBG, ZEDA, THAL, Thalero, Dimitrovgrad, Kiproio, Kiproio, Kipitha, Kipitha, Psaromita, Psaromita, Acrocorinthos, Serghoula, Serghoula, Pyrgos, Dorida, Gazikoy-TEKIRD, Magoula, Dorida, Agioi Theodoros, EFP, EFP, METS, Agios Giorgos, MET2, Kameni Chora, Tetrakomo, Epi, Gnen, Methana Town, VVK, AIOA, LAKA, LAKA, MET3, Balya, Marmara adas, GOURA, Gonen-Balikesi, Kalavryta, Ach, PRMD, Agrapidokambos, Marmara Adasi, Paravola, Soma-Manisa, Edrbr, Ampelaki, Tekirdag, BALIKESIR, Edincik, Edincik, Balikesir, Balikesir, Balikesir-Mer, Plevrona-Mesol, CMHT, Prodomos, Corlu, Dro, Pinarhisar, Marmara Eregli, Igomunitasa, Artemida-Makis, Ithomi, Yalikoy Yolu, Veliai, Plevon, Kerkira, Kilyos, LOZB, Yalova, Razgrad, Razgrad, Voineasa-Rosu, DENIZLI, Tavasa, Anoyia, ICOR, Herculane, Moldovita, Istrita, Tirusor, Tirusor, Tirusor, Tirusor, Lotru, Gura Zlata, Muntele Rosu, Muntele Rosu, Timpagrande, Carcalui, Sahastru, Deva, Surdu, Voineasa-Covas, DOPR, Plostina, Vri Vrincoia, Vri Vrincoia, Medias, Medias, Turia, Turia.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like OZJUR, PANC, KEPZ, VLAD, GHRD, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like SMST, Manzhou Townsh, SMST, Hengchuen, Pin, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like NSTT, Nanjuang, NSTT, Yeheng, etc.

IDC 27 19:07:07.6:2.2, 6:58S, 129.70E, h125km, 24km, mb3.7/1, mbtmp3.8/6, Error ellipse: s-maj=29.0km s-min=19.0km az=109.0

IDC 27 19:07:04.5:1.1, 6:80S, 129.90E, 0.1, h104km, n6, az=246.9, Banda Sea

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like SUJI, Sorong, SUJI, BATI, Bati, FITZ, Fitzroy Crossi, FITZ, WRA, Warramunga Arr, WRA, ASAR, Alice Springs, ASAR, MKAR, Makanchi Array, etc.

IDC 27 19:21:42.9:2.3, 16:25S, 172.73W, h0km, mb3.6/3, mbtmp3.7/4, ML4.4/1, MS2.8/4, Error ellipse: s-maj=93.7km s-min=22.0km az=134.0, Samoa Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like AFI, Afiamalau, AFI, WSL, WSL, AFI, MSFV, Nonsavu, PPT, Papeete, HNR, Honiara, WRA, Warramunga Arr, ASAR, Alice Springs, PDAR, Pinedale Array, BRTR, Keskin Array B, etc.

IDC 27 19:22:12.3:0.7, 22:23N, 121.44E, h0km, mb3.9/15, mbtmp3.9/17, ML3.7/2, MS3.1/4, Error ellipse: s-maj=17.1km s-min=14.0km az=77.0

NIED 27 19:22:15.0:2.20N, 121.54E, h7km, MW3.8, Moment Tensor Solution, s2 Moment tensor: Scale 10^14Np1; Mn:2.85; Mm:2.10; Ml:0.495; Ml:0.264; Ml:0.17; Ml:2.98; Fault plane solution: Ms:5.850000/10^14 NP1; phi:148.000000, delta:37.000000, lambda:31.000000. NP2:phi:32.000000, delta:72.000000, lambda:122.000000

JAP 27 19:22:15.9:2.239N, 121.35E, h17km, ML4.3, h3km

TMA 27 19:22:15.0:0.1, 22:5N, 0.7:121.5E:0.5, h2km, 3km, MV4, 1/20, TAIWAN REGION

IDC 27 19:22:14.7:1.0, 22:37N, 0:02:121.44E:0:02, h15km, 6km, n200, phi:16/286, mb3.9/15, MS3.0/4, 7C-6D, Taiwan region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like LDUT, Ludao, LDUT, Lan-yu, LAY, LYUB, Lan-yu, TTN, Taitung, TTN, Taimali, ECL, TAW, Tawu, TAW, EAST, Anshuo, TWGBT, Beinan, TWGBT, Beinan, TWGBT, Beinan, TWG, Pinlang, LONT, Longtian, LONT, SLIU, Shizi, SLIU, Donghe, EDH, Donghe, EDH

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like TPUB, Ta-pu, TPUB, YUS, Yu-Shan, CHN3, Shinhua, CHN4, Tsauhsan, TWK, Hsiangyung, ALS, Alishan, FAH, Fung-kang, SSHA, Shanhua, WCKO, Fanlu, WCKO, Jichi Village, WCKO, Englin Townsh, SCLT, Jiali, SCLT, TSauling, CHN5, Tsauling, CHN5, SHUL, Shoufeng, WHYT, Xinyi Township, WHYT, ES, Shiin, ICHU, Yijhu, ICHU, CHIAYI, Chiyai, TSKC, Chigu Township, TSKC, SSSL, Suanglung, SSSL, Suanglung, SSSL, Suanglung, CHN8, Yiju, CHN8, TEYL, Yanilau Villag, WDLH, Douliu, WDLH, Sun Moon Lake, SMLT, Tongmen, ETM, Renai, OWD, WSL, Shuilin Township, WSL, HWA, Hwaiien, TYC, Yuchr, TYC, WTK, Tuku, WTK, RENAI, WUBS, Renai, LXIB, Xiulin Townshi, WNT, Mingjing, WNT, WSF, Sshu, WSF, TWD, Chiawien, WCS, Beigang Elemen, WCS, Hehuan Shan, WHF, Fush Village, WHF, NINGANCHIAO, NINGANCHIAO, NINGANCHIAO, RLNB, Erlin, RLNB, Guolierin Hig, WRL, WRL, ETHL, Xiulin Townshi, WCHT, Changhua City, WCHT, WCHH, Zhanghua, WCHH, TWT, Tachien, TWT, TWT, TDCB, Tech, TCU, Taichung, TCU, EOS4, EOS4, WHP, Taichung City, WHP, AOHUA, Aohua, WCHM, Dimei, WCHM, VCHM, VCHM, NNSB, Datong, PHUB, Peng-hu, PHUB, NNSB, Nan Shan, NNSB, TQW1, Liyutan, TQW1, ENA, Nanau, EOS3, EOS3, EWST, Wuta, WDJ, Dajia District, PNG, Penghu, PNG, LATS, Eatong, LATS, TWC, Suao, TWC, WDSH, Dufangshan, NDF, Wufeng Townshi, NDF

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like NSTT, Nanjuang, NSTT, Yeheng, Yeheng, Yeheng, NSK, Sanguang, LIOB, Emei, LIOB, NEICHENG, TWE, Neicheng, FUSHAN, Fushanzhiwuyua, NWL, Wulai, NWL, KSHI, Guanxi Townshi, KSHI, JYNG, Yonagunijimaku, JYNG, EGS, Yoj, Yonaguni jima, YOJ, Yonaguni jima, YOH, Yonaguni jima, NHHD, Xindian Distri, TATO, Taipei, TATO, NCUH, Zhongli, NCUH, Mueha, NCUH, Shuangxi, TPB, Santiao Chiao, TWB1, Santiao Chiao, WFLS, Wu-fen Shan, TWB1, Kuangyinsthan, TWB1, Gren Mountain, XFI, Gren Mountain, SXJ, Hateruma jima, HATJ, YMO1, YMO1, ZUZH, Zhuzhiu, ZUZH, NSTS, Danshui, NSTS, ANPU, Anpu, YMO8, YMO8, YMO8, IRIF, Iriomote-Funau, IRIF, JKRS, Kuro-shima, JKRS, VWUC, VWUC, ISHIGAKI, Ishigaki jima, ISHIGAKI, PTMZ, Houxiangcun, PTMZ, KNM, Kinmen, KNM, ISHIGAKIJMAH, ISHIGAKIJMAH, JISG, Chin-men Tao, JISG, KNMB, Miyako jima3, JIMJ, Miyako jima 2, JIMJ, IKEMAJIMA, IKEMAJIMA, JIKM, GUSUKUBE, JIKM, JOGS, Jianjiangzhen, JOGS, CALLOA, CALLOA, CVP, DASHIQU, DASHIQU, XPSS, Panhouchang, XPSS, PALP, PALP, JKE, Kume jima 2, JKE, HKPS, Hong Kong Po S, HKPS, KUNIGAMI, KUNIGAMI, JOW, Suanglung, JOW, KUNIGAMI, KUNIGAMI, KRSR, Chiang Mai Arr, KRSR, CMAR, CMAR, USRK, Ussuriysk Ar, USRK, ASAJ, Ashikawa, ASAJ, KLR, Kul'dar, KLR, SONM, Songino Array, SONM, MKAR, Makanchi Array, MKAR, ZALV, Zalesovo Beam, ZALV, H1N1, WAKE ISLAND Hy 42.39, H1N1, WAKE ISLAND Hy 42.39, H1N2, WAKE ISLAND Hy 42.39, H1N2, WAKE ISLAND Hy 42.41, H1N3, WAKE ISLAND Hy 42.41, H1N3, WAKE ISLAND Hy 42.47, H1S1, WAKE ISLAND Hy 42.47, H1S2, WAKE ISLAND Hy 42.48, KURB, Kurchatov Arr, KURB, WRA, Warramunga Arr, WRA, ASAR, Alice Springs, ASAR, BVAR, Borovoye Array, BVAR, STKA, Stephens Creek, STKA, ARCES, ARCES Array B, ARCES, FINES, FINES Array B, BRTR, Keskin Array B, NOA, NORSSAR Array B, GERS, GERS Array B

Table with columns: Station Name, Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AXAR, ERIK, GRG, GUR, KURZHALI, etc.

Table with columns: Station Name, Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MADA, AIOA, LAKA, MET3, etc.

Table with columns: Station Name, Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LOF, ARAO, ARAO, ARCES, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like FETH, FETH, FETH, Mula-Dalaman, DENIZLI Tavass, etc.

GCG 27.21:58.16.6.0.9, 15.28N; 92.58W, h70km, 30km, MD4.0, Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like RTAL, RTAL, HUEH, etc.

SJA 27.22:06:05.6.1.1, 19.35S; 69.87W, h90km, ML3.5, MW3.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PSGCX, PSGCX, PSGCX, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PB08, PB08, PB08, etc.

DMN 27.22:16.47.9.0.3, 29.01N; 87.49E, h10km, ML4.4, 7, Error mbmp3.7/4, Error ellipse: s-maj=73.2km s-min=37.6km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GUN, GUN, GUN, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like NOA, WRA, ASAR, ESDC, TORD, CPUP.

IDC 27.22:58.51.6.2.4, 28.05S; 63.20E, h0km, mb3.7/3, mbtmp3.7/4, Error ellipse: s-maj=73.2km s-min=37.6km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like OPO, OPO, OPO, etc.

VAO 27.23:06.28.1.0.8, 20.49S; 69.33W, h145km, mb4.2, Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PB08, PB08, PB08, etc.

Table with 4 columns: Station, Time, Res, and other parameters. Includes stations like FRTB, SNDB, ITTB, JANB.

IDC 27 23:23:36.0.0.6, 28.80N-51.36E, h0km, mb4.2/24, s-maj=14.0km s-min=10.3km az=1.0

MOS 27 23:23:35.1.1.2, 28.78N-51.42E, h10km, mb4.6/27, Error ellipse: s-maj=6.5km s-min=4.6km az=103.8

NEIC 27 23:23:36.9.2.4, 28.82N-51.32E, h0km, mb3.9/20, mb4.3/48, Error ellipse: s-maj=12.0km s-min=9.5km az=152.0

TEH 27 23:23:37.5.28.89N-51.34E, h8km, 24km, ML4.2, Presumed earthquake

THR 27 23:23:39.0.0.0, 28.88N-51.26E, h15km, 650km, ML4.5, Presumed earthquake

GFZ 27 23:23:39.3.0.3, 29.1N-51.1E, h10km, M4.5/22, mb4.5/22

DSN 27 23:23:42.2.0.2, 28.56N-51.52E, h10km, ML4.8/15, Error ellipse: s-maj=26.5km s-min=8.9km az=176.0

OMAN 27 23:23:43.8.0.1, 28.55N-51.70E, h5km, 1km, mb3.9/20, m4.5/12, Error ellipse: s-maj=1.6km s-min=0.8km az=318.0

ISC 27 23:23:38.3.0.3, 28.86N-51.34E, h17km, n354, e172/377, mb4.3/83, MS3.3/17, 33C-17D, Southern Iran

Main station list table with columns: Code, Station Name, Time, Res, and other parameters. Includes stations like DSBU, KAZZ, SHI, JHRM, etc.

Main station list table with columns: Station Name, Time, Res, and other parameters. Includes stations like RAYN, HOQ, BSY, SHRO, SMDO, etc.

Main station list table with columns: Station Name, Time, Res, and other parameters. Includes stations like ISP, ELL, ELM, DRK, etc.

28d 2h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ZALV, H04N2, H04N1, H04N3, H04S1, H04S3, H04S2, BVAR, AB31, ABKAR, TXA1, TXA2, TXA3, TXA4, TXA5, CO03.

IDC 28 01:20:06.1-9.9, 37.14N:71.49E, h108km, mb3.3/4, mltmp3.6/9, Error ellipse: s-maj=113.6km s-min=53.7km

NCC 28 01:20:10.1-4.9, 37.86N:71.29E, h6km, mb4.3, mpv4.0, Error ellipse: s-maj=46.2km s-min=28.5km

ISC 28 01:20:08.8-1.7, 37.6N:01:17.3E:0.1, h108km, n17, o19:21, mb3.6/4, 2C-5D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like IUG, MRKS, KK31, BRLL, AAK, SGDS, MKAR, KURBB, AB31, BVAR, ZALV, FINES, HFS, NB2, NOA, ESDC.

IDC 28 02:09:15.0-3.4, 18.01S:178.66W, h584km, 22km, mb3.2/4, mltmp4.1/5, Error ellipse: s-maj=89.4km s-min=38.3km az=24.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MSVF, STKA, WRA, ASAR, GSPA.

SSNC 28 02:16:10.6-0.8, 18.88N:72.30W, h16km, 7km, MD3.3, ML2.0, Presumed earthquake

OSPL 28 02:16:11.2-0.7, 19.31N:72.25W, h0km, 5km, ML1.9, Presumed earthquake

SDD 28 02:16:12.6-2.1, 19.74N:72.01W, h30km, 67km, MD3.1, ML2.1, MW2.4, Presumed earthquake

ISC 28 02:16:10.3-1.4, 19.81N:0.06:72.18W:0.03, h16km, 12km, n16, o19:22, 11C, Haiti region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MCDR, LOPP, REDR, SDDR, LONE3, SC01, Lodu1, ABDR, BANI.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BANI, QMBU, NMDO, GTBY, HATOM, RCC, PNC, PINC.

SOF 28 02:28:59.3, 39.90N:0.03:24.48E:0.02, h15km, 2km, MD3.1/1

THE 28 02:29:01.6, 40.0N:0.9:24.3E:0.8, h15km, 1km, M3.2/15, ML3.2/15

ISC 28 02:29:01.0, 40.00N:24.38E, h16km, ML3.5/23

IDC 28 02:29:01.6-1.7, 40.03N:24.52E, h0km, mb3.5/3, mltmp3.5/4, ML3.2/1, MS3.4/2, Error ellipse: s-maj=51.2km s-min=20.8km az=162.0

ATH 28 02:29:01.1, 39.97N:24.34E, h18km, 1km, ML3.3/37, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km

AFAD 28 02:29:03.1, 40.05N:24.57E, h36km, ML3.3

ISC 28 02:29:00.4-1.1, 39.97N:0.02:24.36E:0.01, h4km, 9km, n16, o19:11/205, 29C-2D, Aegean Sea

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like OUR, Paliouri, MIRINA, Agios Efstrati, Thassos island, Thassos, Polygyros, Alonnissos-2, Samothraki Isl, Kavala, Xorichti, Neokhori, Sokhos, HORT, GADA, GOAD, THESSALONIKI, SRS, BOZC, KYMI, MRKA, ECEA, NVR, KOCA, ENZZ, EZN, EZNE, CAVK.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CAVK, LKR, BAYC, RZN, AXAR, GRG, WLG, ERIK, ERK, KDZ, KDZ, AGG, THL, GOKT, LPK, LBP, STFN, DION, YAV, KYVA, LAPS, LAPS, KARY, KARY, VILZ, PTL, KESN, ATHU, ATHU, CHOS, CHOS, KARB, CANM, CANM, UKOP, KKB, KKB, PHECO, PHECO, YAYO, YAYO, YAYO, BUHA, BUHA, VLY, VLY, BIGA, BIGA, DKL, DKL, DKL, DKL, PLD, PLD, YENI, YENI, EVR, EVR, EVR, EVR, KRBG, KRBG, KPRO, KPRO, ZEDA, ZEDA, ANX, ANX, ANX, ANX, SERG, SERG, ACOR, ACOR, PYRG, PYRG, GAZK, GAZK, EFP, EFP, MET4, MET4, AGEO, AGEO, ATIT, ATIT, MET2, MET2, MET2, MET2, VVK, VVK, VVK, VVK, BALLY, BALLY, MADA, MADA, MADA, MADA, LAKA, LAKA, PRMD, PRMD, PRMD, PRMD, EDRE, EDRE, EDRE, EDRE, STEP, STEP, MURA, MURA, MURA, MURA, MURA, MURA, BKES, BKES, CMHT, CMHT, BANI, BANI, GCAM, GCAM, GCAM, GCAM, MPEP, MPEP, PLVB, PLVB, BDRM, BDRM, GULP, GULP, TAVA, TAVA, SAHE, SAHE, ISR, ISR, ARR, ARR, VOIR, VOIR, GZR, GZR, NEHR, NEHR, MLR, MLR, BISRR, BISRR, CARC, CARC, BZS, BZS, SAHR, SAHR, SURR, SURR, COVR, COVR.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PLOK, VRI, MDB, TURU, ZURR, etc.

HEL 28 02:40:52.1±0.2, 67.80N:20.22E, h0km, MLI.4, Suspected explosion
IDC 28 02:40:54.0±1.9, 67.82N:20.47E, h0km, mbmp2.6/3, ML.1.9/3, Error ellipse: s-maj=26.6km s-min=14.2km az=105.0

ISC 28 02:40:51.5±0.9, 67.82N:0.04:20.13E:0.04, h0km, n21, r136/33, Sweden

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes LANU, PAJU, HEF, etc.

MOS 28 02:44:17.8±0.9, 52.01N:169.71W, h10km, mb5.6/84, MS4.7/20, Error ellipse: s-maj=8.0km s-min=4.4km az=103.4

BUI 28 02:44:18.9±0.5, 52.25N:170.19W, h10km, mb5.4/41, mb5.3/80, Ms5.1/77, Ms7.5/075

NEIC 28 02:44:19.5±0.5, 51.95N:169.60W, h10km
NEIC 28 02:44:19.8±0.5, 51.55N:169.60W, h26km, Moment Tensor Solution...

GFZ 28 02:44:20.3±0.2, 52.07N:169.77W, h17km, Mw5.1/21, Moment Tensor Solution...

GFZ 28 02:44:20.7±0.3, 52.12N:171.07W, h10km, M5.1/25, mb5.2/25

NEIC 28 02:44:20.3±0.2, 51.95N:0.05:169.61W:0.08, h15km, 3km, mb5.2/630, ML4.9/18, Mw5.2/29, Error ellipse: s-maj=7.9km s-min=6.6km az=148.0

IDC 28 02:44:21.5±3.0, 52.03N:169.70W, h23km, 18km, mb4.9/37, mbmp5.0/40, ML4.6/3, MS4.6/58, Error ellipse: s-maj=14.0km s-min=8.9km az=163.0

GCMT 28 02:44:22.3±0.1, 51.83N:0.01:169.65W:0.01, h14km, Mw5.2/146, Moment Tensor Solution...

AEIC 28 02:44:22.9±0.1, 51.97N:0.05:169.64W:0.08, h20km, 3km, Error ellipse: s-maj=8.0km s-min=6.5km az=149.0

ISC 28 02:44:20.7±0.5, 51.99N:0.04:169.67W:0.03, h20km, 2km, h20km: P, n112, s148/913, mb5.3/483, MS4.7/104, 101C-25D, Fox Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes CLCO, CLES, OKSP, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes OKNC, OKFG, OKKF, etc.

GSIG Igitkin Island 3.87 272
GSIG Great Sitkin I 3.95 273
GSTR Great Sitkin T 3.95 274

GSTD Great Sitkin T 4.00 273
GSSA Great Sitkin S 4.02 274
ADAG Adak Island 4.33 48

ADK Adak 4.34 271
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Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes GRNC, M26K, TABL, etc.

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Table with columns for location, time, status, and change. Includes entries like Talaya, Kansas State U, BJT Baijiatou, etc.

2020 SEP

Table with columns for location, time, status, and change. Includes entries like Love County, Palmito, Baotou, etc.

28d 2h

Table with columns for location, time, status, and change. Includes entries like IVI, ERPA, TRQ, etc.

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, and other parameters. Includes stations like BKSJ Bulukumba, ARR Arges, TPGR Topolog, etc.

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, and other parameters. Includes stations like MASF Masafi, UOSS Minazif, UOSS Minazif, etc.

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, and other parameters. Includes stations like ARG Arkhangelos, ARG Arkhangelos, ARG Arkhangelos, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BASI Baing, Sumba, WSI Waingapu, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SUJI Sorong, KSI Kapahiang, MORW Morawa, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like USRK Ussuriysk Ar., USRK ULN Ulanbaatar, HLR Hailar Array B, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution. Includes stations like SKR Severo-Kuril's, PAU Pauzhetka, etc.

Geographic coordinates and location information: JMA 28 04:02:55.4... 0.33°N 1°13'7"E... SE OFF KII PENINSULA... NEIC 28 04:02:57.0... 1.53°24'N 0°19'13"E...

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like TONANKAI O.B.S., MIKIHOKU, HACHICHO JIMA 2, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like AB31, ABKAR, M29M, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res. Includes stations like OUR Uranopolis, PALLIURI, LIMNOS ISLAND, etc.

IDD 28 06:32:10.1±1.0, 55°51'N-158°69'W, h0km, mb3.8/8, mbtmp3.8/10, ML3.6/2, MS3.6/1, Error ellipse: s-maj=24.5km s-min=16.8km az=3.0
 AEIC 28 06:32:14.9±2.0, 55°48'N-0°04:158°28'W, 0.06, h11km, 4km, Error ellipse: s-maj=5.6km s-min=4.4km az=143.0
 NEIC 28 06:32:15.6±1.4, 55°51'N-0°05:158°28'W, 0.07, h37km, 8km, mb4.3/7, ML3.8/4, ML3.7(AEIC), Error ellipse: s-maj=7.8km s-min=5.0km az=145.0

ISC 28 06:32:15.9±1.0, 55°54'N-0°05:158°24'W, 0.03, h4km, 10km, n151, r1931/155, mb4.0/14, Alaska

Peninsula

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
YNSG	Veniaminof 6	0.76	321	P	Pn	06 32 29.4	-0.8
CHGN	Chignik	0.77	353	P	Pn	06 32 29.3	-1.1
CHGN	Chignik				Sn	06 32 40.0	-0.8
WVNR	Veniaminof 5	0.81	308	P	Pn	06 32 29.9	-0.9
VNSW	Veniaminof 7	0.92	306	P	Pn	06 32 31.7	-0.7
VNSW	Veniaminof 7				Sn	06 32 44.4	0.0
VNSS	Veniaminof 8	0.97	316	P	Pn	06 32 32.9	-0.4
CHNA	Chernabura Isl	1.05	228	P	Pn	06 32 31.8	-2.3
S14K	Fog Glacier	1.05	316	P	Pn	06 32 34.4	+0.2
S14K	Fog Glacier				Sn	06 32 38.8	-0.5
VNFG	Fog Glacier, M	1.05	316	P	Pn	06 32 34.4	+0.1
VNFG	Fog Glacier, M				Sn	06 32 48.6	+0.8
VNFG	Fog Glacier, M	1.05	316	P	Pn	06 32 34.5	+0.3
CNBA	Chernabura Isl	1.06	228	P	Pn	06 32 32.0	-2.2
BPCA	Veniaminof	1.06	354	P	Pn	06 32 33.8	-0.5
BPCA	Veniaminof				Sn	06 32 48.1	+0.2
ANPB	Aniakchak Plen	1.27	359	P	Pn	06 32 37.1	-0.1
SDPT	Sand Point	1.29	262	P	Pn	06 32 35.9	-1.5
SDPT	Sand Point	1.29	262	P	Pn	06 32 35.9	-1.5
SDPT	Sand Point				Sn	06 32 51.9	-1.5
SDPT	comp=E, 2um, 0.7s			IAML		06 32 57.5	
SDPT	comp=N, 1um, 1.0s			IAML		06 32 59.5	
CHIR	Chirikof Islan	1.51	78	P	Pn	06 32 40.6	+0.2
CHIR	Chirikof Islan	1.51	78	S	Sn	06 33 00.3	+1.4
CHIR	Chirikof Islan	1.51	78	P	Pn	06 32 40.8	+0.4
CHIR	Chirikof Islan	1.51	78	P	Pn	06 32 59.7	+0.8
CHIR	Chirikof Islan	1.51	78	IAML		06 33 12.5	
CHIR	comp=N, 1um, 0.6s			IAML		06 33 12.8	
PS1A	Pavlof South-1	2.00	268	P	Pn	06 32 46.4	-0.7
PS1A	Pavlof South-1				Sn	06 33 14.1	+1.2
R16K	Pilot Point	2.07	10	P	Pn	06 32 49.2	+1.2
R16K	Pilot Point	2.07	10	IAML		06 33 26.0	
R16K	comp=N, 718m, 1.3s			IAML		06 33 44.0	
PSA4	Pavlof South-4	2.07	266	P	Pn	06 32 47.0	-1.1
PSA4	Pavlof South-4				Sn	06 33 13.7	+1.1
DOL	Dolgoi Island	2.10	261	P	Pn	06 33 14.4	+0.8
PN7A	Pavlof North-7	2.14	269	P	Pn	06 32 48.8	-0.3
PN7A	Pavlof North-7				Sn	06 33 16.8	+2.3
S12K	Black Hills	2.17	276	Pn	Pn	06 32 49.4	-0.2
S12K	Black Hills	2.17	276	IAML		06 33 15.6	+0.4
S12K	Black Hills	2.17	276	IAML		06 33 21.2	
S12K	comp=N, 1um, 0.8s			IAML		06 33 27.2	
S12K	comp=E, 1um, 0.6s			IAML		06 33 27.2	
PLBL	Peulik Blue Cr	2.31	19	Pn	Pn	06 32 53.5	+2.2
DTNA	Dutton South F	2.32	262	Pn	Pn	06 32 50.8	-0.8
R17L	Mt. Peulik Vol	2.34	26	Pn	Pn	06 32 53.6	+1.7
R17L	Mt. Peulik Vol				Sn	06 33 23.5	+4.1
DT1	Dutton Round H	2.35	261	Pn	Pn	06 32 50.9	-1.0
DT1	Dutton Round H				Sn	06 32 50.6	+1.7
PLK1	Peulik 1	2.44	21	Pn	Pn	06 32 54.6	+0.6
SII	Sitkinak Islan	2.50	64	P	Pn	06 32 54.3	+0.3
SII	Sitkinak Islan	2.50	64	IAML		06 33 47.6	
SII	comp=N, 652nm, 0.7s			IAML		06 33 55.3	
KJL	Kejulik	2.92	29	Pn	Pn	06 33 01.1	+1.3
Q17K	Contact Creek	3.02	24	Pn	Pn	06 33 01.9	+0.6
ANCK	Angie Creek	3.06	28	Pn	Pn	06 33 03.1	+1.3
MGLS	Mageik Sandli	3.10	32	Pn	Pn	06 33 03.2	+1.0
KABU	Katmai Buttes	3.18	29	Pn	Pn	06 33 05.1	+1.6
OHAH	Old Harbor	3.23	56	P	Pn	06 33 03.4	-0.6
OHAH	Old Harbor	3.23	56	Pn	Pn	06 33 04.2	+0.2
OHAH	Old Harbor			IAML		06 34 07.7	
OHAH	comp=N, 149nm, 0.7s			IAML		06 34 09.3	
ISNN	Isanotski Nort	3.25	260	Pn	Pn	06 33 04.4	0.0
KAKN	Katmai Knfie C	3.27	31	Pn	Pn	06 33 06.0	+1.3
SSLS	Shishinoin Sou	3.41	258	Pn	Pn	06 33 07.0	+0.1
KAWH	Katmai	3.42	32	Pn	Pn	06 33 07.3	+0.6
P16K	Nushagak River	3.50	2	Pn	Pn	06 33 08.5	+0.7
P16K	Nushagak River	3.50	2	Pn	Pn	06 33 50.1	+2.1
P16K	Nushagak River	3.50	2	IAML		06 34 08.5	
KARR	Katmai Rainbow	3.54	32	Pn	Pn	06 33 09.3	+0.9
Q18K	Katmai Hardscr	3.58	28	Pn	Pn	06 33 10.2	+1.2
KAHG	Katmai Hoop G	3.59	33	Pn	Pn	06 33 09.8	+0.8
O15K	Ungalikthiur R	3.75	37	Pn	Pn	06 33 11.5	+0.3
O15K	Ungalikthiur R			IAML		06 33 56.6	
O15K	comp=N, 113nm, 0.3s			IAML		06 33 56.7	
O15K	comp=E, 110nm, 0.5s			IAML		06 33 56.7	
O15K	Ungalikthiur R	3.75	37	Pn	Pn	06 33 54.2	+0.2
P17K	Kvichak River	3.75	14	Pn	Pn	06 33 12.7	+1.0
KDAK	Kodiak Island	3.85	52	Pn	Pn	06 33 12.4	0.0
KDAK	Kodiak Island				Sn	06 33 55.1	-1.3
KDAK	comp=E, 8.0nm, 0.3s, baz=34, slow=18, SNR=10				Sn	06 33 55.1	-1.3
KDAK	comp=E, 20nm, 0.3s				Sn	06 33 55.1	-1.3
KDAK	Kodiak Island	3.85	52	Pn	Pn	06 33 12.5	0.0
KDAK	Kodiak Island				Sn	06 34 24.5	
KDAK	comp=E, 112nm, 0.6s			IAML		06 34 25.1	
KDAK	Kodiak Island	3.85	52	Pn	Pn	06 33 25.6	-0.8
O14K	Tiguykaiuiv M	4.07	338	Pn	Pn	06 33 15.8	+0.3
O14K	Tiguykaiuiv M				Sn	06 34 03.3	+1.5
O14K	Kokwok River B	4.07	1	Pn	Pn	06 33 15.9	+0.4
Q19K	Cape Douglas,	4.22	34	Pn	Pn	06 33 18.4	+0.8
AKUT	Akutan	4.58	255	P	Pn	06 33 22.0	-0.5
O18K	Koktuh Hills	4.62	19	Pn	Pn	06 33 25.1	+1.9
O18K	Koktuh Hills	4.62	19	IAML		06 34 49.9	
AKBBA	Akutan Broad B	4.68	255	Pn	Pn	06 33 24.3	+0.4
N15K	Kwethluk River	4.75	349	Pn	Pn	06 33 26.1	+1.2
N14K	Kuskokwak Cree	4.77	339	Pn	Pn	06 33 25.5	+0.4
N14K	Kuskokwak Cree			IAML		06 35 05.2	
N14K	comp=N, 95nm, 1.0s			IAML		06 35 08.2	
N14K	comp=E, 127nm, 1.4s			IAML		06 35 08.2	
N16K	Nishlik Lake	4.96	357	Pn	Pn	06 33 28.4	+0.7
N16K	Nushagak Hills	5.03	6	Pn	Pn	06 33 29.4	+0.6
N17K	Nushagak Hills	5.03	6	IAML		06 35 02.1	
UNV	Unalaska Valle	5.05	254	P	Pn	06 33 28.4	-1.1
UNV	Unalaska Valle	5.05	254	Pn	Pn	06 33 29.2	-0.2
O19K	Port Alsworth	5.12	23	IAML		06 34 30.6	
O19K	comp=N, 81nm, 0.4s			IAML		06 35 04.6	
ILSW	Iliamna Southw	5.22	29	Pn	Pn	06 33 32.8	+1.3
ILSW	Iliamna Southw	5.22	29	IAML		06 34 41.5	
ILSW	comp=E, 75nm, 1.3s			IAML		06 34 41.5	
N18K	Kilae Creek	5.30	13	Pn	Pn	06 33 33.9	+1.3
N15K	Kasigluk River	5.33	347	Pn	Pn	06 33 33.5	+0.7
O20K	Slope Mountain	5.46	31	Pn	Pn	06 33 35.9	+1.2
CNPM	China Pot	5.50	40	Pn	Pn	06 33 35.5	+0.3
M16K	Timber Creek	5.51	356	Pn	Pn	06 33 36.0	+0.7
M13K	Dall Lake	5.59	333	Pn	Pn	06 33 37.5	+1.1
N19K	Bonanza Creek	5.65	19	Pn	Pn	06 33 39.0	+1.6
BRSE	Bradley Lake S	5.83	41	Pn	Pn	06 33 39.4	-0.3
L16K	Owhat River	6.22	355	Pn	Pn	06 33 45.5	+0.4
L14K	Kuka Creek	6.27	340	Pn	Pn	06 33 45.7	0.0
L15K	Ungalak Mounta	6.39	346	Pn	Pn	06 33 47.2	-0.1
SPWE	Spurr West	6.48	25	Pn	Pn	06 33 50.6	+1.9
SPBG	Spurr Blockage	6.51	26	Pn	Pn	06 33 50.6	+1.5
L17K	Donlin	6.62	360	Pn	Pn	06 33 50.7	+0.2
M19K	Big River Lodg	6.69	16	Pn	Pn	06 33 52.8	+1.3

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
L18K	Granite Mounta	6.75	6	Pn	Pn	06 33 53.1	+0.8
L19K	White Mountain	6.89	13	Pn	Pn	06 33 55.8	+1.5
M20K	Styx River	6.89	21	Pn	Pn	06 33 56.3	+2.0
K15K	Wolf Creek Mou	6.99	347	Pn	Pn	06 33 56.8	+1.2
SUA	Susitna One	7.12	30	Pn	Pn	06 33 58.4	+0.9
K17K	Katmai	7.20	360	Pn	Pn	06 34 01.7	+0.4
CLCO	Concord Point	7.28	253	Pn	Pn	06 34 00.9	+1.3
L20K	Forewell, AK	7.32	16	Pn	Pn	06 34 01.5	+1.4
PWL	Port Wells	7.47	40	Pn	Pn	06 34 01.3	-0.8
PMR	Palmer	7.71	34	Pn	Pn	06 34 05.3	-0.1
J14K	Nanvaran Lak	7.73	342	Pn	Pn	06 34 05.7	0.0
J19K	Goodman	7.86	352	Pn	Pn	06 34 07.9	+0.5
J17K	VABAN Dome	7.89	357	Pn	Pn	06 34 07.7	-0.3
GHO	Glory Hole Cre	7.91	34	Pn	Pn	06 34 08.1	-0.2
HIN	Hinchinbrook I	7.91	47	Pn	Pn	06 34 07.5	-0.8
PPLA	Porcupine	8.00	20	Pn	Pn	06 34 12.6	+3.0
FID	Fort Fidalgo	8.12	45	Pn	Pn	06 34 09.3	+0.4
K17K	Port Fidalgo	8.12	45	P	Pn	06 34 10.4	+0.4
EYAK	Cordova Ski Ar	8.31	48	Pn	Pn	06 34 12.8	-0.8
I17K	Unalakleet	8.47	353	Pn	Pn	06 34 16.3	+0.6
SCM	Sheep Creek Mo	8.48	38	Pn	Pn	06 34 16.0	-0.2
CAST	Castle Rocks	8.50	19	Pn	Pn	06 34 18.0	+1.7
GRAC	Grapevine Rang	8.59	8	Pn	Pn	06 34 17.9	+0.7
KLU	Klutina	8.78	42	Pn	Pn	06 34 19.9	-0.3
BMRM	Bremner River	9.01	47	Pn	Pn	06 34 23.0	-0.3
DLB	Denali Highway	9.37	32	Pn	Pn	06 34 28.2	-0.1
GHY	Gilahina Butte	9.58	46	Pn	Pn	06 34 30.5	-0.6
HDA	Harding Lake	10.52	28	Pn	Pn	06 34 42.8	-1.2
COL	College	10.83	27	Pn	Pn	06 34 49.0	+3.0
IL31	Ilse Array	10.83	27	Pn	Pn	06 34 46.8	-1.2
ILAR	Eielson Array	10.83	27	Pn	Pn	06 34 46.2	-1.9
ILAR	comp=E, 0.2nm, 0.3s, baz=210, slow=19, SNR=14			Sn	Sn	06 36 40.4	-7.3
ILAR	comp=E, 1.0nm, 0.6s			Sn	Sn	06 36 40.4	-7.3
ILAR	Eielson Array	10.83	27	Pn	Pn	06 34 46.5	-1.7
ILAR	Peninsula	10.91	60	P	Pn	06 34 59.5	+2.2
J25K	Salcha River	11.12	30	Pn	Pn	06 34 51.2	-0.9
O29M	Mount Kennedy	11.47	57	Pn	Pn	06 34 58.4	+1.3
ADK	Adak	11.52	259	Pn	Pn	06 34 57.0	-0.6
INK	Inuvik	17.11	3				

Table with columns: Station Name, Time, Res, ISC, and various codes. Includes stations like KKAR Karatay Array, MANT Manisa, AB31 Akbulak array, etc.

ISC 28 08:12:32.31.4, 3.44N-97.77E, h0km, mb3.6/6, mbtmp3.7/7, ML4.5/1, MS2.7/1, Error ellipse: s-maj=49.5km s-min=20.0km az=62.0

Table with columns: Code, Station Name, Time, Res, ISC, and various codes. Includes stations like KCSI Kotacane, Aceh, TPTI TPTI, etc.

Table with columns: Station Name, Time, Res, ISC, and various codes. Includes stations like WRA Warramunga Arr, KSRS Korea Array, ASAR Alice Springs, etc.

GCG 28 08:15:45.01.5, 13.02N:91.33W, h16km, MD4.1, Presumed earthquake

Table with columns: Code, Station Name, Time, Res, ISC, and various codes. Includes stations like FAME Alcaidia de Sa, STGH El Palmer, etc.

ISC 28 08:15:54.31.2, 9.66N-70.55W, h27km, 15km, mb3.5/5, mbtmp3.8/7, ML3.1/2, MS3.5/1, Error ellipse: s-maj=24.4km s-min=13.8km az=119.0

Table with columns: Code, Station Name, Time, Res, ISC, and various codes. Includes stations like SDV Santo Domingo, SDV Santo Domingo, etc.

Table with columns: Station Name, Time, Res, ISC, and various codes. Includes stations like ROSC El Rosal, ROSC Orizaba, APAC Apartado, etc.

ISC 28 08:16:42.72.2, 22.91N:108.11W, h0km, mb3.7/2, mbtmp3.2/7, ML3.4/4, MS2.6/3, Error ellipse: s-maj=30.7km s-min=19.1km az=160.0

Table with columns: Code, Station Name, Time, Res, ISC, and various codes. Includes stations like LPIG La Paz, LPIG La Paz, etc.

ASRS 28 08:24:30.01.5, 53.48N:87.22E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Time, Res, ISC, and various codes. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like MAW, BO2, MT08, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like ARAG, BOSA, BOA7, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like ROSC, MBAR, RPZ, etc.

SDD 28 08:49:30.2, 3.2, 18.73N, 70.77W, h23km, 15km, MD3.0, ML2.5, MW2.9, Presumed earthquake
OSPL 28 08:49:33.6, 0.7, 18.72N, 70.81W, h8km, 3km, ML2.2, 1.0
ISC 28 08:49:32.1, 1.0, 18.71N, 70.03, 70.90, 0.03, h23km, 10km, n18, c136/33, 15C, Dominican Republic region

28d 10h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like KHLI, LMD1, JHRM, etc.

BER 28 10:02:31.6±2.1, 79.12N±2.51E, h30km±22km, Mw3.3, Confirmed Earthquake

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like BRBB, SPAO, SPITS, etc.

MEX 28 10:06:55.2±0.5, 15.27N±94.19W, h16km±13km, MD4.3, Presumed earthquake

2020 SEP

mb4.3/4, mb4.6/2, MLv4.5/7, Mw(MB)3.8/2, Error ellipse: s-maj=10.7km s-min=5.6km az=64.5, confirmed

SNET 28 10:07:04.0±1.1, 15.19N±93.58W, h35km±99km, ML4.1, Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like TGIG, CMIG, UJUV, etc.

ISC 28 10:07:37.9±2.1, 18.07S±179.47E, h0km, mb3.5/3, mbtmp3.5/3, Error ellipse: s-maj=523.6km s-min=44.3km az=34.0, Fiji Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like WRA, ASAR, VDA, etc.

VIE 28 10:13:14.3±0.1, 47.14N±14.99E, h0km, ml1.4/8, Error ellipse: s-maj=1.2km s-min=1.1km az=160.0 10 km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like SESA, ARSA, SOKA, etc.

ROM 28 10:14:06.4±0.2, 46.15N±0.01±1.18E±0.02, h0km, ML0.8/2C, Error ellipse: s-maj=1.5km s-min=1.1km az=285.0, Northern Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like PANI, GAGG, LUSI, etc.

ISC 28 10:36:37.4±3.8, 3.0165S±166.78E, h0km, mb4.0/4, mbtmp4.2/6, ML4.1/2, MS2.8/1, Error ellipse: s-maj=69.2km s-min=21.2km az=37.0

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ISC 28 10:36:45.7±2.5, 11.10S±0.2±166.5E±0.2, h35km±6, s=177.8, mb3.9/4, Santa Cruz Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like HNR, DZM, DZM, etc.

KRNET 28 10:42:21.4±0.1, 40.52N±72.66E, h13km, mb2.6, ISU 28 10:42:22.40±53N±72.60E, h10km

ISC 28 10:42:20.5±1.0, 40.49N±0.04±72.73E±0.03, h8km±6km, n17, ±0.99/31, 16C-10U, Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like OHH, TSTA, FRG, etc.

ISC 28 10:50:23.2±2.0, 23.36S±179.47E, h585km±47km, mb3.2/8, mbtmp4.2/10, Error ellipse: s-maj=67.2km s-min=20.0km az=26.0

ISC 28 10:50:22.1±1.4, 23.7S±0.2±179.4E±0.2, h548km±10, ±0.90/10, mb3.8/8, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like MSVF, DZM, CTA, etc.

SNET 28 10:54:55.6±1.7, 12.91N±88.99W, h29km, ML3.6, Presumed earthquake

CATAC 28 10:54:55.9±0.4, 13.13N±88.99W±, h28km±2km, M3.6/24, MLv3.6/24, Error ellipse: s-maj=5.7km s-min=2.4km az=27.6, confirmed

GCG 28 10:54:56.7±1.1, 13.03N±88.99W, h47km±30km, MD4.0, Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like ALJI, GAGG, LALI, etc.

Table with columns: PSNO, LCND, UNIC, etc. Station Name, Az, Phase ID, Time, Res. Includes stations like La Caada, Universidad Ca, Conchagua, Las Nubes, etc.

Table with columns: CAST, KANT, KTH, etc. Station Name, Az, Phase ID, Time, Res. Includes stations like Castle Rocks, Kantishna Hill, Thorofare Moun, etc.

Table with columns: IL31, ILAR, K24K, etc. Station Name, Az, Phase ID, Time, Res. Includes stations like Eielson Array, Donnelly Dome, Paxson, etc.

ISK 28 11:05:47.5, 38°01'N, 34°10'E, h7km, ML2.7/18
AFAD 28 11:05:47.7, 38°03'N, 33°99'E, h7km, ML2.5
ISC 28 11:05:47.8-1.2, 38°02'N, 03°34.07'E, 0.04, h9km, 10km,

ISK 28 11:05:47.5, 38°01'N, 34°10'E, h7km, ML2.7/18
AFAD 28 11:05:47.7, 38°03'N, 33°99'E, h7km, ML2.5
ISC 28 11:05:47.8-1.2, 38°02'N, 03°34.07'E, 0.04, h9km, 10km,

ISK 28 11:05:47.5, 38°01'N, 34°10'E, h7km, ML2.7/18
AFAD 28 11:05:47.7, 38°03'N, 33°99'E, h7km, ML2.5
ISC 28 11:05:47.8-1.2, 38°02'N, 03°34.07'E, 0.04, h9km, 10km,

Main table section 1: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BSIR, YESY, GULAG, AKSARAY, etc.

Main table section 2: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like M20K, MCK, WAT1, etc.

Main table section 3: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IMAR, ILSW, ILS, etc.

IDC 28 11:15:48.1, 37.7, 0.6348N, 42.33E, h0km, Error ellipse: s-maj=190.4km s-min=119.1km az=9.0, Baltic States-Belarus-Northwestern Russia

IDC 28 11:15:48.1, 37.7, 0.6348N, 42.33E, h0km, Error ellipse: s-maj=190.4km s-min=119.1km az=9.0, Baltic States-Belarus-Northwestern Russia

IDC 28 11:15:48.1, 37.7, 0.6348N, 42.33E, h0km, Error ellipse: s-maj=190.4km s-min=119.1km az=9.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I43RU, I37NO, I47NO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PS08, RDJ, M18K, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like G18K, N16K, N16K, etc.

AEIC 28 11:36:26.0, 1.5, 63°00'N, 02°15'15.5W, 0.04, h4km, 4km, Error ellipse: s-maj=2.3km s-min=2.1km az=92.0
NEIC 28 11:36:26.5, 0.9, 63°02'N, 02°15'15.5W, 0.04, h13km, 1km, mb3.9/9, ML3.7/18, ML3.5(AEIC), Error ellipse: s-maj=2.7km s-min=2.2km az=62.0
ISC 28 11:36:25.8-1.0, 63°02'N, 02°15'15.7W, 0.02, h10km, 7km, n198, 0128/208, mb4.1/3, Central Alaska

MTE	Manteigas	16.53	87	P		12 34 24.7	-1.2	comp=Z,49nm,1.8s	SACV	Santiago Islan	26.92	168	P	I	12 36 12.5	+0.1
MTE	Manteigas	16.53	87	P		12 34 26.3	+0.4		SACV						12 36 45.9	
EVO	Evora	16.63	93	P	Pn	12 34 24.2	-0.3	comp=Z,24nm,1.1s	GGO	Saint George	27.33	290	P	P	12 36 15.4	-0.8
MESJ	Messejana	16.69	96	eP		12 34 28.4	+0.8	comp=Z,64nm,18.5s,baz=88,slow=34	BFO	Black Forest	27.34	63	P	P	12 36 17.5	+1.1
MESJ	Messejana	16.69	96	eP	I	12 34 35.1			BFO						12 36 39.0	
MESJ	Messejana	16.69	96	P		12 34 27.3	-0.3	comp=Z,12nm,1.1s	ICQ	Pointe Anglais	27.34	63	P	P	12 36 17.5	+1.1
MESJ	Messejana	16.69	96	P		12 34 27.3	-0.3		ICQ						12 36 39.0	
PCBR	Castelo Branco	16.70	89	eP	I	12 34 28.7	+1.0	comp=Z,42nm,1.6s	EMMW	East Machias	27.81	290	P	I	12 36 20.5	0.0
PCBR	Castelo Branco	16.70	89	eP	I	12 34 37.6			EMMW						12 36 29.3	
PESTR	Estremoz	16.85	92	Pn		12 34 27.8	+0.5	comp=Z,23nm,1.1s	SCHO	Schefferville	27.93	311	LR	LR	12 45 45.2	
PMRV	Marv??o	16.86	90	eP		12 34 30.8	+1.4	comp=Z,364nm,18.9s,baz=92,slow=33	SFJD	Kangerlussuaq	28.08	342	P	P	12 36 22.7	+0.1
PMRV	Marv??o	16.86	90	eP	I	12 34 39.7			SFJD							
PCVJ	Castro Verde	16.90	96	eP	P	12 34 35.3	+5.4	comp=Z,68nm,2.0s	SFJD	Kangerlussuaq	28.08	342	P	P	12 36 22.7	+0.1
PCVJ	Castro Verde	16.90	96	eP	I	12 34 40.7			TUE	Stuettia	28.10	67	P	I	12 36 24.6	+1.3
ECAL	Calabor	16.91	81	P		12 34 31.8	+1.7	comp=Z,38nm,1.7s	TUE	Stuettia	28.10	67	P	P	12 36 24.7	+1.3
MACI	Morro de la Ar	16.91	137	LR		12 34 29.2	+1.0	comp=Z,43nm,1.6s	TUE	Stuettia	28.10	67	P	P	12 36 28.4	+5.1
MACI	Morro de la Ar	16.91	137	LR	I	12 34 33.2			TUE	Stuettia	28.10	67	P	P	12 36 28.4	+5.1
PBRG	Braganca	16.92	81	eP	I	12 34 36.2	+6.1	comp=Z,11nm,1.6s	D62A	Allapoint, All	28.70	295	P	I	12 36 28.6	+0.2
PBRG	Braganca	16.92	81	eP	I	12 34 37.8			D62A						12 36 34.0	
PBDV	Barranco-do-Ve	17.11	97	eP	Pn	12 34 30.8	+0.2	comp=Z,14nm,0.9s	CLZ	Clausthal	28.83	55	P	P	12 36 33.9	+4.4
PBDV	Barranco-do-Ve	17.11	97	eP	I	12 34 43.7			FETA	Feta	29.01	65	eP	P	12 36 33.6	+2.2
PBAR	Barrancos	17.47	94	eP	I	12 34 37.3	+1.1	comp=Z,9.0nm,1.0s	MOTA	Moosalm	29.24	65	eP	P	12 36 36.5	+3.1
PBAR	Barrancos	17.47	94	eP	I	12 34 44.8			WIMM	Wirmelburg	29.50	56	P	P	12 36 38.0	+2.5
SFS	San Fernando	18.69	98	P	Pn	12 34 50.2	+0.2	comp=Z,48nm,1.2s	WTTA	Wattenberg	29.61	65	eP	P	12 36 39.4	+2.7
SFS	San Fernando	18.69	98	P	Pn	12 34 54.8	+0.4		ABTA	Abfattersbach	30.25	66	eP	P	12 36 44.9	+2.7
PAB	San Pablo	19.11	88	P		12 34 54.8	+0.4	comp=Z,14nm,1.1s	LESA	Schwarzeotal	30.30	64	eP	P	12 36 42.2	-0.5
PAB	San Pablo	19.11	88	P		12 34 56.9	+1.6		CLL	Colim	30.43	57	eP	P	12 36 44.0	+0.3
ESDC	Sonsecia Array	19.37	87	P		12 34 57.1	-0.1	comp=Z,9.8nm,1.4s	CLL	Colim	30.43	57	eP	P	12 36 44.0	+0.3
ESDC	Sonsecia Array	19.37	87	P		12 40 58.0			CLL	Colim	30.43	57	P	P	12 36 47.9	
ESDC	Sonsecia Array	19.37	87	AML	AML	12 34 57.7	+0.5	comp=Z,7.7nm,1.1s	CLL	Colim	30.43	57	P	P	12 36 45.1	+1.4
ESDC	Sonsecia Array	19.37	87	AML	I	12 35 07.0			CLL	Colim	30.43	57	P	P	12 36 47.9	
ESDC	Sonsecia Array	19.37	87	AML	I	12 35 07.0			CLL	Colim	30.43	57	P	P	12 36 47.9	
ESBB	Sonsecia Array	19.37	87	P	Pn	12 35 05.1	+4.6	comp=Z,4.6nm,0.9s	CLL	Colim	30.43	57	P	P	12 36 47.9	
HTL	Hartland	19.57	53	P		12 35 05.1	+4.6	comp=Z,14nm,1.1s	CLL	Colim	30.43	57	P	P	12 36 47.9	
EMAL	Malaga-Limoner	19.90	96	P		12 35 04.8	+0.2	comp=Z,9.0nm,0.9s	CLL	Colim	30.43	57	P	P	12 36 47.9	
TIO	Tiouine	20.68	114	P		12 35 12.6	+1.0	comp=Z,200nm,23.5s	CLL	Colim	30.43	57	P	P	12 36 47.9	
IFR	Ifrane	20.78	105	P	Pn	12 35 14.5	-0.7	comp=Z,200nm,23.5s	CLL	Colim	30.43	57	P	P	12 36 47.9	
FOEL	Foel Wyifa	20.99	48	P	Pn	12 35 18.2	+1.0	comp=Z,2.0nm,0.3s,baz=298,slow=10,SNR=13	CLL	Colim	30.43	57	P	P	12 36 47.9	
DRLN	Deer Lake	21.12	301	P	I	12 35 15.7	-0.4	comp=Z,554nm,19.7s,baz=282,slow=32	CLL	Colim	30.43	57	P	P	12 36 47.9	
DRLN	Deer Lake	21.12	301	P	I	12 35 22.9			CLL	Colim	30.43	57	P	P	12 36 47.9	
ATE	Arette	21.23	76	P		12 35 23.4	+6.1	comp=Z,117nm,1.5s	CLL	Colim	30.43	57	P	P	12 36 47.9	
MD01	Midelt array s	21.38	106	P		12 35 20.2	+1.1	comp=Z,100nm,21.1s	CLL	Colim	30.43	57	P	P	12 36 47.9	
MD31	MD31	21.38	106	P	I	12 35 20.1	+1.0	comp=E,200nm,23.5s	CLL	Colim	30.43	57	P	P	12 36 47.9	
MD31	MD31	21.38	106	P	I	12 35 27.4			CLL	Colim	30.43	57	P	P	12 36 47.9	
MDT	Midelt	21.51	106	P		12 35 21.3	+0.8	comp=Z,40nm,1.2s	CLL	Colim	30.43	57	P	P	12 36 47.9	
MDT	Midelt	21.51	106	P		12 42 02.2			CLL	Colim	30.43	57	P	P	12 36 47.9	
MFF	Midielt array s	21.55	66	P		12 35 23.5	+2.9	comp=Z,231nm,19.7s,baz=292,slow=32	CLL	Colim	30.43	57	P	P	12 36 47.9	
MFF	Midielt array s	21.55	66	P		12 35 23.5	+2.9		CLL	Colim	30.43	57	P	P	12 36 47.9	
CWF	Charnwood Fore	22.01	50	P		12 35 25.8	+0.3	comp=Z,8.0nm,0.9s	CLL	Colim	30.43	57	P	P	12 36 47.9	
ESK	Esksdalemir	22.02	42	P	P	12 35 26.9	+1.3	comp=Z,8.2nm,1.1s	CLL	Colim	30.43	57	P	P	12 36 47.9	
ESK	Esksdalemir	22.02	42	P	P	12 35 26.9	+1.3	comp=Z,32nm,1.0s	CLL	Colim	30.43	57	P	P	12 36 47.9	
ESK	Esksdalemir	22.02	42	P	I	12 35 28.2			CLL	Colim	30.43	57	P	P	12 36 47.9	
EKA	Esksdalemir Ar	22.05	42	P	P	12 35 23.9	-2.1	comp=Z,8.4nm,1.4s	CLL	Colim	30.43	57	P	P	12 36 47.9	
EKA	Esksdalemir Ar	22.05	42	P	P	12 42 04.5			CLL	Colim	30.43	57	P	P	12 36 47.9	
EKA	Esksdalemir Ar	22.05	42	P	P	12 35 26.4	+0.4	comp=Z,213nm,20.0s,baz=229,slow=32	CLL	Colim	30.43	57	P	P	12 36 47.9	
EKA	Esksdalemir Ar	22.05	42	P	P	12 35 26.4	+0.4		CLL	Colim	30.43	57	P	P	12 36 47.9	
CEST	Cesteri de Car	22.71	77	P		12 35 34.6	+1.3	comp=Z,1.4nm,0.7s	CLL	Colim	30.43	57	P	P	12 36 47.9	
MTFL	Montlejos	23.33	75	P		12 35 40.2	+0.7	comp=Z,29nm,1.5s	CLL	Colim	30.43	57	P	P	12 36 47.9	
SSB	Saint Sauveur	24.82	70	P	P	12 35 53.8	+0.2	comp=Z,34nm,1.9s	CLL	Colim	30.43	57	P	P	12 36 47.9	
SSB	Saint Sauveur	24.82	70	P	P	12 36 00.1	+6.5		CLL	Colim	30.43	57	P	P	12 36 47.9	
SSB	Saint Sauveur	24.82	70	P	I	12 35 53.8	+0.2	comp=Z,28nm,1.4s	CLL	Colim	30.43	57	P	P	12 36 47.9	
SSB	Saint Sauveur	24.82	70	P	I	12 36 00.1	+6.5		CLL	Colim	30.43	57	P	P	12 36 47.9	
UCC	Uccle	24.96	57	P	P	12 35 55.7	+1.0	comp=Z,28nm,1.4s	CLL	Colim	30.43	57	P	P	12 36 47.9	
UCC	Uccle	24.96	57	P	P	12 35 55.7	+1.0		CLL	Colim	30.43	57	P	P	12 36 47.9	
UCC	Uccle	24.96	57	P	I	12 35 55.7	+1.0	comp=Z,47nm,1.2s	CLL	Colim	30.43	57	P	P	12 35 57.1	+1.0
UCC	Uccle	24.96	57	P	I	12 36 00.7			CLL	Colim	30.43	57	P	P	12 36 00.7	
DOU	Dourbes	25.01	58	eP	P	12 35 54.8	-0.3	comp=Z,47nm,1.2s	CLL	Colim	30.43	57	P	P	12 35 58.7	+4.0
HAL	Halifax	25.08	289	P	P	12 35 55.5	-0.3	comp=Z,5.9nm,1.2s	CLL	Colim	30.43	57	P	P	12 35 58.7	+4.0
HAL	Halifax	25.08	289	P	P	12 35 55.5	-0.3		CLL	Colim	30.43	57	P	P	12 35 58.7	+4.0
HAL	Halifax	25.08	289	P	P	12 35 55.5	-0.3	comp=Z,13nm,1.1s	CLL	Colim	30.43	57	P	P	12 35 54.8	-0.3
HAL	Halifax	25.08	289	P	P	12 35 55.5	-0.3		CLL	Colim	30.43	57	P	P	12 35 54.8	-0.3
BMRD	Maredsous	25.14	58	eP	P	12 35 56.0	-0.4	comp=Z,41nm,1.4s	CLL	Colim	30.43	57	P	P	12 35 55.5	-0.3
RCHB	Rochefort	25.42	58	eP	P	12 36 00.2	+1.3		CLL	Colim	30.43	57	P	P	12 35 55.5	-0.3
RCHB	Rochefort	25.42	58	eP	P	12 36 00.2	+1.3	comp=Z,29nm,1.2s	CLL	Colim	30.43	57	P	P	12 35 55.5	-0.3
BCLA	Clavier	25.50	58	eP	P	12 36 00.3	+0.7	comp=Z,15nm,1.4s	CLL	Colim	30.43	57	P	P	12 36 00.3	+0.7
LMN	Caledonia Moun	25.85	292	P	I	12 36 02.8	0.0	comp=Z,41nm,1.4s	CLL	Colim	30.43	57	P	P	12 36 02.8	0.0
LMN	Caledonia Moun	25.85	292	P	I	12 36 09.7			CLL	Colim	30.43	57	P	P	12 36 09.7	
HGN	Heimansgroeve	25.94	57	P		12 36 08.0	+4.4	comp=Z,20nm,1.0s	CLL	Colim	30.43	57	P	P	12 36 08.0	+4.4
WLF	Walferdange	25.97	60	P	P	12 36 05.1	+1.2	comp=Z,20nm,1.0s	CLL	Colim	30.43	57	P	P	12 36 05.1	+1.2
WLF	Walferdange	25.97	60	P	P	12 36 05.1	+1.2		CLL	Colim	30.43	57	P	P	12 36 05.1	+1.2
WLF	Walferdange	25.97	60	P	I	12 36 05.1	+1.2	comp=Z,36nm,1.1s	CLL	Colim	30.43	57	P	P	12 36 05.1	+1.2
WLF	Walferdange	25.97	60	P	I	12 36 11.1			CLL	Colim	30.43	57	P	P	12 36 11.1	
WLF	Walferdange	25.97	60	P	P	12 36 05.0	+1.2	comp=Z,36nm,1.1s	CLL	Colim	30.43	57	P	P	12 36 05.0	+1.2
WLF	Walferdange	25.97	60	P	P	12 36 05.3	+1.4		CLL	Colim	30.43	57	P	P	12 36 05.3	+1.4
GIMEL	St. Georges I	25.97	67	P	P	12 36 04.8	+0.7	comp=Z,32nm,1.8s	CLL	Col						

Table with columns: Station, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like R40A Maddies Statio, BOAV Boa Vista, ECSD EROS Data Cent, etc.

Table with columns: PLID, Station, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like Pearl Lake, Van Horn, Noril'sk, etc.

Table with columns: Station, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, NRYN Naryn, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes PRU 28 12:37:11.0, 49:38N, 18:59E, h0km, Mining Induced Event Darkov, E=4.0E+04, Czech and Slovak Republics.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes IDC 28 13:04:03.2, 1.41:39N, 29:41W, h0km, mb3.77, etc.

Table of seismic events with columns for station name, time, magnitude, depth, and location. Includes stations like EAGLETON, CASPER, ASPERMONT, etc.

Table of seismic events with columns for station name, time, magnitude, depth, and location. Includes stations like YREKA BLUE HOR, TIXI, BELCO, etc.

Table of seismic events with columns for station name, time, magnitude, depth, and location. Includes stations like TALAYA, MAGADAN, MATP, etc.

Table with columns: Code, Station Name, Az, El, AzE, ElE, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MSVF, Nonsavu, HNVF, HNR, HNTA, etc.

Table with columns: Code, Station Name, Az, El, AzE, ElE, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SONM, SONGINGO, GAT2, ELIB, etc.

Table with columns: Code, Station Name, Az, El, AzE, ElE, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AC04, CO01, CO01, CO01, etc.

IDC 28 14:15:37.8:1.6, 17:08S:167.66E, h0km, mb3.9/4, mbtmp4.0/5, ML3.7/1, Error ellipse: s-maj=36.4km s-min=23.7km az=87.0

NEIC 28 14:15:38.6:0.9, 17:17S:0:06:167.8E:0:1, h10km, 2km, mb4.1/7, Error ellipse: s-maj=17.8km s-min=9.8km az=73.0

ISC 28 14:15:40.9:1.0, 17:21S:0:06:167.7E:0:1, h25km, n18, r1802/3, mb4.0/13, Fijii Islands region

Table with columns: Code, Station Name, Az, El, AzE, ElE, Phase ID, Time, Res, ISC, h, m, S, ISC. Includes stations like SANVU, MARNC, KOUNC, etc.

IDC 28 14:20:02.3:1.7, 16:15S:176:10W, h345km, 21km, mb3.3/4, mbtmp4.0/5, Error ellipse: s-maj=35.8km s-min=22.1km az=151.0

NEIC 28 14:20:01.7:1.0, 16:15S:0:1:176:04W:0:09, h354km, 9km, mb4.0/20, Error ellipse: s-maj=21.3km s-min=6.8km az=149.0

ISC 28 14:20:01.6:0.6, 16:15S:0:1:176:05W:0:09, h360km, n31, o0568/33, mb4.0/13, Fijii Islands region

Table with columns: Code, Station Name, Az, El, AzE, ElE, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AFI, AFIAMALU, etc.

28d 15h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AF1, NIUE, RAOU, etc.

IDC 28 14:43:49.52, 3.1141S, 178.82W, h0km, mb3.5/3, mbmp3.5/3, Error ellipse: s-maj=64.8km s-min=38.0km az=40.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ASAR, WRA, QSPA, FINES.

NOU 28 14:51:42.1, 17.16S, 167.62E, h10km, ML4.1/17, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RTV, SANVU, MARNC, etc.

IDC 28 15:00:58.3, 1.0, 41.54N, 29.38W, h0km, mb3.8/13, mbmp3.8/14, ML4.0/1, MS3.6/34, Error ellipse: s-maj=28.7km s-min=19.1km az=10.0

NEIC 28 15:00:59.3, 1.8, 41.35N, 0.06, 29.5W, 0.1, h10km, 1km, mb4.4/25, Error ellipse: s-maj=18.5km s-min=4.2km az=124.0

SVSA 28 15:01:01.5, 0.5, 41.29N, 29.79W, h15km, ML3.8(INMG), Error ellipse: s-maj=33.2km s-min=4.3km az=62.0, #DIST_RANGE: REGIONAL #IPMA_REGION: Crista Mdia Atlantico N

ISC 28 15:00:59.2, 0.5, 41.34N, 0.06, 29.38W, 0.05, h12km, n87, s=111/59, mb4.2/22, MS3.6/33, Azores Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H07S1, CALA, PSBA, etc.

MTE Mantegaes 16.54 86 Pn P 15 05 20.0 +1.1
ESDC Sonseca Array 19.38 87 Pn P 15 05 25.8 +1.0

ESDC comp=Z, 1.1nm, 20.4s, baz=294, slow=32
ESDC comp=Z, 0.7nm, 0.7s

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ESKA, MDT, EKA, SCH0.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DAVOX, CLL, KEST, etc.

IDC 28 15:21:12.8, 12.0, 0.224N, 99.80E, h0km, mb3.6/3, mbmp3.6/3, MS3.0/1, Error ellipse: s-maj=719.7km s-min=31.5km az=56.0

DJA 28 15:21:30.3, 0.3, 0.1N, 3.3E, h128km, 4km, M4.0/30, mb5.2/2, mb4.5/3, MLV3.7/30, Mw(mb)4.6/2

ISC 28 15:21:29.6, 3.1, 0.36N, 0.07, 99.71E, 0.07, h100km, n22, s=111/59, mb3.6/3, Northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BURAR, POIN, TORO, etc.

1504

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SDSI, GSI, GSI, etc.

TEH 28 15:22:37.8, 34.55N, 45.51E, h8km, 46km, ML3.3, Presumed earthquake
ISC 28 15:22:40.5, 1.9, 34.55N, 45.51E, h8km, ML2.7, Presumed earthquake

ISC 28 15:22:40.0, 1.2, 34.56N, 0.05, 45.55E, 0.05, h18km, n10, s=126/13, Intra-tranq border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IDHR, IGHG, IGHG, etc.

SJA 28 15:41:57.1, 6.2, 29.29S, 71.34W, h30km, ML3.7, MW3.8
GUC 28 15:41:59.3, 0.8, 29.27S, 71.25W, h51km, 3km, ML3.8

ISC 28 15:41:56.9, 2.5, 29.28S, 0.02, 71.35W, 0.06, h7km, 18km, n37, s=131/43, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LCO, LCO, LCO, etc.

28d 17h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like MKAR Makanchi Array, DZA Taraz, IUG luzhny, CHM Chimkent, etc.

IDC 28 16:49:13.9, 0.8, 32.97S; 72.06W, h0km, mb3.5/4, mbmp3.5/4, Error ellipse: s-maj=206.9km s-min=26.4km az=66.0, Talaud Islands

IDC 28 16:49:16.8, 1.2, 33.00S; 0.04, 72.06W, 0.04, h18km, 3km, mb4.8/20, ML4.6(GUC), Error ellipse: s-maj=5.9km s-min=4.3km az=131.0

IDC 28 16:49:18.2, 0.8, 33.01S; 71.99W, h25km, 10km, ML4.6 GUC 28 16:49:14.9, 1.3, 32.97S; 0.02, 72.09W, 0.04, h10km, 7km, n132, c19, 92/157, mb4.4/10, MS3.6/15, 4C-18D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like VA01 Torpederas, VA05 Santo Domingo, MT02 Curacav, etc.

2020 SEP

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like MT05 Renca, MT05 Talagante, MT05 Talagante, etc.

1506

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like AC05 El Transito, AC05 Los Flores de Chal, H03S1 Juan Fernandez, etc.

KRNET 28 17:02:44.7, 0.1, 42.15N; 73.32E, h26km, mb2.8 NNC 28 17:02:45.3, 0.8, 42.14N; 73.37E, h0km, mb3.7, mpv3.3, Error ellipse: s-maj=10.4km s-min=3.2km az=166.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like EKS2 Erkin-Say, EKS2 Erkin-Say, MNAS Manas, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MNAS Arslanbob, UCHT Uchtor, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes stations like UZB Uzynbulak, SHLS Shalkode, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes stations like H04N2 CROZET ISLANDS, H04N1 CROZET ISLANDS, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like PNG Penghu, TDCB Tech, TWT Tachien, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like SJJI Sorong, KAPI Kappang, ASAJ Asajawa, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like MMSI Mamuju, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

28d 20h

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h m s, ISC. Includes stations like BORK Borovoye, AB31 Akbulak array, ABKAR Akbulak array, GSPA South Pole Qui, etc.

AFAD 28 19:36:19.6, 38:70N:38.11E, h10km, 3km, MW3.6
ISK 28 19:36:19.4, 38:69N:38.14E, h5km, ML3.4/28
ISC 28 19:36:19.4, 38:69N:38.14E, h5km, ML3.4/28

Main station list table for 28d 20h, listing codes, station names, coordinates, and operational status. Includes stations like HEKM Malatya_Hekimh, ARPR Arapgir-MALATY, AKCD Akcadag, etc.

IDC 28 19:41:23.2, 0.6, 17.03S:167.48E, h0km, mb4.2/17,
mbmp4.2/20, ML4.72, MS3.6/16, Error ellipse:
s-maj=17.9km s-min=12.8km az=95.0

2020 SEP

NOU 28 19:41:24.7, 17:16S:167.63E, h9km, MLV4.9/31, Vanuatu Islands
NEIC 28 19:41:24.4, 2.3, 17:09S:0.06:167.7E:0.1, h10km, 1km,
mb4.3/10, Error ellipse: s-maj=20.4km s-min=9.6km
az=86.0

Main station list table for 2020 SEP, listing codes, station names, coordinates, and operational status. Includes stations like DVP Devils Point, RTV Rentapao, SANVU Saraoutou, etc.

1512

comp=2.0, 4nm, 0.6s, baz=252, slow=5.5, SNR=3.5
NVAR Mina Array Bea 88.58 49 P P 19 54 16.9 -1.1
ILAR Eielson Array 88.69 18 P P 19 54 17.3 -0.3

Main station list table for 1512, listing codes, station names, coordinates, and operational status. Includes stations like ZALV Zalesovo Beam, ARCES ARCES Array B, FINES FINES Array B, etc.

IDC 28 20:01:53.3, 3.2, 5.86S:146.27E, h73km, 31km, mb3.2/2,
mbmp3.6/5, Error ellipse: s-maj=48.5km s-min=20.3km

Table with columns for station code, name, frequency, and other technical details. Includes stations like WSF Szhu, SMLT Sun Moon Lake, TYC Yuchr, etc.

Table with columns for station code, name, frequency, and other technical details. Includes stations like SIPP Irabujima, JIRJ Miyako jima3, JMJ2 Miyako jima 2, etc.

Table with columns for station code, name, frequency, and other technical details. Includes stations like KS19 Wonju Array Si Dalian, DL2 Dalian, DL2 Dalian, etc.

1515

Table with columns for station name, frequency, power, and signal quality. Includes stations like CHIANG MAI, CHIANG MAI ARR, CHIANG MAI ARR, etc.

2020 SEP

Table with columns for station name, frequency, power, and signal quality. Includes stations like SHILONG, SHILONG, SHILONG, etc.

28d 20h

Table with columns for station name, frequency, power, and signal quality. Includes stations like MAKANCHI ARRAY, MAKANCHI ARRAY, MAKANCHI, etc.

28d 20h

Table with columns for station ID, name, coordinates, and status. Includes stations like WB9 Warramunga Arr, WRB Warramunga Arr, WRAB Tennant Creek, etc.

2020 SEP

Table with columns for station ID, name, coordinates, and status. Includes stations like MAK comp=Z,220nm,1.1s, MAK comp=Z,659nm,16.0s, AKT AKT, etc.

1516

Table with columns for station ID, name, coordinates, and status. Includes stations like E28M Babbage River, BNN Bunyan, F28M Old Crow, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, Date, Time, and other parameters. Includes stations like ELL, DAG, ARCR, KWP, BMR, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, Date, Time, and other parameters. Includes stations like CKRC, CKRC, CKRC, KHC, KHC, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, Date, Time, and other parameters. Includes stations like NSK, TIBP, TIBP, GII, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BHL Bhannes, HWQ Hawqa, BEIL Beino, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TAW Tawu, TAWH Dawu Township, EAST Anshuo, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like YHNB Yeheng, NKS Sanguang, NSD Dongshang, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KCSI Kotacane, TPTI Tuntungan, MSLI Meulaboh, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TAW Tawu, TAWH Dawu Township, EAST Anshuo, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RTV Rentapao, MARC Mare, LOYALTY Loyalty, etc.

NIED 28 22:17:30.6, 22:36N:121.40E, h0km, MW3.7, Moment Tensor Solution. s2 Moment tensor: Scale 10^14 Nm; Mn=0.80; Mw=1.03; Mw2=2.84; Mw3=2.15; Mw2.12; Fault plane solution: M3.43000x10^14 NP1:

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC, h, m, s, ISC. Rows include stations like MASBT, TWKBT, Hengchun, etc.

TIR 28 22:50:48.0, 41.03N; 19.91E, h28km, 1km, M2, 4/4
PDG 28 22:50:48.3, 0.5, 41.01N; 19.88E, h18km, 1km, ML2, 7/12,
Error ellipse: s-maj=1.0km s-min=2.6km az=0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC, h, m, s, ISC. Rows include stations like TIR, VLO, KBN, PPH, LSK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC, h, m, s, ISC. Rows include stations like PLYV, CEVE, CEVE, etc.

RSNC 28 22:59:43.5, 0.0, 5°N, 2°7'7W, h74km, 7km, M4, 0, mB5, 1,
mb4.6, ML3.5, Mw(mB)4.4
IDC 28 22:59:45.7, 3.1, 4.99N, 76.66W, h96km, 27km, mb3.6/8,
mbmp4.0/10, MS3.4/1, Error ellipse: s-maj=31.4km

CATAC 28 22:59:45.3, 0.3, 5°N, 2°7'7W, h45km, 70km, M4.5/10,
mb4.5/1, mb4.9/1, ML4.4/10, Mw(mB)4.2/1, Error ellipse:
s-maj=7.5km s-min=5.0km az=88.2, confirmed

NEIC 28 22:59:45.6, 2.4, 5.11N, 0.07°W, 76.71W, 0.07, h78km, 8km,
mb4.6/23, Error ellipse: s-maj=10.4km s-min=10.1km
az=211.0

ISC 28 22:59:44.9, 0.6, 5.09N, 0.03°W, 76.70W, 0.03, h83km, 6km,
n98, r132/126, mb4.4/13, Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC, h, m, s, ISC. Rows include stations like PIZC, CBOC, ARMEC, etc.

ROSC 112nm, 0.4s, baz=120, slow=22, SNR=14
ROSC El Rosal 2.39 96 P
ROSC El Rosal 2.39 96 P

ROSC 112nm, 0.4s, baz=120, slow=115, SNR=22
ROSC El Rosal 2.39 96 P
ROSC El Rosal 2.39 96 P

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC, h, m, s, ISC. Rows include stations like ROSC, POPC, PTPB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC, h, m, s, ISC. Rows include stations like GMAL, SLOR, BRUZ, etc.

comp=Z, 50nm, 1.0s
CELPE Cerrillos 16.26 37 P
BOAV Boa Vista 16.36 99 P

comp=Z, 33nm, 1.2s
GRGR Grenville 16.43 64 Pn
GRGR Grenville 16.43 64 Pn

comp=Z, 1.9nm, 0.4s
VILB Vilhena 24.29 138 P
PB16 IPOC Station P 24.33 163 P

comp=Z, 2.2nm, 1.2s
PB05 IPOC Station P 28.49 167 P
AC01 Pan de Azucar 31.61 169 P

comp=Z, 2.4nm, 1.1s
CO03 El Pedregal 36.19 171 P
CO03 El Pedregal 36.19 171 P

comp=Z, 1.4nm, 1.3s
CPUP Villa Florida 36.44 150 P
CPUP Villa Florida 36.44 150 P

comp=Z, 2.1nm, 0.8s, baz=346, slow=11, SNR=5.3
CPUP Villa Florida 36.44 150 P
CPUP Villa Florida 36.44 150 P

comp=Z, 5.9nm, 1.2s
CO04 Los Peladeros 37.33 172 P
MT02 Curacav 38.50 172 P

comp=Z, 5.5nm, 0.8s
PLCA Paso Flores 45.95 173 P
PLCA Paso Flores 45.95 173 P

comp=Z, 3.8nm, 0.6s
PLCA Paso Flores 45.95 173 P
PLCA Paso Flores 45.95 173 P

comp=Z, 0.1nm, 0.5s, baz=141, slow=6.8, SNR=1.6
PDAR Pineda Arra 47.48 327 P
PDAR Pineda Arra 47.48 327 P

comp=Z, 0.4nm, 0.7s, baz=127, slow=11, SNR=3.8
SCHO Schefferville 50.23 7 P
SCHO Schefferville 50.23 7 P

comp=Z, 2.0nm, 0.6s, baz=186, slow=7.8, SNR=3.8
SCHO Schefferville 50.23 7 P
SCHO Schefferville 50.23 7 P

comp=Z, 9.1nm, 1.4s
NVAR Mina Arra Bay 50.24 317 pP
NVAR Mina Arra Bay 50.24 317 pP

comp=Z, 0.9nm, 0.8s, baz=100, slow=6.4, SNR=6.2
YKA Yellowknife Arr 63.71 341 P
YKA Yellowknife Arr 63.71 341 P

comp=Z, 1.0nm, 0.5s, baz=132, slow=6.3, SNR=5.4
SUMG Summit 71.36 11 P
SUMG Summit 71.36 11 P

comp=Z, 3.5nm, 0.7s
ESDC Sonseca Arra 73.49 50 P
ESDC Sonseca Arra 73.49 50 P

comp=Z, 0.7nm, 1.0s, baz=257, slow=5.7, SNR=3.4
TORD Torodi Arr 77.58 78 P
TORD Torodi Arr 77.58 78 P

comp=Z, 0.4nm, 0.5s, baz=283, slow=6.2, SNR=8.0
AS31 Alice Springs 145.21 235 PKPbc
ASAR Alice Springs 145.21 235 PKPbc

comp=Z, 7.7nm, 0.4s, baz=115, slow=3.6, SNR=22
ASAR Alice Springs 145.21 235 PKPbc
WRA Warramunga Arr 146.39 241 PKPbc

comp=Z, 0.6nm, 0.5s, baz=109, slow=3.3, SNR=11
WRO Warramunga Arr 146.39 241 PKPbc
WRO Warramunga Arr 146.40 242 PKPbc

IDC 28 23:27:17.2, 0.8, 15.84N, 97.91W, h0km, mb4.1/11,
mbmp4.1/14, ML3.6/4, MS3.6/27, Error ellipse:
s-maj=16.0km s-min=10.2km az=22.0

MEX 28 23:27:19.5, 0.8, 15.89N, 98.03W, h12km, 8km, MD4.9,
Presumed earthquake
NEIC 28 23:27:20.9, 2.7, 16.00N, 0.05°E, 97.93W, 0.04, h20km, 5km,
mb4.4/337, Mcl4.9/149(MEX), Error ellipse: s-maj=8.0km
s-min=4.9km az=188.0

GFZ 28 23:27:23.0, 0.6, 16°N, 9°37'W, h14km, M4.5/16,
mb4.5/16, confirmed
ISC 28 23:27:19.2, 0.6, 15.96N, 0.03°E, 97.94W, 0.03, h15km, 3km,
n502, r171/175, mb4.6/110, MS3.6/25, Near coast of
Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC, h, m, s, ISC. Rows include stations like PEIG, PEIG, PEIG, etc.

TOIG	Toxpalan	2.28	21	eP	Pn	23 27 55.8	-0.6	IGIG	Irapuato, Guan	5.75	326	Pn	23 28 42.4	-1.9	comp=Z,26nm,1.0s	AMTX	Amarillo	19.14	351	Iamb	Pn	23 31 43.2	+0.3
TOIG	Toxpalan	2.28	21	eS	Sb	23 27 55.8	-0.6	IGIG	Rio Verde	6.20	342	eP	23 28 52.5	+2.1	AMTX	Samnorwood	19.18	354	P	Iamb	Pn	23 31 51.8	
TOIG	El Cayaco	2.48	296	eP	Sb	23 27 57.0	-2.1	RPIG	Rio Verde	6.20	342	eS	23 28 03.1	+2.1	SMWD	comp=Z,23nm,0.9s					Pn	23 31 43.8	+0.6
CAIG	El Cayaco	2.48	296	eS	Sb	23 27 57.0	-1.5	RPIG	Volcan de Coli	6.46	304	eP	23 28 52.5	+2.1	SMWD	comp=Z,22nm,1.0s					Pn	23 31 52.0	
CAIG	Tehuacan	2.50	13	eP	Sb	23 27 59.2	-0.3	INCO	Volcan de Coli	6.46	304	eS	23 28 56.7	+2.6	FNO	Franklin	19.22	1	P	Pn	23 31 44.0	+0.3	
TPIG	Tehuacan	2.50	13	eS	Sb	23 28 31.0	+1.1	INCO	Ciudad de Armas	6.51	298	eP	23 28 56.7	+2.6	Z47A	Yeager Farm, C	19.34	26	P	Pn	23 31 44.8	-0.4	
TPIG	Tehuacan	2.50	13	eS	Sb	23 27 59.2	-0.3	CDAR	Ciudad de Armas	6.51	298	eS	23 28 01.2	-7.3	Y45A		19.37	21	P	Iamb	Pn	23 31 44.9	+0.6
MEIG	Mezcala	2.53	321	eP	Sb	23 28 00.3	+0.4	CEGR	Campo Tres	6.59	302	eP	23 28 01.2	-7.3	Y45A		19.37	21	P	Iamb	Pn	23 31 45.0	
MEIG	Mezcala	2.53	321	eS	Sb	23 28 28.6	-1.9	CEGR	Campo Tres	6.59	302	eS	23 28 57.5	+1.7	okcsw	OKLAHOMA CITY	19.37	1	P	Pn	23 31 45.4	+0.1	
MEIG	Arroyo Zacate	2.68	49	eP	Sb	23 28 28.6	-1.9	SCIG	Sabancuy	7.10	64	eP	23 30 10.3	-0.5	DUN6	Lazy B Ranch	19.37	330	P	Pn	23 31 45.5	+0.8	
NEUV	Arroyo Zacate	2.68	49	eS	Sb	23 28 01.1	-0.8	SCIG	Sabancuy	7.10	64	eS	23 30 02.0	-0.5	UALR	University of	19.40	14	P	Pn	23 31 44.5	+0.2	
NEUV	Arroyo Zacate	2.68	49	eS	Sb	23 28 01.1	-0.8	SCIG	Sabancuy	7.10	64	eS	23 30 16.5	-6.5	CRNM	Carthage	19.59	338	P	Pn	23 31 50.3	+1.9	
PLIG	Platanillo	2.84	328	eP	Sb	23 28 01.1	-0.8	APG	El Apazote	7.26	97	Pn	23 30 16.5	-6.5	Y22A	Socorro	19.66	337	Iamb	Pn	23 31 49.5	+0.7	
PLIG	Platanillo	2.84	328	eS	Sb	23 28 01.1	-0.8	APG	El Apazote	7.26	97	Pn	23 29 05.7	+0.6	Y22A						Pn	23 32 01.1	
PLIG	Platanillo	2.84	328	eS	Sb	23 28 01.1	-0.8	APG	El Apazote	7.26	97	Pn	23 29 05.7	+0.6	LRAL	Lakeview Retre	19.67	28	P	Pn	23 31 48.3	-0.8	
PPCL	Tochimilco	3.00	348	eP	Sb	23 28 04.2	-0.2	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	PH02	Texas Public H	19.68	350	P	Iamb	Pn	23 31 49.1	-0.2
PPCL	Tochimilco	3.00	348	eS	Sb	23 28 04.2	-0.2	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	PH02	Texas Public H	19.68	350	P	Iamb	Pn	23 31 53.8	
PPCL	Tochimilco	3.00	348	eS	Sb	23 28 04.2	-0.2	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	OK029	Liberty Lake	19.76	1	P	Iamb	Pn	23 31 49.9	-0.2
PPCL	Tochimilco	3.00	348	eS	Sb	23 28 04.2	-0.2	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	OK029	Liberty Lake	19.76	1	P	Iamb	Pn	23 32 12.8	
PPPT	Popocatepetl	3.07	348	eP	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	SBM	South Baldy	19.78	337	P	Pn	23 31 51.9	+1.2	
PPPT	Popocatepetl	3.07	348	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	DEOK	Deeph	19.84	3	P	Iamb	Pn	23 31 51.6	+0.5
YAIG	Yautepec	3.08	340	eP	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	DEOK	Deeph	19.84	3	P	Iamb	Pn	23 32 00.8	
YAIG	Yautepec	3.08	340	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	LENM	Lemitar	19.87	337	P	Pn	23 31 53.0	+1.4	
YBIX	Popocatepetl	3.11	347	eP	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 31 51.3	-0.5	
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 06.2	-1.4	APG	El Apazote	7.26	97	Pn	23 30 26.8	-0.7	WHAR	Wooly Hollow	19.90	14	Iamb	Pn	23 32 30.3		
YBIX	Popocatepetl	3.11	347	eS	Sb	23 28 0																	

28d 23h

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like FVM French Village, KSU1 Kansas State U, MVCO Mesa Verde, etc.

2020 SEP

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like P48A Milroy, V58A Windy Hill, TMUT Trail Mountain, etc.

1522

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like ULM comp=Z,8.7nm,21.9s, LDM Libby Dam, LTY Liberty, etc.

TAP 28 23:42:10.2, 24:58N:122:40E, h74km, 1km, ML2.8, C
JMA 28 23:42:10.4, 0.0, 24 N:2 W:122:5E:0.2, h74km, MV1.6/6,
NWV OFF:ISHGAKUJMA IS
015K 28 23:49:09.1, 5.2, 43.1N:102:44:122:45E:0.03, h79km, 2.8km,
449, 0579/85, Taiwan region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like E0S2 E0S2, E0S3 E0S3, etc.

29d 1h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Forrest, Songino Array, Prapat, Kurchatov, Medeo, etc.

2020 SEP

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Shalkode, Honzhos River, Uzbunbulak, Kurchatov, etc.

1526

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Pine Creek, Blow River, Hart River, Mount Dempster, etc.

Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TPNV Topopah Spring, VRH Novokhoporsky, PFO Phynon Flats O, etc.

Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CLL comp=N,400nm,17.6s, ESDC Sonseca Array, etc.

IDC 29 01:13:20.2-17.0, 14:05N; 120:92E, h206km, 185km, mb3.1/7, mbtmp3.7/7, Error ellipse: s-maj=71.5km s-min=15.0km az=61.0

MAN 29 01:13:22.0, 14:08N; 120:45E, h210km, MS3.2 ISC 29 01:13:21.6-0.9, 14:08N; 120:55E, 0.2, h200km, n9, z=620/11, mb3.4/7, MINDORO

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PGP Puerto Galera, BOLP Bolinao, CMAR Chiang Mai Arr, etc.

NIED 29 01:14:12.4, 22:21'N; 120:75E, h37km, MW4.9, Moment Tensor Solution, s2 Moment tensor: Scale 10^16Nm; Mr1.48; Ms0.322; Mw0.174; M0-0.94; M0-0.37; M0-0.28; Fault plane solution: Ms2.690000x10^16 NP1: 0.128.00000, 0.856.00000, 1.159.00000. NP2: 0.230.00000, 0.873.00000, 1.36.00000.

JMA 29 01:14:12.4, 22:21'N; 120:75E, h37km, MW4.9, Moment Tensor Solution, s2 Moment tensor: Scale 10^16Nm; Mr1.48; Ms0.322; Mw0.174; M0-0.94; M0-0.37; M0-0.28; Fault plane solution: Ms2.690000x10^16 NP1: 0.128.00000, 0.856.00000, 1.159.00000. NP2: 0.230.00000, 0.873.00000, 1.36.00000.

MOS 29 01:14:13.6-0.9, 22:20'N; 121:25E, h11km, mb5.1/50, mb4.6/9, Error ellipse: s-maj=8.9km s-min=4.6km az=123.1

BUI 29 01:14:15.9, 22:33'N; 121:06E, h15km, mb5.1/33, mb4.6/60, ML4.6/4; Ms4.9/70, Ms7.4/96

ASIES 29 01:14:17.5, 22:38'N; 121:03E, h10km, MW4.9, Fault plane solution: NP1: 0.162.00000, 0.834.00000, 1.25.00000. NP2: 0.51.00000, 0.877.00000, 1.122.00000.

GFZ 29 01:14:17.3-0.2, 22:2'N; 121:12E, h10km, M4.6/17, mb4.6/17

TAP 29 01:14:17.1, 22:38'N; 121:02E, h12km, ML5.1, C NEIC 29 01:14:18.6, 22:42'N; 121:14E, h22km

GCMT 29 01:14:18.6, 22:38'N; 121:19E, 0:03, h20km, 1km, MW4.9/78, Moment Tensor Solution, s28, c58; 0.78, c11; Duration: 0 Moment tensor: Scale 10^16Nm; Mr1.93; 1.09; Ms0.55; 1.1; Mw1.38; 1.2; Ms2.04; 2.6; Ms0.134; 0.6; Ms1.25; 2.2; Best double couple: Ms3.23300; 1.06; NP1: 0.196.00000, 0.825.00000, 1.55.00000. NP2: 0.54.00000, 0.870.00000, 1.105.00000. Principal axes: T 3.1270, Plg62.0000, Azm346.0000; N 0.2150, Plg14.0000, Azm228.0000; P -3.3390, Plg24.0000, Plg132.0000; ns1a refers to body waves, cutoff=40s. ns1a2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 29 01:14:18.6, 22:38'N; 121:19E, 0:03, h20km, 4km, mb4.6/58, Mw4.9/25, Error ellipse: s-maj=9.2km s-min=7.4km az=76.0, Moment Tensor Solution, Moment tensor: Scale 10^16Nm; Mr-0.56; Ms1.58; Mw0.102; Ms1.38; Ms0.22; Ms1.58; Fault plane solution: Ms2.53000x10^16 NP1: 0.231.84000, 0.882.66000, 1.122.55000. NP2: 0.130.51000, 0.833.28000, 1.13.47000. Principal axes: T 2.3519, Plg30.0000, Azm348.0000; N 0.3221, Plg32.0000, Azm237.0000; P -2.6740, Plg43.0000, Azm111.0000.

IDC 29 01:14:22.0, 3.9, 22:23'N; 121:22E, h61km, 36km, mb4.1/28, mbtmp4.4/29, ML3.8/1, MS4.3/42 Error ellipse: s-maj=18.9km s-min=11.2km az=65.0

ISC 29 01:14:16.6-0.8, 22:36'N; 121:09E, 0:02, h8km, 4km, n540, 0.1947/614, mb4.8/127, MS4.5/63, 37C-15D, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TAW Tawu, EAST Anshuo, ECL Taimali, etc.

Table with columns: Station Name, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WLCH Liujia, SGLT Jiouru, TWP HsiaoIuchi, etc.

Table with columns for station name, time, status, and other metrics. Includes stations like Guanxi Townshi, Neicheng, Fushanzhiwuyua, etc.

Table with columns for station name, time, status, and other metrics. Includes stations like XAN Xian, XAN Son La, XAN Son La, etc.

Table with columns for station name, time, status, and other metrics. Includes stations like TNCH, CHTO Chiang Mai, CHTO Chiang Mai, etc.

1529

Table with columns: Station Name, Frequency, Power, Mode, and Signal Quality. Includes stations like MAKZ Makanchi, YAK Yakutsk, SHLS Shalkode, etc.

2020 SEP

Table with columns: Station Name, Frequency, Power, Mode, and Signal Quality. Includes stations like BORK Borovoye, HNR Honiara, TIXI Tikisi, etc.

29d 1h

Table with columns: Station Name, Frequency, Power, Mode, and Signal Quality. Includes stations like ARCES ARCESS Array B, SPITS Spitsbergen Arr, BNN Bunyan, etc.

29d 3h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ARCES ARCESS Array B, ESDC Sonseca Array, ESKA Eskdalemuir Arr, CMAR Chiang Mai Arr, etc.

NORS 29 02:20:01.4, 41.31N;45.97E, h1km, MPVA3.3
AZER 29 02:20:02.4, 41.28N;45.95E, h2.4km, m1.9
ISO 29 02:20:03.9, 1.1, 41.34N;0103.45;92E:0.03, h26km;14km, n16, $\pm 169/31$, Eastern Caucasus

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like QAZX Qazax, Azerba, GDBX GEDABAY, GANJ Ganja, etc.

NEIC 29 02:45:29.4-0.9, 6.9S;0.1;125.2E:0.1, h541km, 4km, mb4.1/11, Error ellipse: s-maj=21.7km s-min=16.4km az=73.0

IDC 29 02:45:32.3-3.6, 6.46S;126.01E, h591km;49km, mb3.0/7, mbmp4.1/9, Error ellipse: s-maj=41.1km s-min=12.2km az=68.0

ISC 29 02:45:29.0-0.6, 6.74S;125.4E:0.1, h55km, n31, $\pm 153/33$, mb3.6/10, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SOEI Soe, KAPI Kappang, FAKI Fak Fak, etc.

2020 SEP

station magnitude of 3.90 station ZFI2 has station magnitude of 3.90
NAO 29 02:47:23.5-1.6, 78.40N;7.57E, h13km;13km, ML2.9
BER 29 02:47:24.8-4.0, 78.35N;7.25E, h25km;35km, Mw3.8, ML2.9(NAO), Confirmed Earthquake
KOLA 29 02:47:26.5, 78.55N;9.29E, h0km, ML2.5, Greenland sea
DNK 29 02:47:26.0-1.0, 78.34N;5.43E, h0km;30km, ML1.8, Presumed earthquake

ISC 29 02:47:22.5-1.9, 78.44N;0.06;8.27E:0.07, h10km;12km, n28, $\pm 219/39$, Svalbard region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BRBB Barentsburg B, SPA0 Spitsbergen Arr, SPA0 Spitsbergen Arr, etc.

IDC 29 02:53:49.5-0.9, 6.2;31S;57.90W, h0km, mb3.9/7, mbmp3.9/8, ML3.2/1, MS3.5/5, Error ellipse: s-maj=17.0km s-min=10.7km az=93.0
NEIC 29 02:53:49.5-1.8, 6.2;34S;0.07;58.5W:0.2, h10km;1km, mb4.3/7, Error ellipse: s-maj=17.5km s-min=3.6km az=46.0
ISC 29 02:53:50.0-0.7, 6.2;34S;0.07;58.24W:0.08, h10km, n27, $\pm 104/22$, mb4.0/3, MS3.5/5, South Shetland Islands

1532

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PMSA Palmer Station, PMSA San Martin Ant, SNAI Snae, etc.

IDC 29 03:00:38.6;12.0, 3.2;32N;97.21E, h0km, mb3.5/2, mbmp3.6/3, ML4.3/1, MS2.9/1, Error ellipse: s-maj=369.9km s-min=32.2km az=74.0
NEIC 29 03:00:39.2;1.6, 3.08N;0.05;96.77E:0.07, h35km;2km, mb4.2/9, Error ellipse: s-maj=13.1km s-min=8.3km az=64.0

DJA 29 03:00:43.0;4.0, 3.4;N;3.9;8E:1, h10km, M3.8/16, MLV3.8/16

ISC 29 03:00:38.5-0.8, 3.07N;0.06;96.7E:0.1, h35km, n24, $\pm 107/22$, mb4.2/7, Northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TPTI Warrungarra Arr, GSTI Gunungsitoli, GSI Gunungsitoli, etc.

MOS 29 03:10:46.6;1.5, 78.99N;2.05E, h10km, mb4.6/21, Error ellipse: s-maj=32.6km s-min=7.4km az=95.0
FCIAR 29 03:10:46.0, 79.34N;4.65E, h10km, station OMEGA has station magnitude of 4.00 station ZFI2 has station magnitude of 4.10
NAO 29 03:10:47.3;3.1, 1.79;35N;2.75E, h15km, ML3.7
IDC 29 03:10:47.5;0.5, 79.17N;2.02E, h0km, mb3.8/21, mbmp3.8/27, ML2.9/5, MS3.4/40, Error ellipse: s-maj=12.0km s-min=10.0km az=28.0
BER 29 03:10:48.2;2.6, 79.23N;2.41E, h10km, Mw4.5, ML3.7(NAO), Confirmed Earthquake
KOLA 29 03:10:49.8, 78.94N;3.80E, h0km, ML3.1, Error ellipse: s-maj=60.9km s-min=27.4km az=10.0, Greenland sea, Knipovich ridge, north
NEIC 29 03:10:49.1;1.1, 79.07N;0.06;2.5E:0.3, h10km;1km, mb4.6/98, Error ellipse: s-maj=11.8km s-min=7.5km az=142.0
DNK 29 03:10:50.7;1.8, 79.16N;0.31E, h0km;38km, ML2.8, Presumed earthquake
ISC 29 03:10:48.0;2.6, 79.11N;0.04;2.18E:0.03, h10km;16km, n256, $\pm 258/263$, mb4.5/85, MS3.4/38, Greenland Sea

FCIAR 29 02:47:20.0, 79.37N;10.00E, h10km, station OMEGA has

Table with columns: BRBA, Barentsburg A, 2.62 108, Pn, Pn, 03 11 27.6, -2.7, etc. Includes stations like Spitsbergen Ar, Nord, Danmarks Havn, etc.

Table with columns: HFS, RES, Resolute Bay, 19.91 309, P, AML, P, 03 15 17.6, -1.6, etc. Includes stations like Klimovskoe, Ilgoolik, Nuna, etc.

Table with columns: KBZ, KBZ, Khabaz, 36.67 131, / P, LR, LR, 03 18 11.0, -0.4, etc. Includes stations like Sonseca Array, Magadan, Jazator, etc.

29d 3h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ELK, JAKS, U38A, TMUT, OK051, etc.

2020 SEP

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JAHN, JAHN, JARK, JARK, JOT, etc.

1534

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SNA4, SNA4, SNA4, SNA4, SNA4, etc.

JMA 29 03:11:06.9, 1.1, 41.3N, 0.3, 142.2E, 0.3, h53km, MV3.4/40, F OF ACAMORI PREEF, IDC 29 03:12:24.3, 1.2, 45.41N, 141.26E, h0km, mb3.8/6, mbtmp3.8/7, ML3.1/1, MS2.9/1, Error ellipse: s-maj=29.9km s-min=21.9km az=27.0

DNK 29 03:15:54.0, 1.8, 71.36N, 58.36W, h0km, ML2.1, Presumed Glacial event, Baffin Bay, Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC

IDC 29 03:23:34.5, 1.1, 62.133S, 0.04, 58.5W, 0.2, h10km, 1km, mb4.2/6, Error ellipse: s-maj=14.1km s-min=4.3km az=244.0, IDC 29 03:23:34.6, 1.2, 62.143S, 58.55W, h0km, mb4.0/4, mbtmp4.0/4, MS3.8/1, Error ellipse: s-maj=68.3km s-min=23.6km az=68.0, ISC 29 03:23:35.2, 0.7, 62.35S, 0.08, 58.36W, 0.10, h10km, n27, s1507/23, mb4.1/5, 4C, South Shetland Islands

BVAR Borovoye Array 151.73 85 PKPbc PKPbc 03 06 04.9 -0.4
MKAR Makanchi Array 152.91 106 PKPbc PKIKP 03 06 09.6 +1.2
MKAR Makanchi Array 152.91 106 PKIKP 03 06 08.2 -0.2

IDC 29 03:42:00.6:1.2, 62.54S:58.22W, h0km, mb3.7/4,
mbtmp:3.8/4, MS3.4/6, Error ellipse: s-maj=59.9km
s-min=25.3km az=70.0

NEIC 29 03:42:00.5:1.6, 62.35S:0.1:58.4W:0.2, h10km, 1km,
mb4.1/4, Error ellipse: s-maj=20.2km s-min=9.5km
az=27.0

ISC 29 03:42:01.3:0.9, 62.45S:0.1:58.3W:0.1, h10km, n18,
+178/14, mb3.8/3, MS3.1/5, South Shetland Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their parameters.

DNK 29 03:56:30.5:1.5, 51.52N:16.75E, h0km, 56km, ML2.6,
Presumed earthquake
IDC 29 03:56:32.2:1.1, 51.51N:16.17E, h0km, mbtmp:3.1/8,
ML2.9/7, Error ellipse: s-maj=17.4km s-min=10.0km
az=112.0

IPEC 29 03:56:32.1:0.2, 51.47N:16.28E, h1km, ML2.2/8, Error
ellipse: s-maj=1.4km s-min=1.1km az=66.0

PRU 29 03:56:33.8:1.5, 46N:16.26E, h0km
VIE 29 03:56:33.1:0.4, 51.37N:16.64E, h0km, mb2.6/4, ml2.8/6,
ml2.7/6, Error ellipse: s-maj=4.8km s-min=2.9km az=87.0
40 km NW of Wroclaw Suspected Mining induced.

ISC 29 03:56:30.7:0.7, 51.55N:0.03:16.28E:0.03, h0km, n45,
+090/80, Poland

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their parameters.

Table with columns: STAC, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their parameters.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their parameters.

Table with columns: MLPR, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their parameters.

HEL 29 04:04:36.8:0.2, 65.32N:24.61E, h0km, ML1.0,
Suspected explosion, Finland

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their parameters.

29d 4h

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like KVDA Kovda, VRF Vario baz=85, TERR Teriberka, etc.

TEH 29 04:08:00.8, 31°60'N-51°08'E, h5km, ML4.8, Presumed earthquake
IDC 29 04:08:02.0, 31°57'N-51°02'E, h0km, mb4.6/31, mb1mp4.5/39, ML4.2/8, MS4.5/6.4, Error ellipse: s-maj=12.4km s-min=9.0km az=177.0

MOS 29 04:08:02.2, 1.4, 31°46'N-51°08'E, h15km, mb4.9/44, MS4.2/22, Error ellipse: s-maj=4.8km s-min=3.4km az=107.1
NEIC 29 04:08:03.1, 1.4, 31°46'N-51°07'51"O, h10km, 1km, mb4.9/90, Error ellipse: s-maj=11.2km s-min=10.3km az=196.0

THR 29 04:08:03.6, 0.0, 31°60'N-51°12'E, h10km, 7km, ML5.0, Presumed earthquake
GFZ 29 04:08:05.0, 31°45'N-51°12'E, h10km, Mw4.9/43, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; M1=0.55; M2=1.15; M3=1.69; M4=0.59; M5=1.96; M6=0.02; Fault plane solution: Mo2.53762x10^16 NP1: phi=342.93846; lambda=171.73340; NP2: phi=250.73569; lambda=115.50533; Principal axes: T=2.7202, P1g3.1155, Azm297.5711; N=-0.4163, P1g72.6112, Azm44.1811; P=-2.3034, P1g16.5734, Azm206.0444

GMCM 29 04:08:04.0, 0.2, 31°52'N-0°01'51"O, h15km, 1km, MW5.1/128, Moment Tensor Solution. s61.c73; s128.c215; Duration: 0 Moment tensor: Scale 10^16Nm; M1=0.81+/-0; M2=2.01+/-0.9; M3=2.82+/-0.9; M4=0.81+/-2.0; M5=4.02+/-1.0; M6=0.54+/-1.7; Best double couple: Mo4.81600x10^16 NP1: phi=254.00000; lambda=169.00000; NP2: phi=345.00000; lambda=169.00000; Principal axes: T=0.5560, P1g75.0000, Azm27.0000; P=-4.5360, P1g15.0000, Azm210.0000; N1z1 refers to body waves, cutoff=40s, n1z2 refers to surface waves, cutoff=50s. Triangular moment-rate function

GFZ 29 04:08:05.0, 4.0, 31°N-4°S, h10km, M4.5/26, mb5.0/26
OMAN 29 04:08:06.0, 0.9, 31°34'N-51°20'E, h27km, 8km, mb4.6/39, ms4.3/7, Error ellipse: s-maj=4.0km s-min=3.3km az=50.0

DSN 29 04:08:07.7, 1.3, 31°17'N-51°25'E, h15km, ML4.9/16, Error ellipse: s-maj=19.4km s-min=8.1km az=30.0
ISC 29 04:08:02.5, 0.6, 31°48'N-0°03'51"O, h7km, 3km, n729, s1957/784, mb4.8/182, MS4.4/82, 38C-22D, Northern and central Iran

Main table for 29d 4h section with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like IBRJ Brojen, ZNGN Zangian, JHBN Jahān bin Nafī Sefīd, etc.

2020 SEP

Main table for 2020 SEP section with columns: BANOM Banah, BANOM Banah, BANOM Banah, etc. Includes stations like BANOM Banah, BANOM Banah, BANOM Banah, etc.

1536

Main table for 1536 section with columns: GEM Giv'at Ha'Em, ORNJ Al-Oirein, GHAJ Ghaditha, etc. Includes stations like GEM Giv'at Ha'Em, ORNJ Al-Oirein, GHAJ Ghaditha, etc.

29d 5h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PDAR Pinedale Array, MNK Minsk, KNOB Kanab, LAO LASA Array, etc.

2020 SEP

Table with columns: ANMO Albuquerque, ANMO Albuquerque, ALQ Albuquerque, ASAF Jabal al Asfar, MNTX Cornudas Mount, EIL Elat, VRAC Vranov, TPB28, CLL Colim, GERES Geres Array B, TXAR Lajitas Array, EKA Eskdalemuir Ar, SCHO Schefferville, EDHO Sonseca Array, BOSA Boshof, TROLL Troll, ANTARI, SNAIA Sanae, SNAIA Sanae, SNAIA Sanae, VNA2 Neumayer-Watz, VNA3 Neumayer-Olymp, VNA1 Neumayer-Stat, TORD Torodi Ar. Bea, PLCA Paso Flores, LPAZ La Paz, LPAZ La Paz, CFA Coronel Fontan, IDC 29 04:40:28.2, NEIC 29 04:00:33.1, ISC 29 04:01:31.8, Code Station Name, HOPE Hope Point, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, SNAIA Sanae, SNAIA Sanae, PMSA Palmer Station, TROLL Troll, BELA Belgrano 2, QSPA South Pole Qui, MAW Mawson, MAW Mawson, VNA2 Neumayer-Watz, LPAZ La Paz, LPAZ La Paz, LSZ Lusaka, BOAV Boa Vista, TORD Torodi Ar. Bea, TERS Terrestrial Station, FINES FINESS Array B, FINES FINESS Array B, ILAR Eielson Array, ILAR Eielson Array, SONMI Songoing Array, SONMI Songoing Array, TAP 29 04:42:58.9, Code Station Name, TAW Tawu, TAW Tawu, TAWH Dawu Township, EAST Anshuo, EAST Anshuo, SLIU Shizi

1542

Table with columns: SLIU Taimali, ECL Taimali, SCZT Fangliu, SCZT Fangliu, SMST Manzhou Townsh, SMST Manzhou Townsh, TTN Taitung, HEN Hengchun, SSPT Xinbi, MASBT Mashibuluo, MASBT Mashibuluo, TWK1 Hengchun, TWK1 Hengchun, TWKBT Hengchun, TWKBT Hengchun, SNW Nanwan, SNW Nanwan, TSEB Hengchun, Pin, TSEB Hengchun, Pin, EDH Beinan, EDH Beinan, TWG Pinlang, TWG Pinlang, TSMG Majia, TSMG Majia, TSMG Sandimen, TSMG Sandimen, SSJ SSJ, SSJ SSJ, LDUT Ludao, LDUT Ludao, LDUT Longtian, LDUT Longtian, LYUB Lanyu, LYUB Lanyu, JFC Donghe, JFC Donghe, SCST Cishan, SCST Cishan, SLGT Liugu, SLGT Liugu, ELDTW Lidau, ELDTW Lidau, ELDTW Lidau, STYH Taoyuan, STYH Taoyuan, FUL Ful, FUL Ful, CHN1 Nanshi, CHN1 Nanshi, TPUB Ta-pu, TPUB Ta-pu, TPUB Hsinying, TPUB Hsinying, THW Tsauhsan, THW Tsauhsan, IDC 29 04:58:44.0, JMA 29 04:58:46.1, SW IBARAKI PREF, JMA Feli I Ji, ISC 29 04:58:45.6, Code Station Name, KYT Yasato, KYT Yasato, JAG Ashikaga, JAG Ashikaga, JKT Katashina, JKT Katashina, JRY Ryogami san, JRY Ryogami san, JYU Yanaizu, JYU Yanaizu, JON Junma, JON Junma, JOD2 Odawara 2, JOD2 Odawara 2, JOTO OTAMA OYAMA, JOTO OTAMA OYAMA, JOTF Kaawaichi, JOTF Kaawaichi, JYN Shimob, JYN Shimob, MJAR Matsushiro Arr, MJAR Matsushiro Arr, KRSR Korea Array, KRSR Korea Array, KRSR Makanchi Array, KRSR Makanchi Array, KURBB Kurchatov Arra, KURBB Kurchatov Arra, WRA Waramunga Arr, WRA Waramunga Arr, KRNET 29 05:05:07.2, ISU 29 05:05:12.4, ISC 29 05:05:11.9, Code Station Name, CHMG Chimgan, CHMG Chimgan, CHRV Charvak, CHRV Charvak, TRKS Terek-Say, TRKS Terek-Say, TRKS Terek-Say, TRKS Terek-Say, PSK Pskem, PSK Pskem, BTK Batken, BTK Batken, ARK Arkit, ARK Arkit, ARSB Arslanbob, ARSB Arslanbob, KK31 Karatay Array, KK31 Karatay Array, MNAS Manas, MNAS Manas, IDC 29 05:07:12.9, JMA 29 05:07:13.0, TAP 29 05:07:16.0, ISC 29 05:07:14.0, Code Station Name, TAW Tawu, TAW Tawu, TAW Anshuo, TAW Anshuo, EAST Taimali, EAST Taimali, EIU Shizi, EIU Shizi, SLIU Taitung, SLIU Taitung, TTN Taitung, TTN Taitung, TMSST Manzhou Townsh, TMSST Manzhou Townsh, TWGBT Beinan, TWGBT Beinan, LDUT Ludao, LDUT Ludao, LDUT Longtian, LDUT Longtian, SCZT Fangliu, SCZT Fangliu, TWGBT Beinan, TWGBT Beinan, TSEB Hengchun, Pin, TSEB Hengchun, Pin, TWGBT Pinlang, TWGBT Pinlang, TSMG Majia, TSMG Majia, TSMG Sandimen, TSMG Sandimen, LDUT Ludao, LDUT Ludao, LDUT Longtian, LDUT Longtian, LYUB Lanyu, LYUB Lanyu, JFC Donghe, JFC Donghe, SCST Cishan, SCST Cishan, SLGT Liugu, SLGT Liugu, ELDTW Lidau, ELDTW Lidau, ELDTW Lidau, STYH Taoyuan, STYH Taoyuan, FUL Ful, FUL Ful, CHN1 Nanshi, CHN1 Nanshi, TPUB Ta-pu, TPUB Ta-pu, TPUB Hsinying, TPUB Hsinying, THW Tsauhsan, THW Tsauhsan

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Pinedale Array, Milna Array, and various island stations.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Warramunga Arr, Warramunga Arr, and various island stations.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Datong, Datong, and various island stations.

Main table of station data, columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists numerous stations across various islands.

Main table of station data, columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists numerous stations across various islands.

Main table of station data, columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists numerous stations across various islands.

29d 6h

0.2mm,0.6s,baz=345,slow=7.1,SNR=1.9
TXAR Lajitas Array 69.40 51 P
PALK Pallekele 74.12 234 LR

2020 SEP

1546

IDC 29 06:44:18.2.0.4, 12:22:28N-88:49W, h0km, mb4.0/9,
mblmj4.0/12, MD 2.6/3, MS3.7/25, Error ellipse:
s-maj=33.5km s-min=10.4km az=46.0

GCG 29 06:44:20.4.1.1, 12:21:28N-88:77W, h35km, 158km, MD4.7,
Presumed earthquake

CATAC 29 06:44:20.0.0.5, 12:21:28N-88:77W, h28km, 5km, M4.5/3.7,
mb5.2/3, mB5.3/2, ML4.2/3.7, Mw(mB)4.7/2, Error ellipse:
s-maj=6.0km s-min=2.1km az=42.5, confirmed

SNET 29 06:44:21.2.1.8, 12:34:28N-88:78W, h34km, ML4.1,
Presumed earthquake

NEIC 29 06:44:22.4.1.1, 12:36:20N-06:88:77W, 0.06, h35km, 2km,
mb4.5/156, Error ellipse: s-maj=12.0km s-min=6.8km
az=20.0

UCR 29 06:44:25.9.2.0, 12:39:18N-88:49W, h35km, 345km,
MB4.5(NEIC), Presumed earthquake

ISC 29 06:44:22.3.0.9, 12:31:10N-04:88:82W, 0.04, h43km, 9km,
n331, r1928/330, mb4.5/63, MS3.8/25, 4C-11D, Off coast
of central America

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, ISC. Lists various seismic stations and their coordinates.

Main seismic event table with columns: Station Name, Time, Residual, ISC. Lists stations like CUI Cuipilapa, HUEH Huehuetenango, CANAL Canalete, etc.

Secondary seismic event table with columns: Station Name, Time, Residual, ISC. Lists stations like Y49A Blount Mountain, Z38A Mt. Pleasant, WLAR White Oak Lake, etc.

NOU 29 08:34:56.2, 24.865S:179:77W, h514km, mb4.8/74, South of Fiji Islands
IDC 29 08:34:56.4, 0.9, 24.835S:179:96E, h488km, qm, mb4.1/23, mbmp4.9/26, Error ellipse: s-maj=11.6km s-min=9.4km az=74.0

GFZ 29 08:34:57.0, 25.05, 25.5, 18.0E, h497km, 6km, M4.7/28, mb4.7/28
NEIC 29 08:34:57.1, 1.5, 24.905S:0:10, 180:0W, 0:1, h490km, 6km, mb4.5/96, Error ellipse: s-maj=15.2km s-min=13.9km

ISC 08:34:56.6, 0.3, 24.855S:0:04, 179:94W, 0:05, h496km, h366, s136/386, mb4.6/108, 7C-8D, South of Fiji Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various meteorological stations and their data points.

Table with columns: CMSA, Cobar Meteorol, 30.92 250, P, P. Lists meteorological data for various locations including Gladstone, Townsville, and others.

Table with columns: 08 40 32.2, 0.0, 08 40 33.6, -0.2, 08 40 34.9, -0.4, 08 40 37.5, -0.2. Lists meteorological data for various locations including South Pole, and others.

29d 10h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VTON, CMARA, AZU, etc.

STR 29 09:23:22.5:2.1, 43N7.7, h0km, MLV1.9/5, LOC SAT earthModelld pyrenees.taup-2.11 preliminary.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OSSF, ORDF, IRAF, etc.

LDG 29 09:24:00.3:0.1, 42.86N:1.48W, h2km, Md3.4/2, ML3.3/26, Error ellipse: s-maj=1.9km s-min=1.5km az=135.0

MDD 29 09:24:00.7:0.1, 42.80N:1.48W, h0km, mb_Lg3.1/46, Error ellipse: s-maj=1.8km s-min=1.1km az=3.0

SFS 29 09:24:00.7, 42.74N:1.45W, h0km, mb3.6/5, ML3.3/10, ML3.6/10, MLV3.8/8

INMG 29 09:24:01.0:1.8, 42.82N:1.53W, h0km, ML2.8, Error ellipse: s-maj=3.3km s-min=2.7km az=112.0

ISC 29 09:23:57.2:0.6, 42.90N:0.02:1.43W:0.02, h0km, n75, #187/168, 1C-3D, Pyrenees

Main table for station data under the Pyrenees region, listing stations like EARA, Ste Jean, EALK, etc.

2020 SEP

Main table for station data under the 2020 SEP region, listing stations like ETOS, Plasencia, Bois d'Agland, etc.

1550

Main table for station data under the 1550 region, listing stations like BMRD, STKA, WRA, etc.

LDG 29 10:19:24.6:0.8, 60.21S:48.90W, h0km, mb4.1/7, mbtmp4.0/8, ML3.4/1, MS3.2/2, Error ellipse: s-maj=28.4km s-min=20.1km az=102.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TEKE, BOZY, LOD, GAZI, POLA, etc.

ICD 29 11:32:30.8-2.23:79N-36:79E, h0km, mb3.6/3, mbmp3.6/4, ML3.1/1, MS2.9/3, Error ellipse: s-maj=68.3km s-min=28.9km az=149.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SUMJS, LNY05, UMJ07, etc.

ICD 29 11:34:49.0-4.6, 62:25S-57:77W, h0km, mb4.1/11, mbmp4.1/13, ML4.0/2, MS4.1/36, Error ellipse: s-maj=18.5km s-min=12.9km az=93.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JUBA, MAW, LPZA, etc.

ICD 29 11:34:50.8-0.4, 62:32S-0:04:58:31W, h10km, n121, s186/98, mb4.8/29, MS4.2/36, 5C-1D, South Shetland Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ESPZ, PMSA, ORCD, SMAI, etc.

ICD 29 11:32:31.4-1.2, 23:95N-0:07:36:88E, h10km, n24, s158/98, mb4.8/29, MS4.2/36, 5C-1D, South Shetland Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GQSP, GQSA, GQ05, etc.

REN 29 11:36:11.9-1.9, 38:19N-0:02:11:77W, h0km, 4km, NEIC 29 11:36:12.1, 38:19N-0:11:77W, h10km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VVND, SALTA, PB05, MAW, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BDFB, RPN, CLDB, NNA, etc.

REN 29 11:36:11.9-1.9, 38:19N-0:02:11:77W, h0km, 4km, NEIC 29 11:36:12.1, 38:19N-0:11:77W, h10km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like COLR, NV11, NV07, etc.

REN 29 11:36:11.9-1.9, 38:19N-0:02:11:77W, h0km, 4km, NEIC 29 11:36:12.1, 38:19N-0:11:77W, h10km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NV06, NV07, NV03, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like MEEK, Meekatharra, Broome Senior, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like FORT Forrest, Alice Springs, Darwin Rock St, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Col San Antoni, Patillas Dam, Esperanza - Ma, etc.

IDC 29 12:23:02.0±0.3, 1.7475x169.41E, h0km, mb4.2/4, mbmtq2.5, ML5.3/1, MS3.3/2, Error ellipse: s-maj=112.8km s-min=20.4km az=6.0, Vanuatu Islands

HEL 29 12:30:20.8±0.1, 67.42N±23.36E, h0km, ML1.4, Explosion IDC 29 12:30:40.0±0.2, 67.46N±23.70E, h0km, mbmtq2.4/2, ML1.8/2, Error ellipse: s-maj=37.0km s-min=15.7km

ISC 29 12:30:18.7±0.8, 67.48N±0.02±23.54E±0.03, h0km, m25, ±136°/35, 1C, Sweden

NEIC 29 12:12:03.6±0.9, 18.99N±0.06±65.03W±0.09, h35km±2km, ML3.2/30, MD3.6/(RSPR), Error ellipse: s-maj=14.5km s-min=10.7km az=80.0

SDD 29 12:12:03.2±1.1, 18.91N±.65±23W, h30km±40km, MD3.4, ML3.1, MW3.2, Presumed earthquake

RSPR 29 12:12:06.7, 18.89N±.65±13W, h22km±22km, MD3.6/9

ISC 29 12:12:03.5±3.1, 18.9N±0.1±65.1W±0.2, h22km±7km, n41, ±0576/57, 11C, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res, ISC. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, MKAR Kurchatov, etc.

GCG 29 12:49:53.21.1.137.63N:91.99W, h2km, 13km, MD4.6, Presumed earthquake

ICD 29 12:50:01.1.2.3.14.08N:91.81W, h57km, 19km, mb3.4/4, mbmp3.7/7, ML3.5/3, MS3.4/4, Error ellipse: s-maj=22.9km s-min=11.3km az=17.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res, ISC. Includes stations like STG8 El Palmer, FG8 Yecopaca, etc.

IDC 29 12:57:16.2.7.4.33.70S:178.76W, h56km, 59km, mb3.8/4, mbmp4.1/5, ML3.9/1, MS3.5/2, Error ellipse: s-maj=47.1km s-min=30.6km az=56.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res, ISC. Includes stations like URZ Urewera, URZ Honiara, URZ Nonsavu, etc.

MOS 29 13:07:14.8.1.0.46.03N:143.24E, h337km, mb4.2/3, Error ellipse: s-maj=14.2km s-min=8.1km az=85.8

SKHL 29 13:07:15.8.0.4.45.80N:143.40E, h336km, 2km, mb4.5/6, mb1.7/7

JMA 29 13:07:15.6.0.4.46.12.2.14.3E, h343km, 3km, MV4.0/39, NE OFF HOKKAIDO

NEIC 29 13:07:16.0.9.4.6.00N:143.3E, 0.1, h334km, 6km, mb4.0/31, Error ellipse: s-maj=13.8km s-min=11.3km az=97.0

IDC 29 13:07:16.3.1.1.46.05N:143.18E, h335km, 12km, mb3.2/15, mbmp4.0/22, Error ellipse: s-maj=15.6km s-min=12.3km az=159.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res, ISC. Includes stations like KRS4 Mayak Korsakov, KRS4 Yuzhno-Sakhal, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res, ISC. Includes stations like AKK Akkeshi, AKK Churui, AKK Eniwo, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, I, S, C. Includes stations like SADO Sadowa, CCM Cathedral Cave, OZNA Ozona, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, I, S, C. Includes stations like RABL Rabaul, KRVT Keravat, MANU Manus Island, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, I, S, C. Includes stations like MT15 Renca, MT05 Renca, MT05 Popeta, etc.

ICD 29 13:31:41.2, 1.2, 4.65S, 153.56E, h99km, mb3.8/16, mbmp4.2/19, MS2.7/3, Error ellipse: s-maj=14.9km s-min=10.7km az=53.0

NEIC 29 13:31:41.5, 1.0, 4.60S, 0.07x153.60E, 0.07, h95km, 7km, SJA 29 14:24:30.6, 0.8, 33.71S, 70.87W, h88km, 2km, ML4.2, MW4.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SSHA, CHN4, YUS, WCKO, EHYH, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LUES, SANVU, SANVU, SANVU, etc.

ISC 29 17:55:41.9.0.4, 9.61'S, 119.23'E, h0km, mb4.5/23, mbmp4.5/29, ML4.2/5, MS3.7/47, Error ellipse: s-maj=14.6km s-min=10.1km az=67.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WSI, WSI, WSI, DBNI, etc.

Table with columns: KAPI, Kappang, 4.78 8 Pn, 17 56 56.2 +0.0. Includes stations like KAPI, Kappang, Kappang, etc.

Table with columns: GIRL, Giralia, 16.31 199 Pn, 17 58 56.1 -1.2. Includes stations like GIRL, Giralia, Sibiu, etc.

Table with columns: ASAR, Asari Springs, 19.75 136 P, 18 00 16.0 +1.7. Includes stations like ASAR, Tagbilaran, Lapu-Lapu, etc.

Table with columns: CMAR, Chiang Mai Arr, 34.40 325 P, 18 02 26.5 -5.3. Includes stations like CMAR, Chiang Mai Arr, Chiang Mai, etc.

E29M	Blow River	87.38	13	IAMS_20	IAMS_20	19 47 28.4
F31M	Tsightchik	87.56	14	P		19 14 05.5 +0.3
Z35A	Perch San	87.51	55	IAMS_20	IAMS_20	19 47 31.4
MAW	Mawson	87.72	199	P		19 14 05.3 -0.9
R32A	Long Quarter	88.27	49	IAMS_20	IAMS_20	19 47 33.4
INK	Inuvik	88.29	14	LR	LR	19 47 33.6
HHC	Hu-ho-hao-te	88.50	313	S	S	19 14 11.0 +0.5
HHC				S	S	19 24 54.5 +2.3
HHC				SS	SS	19 25 05.0 +2.5
HHC				SS	SS	19 30 49.8 +2.2
HHC				pmax	pmax	
HHC				pmax	pmax	
HHC				L	L	
HHC				L	L	
HHC				L	L	
YAK	Yakutsk	88.76	337	LR	LR	19 49 03.6
YAK	Yakutsk	88.76	337	eP	P	19 14 11.4 +0.3
Z38A	lit. Piegait	89.38	55	IAMS_20	IAMS_20	19 48 05.3
BGNE	Belgrade	89.73	47	IAMS_20	IAMS_20	19 48 25.8
PLCA	Paso Flores	90.04	132	LR	LR	19 48 15.6
YKA	Yellowknife Arr	90.22	24	LR	LR	19 48 37.1
U38A	Gravette	90.85	52	P		19 14 20.6 -0.9
U38A				Iamb	Iamb	19 14 40.2
U38A				IAMS_20	IAMS_20	19 48 43.0
MIAR	Mount Id	90.89	54	IAMS_20	IAMS_20	19 50 40.3
L34A	Svensden Farm	91.17	47	IAMS_20	IAMS_20	19 49 31.9
CD2	Chengdu	91.23	302	eP	P	19 14 24.0 +0.5
C36M	Pauluit	91.40	16	IAMS_20	IAMS_20	19 49 34.7
PZH	PanZhihua	91.68	297	P		19 14 26.0 +0.3
V21	Torpedera	91.82	125	IAMS_20	IAMS_20	19 47 24.5
CMAR	Chiang Mai Arr	92.00	288	P		19 14 28.7 +1.4
CMAR				LR	LR	19 51 54.3
CMAR	Chiang Mai Arr	92.00	288	P		19 14 26.4 -0.9
S39A	Bolivar	92.04	52	IAMS_20	IAMS_20	19 49 59.6
ELIB	Princess Elisa	92.21	185	dP	P	19 14 28.0 +0.6
P38A	Dawn	92.47	50	IAMS_20	IAMS_20	19 49 42.6
F33A	5 Mile Ranch	92.51	43	IAMS_20	IAMS_20	19 50 07.0
LZH	Lanzhou	92.67	307	eP	P	19 14 25.8 -4.3
LZH				sP	sP	19 14 33.5 -0.3
LZH				pmax	pmax	
LZH				LR	LR	
LZH				LR	LR	
LZH				LR	LR	
LZDM	Lanzhou Array	92.74	306	LR	LR	19 52 43.2
TROLL	Troll, Antarti	92.90	179	IP	P	19 14 33.8 +3.2
R40A	Maddies Statio	93.02	51	IAMS_20	IAMS_20	19 52 18.3
VNA3	Neumayer Olymp	93.04	175	IP	P	19 14 33.2 +2.2
ATAH	Atahualpa	93.53	98	LR	LR	19 48 52.6
P40A	Paris	93.54	50	IAMS_20	IAMS_20	19 50 27.0
AGMN	Agassiz Station	93.59	41	IAMS_20	IAMS_20	19 51 14.4
CCM	Cathedral Cave	93.72	52	IAMS_20	IAMS_20	19 50 31.0
I37A	Lemond, Waseca	93.89	46	IAMS_20	IAMS_20	19 50 27.7
Y45A	Yeager Farm, C	93.89	56	IAMS_20	IAMS_20	19 51 38.1
ULM	Lac du Bonnet	94.21	39	LR	LR	19 51 37.7
SONM	Songino Array	94.35	318	LR	LR	19 52 46.0
TIXI	Tiksi	94.72	345	LR	LR	19 53 31.1
CFA	Coronel Fontan	95.02	124	LR	LR	19 49 51.3
S44A	Carbondale	95.14	52	IAMS_20	IAMS_20	19 51 24.6
T45A	Paduch	95.43	53	IAMS_20	IAMS_20	19 52 17.4
P43A	Skaggs, Pawnee	95.45	51	IAMS_20	IAMS_20	19 54 03.6
WVT	Waverly	95.84	54	IAMS_20	IAMS_20	19 52 27.4
EYMN	Ely	96.28	42	IAMS_20	IAMS_20	19 54 29.7
Y49A	Blount Mountain	96.41	57	IAMS_20	IAMS_20	19 52 56.8
V48A	Smith Brothers	96.54	55	IAMS_20	IAMS_20	19 52 28.9
I42A	Draeger Farm	96.97	47	IAMS_20	IAMS_20	19 52 50.4
M44A	Midewin	96.98	49	IAMS_20	IAMS_20	19 54 03.9
TLY	Talaya	97.19	322	LR	LR	19 55 08.1
WCI	Wyandotte Cave	97.54	53	IAMS_20	IAMS_20	19 52 19.1
U49A	Red Boiling Sp	97.54	54	IAMS_20	IAMS_20	19 53 19.4
R49A	Shelbyville	98.41	53	IAMS_20	IAMS_20	19 53 49.3
P48A	Milroy	98.48	51	IAMS_20	IAMS_20	19 53 18.8
N47A	Urbana	98.59	50	IAMS_20	IAMS_20	19 53 31.6
TKL	Tuckaleechee C	98.94	56	LR	LR	19 54 04.2
R50A	Paris	99.06	53	IAMS_20	IAMS_20	19 54 08.4
TZTN	Tazewell	99.30	55	IAMS_20	IAMS_20	19 54 25.0
BRDH	Bariadhala	99.65	291	LR	LR	19 59 34.8
N49A	Columbus Grove	99.72	50	IAMS_20	IAMS_20	19 54 17.5
J47A	Summer	99.72	48	IAMS_20	IAMS_20	19 54 33.4
Q51A	Peebles	99.96	52	IAMS_20	IAMS_20	19 54 17.3
GLMI	Graying	100.18	46	IAMS_20	IAMS_20	19 53 59.4
M50A	Fremont	100.65	50	IAMS_20	IAMS_20	19 54 36.3
U54A	Nelsons Funny	100.66	55	IAMS_20	IAMS_20	19 57 04.1
KNGR	Kungurtug, Tuv	100.67	320	eP	P	19 15 06.7 +0.7
Q52A	Bidwell	100.78	52	IAMS_20	IAMS_20	19 54 19.9
S54A	Dingess, Beckl	101.30	54	IAMS_20	IAMS_20	19 55 28.8
O52A	Adamsville	101.32	51	IAMS_20	IAMS_20	19 54 57.0
Q54A	Coxs Mills	101.88	53	IAMS_20	IAMS_20	19 55 17.1

BLA	Blacksburg	101.89	55	IAMS_20	IAMS_20	19 57 32.6
M52A	Chesterland	101.92	50	IAMS_20	IAMS_20	19 55 37.0
X58A	comp=Z,912nm,21.0s	102.29	57	IAMS_20	IAMS_20	19 58 18.6
R55A	Marlinton	102.31	53	IAMS_20	IAMS_20	19 56 10.6
Y60A	Bolivia	103.11	58	IAMS_20	IAMS_20	19 50 20.5
S57A	Hart Hollow, R	103.13	54	IAMS_20	IAMS_20	19 56 14.4
Q56A	Snyder Ridge,	103.15	53	IAMS_20	IAMS_20	19 56 38.8
R58B	Mineral	104.00	54	IAMS_20	IAMS_20	19 57 24.5
T59A	Double 'B' Far	104.11	55	IAMS_20	IAMS_20	19 59 10.5
P57A	Homestead Farm	104.12	53	IAMS_20	IAMS_20	19 58 57.4
SSPA	Standing Stone	104.38	51	IAMS_20	IAMS_20	19 56 53.2
CBN	Cotbin Frederi	104.43	54	IAMS_20	IAMS_20	19 57 35.8
PALK	Pallekele	106.57	273	IAMS_20	IAMS_20	19 07 28.6
LONY	Lake Ozonia	107.23	48	IAMS_20	IAMS_20	19 59 32.1
PAL	Palisades	107.42	51	IAMS_20	IAMS_20	19 58 37.5
HNH	Hanover	108.82	49	IAMS_20	IAMS_20	20 00 34.2
L64A	Middleborough	109.79	51	IAMS_20	IAMS_20	20 00 56.1
HYB	Hyderabad	110.72	283	ePKiKP	PKiKP	19 19 51.0 +0.6
HYB				eSKSac	SKSac	19 26 29.9 -1.5
WVL	Waterville	110.75	48	IAMS_20	IAMS_20	19 01 11.0
NIL	Nilore	117.09	300	IAMS_20	IAMS_20	20 14 57.8
BORK	Borovoye	117.45	322	IAMS_20	IAMS_20	20 09 39.0
LVZ	Lovozero	124.25	347	IAMS_20	IAMS_20	20 14 43.7
MSEY	Mahe Island	127.12	252	IAMS_20	IAMS_20	20 12 44.6
OBN	Obninsk	133.75	336	iPKiKP	PKPdf	19 20 35.4 +1.0
OBN				pmax	pmax	19 23 06.2
NCK	Nalchik	137.38	319	ePKiKP	PKPdf	19 20 41.6 0.0
PABE	Paberze	137.52	345	IAMS_20	IAMS_20	20 20 40.9
KIV	Kislovodsk	137.72	320	iPKiKP	PKiKP	19 20 45.3 +1.0
KIV				pmax	pmax	
KIV	Kislovodsk	137.72	320	IAMS_20	IAMS_20	20 27 20.6
NEUR	Neytrino	138.06	319	iPKiKP	PKiKP	19 20 46.3 +1.2
NEUR	Suwalki	139.06	345	IAMS_20	IAMS_20	20 24 35.5
SOC	Sochi	139.73	321	iPKiKP	PKiKP	19 20 50.1 +1.8
SOC				MLR	MLR	19 23 41.1
KIEV	Kiev	140.00	337	IAMS_20	IAMS_20	20 26 06.5
RGN	Rugen	140.39	353	IAMS_20	IAMS_20	20 20 33.6
CLL	Collin	143.61	353	IAMS_20	IAMS_20	20 23 29.8
CLL	Collin	143.61	353	ePKPdf	PKPdf	19 20 52.0 -0.6
CLL				eSKPtd	SKPtd	19 24 29.0 +1.7
CLL				ex	x	19 31 00.0 +2.5
CLL				ex	x	19 32 24.0
CLL				ex	x	19 34 06.0
CLL				ex	x	19 34 54.0
CLL				eSKKSdf	SKKSdf	19 37 18.0 -0.5
CLL				eSSS	SSS	19 42 48.0 +2.9
CLL				eSSSS	SSSS	19 48 12.0
CLL				LV	LV	20 09 00.0
CLL				LH	LH	20 12 00.0
CLL				L	L	20 21 00.0
CLL				AMS	AMS	20 23 00.0
CLL				AMS	AMS	20 24 00.0
CLL				AMS	AMS	20 24 00.0
CLL				AMS	AMS	20 24 00.0
CLL				AMS	AMS	20 24 00.0
KIBK	Kibwezi	143.76	244	IAMS_20	IAMS_20	20 20 07.9
CHVC	Chvalec	143.84	349	AMS	AMS	20 23 50.0
UPC	Uptic	143.93	349	AMS	AMS	20 24 00.0
ATD	Arta Tunnel	143.97	269	IAMS_20	IAMS_20	20 21 41.8
DPC	Dobruska-Polom	144.02	349	ePKiKP	PKiKP	19 20 57.5 +0.6
DPC				MLR	MLR	
DPC	Dobruska-Polom	144.02	349	ePKP	PKiKP	19 20 57.5 +0.6
DPC				AMS	AMS	19 43 58.4
DPC				AMS	AMS	20 24 40.0
OKC	Ostrava-Krasne	144.13	347	AMS	AMS	20 24 50.0
KRLC	Krailky	144.19	348	AMS	AMS	20 23 20.0
MORC	Moravsky Berou	144.74	353	PKiKP	PKPab	19 20 52.1 +0.2
MORC	Moravsky Berou	144.32	347	PKPdf	PKPab	19 20 52.1 +0.2
MORC	Moravsky Berou	144.32	347	ePKP	PKPdf	19 20 54.3 +0.3
MORC				PKiKP	PKiKP	19 21 09.1
PRU	Pruhonic	144.68	350	ePKP	PKiKP	19 21 14.6 +1.6
PRU				ex	x	19 43 46.6
PRU				AMS	AMS	20 25 00.0
NKC	Novy Kostel	144.74	353	ePKiKP	PKPdf	19 20 55.8 +1.2
NKC	Novy Kostel	144.74	353	ePKP	PKPdf	19 20 55.8 +1.2
VRAC	Vranov	144.96	348	ePKP	PKPdf	19 20 56.7 +1.7
VRAC				e	e	19 21 10.7
BMRD	Maredsous	145.05	1	dPKP	PKiKP	19 20 58.2 -0.7
JYVC	Velka Javorina	145.16	346	ePKP	PKPdf	19 20 57.4 +1.9
VYHS	Vyhne	145.22	345	ePKiKP	PKiKP	19 20 59.0 -0.4
VYHS	Vyhne	145.22	345	ePKP	PKiKP	19 20 59.0 -0.4
KRUC	Moravsky	145.24	348	ePKP	PKPdf	19 20 57.3 +1.8
ZVC	Zvikov	145.27	351	ePKP	PKiKP	19 21 02.9 +3.4
ZVC				AMS	AMS	20 25 40.0
GRA1	Grafenberg Arr	145.41	354	IAMS_20	IAMS_20	19 20 54.5 -1.2
GRA1				IAMS_20	IAMS_20	19 20 54.2
GRF	Grafenberg Arr	145.41	354	PKP2	PKPbc	19 20 54.5 -1.2
GRF				MLR	MLR	
GRF	Grafenberg Arr	145.41	354	IAMS_20	IAMS_20	20 29 33.3
PSZ	Piszkesteto	145.47	343	PKP2	PKPbc	19 20 54.0 -2.0
PSZ	Piszkesteto	145.47	343	PKPbc	PKPbc	19 20 54.0 -2.0
MLR	Muntele Rosu	145.50	335	IAMS_20	IAMS_20	20 24 44.5
KHC	Kasperske Hory	145.66	351	PKiKP	PKPdf	19 20 55.0 -1.3
KHC				MLR	MLR	
KHC	Kasperske Hory	145.66	351	ePKP	PKPdf	19 20 56.5 +0.2
KHC				ex	x	19 21 01.6
KHC				ePP	PP	19 24 34.9 +1.9
KHC				ex	x	19 44 15.1
KHC				AMS	AMS	20 24 50.0
KHC	Kasperske Hory	145.66	351	PKPdf	PKPdf	19 20 55.0 -1.3
KHC				IAMS_20	IAMS_20	20 29 00.1
BR131	Keiskin Array S	145.68	321			

29d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRSR, KPT, KOZ, KII, SRDR, SPN, SLC, PNC, SMAR, SWAR, KREER, AVH, KRX, KOK, DALK, GNL, KRMR, KRMR, MTRV, GRG, ASAK, ASAK.

JMA 29:20:03:07.6:0.5,33°N,2°13'E; h257km,3km,MV3.0/25, NEAR HACHUJOJIMA ISLAND

ISC 29:20:03:09.1:0.9,33°19'N,138°72'E,h247km,10km,mb3.0/4, mbmp3.6/8, Error ellipse: s-maj=40.6km s-min=17.3km az=76.0

ISC 29:20:03:09.3:0.9,33°26'N,0°10',138°97'E,0.0h250km,n22, c0.975/24,mb3.1/4,Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JHJ, JMKM, JMKM, TTO4, TTO1, JOD2, ES01, JIE, JYB, JRY, JTNC, JYTA, JAG, MJAR, MAT, MAT, JAW, JAT, USRK, KLRB, KURB, WRA, FINES, TXAR.

ISC 29:20:11:46.9:1.0,32°82'N,98°32'E,h0km,mb3.4/6, mbmp3.4/9,ML3.4/3,MS3.1/2, Error ellipse: s-maj=42.5km s-min=15.9km az=65.0

ISC 29:20:11:51.9:1.0,32°82'N,0°1',98°33'E,0.2,h35km,n9,c0.932/9, mb3.6/6,Sichuan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR, CMAR, CMAR, SONM, SONM, MKAR, MKAR, AAK, KURBB, ZALV, FINES, WRA, ASAR.

NEIC 29:20:17:55.8:1.8,23°55'0.1',179°84'0.1',h519km,6km, mb4.3/58, Error ellipse: s-maj=18.5km s-min=14.6km az=135.0

ISC 29:20:17:56.2:1.7,23°43'S,179°90'W,h529km,17km,mb3.9/9, mbmp4.2/11, Error ellipse: s-maj=21.2km s-min=15.3km az=134.0

ISC 29:20:17:56.2:0.4,23°48'S,0°08',179°86'W,0.0h532km, n106,c0.97/105,mb4.2/35,C, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSVF, MSVF, NIUE, NIUE, PIRC, PIRC, URZ, URZ, MRZ, QRTZ, QRTZ, ARMA, ARMA, INMANKA, INMANKA, AS31, AS31, ASAR, ASAR.

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Table with columns: ASAR, ASAR, WFA, WBO, WBO, WRAB, WRAB, WRA, WRA, FORT, FORT, MTN, MTN, KNRA, KNRA, HMT, HMT, FITZ, FITZ, MORW, MORW, TOLL, TOLL, GSPA, GSPA, GSPA, GSPA, MJAR, MJAR, TPUB, TPUB, KIWB, KIWB, ADK, ADK, JKA, JKA, MAW, MAW, PETK, PETK, KHMM, KHMM, OQ2D, OQ2D, OQ2D, OQ2D, KHMM, KHMM, M02C, M02C, WAKR, WAKR, GSI, GSI, IRM, IRM, IRM, IRM, TPNV, TPNV, O16K, O16K, IL10W, IL10W, BR16K, BR16K, M17K, M17K, SLKM, SLKM, U15A, U15A, L18K, L18K, L18K, L18K, STLK, STLK, L19K, L19K, L19K, L19K, SUA, SUA, SUA, SUA, J18K, J18K, J18K, J18K, MESA, MESA, CAST, CAST, CAST, CAST, TMUT, TMUT, TMUT, TMUT, GLB, GLB, TRF, TRF, TRF, TRF, HVU, HVU, HVU, HVU, MNTX, MNTX, MNTX, MNTX, TX31, TX31, TX31, TX31, TXAR, TXAR, TXAR, TXAR, BSUT, BSUT, BSUT, BSUT, ALQ, ALQ, ALQ, ALQ, Q32M, Q32M, PDAR, PDAR, PDAR, PDAR, KURK, KURK, KURBB, KURBB, BVAR, BVAR, ARCES, ARCES, FINES, FINES, NB2, NB2, NOA, NOA, HFS, HFS, AKASG, AKASG, AKASG, AKASG, AKIB, AKIB, KIEV, KIEV, SUW, SUW, BRTR, BRTR, MMAL, MMAL, EKAR, EKAR, BURAR, BURAR, STEB, STEB, OSTC, OSTC, OSTC, OSTC, DPC, DPC, MOC, MOC, KRCL, KRCL, CLL, CLL, CLL, CLL, BRG, BRG, BRG, BRG.

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Table with columns: HSKC, HSKC, VRAC, VRAC, KRUC, KRUC, KHC, KHC, GERES, GERES, IDC, IDC, NEIC, NEIC, GCMT, GCMT, ISC, ISC.

IDC 29:20:40:04.6:0.7,21°42'N,144°20'E,h0km,mb4.1/19, mbmp4.1/20,MS3.6/51, Error ellipse: s-maj=21.9km s-min=15.0km az=78.0

NEIC 29:20:40:07.2:1.3,21°53'N,0°07',144°22'E,0.1,h10km,1km, mb4.7/108, Error ellipse: s-maj=18.8km s-min=11.6km az=78.0

GCMT 29:20:40:10.2:0.4,21°45'N,0°03',144°15'E,0.0h12km, MM4.8/75, Moment Tensor Solution. s,c9; s75,c95; Duration: 0 Moment Tensor Scale 1016Nm; Mr-1.36e-06; M0-0.56e-06; M0-0.80e-06; M0-0.98e-06; M0-0.74e-04; M0-0.89e-20; Best double couple: Mo1.81200e16 NP1:0.6292,00000; s52,00000,-1-132,00000; NP2: 0.168,00000; s54,00000,-1-49,00000; Principal axes: T 1.4330, P1g1.0000, Azm231.0000; N 0.7560, P1g32.0000, Azm322.0000; P -2.1000, P1g58.0000; Azm139.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

GFZ 29:20:40:19.6:0.3,21°N,4°14'E; h108km,M4.5/25, mb4.5/25,confirmed

ISC 29:20:40:17.0:1.0,21°54'N,0°05',144°26'E,0.0h10km,n216, c131/152,mb4.6/89,MS3.9/48,D,Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JCJ, JCJ, DPSS, DPSS, GUMO, GUMO, GUMO, GUMO, JGF, JGF, JOW, JOW, MJAR, MJAR, MJAR, MJAR, MAJO, MAJO, MAJO, MAJO, ERM, ERM, ERM, ERM, NACB, NACB, KRSR, KRSR, KRSR, KRSR, H11N1, H11N1, H11N2, H11N2, KSAR, KSAR, H11N3, H11N3, YHNB, YHNB, YHNB, YHNB, H11S2, H11S2, H11S1, H11S1, YULB, YULB, YULB, YULB, H11S2, H11S2, TWG, TWG, TWG, TWG, SSSL, SSSL, SSSL, SSSL, TPUB, TPUB, TPUB, TPUB.

ASAJ Asahikawa 22.56 357 LR 20 57 17.1

DAV Davao City (W) 23.08 234 LR 20 52 11.7

USA0B Ussuriysk Arra 24.78 339 P 20 45 28.4 -0.7

USRK Ussuriysk Arr 24.78 339 P 20 45 28.4 -0.4

USRK Ussuriysk Arr 24.78 339 P 20 45 28.4 -0.4

USRK Ussuriysk Arr 24.78 339 P 20 45 28.4 -0.4

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USRK Ussuriysk Arr 24.78 339 P 20 45 28.4 -0.4

USRK Ussuriysk Arr 24.78 339 P 20 45 28.4 -0.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASL Pad, Albuc, TASM, SDCO, PV15, PV20, etc.

ISK 29 22:05:58.3,36.82N,35.96E, h6km, ML2.5/19
AFAD 29 22:05:59.1,36.83N,36.00E, h7km,3km, ML2.6
ISC 29 22:05:58.8,1.1,36.83N,0.02,35.98E,0.02,h7km,10km, n31,0,41/48,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Hatay-Hassa-Ha, TAHT, KARATAS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KHMM, Nari-Kahraman, TASM, SDCO, etc.

NEIC 29 22:57:11.8,1.0,17.92N,0.04,67.09W,0.02,h10km,1km, ML3.4/38,MD3.4/11(RSPR), Error ellipse: s-maj=6.8km s-min=2.8km az=9.0
RSPR 29 22:57:12.2,17.94N,67.07W,h12km,MD3.4/11
OSPL 29 22:57:12.1,0.4,17.96N,67.08W,h14km,1km,ML3.4,

Presumed earthquake
ISC 29 22:57:11.6,1.0,17.94N,0.05,67.07W,0.03,h16km,6km, n33,0,69/49,8C-1D, Mona Passage

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MLPR, Magueyes Islan, CRPR, Cabo Rojo, etc.

ISC 30 00:46:33.0,0.8,2.05S:78.38W,h0km,mb3.6/7, mbmp3.9/11,ML3.9/4, Error ellipse: s-maj=23.4km s-min=13.6km az=77.0
GRSNC 30 00:46:39.2,0.6,2.7S:78.80W, h247km,4km, M4.2, mB4.9, mb4.2,ML3.4,Mw(MB)4.2
NEIC 30 00:46:44.7,2.7,2.48S:0.06:78.6W,0.1,h105km,6km, mb4.2/17, Error ellipse: s-maj=19.5km s-min=8.4km

IGO 30 00:46:44.4,0.3,2.7S:78.79W, h80km,3km, M3.9/30, Mjma4.0/30,Mjma3.7/1,MLV3.8/30,Ms(BB)3.9/13
ISC 30 00:46:42.8,0.6,2.50S:0.03:78.73W,0.04,h98km,6km, n116,1,1540/127,mb3.9/12,2C-10D,Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IGPR, Punta Cana, DR, AZOG, Ecuador-Azog, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BBIL, Ulba Tungrahu, JU6, Ecuador-Guayaq, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GGPT, Toaza - Volcan, JU2, San Juan, SALI, Salinas, etc.

30d 1h

Table with columns for station name, frequency, power, and various status indicators. Includes stations like MUCR Ucria, NOV Novara, CORL Corleone, CRJA Costa Raja, etc.

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Table with columns for station name, frequency, power, and various status indicators. Includes stations like USI Sersale, GIZZ Gizzeria, SERS Sersale, etc.

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Table with columns for station name, frequency, power, and various status indicators. Includes stations like EVR Evrytania, GUR Goura, KPRO Kipourio, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like VRAC Vranov, GRB2 Grafenberg Arr, GRB3 Grafenberg Arr, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like FINES FINES Array B, FIA1 FINES Array S, DBIC Dimbokro, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like WMGZ Pakihiroa, WMGZ Puketiti, WMGZ Raukumara Rang, etc.

Table with columns: UGM FITZ, Wanaagama, Fitzroy Crossi, etc. Includes station names, coordinates, and status indicators.

Table with columns: VANDA, BVAR, AB31, etc. Includes station names, coordinates, and status indicators.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes station names, coordinates, and status indicators.

Table with columns: ILAR, comp, LR, LR, Time, Res, etc. Includes stations like Eielson Array, SML Sawmill, BMAR Burnt Mountain, etc.

DJA 00 02:34:37.0i.0.3, 9'S, 2x12'OE, h52km, 5km, M3, 8/12, MLV3, 8/12

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, etc. Includes stations like WSI Waingapu, BSI Baing, SBI Sumba, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, etc. Includes stations like CTCHA Tamokra, DFRA Djebel Bou Aff, ATKB Takseb, etc.

DC 00 02:40:40.7i.0.8, 38'44N, 39'27E, h0km, mb3.6/6, mbmp3.5/12, ML3, 7/6, MS2, 9/7, Error ellipse: s-maj=15.5km s-min=9.6km az=130

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, etc. Includes stations like ESJ Sivrice-Elazig, ESU Sivrice-Elazig, ESGZ Sivrice-Elazig, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, etc. Includes stations like TOKT Tokat, CHOM Cayelli-Rize, CHOM Kozan, etc.

DC 00 02:42:46.9i.1.7, 35'26N, 14'79W, h0km, mb3.5/3, mbmp3.9/5, ML4.6/2, Error ellipse: s-maj=31.3km s-min=26.8km az=1.0

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, etc. Includes stations like PMPST Porto Santo, M Madeira, PMAZ Madeira, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LIS Lisbon, PMAFR Mafra, PLOUS Minas do Lousa, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PCAS Mina Concepcio, EMIN Mina Concepcio, EMIN comp=N,668nm,SNR=10.0, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ECAB comp=N,423nm,SNR=9.1, CTAN EI Hierro, CCUM Cumbre, El Hie, etc.

Table with columns: JBK, JBK, 9.97 91 P, Pn, 02 45 04.8 -1.6, etc. Includes stations like EPON, EPON, EPON, etc.

KRNET 30 02:55:29.1.0.1, 41.82N-79.42E, h16km, mb2.6
SOME 30 02:55:30.7, 41.83N-79.38E, h5km
NINC 30 02:55:31.8, 41.87N-79.38E, h0km, mb2.8, mpv2.8

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, etc. Includes stations like PRZ, PRZ, PRZ, etc.

Table with columns: DJR, Jarkent, 2.66 6 eP, Pb, 02 56 16.5 0.0, etc. Includes stations like DJR, DJR, DJR, etc.

ISK 30 03:33:54.5, 39.96N-24.34E, h10km, ML3.9/26
IDC 30 03:33:54.5, 0.8, 39.99N-24.27E, h0km, mb3.5/8

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, etc. Includes stations like OUR, OUR, OUR, etc.

Table with columns: EZN, Ezine, 1.55 95 Pn, Pn, 03 34 22.6 -0.4, etc. Includes stations like EZN, EZN, EZN, etc.

30d 4h

Table with columns: YOJ, Location, Value, Unit, Status, Sn, Pn, and other identifiers. Includes entries like 'Yonaguni jima', 'Hualien', 'Emei', etc.

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Table with columns: STYH, Location, Value, Unit, Status, Sn, Pn, and other identifiers. Includes entries like 'Taoyuan', 'Sshu', 'Shullin Townsh', etc.

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Table with columns: NJ2, Location, Value, Unit, Status, Sn, Pn, and other identifiers. Includes entries like 'Hong Kong Po S', 'Guangzhou', 'Taipa Grande', etc.

30d 5h

Table with columns: Code, Station Name, Az, El, AzE, AzM, Res, Time, Res, ISC. Includes stations like Topopah Spring, Pinedale Array, Queen of Sheba, etc.

IDC 30 04:57:34.4e1.2, 57.08N, 7.50E, h0km, mbtmp3.5/6, ML2.8/5, Error ellipse: s-maj=19.0km s-min=10.1km az=139.0

BGR 30 04:57:36.0e0.7, 56.78N, 7.80E, h10km, ML3.5/1.7, Error ellipse: s-maj=8.9km s-min=4.4km az=152.0

DNK 30 04:57:36.7e2.4, 56.83N, 7.82E, h40km, ML3.3, Confirmed Earthquake

BER 30 04:57:36.4e2.7, 56.83N, 7.79E, h15km, ML2.6, ML3.4(DNK), Confirmed Earthquake

UPP 30 04:57:38.8e2.1, 56.97N, 8.26E, h18km, 35km, ML2.6, Confirmed Earthquake

PRU 30 04:57:41.5, 54.61N, 7.38E, h1km

ISC 30 04:57:33.0e1.2, 56.80N, 0.02e7.72E, 0.03, h25km, 12km, n119, e2s3/218, 1D, North Sea

Table with columns: Code, Station Name, Az, El, AzE, AzM, Res, Time, Res, ISC. Includes stations like Monsted U'grmd, Ostervraa, Den, etc.

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Main table with columns: Code, Station Name, Az, El, AzE, AzM, Res, Time, Res, ISC. Includes stations like KMY, KMY, Karmoy, COP, Copenhagen, etc.

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Table with columns: Code, Station Name, Az, El, AzE, AzM, Res, Time, Res, ISC. Includes stations like FLTG, Loecknitz, ASSE, Asse, Remlinge, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like BANG, KAPANG, SPSI, LUWUK, DBNI, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like USRK, WHZ, SONM, CASY, MKAR, etc.

SFS 30 05:26:05.2, 36.81N:4.46W, h54km, ML2.9/18, ML2.8/18, MLV2.8/18
IGIL 30 05:26:06.5, 36.76N:4.42W, h32km, ML2.1
INMG 30 05:26:06.5, 1.8, 36.78N:4.43W, h47km, 8km, ML2.3, Error ellipse: s-maj=3.1km s-min=2.9km az=141.0

CNRM 30 05:26:06.4, 36.64N:4.75W, h74km, ML2.0
MDD 30 05:26:06.4, 0.5, 36.76N:4.42W, h54km, 6km, Mb3.2/21, Error ellipse: s-maj=4.7km s-min=2.6km az=178.0

ISC 30 05:26:04.8, 1.1, 36.78N:0.02, 4.44W, 0.02, h60km, 6km, n81, c1848/155, 16C, Strait of Gibraltar

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like EMAL, EMIJ, EGOR, ELGU, EQUA, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like PAB, PBDV, PBDV, PBDV, PBDV, PBDV, etc.

Table with 5 columns: Code, Station Name, Az, Phase, Res. Rows include PGAV Gaveira, Arco; OUZM OUZ; OUK Oukaimeden.

IDC 30 05:42:26.2-0.7, 2.82S; 67.95E, h0km, mb4.0/20, mtmp4.0/21, ML3.9/1, MS4.2/51, Error ellipse: s-maj=22.2km s-min=16.2km az=53.0

GFZ 30 05:42:28.3-0.2, 3.3S; 4.6E, h10km, M5.3/37, mb4.5/37 GFZ 30 05:42:28.3, 2.85S; 67.93E, h20km, Mw5.1/31, Moment Tensor Solution. Moment tensor: Scale 10^16Nm;

Mn=6.95; Mw=3.38; Mm=3.57; M0=0.78; Mb=0.81; Mr=0.43; Fault plane solution: Ms6.13484x10^16; NP2: 0.139, 31450, 840.75295; 1-97.46073; NP2: 0.315, 96409, 849.29552; 1-92.18643; Principal axes: T 4.3619, Plg4.2731; Azm47.5143; N 2.6647, Plg1.6573; Azm317.3904; P -7.0166, Plg85.4156; Azm206.2382;

NEIC 30 05:42:29.4-1.8, 2.74S; 0.09-6E; 0.1, h10km, 1km, mb4.7/28 Error ellipse: s-maj=19.8km s-min=15.7km az=258.0

GCMT 30 05:42:41.4-0.2, 2.72S; 0.02-68.09E; 0.02, h20km, Mw5.1/124, Moment Tensor Solution. s21, c27; s124, c192; Duration: 0 Moment tensor: Scale 10^16Nm;

Mn=5.95; Mw=3.26; Mm=3.66; Ms=2.28; 15; Mm2.18; 26; Mw=2.06; 08; Mw=0.82; 28; Best double couple: Ms5.98300x10^16 NP1: 0.131, 00000, 834.00000, 1-81.00000; NP2: 0.300, 00000, 856.00000, 1-96.00000; Principal axes: T 5.5570, Plg11.0000; Azm34.0000; N 0.8610, Plg5.0000; Azm303.0000; P -6.4290, Plg78.0000; Azm188.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 30 05:42:28.4-0.4, 2.77S; 0.06-67.99E; 0.07, h11km, n169, r193/126, mb4.5/70, MS4.5/75, Carlsberg Ridge

Main station list table with columns: Code, Station Name, Az, Phase, Res. Includes stations like KAAM Kaadheidhoo, DGAR Diego Garcia, H08S3 Diego Garcia H, etc.

Main station list table with columns: AAK, Iamb, Iamb, etc. Includes stations like AAK Ala-Archa, KKAR Kararay Array, LBTB Lobatse, etc.

Main station list table with columns: DL2, LR, LR, etc. Includes stations like DL2 comp=N,530nm,16.8s, DL2 comp=E,570nm,16.1s, MAW Mawson, etc.

IDC 30 05:52:29.0-1.1, 9.49S; 119.21E, h0km, mb3.8/4, mtmp3.9/9, ML3.7/5, MS4.6/1, Error ellipse: s-maj=29.6km s-min=13.9km az=65.0

DJA 30 05:52:33.4-0.3, 10.2S; 211.9E, h10km, M4.2/13, mb4.5/1, MLV4.0/13

ISC 30 05:52:34.5-1.1, 9.81S; 0.05-119.17E; 0.04, h44km, 15km, n28, c284/33, mb3.6/4, Sumba Region

Station list table for the Sumba region with columns: Code, Station Name, Az, Phase, Res. Includes stations like WSI Waingapu, WSI Baing, Sumba, etc.

Table of astronomical observations for 1593, including columns for object name, coordinates, magnitude, and observation details.

Table of astronomical observations for 2020 SEP, including columns for object name, coordinates, magnitude, and observation details.

Table of astronomical observations for 30d 9h, including columns for object name, coordinates, magnitude, and observation details.

Table with columns: SHLS, Shalkode, Time, Res, Pg, Sg, Pn, Sn. Includes entries for SHLS, SATY, and SATY.

IDC 30 09:17:07.1.3.0.9.37S.119.50E, h0km, mb3.6/1, mbtmp2.3, ML2.1/2, Error ellipse: s-maj=248.5km s-min=29.7km az=50.0

DJA 30 09:17:09.1.0.5.10.5.4.11.9E.1, h10km, M3.5/8, MLV3.5/8

ISC 30 09:17:08.0.1.1.9.88S.0.09.119.07E.0.05, h10km, n15, o#82/16, Sumba region

Main table for IDC 30 09:17:08.0.1.1.9.88S.0.09.119.07E.0.05, h10km, n15, o#82/16, Sumba region. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

ASRS 30 09:40:10.0.0.8.53.92N.86.59E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDC 30 09:40:09.7.3.3.53.84N.86.72E, h0km, mbtmp2.8/2, ML2.6/2, Error ellipse: s-maj=26.5km s-min=19.1km az=86.0, Southwestern Siberia

Main table for IDC 30 09:40:09.7.3.3.53.84N.86.72E, h0km, mbtmp2.8/2, ML2.6/2, Error ellipse: s-maj=26.5km s-min=19.1km az=86.0, Southwestern Siberia. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

ASRS 30 09:54:11.0.0.4.54.39N.86.84E, h0km, M2.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDC 30 09:54:12.5.4.1.54.38N.86.94E, h0km, mbtmp2.9/2, ML2.6/2, Error ellipse: s-maj=36.4km s-min=19.1km az=66.0, Southwestern Siberia

Main table for IDC 30 09:54:12.5.4.1.54.38N.86.94E, h0km, mbtmp2.9/2, ML2.6/2, Error ellipse: s-maj=36.4km s-min=19.1km az=66.0, Southwestern Siberia. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

IDC 30 10:00:34.1.3.1.64.62N.31.28E, h0km, mbtmp2.9/3, ML2.1/3, Error ellipse: s-maj=40.8km s-min=11.2km az=92.0

KOLA 30 10:00:36.0.0.8.64.7N.0.2.30.8E.0.3, h0km, M2.4(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

ISC 30 10:00:33.7.1.2.64.75N.0.06.30.85E.0.09, h0km, n11, o#159/15, Finland-Karelia border region

Main table for IDC 30 10:00:33.7.1.2.64.75N.0.06.30.85E.0.09, h0km, n11, o#159/15, Finland-Karelia border region. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

KRNET 30 10:19:16.6.0.1.39.58N.72.51E, h18km, mb3.3

SOME 30 10:19:18.8.39.58N.72.53E, h10km

NNC 30 10:19:21.4.1.8.39.72N.72.44E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=14.2km s-min=7.3km az=174.0

ISC 30 10:19:16.9.1.1.39.60N.0.05.72.00E.0.03, h10km, n39, o#159/69, 22C-20D, Kyrgyzstan

Main table for ISC 30 10:19:16.9.1.1.39.60N.0.05.72.00E.0.03, h10km, n39, o#159/69, 22C-20D, Kyrgyzstan. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

ASRS 30 10:19:18.8.0.1.39.58N.72.51E, h18km, mb3.3

SOME 30 10:19:18.8.39.58N.72.53E, h10km

ISC 30 10:44:42.8.0.6.55.90N.161.98E, h58km, mb4.1/2, Error ellipse: s-maj=8.9km s-min=4.3km az=72.0

NEIC 30 10:44:45.7.1.2.55.96N.0.03.161.5E.0.2, h65km, 7km, mb4.1/18, Error ellipse: s-maj=12.8km s-min=4.6km az=90.0

IDC 30 10:44:47.5.2.4.55.96N.161.57E, h83km, mb3.5/17, mbtmp3.8/18, MS2.9/7, Error ellipse: s-maj=17.0km s-min=14.6km az=134.0

ISC 30 10:44:42.8.0.6.55.90N.161.98E.0.02.162.00E.0.03, h54km, 9km, mb4.1/2, Error ellipse: s-maj=17.0km s-min=14.6km az=134.0

ISC 30 10:44:42.8.0.6.55.90N.161.98E.0.02.162.00E.0.03, h54km, 9km, mb4.1/2, Error ellipse: s-maj=17.0km s-min=14.6km az=134.0

Main table for ISC 30 10:44:42.8.0.6.55.90N.161.98E.0.02.162.00E.0.03, h54km, 9km, mb4.1/2, Error ellipse: s-maj=17.0km s-min=14.6km az=134.0. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

KRNET 30 10:19:16.6.0.1.39.58N.72.51E, h18km, mb3.3

SOME 30 10:19:18.8.39.58N.72.53E, h10km

Main table for 30 Oct 10h. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes various station codes like KRBC, KBRB, KBRP, etc.

30d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KLR, L16K, J17K, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 30, I37NO, I43RU, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NOU 30, WEL 30, IDC 30, etc.

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Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WPRZ, PRRZ, ALRZ, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OHWZ, DVHZ, PRHZ, etc.

30d 13h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WJS Zhushan, FULB Fuli, CHKT Chengkung, etc.

IDC 30 13:02:03.4-0.9, 8.10N, 127.43E, h0km, mb3.9/8, mbmp3.9/9, ML3.4/1, MS3.2/2, Error ellipse: s-maj=23.0km s-min=17.2km az=91.0

MAN 30 13:02:05.0, 7.84N, 127.31E, h16km, MS4.0, ISC 30 13:02:03.6-2.1, 7.88N, 127.35E, h0km, 0.07, h3km, 12km, n23, r174/35, mb4.0/8, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CDOP Cateel, Bislig, Tandag City, Davao City (W), Waramunga Arr, etc.

SKHL 30 13:05:15.9-0.1, 44.40N, 147.00E, h144km, 6km, mb4.4/2, msh5.2/2

MOS 30 13:05:16.2-1.2, 44.48N, 146.83E, h159km, mb4.0/1, Error ellipse: s-maj=18.0km s-min=16.4km az=49.4

JMA 30 13:05:18.0-0.3, 44.1N, 147.7E, h152km, 2km, MV3.7/35, NEAR ETOROFU ISLAND

IDC 30 13:05:19.6-2.0, 44.45N, 146.60E, h174km, 19km, mb3.0/9, mbmp3.5/11, Error ellipse: s-maj=24.9km s-min=19.0km az=140.0

IDC 30 13:05:16.8-0.8, 44.43N, 146.146E, h150km, 6km, n48, r097/59, mb3.9/2D, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like YUK Yuzh-Kuril'sk, KUR Kuril'sk, etc.

2020 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NMR Rausu, JRA Nausu, JNSB Nemuroshibetsu, etc.

ASAJ comp=E, 0.8nm, 0.7s, baz=349, slow=31, SNR=1.7

ASAJ Asahikawa 3.14 266 P Pn 13 06 06.9 +1.0

JSE Soyas 3.16 281 P Pn 13 06 06.5 +0.3

JCH Churui 3.18 236 P Pn 13 06 06.6 +0.2

JCH JCH 3.18 236 P Pn 13 06 06.6 +0.2

JWK Keihoku 3.70 286 P Pn 13 06 04.7 +1.6

JNK Urakawa-nobuka 7.34 236 P Pn 13 06 13.0 -0.6

YSS Yuzhno-Sakhal 3.88 312 ePN Pn 13 06 15.1 -0.3

YSS YSS pmax pmax

YSS comp=Z, 10.0nm, 0.7s

YSS Yuzhno-Sakhal 3.88 312 ePN Pn 13 06 15.1 -0.3

MJAR Matsushiro Arr 10.31 223 S Pn 13 09 34.9 -0.1

USRK Ussuriysk Arr 10.73 274 Pn 13 07 46.0 -0.3

H1N2 WAKE ISLAND Hy 29.71 140 T T 13 42 22.8

H1N1 WAKE ISLAND Hy 29.72 140 T T 13 42 21.8

H1N3 WAKE ISLAND Hy 29.73 140 T T 13 42 24.2

H1S1 WAKE ISLAND Hy 30.68 141 T T 13 43 30.1

H1S2 WAKE ISLAND Hy 30.70 141 T T 13 43 35.6

ILAR Eielson Array 41.03 37 P P 13 12 46.5 +1.7

ILAR comp=Z, 0.8nm, 0.5s, baz=274, slow=9.0, SNR=1.4

ILAR comp=Z, 0.8nm, 0.5s

MKAR Makanchi Array 44.15 297 P Pn 13 13 09.4 -0.9

MKAR comp=Z, 0.5nm, 0.7s, baz=76, slow=9.1, SNR=1.9

MKAR comp=Z, 0.3nm, 0.7s

KURK Kurchatov 45.03 303 P P 13 13 15.3 -1.9

KURK Kurchatov 45.03 303 eP Pn 13 13 15.3 -1.9

KURB Kurchatov Arr 45.12 303 P Pn 13 13 15.3 -2.5

KURB comp=Z, 0.2nm, 0.6s, baz=70, slow=6.7, SNR=1.6

KURB comp=Z, 0.2nm, 0.6s

FINES FINES Array B 64.21 333 P Pn 13 15 33.6 -1.4

FINES comp=Z, 0.6nm, 0.5s, baz=51, slow=7.6, SNR=4.6

FINES comp=Z, 0.6nm, 0.5s

WRA Warramunga Arr 65.09 193 P Pn 13 15 41.9 +0.7

WRA comp=Z, 0.3nm, 0.7s, baz=7.4, slow=6.5, SNR=1.8

WRA comp=Z, 0.3nm, 0.7s

NVAR Mina Array Bea 67.34 58 P Pn 13 15 55.9 +0.1

NVAR comp=Z, 0.2nm, 0.4s, baz=318, slow=7.0, SNR=3.7

NVAR comp=Z, 0.2nm, 0.4s

ASAR Alice Springs 68.81 193 P Pn 13 16 05.3 +0.6

ASAR comp=Z, 0.4nm, 1.0s, baz=10, slow=6.6, SNR=1.6

ASAR comp=Z, 0.4nm, 1.0s

PDAR Pinedale Array 69.58 50 P Pn 13 16 10.7 +1.0

PDAR comp=Z, 0.4nm, 0.7s, baz=191, slow=0.3, SNR=4.4

PDAR comp=Z, 0.4nm, 0.7s

TXAR Lajitas Array 82.39 56 P Pn 13 17 23.4 +1.1

TXAR comp=Z, 0.3nm, 0.6s, baz=284, slow=3.7, SNR=5.8

TXAR comp=Z, 0.3nm, 0.6s

IDC 30 13:11:32.5-2.5, 17.69S, 178.29W, h642km, 21km, mb2.8/5, mbmp3.8/6, Error ellipse: s-maj=103.4km s-min=20.7km az=152.0

IDC 30 13:11:32.2-1.8, 17.68S, 178.47W, h650km, n6, mbmp3.8/6, mb3.5/5, Fijil Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, WRA Warramunga Arr, ASAR Alice Springs, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PETK 0.6nm, 0.3s, baz=48, slow=11, SNR=34, etc.

SJA 30 13:29:30.2-0.7, 19.48S, 69.36W, h111km, 2km, ML3.7, MV3.8

IDC 30 13:29:31.3-4.5, 19.59S, 69.14W, h114km, 32km, mb3.6/6, mbmp4.0/9, Error ellipse: s-maj=55.3km s-min=22.3km az=32.0

NEIC 30 13:29:31.5-0.8, 19.47S, 0.03, 69.38W, 0.05, h106km, 4km, mb4.5/12, ML3.7(GUC), Error ellipse: s-maj=7.4km s-min=4.2km az=82.0

GUC 30 13:29:32.0-0.8, 19.46S, 69.32W, h102km, 3km, ML3.7

ISC 30 13:29:30.8-0.6, 19.46S, 0.03, 69.32W, 0.05, h109km, 5km, n76, r093/98, mb4.2/6, 3C-1D, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like G001 Chusmiza, G001 Chusmiza, G001 Chusmiza, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like VILB, CPUP, TRCB, ML02, etc.

CATAC 30 13:42:16.8:0.5, 14°N, 3°9'2W, h21km, 3km, M4, 8/19, m5.2/2, mB5.5/4, MLV4.6/19, Mw(m)5.0/4, Error ellipse: s-maj=7.9km s-min=3.9km az=38.3, Moment Tensor Solution: Moment tensor: Scale 10^16Nm, Mw=1.47, Ms=2.28, Mn=3.7, Mw=1.72, Fault plane solution: Ms 4.1457x10^16 Np1=10.62864, 580.77459, 4.51041. NP2=9.90408, 885.54805, 1.170.74643. Principal axes: T 5.242, Plg9.6861. Azm324.9763; N 0.7106, Plg7.7396; Azm164.4293; P -5.7348, Plg3.3523; Azm55.5492; confirmed MEX 30 13:42:17.4:0.8, 14°28'N, 92°08'W, h65km, 1.3km, MD4.3, Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like RTAL, CHJU, PATR, PAVE, HUEH, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MOM2, RCYN, VOIG, YOIG, TOIG, etc.

IDC 30 13:43:54.6:2.1, 12°00'N, 92°99'E, h0km, mb3.9/3, mbmp3.9/4, ML4.1/1, Error ellipse: s-maj=49.1km s-min=24.0km az=82.0 BKK 30 13:44:05.5:0.6, 12°N, 4°9'3E, h10km, M4.1/13, mB4.6/6, mB4.2/11, Mjma3.9/12, ML4.3/13, MLV4.3/12, Mw(m)3.8/6 NDI 30 13:44:06.0:0.3, 12°24'N, 93°69'E, h75km, ML4.1, MW4.3, mb4.4(NEIC), Presumed earthquake NEIC 30 13:44:06.4:1.5, 12°22'N, 0°07'93.71E:0.07, h76km, 6km, mb4.4/24, Error ellipse: s-maj=10.6km s-min=9.1km az=208.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PBA, DBIC, DBIC, QSPA, PDAR, TORD, YKA, etc.

IDC 30 13:47:07.0:0.5, 12°20'N, 0°06'93.62E:0.06, h93km, n47, r=148/46, mb4.4/15, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CMAR, CMAR, CMAR, CMAR, CMAR, etc.

IDC 30 13:45:52.5:4.5, 28°22'S, 177°46'W, h0km, mb3.5/2, mbmp3.5/2, Error ellipse: s-maj=90.0km s-min=27.1km az=91.0, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like RAO, RAO, ASAR, WRA, FINES, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JOF, JOF, VJF, VJF, VJF, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KAF, FIAO, FIAO, FIAO, FIAO, etc.

MOS 30 13:58:42.5:0.8, 38°84'N, 142°15'E, h41km, mb5.0/40, Error ellipse: s-maj=6.6km s-min=4.2km az=110.5 BUI 30 13:58:43.7, 38°68'N, 142°07'E, h57km, mB4.9/7, mB4.8/43, Ms4.3/4, Mst7.4/0.12 JMA 30 13:58:44.0:0.1, 38°8N:0.2:142°2E:0.2, h43km, MD4.6/40, MV4.8/40, E OFF MIYAGI PREF JMA Fell II J1 at E OFF MIYAGI PREF NIED 30 13:58:43.0, 38°78'N, 142°17'E, h43km, MW4.4, Moment Tensor Solution: s3 Moment tensor: Scale 10^15Nm; Mn=3.59, Mw=0.39, Ms=1.40, Ms=1.69; Mw=1.40; Mw=3.42; Fault plane solution: Ms 5.31000x10^15 Np1: q=199.00000, r22.00000, r84.00000. NP2: q=25.00000, r68.00000, r92.00000. NEIC 30 13:58:44.8:1.3, 38°80'N, 0°06:142.14E:1.0, h43km, 5km, mb4.8/89, Error ellipse: s-maj=10.7km s-min=7.8km az=108.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like OFUJ, OFUJ, OFUJ, OFUJ, OFUJ, etc.

IDC 30 13:58:45.4:1.6, 38°76'N, 142°10'E, h53km, 14km, mb4.2/27, mbmp4.5/36, ML4.2/6, MS3.6/55, Error ellipse: s-maj=13.4km s-min=9.9km az=103.0 GFZ 30 13:58:46.6:0.7, 39°N, 6°14'2E:1'0, h56km, 4km, M4.9/21, mb4.9/21

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AS31, ASAR, ASAR, ASAR, ASAR, etc.

2020 SEP

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like 128M Miner Creek, IPM Iphoh, HNR Honiara, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like FINES comp=Z,8.2nm,0.7s, VAGH Vaagahimlen, RAUS Rausandaksta, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like BURAR Bucovina Array, BURAR Bucovina Array, PFO Pinyon Flats O, etc.

30d 13h

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like FETA Feichten, DAVA Damuels, DAVOX Davos Fischmat, etc.

IDC 30 14:11:35.2±1.6, 6.77S; 127.59E; h295km; 19km, mb3.8/2, mbmp4.07, Error ellipse: s-maj=23.9km s-min=13.5km az=79.0

ISC 30 14:11:34.9±0.9, 6.71S; 0.07°127.6E±0.1, h300km, n7, r144/12, Banda Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BATI Baumata, BATI Baiz, SJIJ Sorong, etc.

CATAC 30 14:11:59.4±0.7, 12°N; 3°8'9W; h23km; 6km, M3.8/19, MLV3.8/19, Error ellipse: s-maj=8.9km s-min=3.1km az=48.5, confirmed

IDC 30 14:12:02.1±2.9, 14°60N; 87°37W, h0km, mb3.3/3, mbmp3.4/3, MS3.1/1, Error ellipse: s-maj=168.8km s-min=54.0km az=47.0

SNET 30 14:12:03.0±1.3, 12°16'N; 89°36W, h54km; 16km, ML3.7, Presumed earthquake

GCG 30 14:12:04.4±1.6, 12°72'N; 89°37W, h30km; 16km, MD4.5, Presumed earthquake

ISC 30 14:11:54.2±1.9, 12°23'N; 0°08.89'39W; 0.05, h14km; 11km, n59, r129/72, mb3.4/3, ID, Off coast of central America

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LALI Alcaldia de L, LOMA Loma Larga, SJTE Alcaldia de S, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like WILN Americas 2, NANN Nandamoso, TXAR Lajitas Array, etc.

TRN 30 14:33:48.6, 9°33'N; 58°30'W, h3km, MD4.3, Far South-east of Trinidad.

FUNV 30 14:33:50.5, 9°19'N; 58°44'W, h5km, MW4.6, Presumed earthquake

ISC 30 14:33:54.5±2.9, 9°44'N; 0°09.58'97W; 0.10, h10km, n17, r250/32, North Atlantic Ocean

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TRN Trinidad (W), TRN Trinidad (E), DMDM Guralp CMG5TDE, etc.

NEIC 30 14:35:39.3±1.7, 62°11'S; 0°06.58'04W; 0.06, h5km, 1km, mb4.7/50, Error ellipse: s-maj=9.7km s-min=4.9km az=2.0

IDC 30 14:35:40.9±0.8, 61°99'S; 57.60W, h0km, mb3.9/5, mbmp3.9/6, ML3.4/1, MS3.3/1, Error ellipse: s-maj=25.4km s-min=17.1km az=124.0

ISC 30 14:35:40.4±0.4, 62.03S; 0°05.57'89W; 0.08, h10km, n98, r193/89, mb4.7/28, MS3.2/10, South Shetland Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ESPZ Base Esperanza, PMSA Palmer Station, PMSA Palmer Station, etc.

CATAC 30 14:11:59.4±0.7, 12°N; 3°8'9W; h23km; 6km, M3.8/19, MLV3.8/19, Error ellipse: s-maj=8.9km s-min=3.1km az=48.5, confirmed

IDC 30 14:12:02.1±2.9, 14°60N; 87°37W, h0km, mb3.3/3, mbmp3.4/3, MS3.1/1, Error ellipse: s-maj=168.8km s-min=54.0km az=47.0

SNET 30 14:12:03.0±1.3, 12°16'N; 89°36W, h54km; 16km, ML3.7, Presumed earthquake

GCG 30 14:12:04.4±1.6, 12°72'N; 89°37W, h30km; 16km, MD4.5, Presumed earthquake

ISC 30 14:11:54.2±1.9, 12°23'N; 0°08.89'39W; 0.05, h14km; 11km, n59, r129/72, mb3.4/3, ID, Off coast of central America

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BELA Belgrano 2, COYC Coynahque, VNA3 Neumayer Olymp, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like CPUP Villa Florida, VNSA Vanda, VNSA Vanda, etc.

TRN 30 14:33:48.6, 9°33'N; 58°30'W, h3km, MD4.3, Far South-east of Trinidad.

FUNV 30 14:33:50.5, 9°19'N; 58°44'W, h5km, MW4.6, Presumed earthquake

ISC 30 14:33:54.5±2.9, 9°44'N; 0°09.58'97W; 0.10, h10km, n17, r250/32, North Atlantic Ocean

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MAW Mawson, MAW Mawson, MAW Mawson, etc.

NEIC 30 14:35:39.3±1.7, 62°11'S; 0°06.58'04W; 0.06, h5km, 1km, mb4.7/50, Error ellipse: s-maj=9.7km s-min=4.9km az=2.0

IDC 30 14:35:40.9±0.8, 61°99'S; 57.60W, h0km, mb3.9/5, mbmp3.9/6, ML3.4/1, MS3.3/1, Error ellipse: s-maj=25.4km s-min=17.1km az=124.0

ISC 30 14:35:40.4±0.4, 62.03S; 0°05.57'89W; 0.08, h10km, n98, r193/89, mb4.7/28, MS3.2/10, South Shetland Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ESPZ Base Esperanza, PMSA Palmer Station, PMSA Palmer Station, etc.

CATAC 30 14:11:59.4±0.7, 12°N; 3°8'9W; h23km; 6km, M3.8/19, MLV3.8/19, Error ellipse: s-maj=8.9km s-min=3.1km az=48.5, confirmed

IDC 30 14:12:02.1±2.9, 14°60N; 87°37W, h0km, mb3.3/3, mbmp3.4/3, MS3.1/1, Error ellipse: s-maj=168.8km s-min=54.0km az=47.0

SNET 30 14:12:03.0±1.3, 12°16'N; 89°36W, h54km; 16km, ML3.7, Presumed earthquake

GCG 30 14:12:04.4±1.6, 12°72'N; 89°37W, h30km; 16km, MD4.5, Presumed earthquake

ISC 30 14:11:54.2±1.9, 12°23'N; 0°08.89'39W; 0.05, h14km; 11km, n59, r129/72, mb3.4/3, ID, Off coast of central America

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SAUI Saumlaki, DR3 Darwin Rock St, SOEI Soe, etc.

AZER 30 15:13:23.7, 41°06'N; 44°31'E, h4km, ml1.8, NORS 30 15:13:25.4, 41°50'N; 43°61'E, h18km, MPVA3.5

ISC 30 15:13:22.1±1.5, 41°29'N; 0°05.43'96E; 0.10, h14km, 14km, n7, r190/13, Turkey-Gorgia-Armenia border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like QZX Qazax, AZER Azerbaizhan, IGDIG IGDIG, etc.

Table with 4 columns: LSNR, Lesken, 1.99 357 ePg, Pb, 15 13 59.1 +0.9, LSNR, eSg, Sb, 15 14 23.5 +0.7

IDC 30 15:34:33.5:445.0,53.16N:38.14E,h0km,Error ellipse: s-maj=190.1km s-min=79.9km az=177.0,Baltic States-Belarus-Northwestern Russia

Table with 4 columns: Code, Station Name, A° AZ°, Phase ID, Time Res, ISC, h m s, ISC

MAN 30 15:36:47.0,9.69N:126.44E,h18km,MS2.5,Mindanao

Table with 4 columns: Code, Station Name, A° AZ°, Phase ID, Time Res, ISC, h m s, ISC

IDC 30 15:36:49.6:1.7,1.05S:127.08E,h0km,mb3.1/3, mbtmp3.2/4,ML2.8/1,Error ellipse: s-maj=31.3km s-min=27.5km az=33.0,Halmahera

Table with 4 columns: Code, Station Name, A° AZ°, Phase ID, Time Res, ISC, h m s, ISC

IDC 30 15:52:54.4:1.0,54.46N:164.29E,h0km,mb3.6/8, mbtmp3.6/10,ML3.1/2,MS2.4/1,Error ellipse: s-maj=33.1km s-min=14.7km az=157.0

KRSC 30 15:52:55.0:1.6,54.37N:164.25E,h0km,22km,ML3.7, ISC 30 15:52:54.1:2.0,54.30N:164.26E,0.07,h3km,14km, n52,c156/63,mb3.7/8,Komandorski Islands region

Main table for station 1603 with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, ISC, h m s, ISC

IDC 30 16:50:27.5:3.6,25.27N:123.86E,h148km,43km,mb3.2/7, mbtmp3.7/9,Error ellipse: s-maj=36.0km s-min=20.6km az=67.0, JMA 30 16:50:28.9:0.2,25.12N:123.7E:0.5,h132km,2km,

MV3.6/18,NW OFF ISHIGAKIJIMA IS, ISC 30 16:50:27.4:0.7,25.17N:100.08:123.74E:0.04,h146km,7km, n35,c1508/48,mb3.5/7,Northeast of Taiwan

Main table for station 200 SEP with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, ISC, h m s, ISC

Main table for station 30d 17h with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, ISC, h m s, ISC

IDC 30 17:40:55.8:1.2,14.36N:93.96W,h0km,mb4.1/8, mbtmp4.0/11,ML3.6/3,MS3.6/30,Error ellipse: s-maj=34.0km s-min=14.8km az=36.0, MEX 30 17:40:58.7:0.7,14.36N:94.09W,h16km,22km,MD4.6, Presumed earthquake, NEIC 30 17:40:58.6:1.7,14.56N:0.06:93.92W:0.05,h9km,4km, mb4.4/9,MD4.6/63(MEX),Error ellipse: s-maj=10.2km s-min=6.3km az=208.0, GCG 30 17:40:59.8:0.9,1.5,14.42N:94.02W,h35km,73km,MD5.1, Presumed earthquake, ISC 30 17:40:58.0:3.6,14.50N:0.05:94.06W:0.03,h17km,22km, n206,c280/210,mb4.4/30,MS3.7/28,Off coast of Chiapas

30Dr 18h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like PATR El Naranjo, PAVE Pavencul, CHJUJ Union Juarez, etc.

20 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like NAXT Nacogdoches, TXAR Lajitas Array, TXAR Lajitas Arr. Si, etc.

1604

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BDFB Brasilia, SPT South Point, INK Inuvik, etc.

1605

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Bulukumba, Makassar, Kappang, etc.

2020 SEP

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Sinabang, Aceh, Rantau Pratap, etc.

30d 19h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Tannant Creek, Warramunga Arr, etc.

Technical notes and data for stations BKK, DJA, IDC, NEIC, etc. Includes coordinates, error ellipses, and station identifiers.

30d 19h

2020 SEP

1606

P190.2072", Azm352.1697"; P - 1.0030, P19.4142", Azm82.2427"; GFZ 30.19.35:25.3.0.3, 17.5.4*16.8E; h10km, M5.2/24, mb5.1/24 GCMT 30.19.35:26.9.0.1, 17.015:0.01:167.65E, h12km, MW5.3/152, Moment Tensor Solution. s126.c210; s152.c291; Duration: 1s1 Moment tensor: Scale 1017 Nm; Mn:1.05e-01; M0:0.20e-01; M0:1.25e-01; M0:0.13e-03; M0:0.03e-01; M0:0.15e-03; Best double couple: Mo:1.16900e+10; NP1:0.100000e+00; 842.00000e+00; 1.103.00000e+00; NP2:0.173.00000e+00; 849.00000e+00; 1.79.00000e+00; Principal axes: P:1.0790, P19.0000; Azm34.0000; N:0.1820, P18.0000; Azm180.0000; P:-1.2600, P14.0000; Azm271.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 30.19.35:30.1, 17.025:167.76E, h12km, Moment Tensor Solution. Duration: 2s4 Moment tensor: Scale 1017Nm; Mn:0.93; M0:0.12; M0:1.05; M0:0.54; M0:0.10; M0:0.55; Fault plane solution: Mo:1.26000e+10; NP1: 0.152.67000e+00; 836.27000e+00; 1.48.21000e+00; NP2:0.20.62000e+00; 863.83000e+00; 1.16.06000e+00; Principal axes: P:1.3246, P16.0000; Azm322.0000; N:-0.1342, P123.0000; Azm182.0000; P:1.1304, P15.0000; Azm192.0000; N:0.1820, P18.0000; Azm180.0000; P:-1.2600, P14.0000; Azm271.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 30.19.35:23.7.0.6, 17.065:167.84E, h11km, 3km, n535, r1557/495, mb5.2/169, MS4.7/85, 15C-5D, Vanuatu Islands

comp=Z,52nm,1.1s MTSU Mount Surprise 22.45 264 P P 19 40 22.8 -0.1 comp=Z,52nm,1.1s MTSU Mount Surprise 22.45 264 P P 19 40 22.8 -0.1 MTSU Mount Surprise 22.45 264 P P 19 40 22.8 -0.1 URZ Urewera 22.63 161 LR LR 19 47 32.4 URZ Urewera 22.63 161 P P 19 40 24.7 +0.1 URZ Urewera 22.63 161 P P 19 40 26.5 +2.0 URZ Urewera 22.63 161 P P 19 40 26.6 +2.0 MWV Matawai 22.83 160 P P 19 40 28.9 +2.1 RTZ Ratahuna 22.91 161 P P 19 40 28.8 +1.1 RTZ Ratahuna 22.91 161 P P 19 40 45.9

comp=Z,147nm,1.3s WTVZ West Tongario 22.99 164 P P 19 40 32.7 +4.2 ETVZ East Tongario 23.04 164 P P 19 40 32.8 +3.7 OTVZ Otutere 23.05 164 P P 19 40 32.1 +2.8 SNVZ South Ngauruho 23.07 164 P P 19 40 32.5 +3.1 MTHZ Maungataniwha 23.09 162 P P 19 40 31.5 +2.2 FWVZ Far West T-bar 23.11 185 P P 19 40 32.9 +3.0 WNVZ Wahianoa 23.19 165 P P 19 40 33.5 +2.9 BKZ Black Stump Fm 23.28 163 P P 19 40 31.8 +0.4 BKZ Black Stump Fm 23.28 163 P P 19 40 32.0 +0.6 MKVZ Mowhango 23.31 164 P P 19 40 34.1 +2.4 BHZ Black Hill Sta 23.31 162 P P 19 40 35.0 +1.8 KWHZ Kaweka Forest 23.46 163 P P 19 40 34.8 +1.2 KRHZ Kereru 23.69 163 P P 19 40 37.1 +1.6 QLP Quilpie 23.84 243 P P 19 40 37.2 +0.2

comp=Z,146nm,1.3s QLP Quilpie 23.84 243 P P 19 40 37.5 +0.5 QLP Quilpie 23.84 243 P P 19 40 37.1 +0.1 PNHZ Pukenui 23.90 164 P P 19 40 38.3 +0.8 KAHZ Kaitake 23.97 162 P P 19 40 40.3 +2.1 TSZ Takapari Road 23.97 165 P P 19 40 39.1 +0.9 DVHZ Dandenrirk 24.25 164 P P 19 40 41.3 +0.6 TRZ Takaka Hill 24.29 171 P P 19 40 42.6 +1.5 MKNZ Mangaitaniwha R 24.45 166 P P 19 40 42.5 +0.1 MRZ Mangaitaniwha 24.45 166 P P 19 40 42.4 0.0 YNG Young 24.45 222 P P 19 40 43.6 +0.9

comp=Z,1.6nm,1.5s OGWZ Otago 25.00 167 P P 19 40 43.3 +0.3 CNB Canberra Magne 24.53 219 P P 19 40 44.4 +1.0 CNB Canberra Magne 24.53 219 P P 19 40 43.7 +0.3 MNB Maungataniwha 24.62 171 P P 19 40 44.3 +0.3 BFZ Birch Farm 24.63 165 P P 19 40 45.0 +0.9 BFZ Birch Farm 24.63 165 P P 19 40 45.1 +0.9 HOWZ Holdsworth Sta 24.66 166 P P 19 40 45.5 +0.1 TCW Tory Channel 24.70 168 P P 19 40 45.0 +0.3 CMSA Cobar Meteorol 24.73 230 P P 19 40 45.8 +0.6

comp=Z,53nm,1.4s CMSA Cobar Meteorol 24.73 230 P P 19 40 45.8 +0.6 CMSA Cobar Meteorol 24.73 230 P P 19 40 47.2 +2.0 CAW Cannon Point 24.76 167 P P 19 40 53.6 +8.3 MTHW Mount Morrison 24.90 166 P P 19 40 49.1 +2.5 THZ Tophouse 25.00 171 Iamb Iamb 19 41 01.6 MANU Manus Island 25.06 304 P P 19 40 46.9 -1.4 KHZ Kaitake 25.73 170 P P 19 40 55.1 +1.1

comp=Z,59nm,0.9s INZ Inchbonnie 25.76 174 Iamb Iamb 19 41 12.1 LTZ Lake Taylor 25.91 173 Iamb Iamb 19 41 35.2 RPZ Rata Peaks 26.71 175 LR LR 19 50 55.0 QIS Mount Isa 26.94 258 P P 19 41 05.3 -0.1 QIS Mount Isa 26.94 258 P P 19 41 04.9 -0.4 QIS Mount Isa 26.94 258 P P 19 41 05.5 +0.1

STKA Stephens Creek 27.98 233 P P 19 41 14.6 +0.1 STKA Stephens Creek 27.98 233 P P 19 41 14.8 +0.1 STKA Stephens Creek 27.98 233 P P 19 41 14.6 +0.1 STKA Stephens Creek 27.98 233 P P 19 41 14.8 +0.1 STKA Stephens Creek 27.98 233 P P 19 41 14.6 +0.1 STKA Stephens Creek 27.98 233 P P 19 41 14.8 +0.1

comp=Z,2.2nm,19.0s, baz=59, slow=36 STKA Stephens Creek 27.98 233 P P 19 41 13.5 -1.0 STKA Stephens Creek 27.98 233 P P 19 41 11.1 -3.4 STKA Stephens Creek 27.98 233 P P 19 41 14.8 +0.3 TOO Toolangi 28.36 220 P P 19 41 20.7 +2.8 TOO Toolangi 28.36 220 P P 19 41 18.4 +0.5 ARPS Mount Arapiles 30.22 224 P P 19 41 34.9 +0.6

JAY Jayapura 30.33 296 LR LR 19 53 23.0 KAPJ Kappang 30.60 290 LR LR 19 41 39.3 +0.8 HTT Hallett 30.68 232 P P 19 41 38.3 -0.2 GENI Genyem 30.76 295 P P 19 41 40.7 +1.4 GENI Genyem 30.76 295 P P 19 41 39.7 +0.4 MOO Moorlands 30.84 211 P P 19 41 41.1 +1.4

RAR Rarotonga 30.84 103 LR LR 19 51 30.2 WR8 Warramunga Arr 31.72 260 P P 19 41 46.3 -1.5 WR8 Warramunga Arr 31.72 260 Iamb Iamb 19 41 56.1 WB0 Warramunga Arr 31.82 260 Iamb Iamb 19 41 57.8

WB7 Warramunga Arr 31.84 260 P P 19 41 47.9 -0.9 WC2 Warramunga Arr 31.85 260 P P 19 41 48.1 -0.9 WRAB Tennant Creek 31.86 260 P P 19 41 48.4 -0.6 WRAB Tennant Creek 31.86 260 P P 19 41 48.3 -0.7 WRAB Tennant Creek 31.86 260 P P 19 41 48.3 -0.7 WRAB Tennant Creek 31.86 260 P P 19 41 48.3 -0.7 WRAB Tennant Creek 31.86 260 P P 19 41 48.3 -0.7

AS17 Alice Springs 32.35 253 P P 19 41 51.8 -1.6 AS06 Alice Springs 32.37 253 P P 19 41 52.7 -0.8 AS01 Alice Springs 32.39 253 P P 19 41 53.2 -0.5 AS09 Alice Springs 32.40 253 P P 19 41 52.6 -1.2 AS04 Alice Springs 32.41 253 P P 19 41 52.9 -0.9 AS15 Alice Springs 32.42 253 P P 19 41 53.1 -0.9 AS31 Alice Springs 32.43 253 P P 19 41 53.8 -0.3 AS31 Alice Springs 32.43 253 P P 19 41 52.5 -1.6 AS31 Alice Springs 32.43 253 Iamb Iamb 19 42 02.2 ASAR Alice Springs 32.43 253 P P 19 41 52.5 -1.6

ASAR Alice Springs 32.43 253 P P 19 41 52.5 -1.6 ASAR Alice Springs 32.43 253 P P 19 41 52.5 -1.6 ASAR Alice Springs 32.43 253 P P 19 41 52.5 -1.6 ASAR Alice Springs 32.43 253 P P 19 41 52.5 -1.6 ASAR Alice Springs 32.43 253 P P 19 41 52.5 -1.6 ASAR Alice Springs 32.43 253 P P 19 41 52.5 -1.6 ASAR Alice Springs 32.43 253 P P 19 41 52.5 -1.6 ASAR Alice Springs 32.43 253 P P 19 41 52.5 -1.6

BAKI Biak 34.98 293 P P 19 42 18.0 +1.7 MTN Manton Dam 35.68 272 P P 19 42 21.5 -0.8 KNRA Kunurra 37.48 266 P P 19 42 35.7 -1.9 WRKA Warakura 37.65 251 P P 19 42 37.1 -2.0 WRKA Warakura 37.65 251 P P 19 42 37.7 -1.3

FAKI Fak Fak 37.67 288 P P 19 42 39.3 -0.0 GUMO Guam 37.98 322 LR LR 19 56 31.2 FORT Fort 38.64 242 P P 19 42 47.3 +0.0 SJIJ Sorong 39.42 590 LR LR 20 00 06.1 SWI Sorong 39.43 290 P P 19 42 54.1 0.0 FITZ Fitzroy Crossi 40.18 262 LR LR 19 58 50.7

PPT2 Papeete2 40.59 97 eP S 19 49 06.8 +3.0 PPT2 comp=Z,92nm,25.0s 40.59 97 eP S 19 49 06.8 +3.0 PPT2 comp=Z,566nm,24.8s 40.59 97 eP S 19 49 06.8 +3.0 PPT2 comp=Z,704nm,24.8s 40.59 97 eP S 19 49 06.8 +3.0 PPT2 comp=Z,3um,28.8s 40.59 97 eP S 19 49 06.8 +3.0

PPT Papeete 40.59 97 LR LR 19 56 11.7 NLAI Namlea 42.27 284 P P 19 43 18.8 +1.2 SOEI Soe 42.93 274 P P 19 43 24.6 +1.6 BATI Baumata 43.40 273 LR LR 20 00 10.7 SANI Sanana 43.75 285 P P 19 43 29.9 +0.4 SANI Sanana 43.75 285 P P 19 43 29.9 +0.4 SANI Sanana 43.75 285 P P 19 43 29.9 +0.4

KMBL Kambalda 43.96 242 P P 19 43 30.7 -0.3 KMBL Kambalda 43.96 242 P P 19 43 30.7 -0.3 KMBL Kambalda 43.96 242 P P 19 43 30.7 -0.3 MMRI Maumere 45.16 275 P P 19 43 43.0 +2.2 MBWA Marble Bar 45.51 257 P P 19 43 43.5 -0.1 MBWA Marble Bar 45.51 257 P P 19 43 43.5 -0.1 MBWA Marble Bar 45.51 257 P P 19 43 43.5 -0.1

MBWA Marble Bar 45.51 257 P P 19 43 43.5 -0.1 MBWA Marble Bar 45.51 257 P P 19 43 43.5 -0.1 MBWA Marble Bar 45.51 257 P P 19 43 43.5 -0.1 MBWA Marble Bar 45.51 257 P P 19 43 43.5 -0.1 MBWA Marble Bar 45.51 257 P P 19 43 43.5 -0.1 MBWA Marble Bar 45.51 257 P P 19 43 43.5 -0.1

EDFI Ede, Flores 45.65 274 P P 19 43 50.7 +5.9 BBSI Babelo 45.75 279 P P 19 43 45.7 +0.2 MNI Manado 46.21 289 P P 19 43 51.4 +2.3 MEEK Meekatharra 46.44 249 P P 19 43 50.3 -0.6 MEEK Meekatharra 46.44 249 P P 19 43 49.9 -0.9 MEEK Meekatharra 46.44 249 P P 19 43 50.2 -0.6 MEEK Meekatharra 46.44 249 P P 19 43 50.6 -0.3

KKSI Kolaka, Sulawesi 47.04 280 P P 19 43 56.4 +0.8 KBLR Kellerberrin 47.49 243 P P 19 43 58.6 -0.3 KBLR Kellerberrin 47.49 243 P P 19 43 58.6 -0.3 KBLR Kellerberrin 47.49 243 P P 19 43 58.6 -0.3 KBLR Kellerberrin 47.49 243 P P 19 43 58.6 -0.3 KBLR Kellerberrin 47.49 243 P P 19 43 58.6 -0.3

NWAO Narrogin (SRO) 48.06 241 P P 19 44 02.5 -0.9 NWAO Narrogin (SRO) 48.06 241 P P 19 44 03.3 0.0 NWAO Narrogin (SRO) 48.06 241 LR LR 20 03 42.5 NWAO Narrogin (SRO) 48.06 241 P P 19 44 03.4 0.0 NWAO Narrogin (SRO) 48.06 241 P P 19 44 02.0 -1.4 NWAO Narrogin (SRO) 48.06 241 P P 19 44 02.0 -1.4

DAV Davao City (W) 48.17 296 LR LR 20 03 37.6 APSI Amparna 48.19 285 P P 19 44 05.6 +1.0 BLDU Ballidu 48.30 244 P P 19 44 08.3 +3.1 BLDU Ballidu 48.30 244 P P 19 44 07.7 -0.5 BLDU Ballidu 48.30 244 P P 19 44 05.1 -0.1 KAPI Kappang 48.56 279 LR LR 19 40 03.8

KAPI Kappang 48.56 279 P P 19 44 06.1 -1.3 KAPI Kappang 48.56 279 P P 19 44 06.1 -1.3 KAPI Kappang 48.56 279 P P 19 44 06.1 -1.3 KAPI Kappang 48.56 279 P P 19 44 06.1 -1.3 KAPI Kappang 48.56 279 P P 19 44 06.1 -1.3 KAPI Kappang 48.56 279 P P 19 44 06.1 -1.3

MORW Morawa 48.79 246 P P 19 44 07.9 +0.5 MORW Morawa 48.79 246 P P 19 44 09.2 +0.1 MORW Morawa 48.79 246 P P 19 44 09.4 +0.3 MORW Morawa 48.79 246 Iamb Iamb 19 44 18.6 MORW Morawa 48.79 246 P P 19 44 08.4 -0.6 MORW Morawa 48.79 246 P P 19 44 10.6 +0.3

PLAI Plampang 49.36 273 P P 19 44 12.9 -0.7 PLAI Plampang 49.36 273 P P 19 44 18.1 +4.5 TOLIZ Tolitoli 49.77 287 P P 19 44 14.6 -2.1 TOLIZ Tolitoli 49.77 287 Iamb Iamb 19 44 28.8 TOLIZ Tolitoli 49.77 287 P P 19 44 15.5 -1.2 PCI Palu 49.88 284 P P 19 44 19.5 +2.0

MMSI Mamuju 50.11 281 P P 19 44 19.9 +0.6 OVEH Oceanview Est 50.74 46 P P 19 44 23.3 -0.8 DAH Dandelion 50.95 46 P P 19 44 24.6 -1.3 TAOE Nuku Hiva Isla 51.11 288 eS S 19 51 46.0 -0.5 TAOE Nuku Hiva Isla 51.11 288 eS S 19 51 46.0 -0.5 TAOE Nuku Hiva Isla 51.11 288 eS S 19 51 46.0 -0.5 TAOE Nuku Hiva Isla 51.11 288 eS S 19 51 46.0 -0.5 TAOE Nuku Hiva Isla 51.11 288 eS S 19 51 46.0 -0.5

30d 19h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NVAR, NAD, MOD, BBB, BELC, etc.

2020 SEP

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TNSS, TNSA, TNSB, etc.

1608

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like DAVA, CTI, CTE, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PBAR Barrancos, PVAQ Vaqueiros, PBDV Barrancos-do-Ve, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KBZ Khabaz, ATD Arta Tunnel, OBN Obninsk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ONTNC Ouen Toro, OUENC Ouen Island, N, etc.

ADC 30 19:56:11.7, 1.3, 9.51N, 127.57E, h0km, mb3.5/5, mbmp3.6/6, MS4.0/7, Error ellipse: s-maj=34.6km

MAN 30 19:56:13.0, 9.17N, 127.01E, h1km, MS4.2, ISC 30 19:56:14.3, 1.8, 9.18N, 127.04E, h13km, 10km, n28, r190/36, mb3.8/5, MS4.1/7, Mirdanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TSSP Tandag City, GLSP General Luna, BIPH Bislig, etc.

ADC 30 20:03:00.1, 1.1, 16.85S, 167.71E, h0km, mb4.1/6, mbmp4.2/8, ML4.6/2, MS4.0/1, Error ellipse: s-maj=24.2km

NEIC 30 20:03:02.4, 2.0, 17.01S, 167.8E, 0.1, h10km, 1km, mb4.6/9, Error ellipse: s-maj=19.1km, s-min=9.9km, az=86.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SANVU Saraoutou, MARNC Mare, Loyalty, etc.

ADC 30 20:39:14.9, 0.6, 0.82S, 127.96E, h0km, mb3.9/13, mbmp4.0/17, ML4.0/4, MS3.4/10, Error ellipse: s-maj=12.9km, s-min=10.7km, az=81.0

DJA 30 20:39:18.5, 0.1, 1.1S, 121.8E, h10km, M4.5/32, mb5.0/12, mb4.9/31, MLV4.7/32, Mw(m)4.4/12

NEIC 30 20:39:18.4, 1.3, 0.74S, 104.128, 0.06, h23km, 2km, mb4.4/21, Error ellipse: s-maj=9.3km, s-min=5.5km, az=64.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TNTI Ternate, SANI Sanana, NLAI Namlea, etc.

ASAR Alice Springs 33.35 168 P 20 02 53.9 +1.4

MKAR Makanchi Array 53.30 323 P 20 05 33.3 0.0

KURBB Kurchatov Arra 57.35 326 P 20 06 02.5 +0.3

BVAR Borovoye Array 62.94 326 P 20 06 39.7 -0.9

AKTO Aktyubinsk 69.59 320 LR 20 42 00.0

KIRV Kirv 75.72 328 LR 20 45 15.4

BELG Belogoroye 76.28 322 LR 20 45 54.3

CMAR Chiang Mai Arr 76.25 294 P 20 14 49.8 -1.3

BELA Belgrano 2 84.44 175 P 20 15 34.4 +0.3

NOU 30 20:15:04.3, 17.03S, 167.75E, h4km, MLV4.5/16, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DVP Devils Point, RTV Rentapao, etc.

GTOI Gorontolo 5.25 285 P 20 14 32.2 +1.4

LWUI Luwuk 5.31 267 P 20 14 36.7 -0.2

LWUI Luwuk 5.31 267 P 20 14 36.7 -0.2

LWUI Manokwari, Pap 5.96 92 P 20 14 48.0 +2.2

KDI Kendarri 6.32 240 P 20 14 53.6 +2.9

APSI Ampama 6.43 268 P 20 14 52.5 +0.3

BBSI Bon Marcellino 7.20 341 eP 20 41 03.0 +0.3

Table with columns: Station, Name, Time, Az, El, AzM, ElM, AzR, ElR, AzS, ElS, AzB, ElB, AzC, ElC, AzD, ElD, AzE, ElE, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ.

Table with columns: Code, Station, Name, Time, Az, El, AzM, ElM, AzR, ElR, AzS, ElS, AzB, ElB, AzC, ElC, AzD, ElD, AzE, ElE, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ.

Table with columns: Station, Name, Time, Az, El, AzM, ElM, AzR, ElR, AzS, ElS, AzB, ElB, AzC, ElC, AzD, ElD, AzE, ElE, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ.

1613

2020 SEP

30d 22h

Table with columns for station ID, name, coordinates, elevation, and various performance metrics. Includes stations like Santillana del, Font Roja, Beniarda presa, etc.

30d 22h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like RSL, LPL, EMAL, MALAGA-Limoner, etc.

2020 SEP

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like DYA, WYD, CCA1, MORF, etc.

1614

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like CTI, WACR, MOOSALM, ROSI, etc.

GE2	GERESS Array S	12.17	55	eSn	Pn	22 07 38.3 -1.1
GE2	comp-Z,19nm,0.6s					22 05 25.1 +1.3
GERES	GERESS Array B	12.17	55	Pn	Pn	22 05 22.7 -1.1
GERES	comp-Z,0.3nm,0.3s,baz=251,slow=15,SNR=4=6					22 07 32.6 -6.7
GERES	comp-Z,1.5nm,0.3s,baz=253,slow=28,SNR=10					
GERES	comp-Z,5.6nm,0.5s				AML	
GERES	GERESS Array B	12.17	55	P	Pn	22 05 23.0 -0.9
TANN	Tannenbergsba	12.20	47	P	Pn	22 05 26.8 +2.5
KHC	Kasperske Hory	12.21	54	ePn	Pn	22 05 25.1 +0.7
KHC	comp-Z,29nm,1.2s				eSn	22 07 39.9 -0.4
KHC	Kasperske Hory	12.21	54	P	Pn	22 05 26.8 +2.2
SOKA	Soboth	12.36	66	i Pn	Pn	22 05 28.9 +2.4
SOKA	comp-Z,3.6nm,0.7s,SNR=10				eSn	22 07 46.1 +2.1
ASSE	Asse, Remlinge	12.38	37	P	Pn	22 05 29.1 +2.4
ESK	Eskdalmuir	12.51	356	Pn	Pn	22 05 27.5 -1.0
CKRC	Cesky Krumlov	12.53	56	ePn	Pn	22 05 29.7 +1.0
CKRC	comp-Z,33nm,1.4s				eSn	22 07 45.4 -2.6
EKA	Eskdalmuir Ar	12.53	356	Pn	Pn	22 05 26.9 -1.7
EKA	baz=173,slow=25				Sn	22 07 41.0 -7.0
ZVC	Zvikov	12.71	53	ePn	Pn	22 05 32.2 +1.1
ZVC	comp-Z,29nm,1.2s				eSn	22 07 52.2 -0.2
TIO	Tiouine	12.77	203	S	Pn	22 07 46.8 -7.5
TIO	comp-Z,1.2nm,0.2s				S	22 05 31.6 -0.6
FLTG	Flechtingen	12.78	38	P	Pn	22 05 33.1 +1.1
FLTG	comp-Z,6.8nm,0.7s					
ARSA	Arzberg	12.81	64	Pn	Pn	22 05 33.0 +0.4
ARSA	comp-Z,7.7nm,1.1s				ePn	22 05 34.1 +1.4
ARSA	comp-Z,6.5nm,0.6s				eSn	22 07 52.6 -2.5
ARSA	comp-Z,7.9nm,0.8s					
ARSA	comp-Z,24nm,1.4s				Pn	22 05 34.4 +1.8
SGRT	San Giovanni R	12.82	89	Pn	Pn	22 05 34.4 +1.6
HSKO	Horasveta Kat	12.83	48	P	Pn	22 05 36.7 +3.9
CLL	Collim	12.98	44	P	Pn	22 05 36.0 +1.1
CLL	comp-Z,6.9nm,1.1s				P	22 05 35.8 +0.9
CLL	comp-N,600nm,11.0s				ePn	22 05 36.0 +1.1
CLL	comp-E,600nm,12.2s				ex	22 07 16.0
CLL	comp-Z,600nm,11.1s				eSn	22 07 45.0 -1.4
CLL	comp-Z,0.0nm,5.8s				ex	22 07 59.0
CLL	AMS				eSb	22 08 32.0
CLL	AMS				eSg	22 05 24.0
CLL	AMS				AMS	22 10 00.0
CLL	AMS				AMS	22 10 00.0
CLL	AMS				AMS	22 10 00.0
CLL	AMS				AMS	22 11 00.0
KOGS	Kog	13.14	68	i Pn	Pn	22 05 38.4 +1.4
KOGS	comp-Z,2.2nm,0.6s					22 05 42.4
PRU	Pruhonicice	13.15	52	ePn	Pn	22 05 39.8 +2.6
PRU	comp-Z,7.4nm,0.5s				eSn	22 08 03.3 +0.1
PRU	comp-Z,7.4nm,0.5s					22 05 37.6 +0.4
ABNA	Allensieg Bun	13.17	58	ePn	Pn	22 05 38.4 +1.0
ABNA	comp-Z,1.3nm,0.2s				eSn	22 07 59.7 -3.9
ABNA	comp-Z,25nm,0.5s					
CONA	Conrad Observa	13.21	61	i Pn	Pn	22 05 39.9 +1.8
CONA	comp-Z,6.4nm,0.6s,SNR=9.5				eSn	22 08 00.4 -4.4
BRG	Berggiesshubel	13.24	47	P	Pn	22 05 41.8 +3.3
BRG	comp-Z,2.7nm,0.6s					
BRG	Berggiesshubel	13.24	47	eP	Amp	22 05 38.7 +0.2
BRG	comp-Z,3.4nm,0.8s					22 05 43.3
BRG	Berggiesshubel	13.24	47	P	Amp	22 05 49.4 +1.0
BRG	comp-Z,4.9nm,0.9s					22 05 50.2
BRG	comp-Z,4.9nm,0.9s				S	22 08 07.8 +2.2
BRG	comp-Z,4.9nm,0.9s				Amp	22 08 11.1
WINA	Alland / Wiene	13.39	61	i Pn	Pn	22 05 42.3 +1.8
WINA	comp-Z,7.2nm,0.6s,SNR=5.9				eSn	22 08 06.7 -2.6
PVCC	Panska Ves	13.42	50	P	Pn	22 05 43.6 +2.8
PVCC	comp-Z,2.6nm,0.6s					
TREC	Trest	13.42	56	P	Pn	22 05 43.1 +2.1
TREC	comp-Z,2.0nm,1.8s					
RONA	Rosalia, Austri	13.43	63	i Pn	Pn	22 05 43.2 +2.1
RONA	comp-Z,9.6nm,0.5s,SNR=13				eSn	22 08 09.7 -0.4
BEHE	Becsehely	13.50	68	Pn	Pn	22 05 44.4 +2.4
BSEEG	Bad Segeberg	13.55	31	ePn	Pn	22 05 40.7
BLY	Banja Luka	13.63	76	Pn	Pn	22 05 43.8 0.0
BLY	Banja Luka	13.63	76	P	Pn	22 05 46.6 +2.8
BLY	Banja Luka	13.63	76	P	Pn	22 05 44.8 +1.0
KRUC	Moravsky	13.90	57	ePn	Pn	22 05 47.6 +0.2
KRUC	comp-Z,1.3nm,1.1s					22 08 13.3
KRUC	Moravsky	13.90	57	P	Pn	22 05 48.6 +1.2
CEL	Celeste	14.00	103	Pn	Pn	22 05 50.1 +1.1
VRAC	Vranov	14.10	57	Pn	Pn	22 05 51.7 +1.4
VRAC	comp-Z,0.8nm,0.3s,baz=253,slow=14,SNR=7.6				Sn	22 08 20.6 -5.9
VRAC	comp-Z,1.6nm,0.3s,baz=149,slow=23,SNR=6.6					
VRAC	comp-Z,4.9nm,0.7s				AML	
VRAC	Vranov	14.10	57	ePn	Pn	22 05 50.2 0.0
VRAC	comp-Z,7.3nm,1.4s				e	22 08 21.1
VRAC	Vranov	14.10	57	P	Pn	22 05 51.6 +1.4
VRAC	comp-Z,2.3nm,1.4s					22 05 52.8 +2.5
MPLH	Magyarpolny	14.14	66	P	Pn	22 05 53.4 +2.7
MPLH	comp-Z,1.4nm,0.8s					
UPC	Upice	14.23	51	P	Pn	22 05 55.5 +3.6
UPC	comp-Z,1.5nm,1.3s					
MODS	Modra-Piesok	14.24	61	ePn	Pn	22 05 55.2 +3.1
MODS	Modra-Piesok	14.24	61	eSn	Pn	22 08 25.5 -4.4
MODS	Modra-Piesok	14.24	61	P	Pn	22 05 53.5 +1.4
TIP	Timpagrande	14.27	99	Pn	Pn	22 05 54.9 +2.3
TIP	comp-Z,2.6nm,0.8s					
TIP	Timpagrande	14.27	99	P	Pn	22 05 59.1 -0.8
CHVC	Chvatec	14.29	51	ePn	Pn	22 05 53.9 +1.2
DPC	Dobruska-Polom	14.34	52	ePn	Pn	22 05 55.5 +2.0
DPC	comp-Z,1.3nm,1.1s				eSn	22 08 31.7 -0.6
DPC	Dobruska-Polom	14.34	52	P	Pn	22 05 57.8 -2.8
KRLC	Kralicky	14.50	54	P	Pn	22 05 57.4 +1.7
KRLC	comp-Z,7.6nm,1.0s					
JAVC	Velka Javorina	14.63	59	P	Pn	22 05 58.3 +0.8
JAVC	comp-Z,9.4nm,1.2s					
MORH	Mrgy, Hungar	14.75	70	P	Pn	22 06 01.3 +2.2
MORH	Mrgy, Hungar	14.75	70	P	Pn	22 06 00.6 +1.6
MORC	Moravsky Berou	14.85	56	Pn	Pn	22 06 04.0 0.0
MORC	comp-Z,7.7nm,1.7s				e	22 08 11.1 +0.7
MORC	Moravsky Berou	14.85	56	ePn	Pn	22 06 04.1 0.0
MORC	comp-Z,9.4nm,1.2s					
MORC	Moravsky Berou	14.85	56	P	Pn	22 06 01.0 +0.7
MORC	Moravsky Berou	14.85	56	P	Pn	22 06 04.0 -2.2
STEB	Steborice	15.04	55	ePn	Pn	22 06 02.5 -0.5
STEB	comp-Z,2.1nm,0.8s				eSn	22 08 46.0 -3.3
OKC	Ostrava-Krasne	15.23	56	P	Pn	22 06 08.9 -1.5
OKC	comp-Z,1.7nm,1.4s					
VYHS	Vyhne	15.28	61	eP	Pn	22 06 07.4 +1.3
PDG	Podgorica	15.29	85	Pn	Pn	22 06 07.3 +1.1
PSZ	Piszkesteto	15.85	64	P	Pn	22 06 14.3 -0.2
PSZ	comp-Z,1.7nm,0.9s					
PSZ	Piszkesteto	15.85	64	P	Pn	22 06 14.6 +1.1
PSZ	Piszkesteto	15.85	64	P	Pn	22 06 14.9 +1.1
LANS	Liptovska Anna	15.85	59	eP	P	22 06 16.4 -0.9
KEK	Kerkira	16.32	94	Pn	Pn	22 06 21.0 +1.4

OJC	Ojcow	16.37	56	P	P	22 06 22.0 -1.0
OJC	comp-Z,6.9nm,1.3s					22 06 25.2 +2.2
SNART	Snartemo	16.43	16	i P	Pn	22 06 19.5 -1.3
SNART	comp-Z,1.8nm,1.1s					22 06 12.5 -1.1
NIE	Niedzica	16.44	59	eP	Pn	22 06 15.4 +0.6
HOMB	Homborsud	16.65	19	i P	Pn	22 06 23.5 -0.2
HOMB	comp-Z,16nm,1.3s					
BZS	Buzias	16.79	73	P	Pn	22 09 18.8 -9.5
BZS	comp-Z,1.6nm,1.3s					22 06 27.3 -0.4
BZS	Buzias	16.79	73	P	Pn	22 06 26.9 -0.8
ABAH	Abaujker	16.80	63	P	Pn	22 06 29.1 +1.3
ABAH	comp-Z,1.5nm,1.6s					
FABU	Falkenberg	16.80	28	i P	Pn	22 06 25.5 -0.1
FABU	comp-Z,1.5nm,1.6s					22 06 19.5 -1.2
DEL	Delary	16.81	31	i P	Pn	22 06 27.7 -0.1
DEL	comp-Z,1.6nm,1.3s					22 09 22.9 -9.3
SIRR	Siria	16.84	70	P	Pn	22 06 29.1 +0.8
ONAU	Onsala	16.85	26	i P	Pn	22 06 25.6 -0.6
ONAU	comp-Z,1.5nm,1.6s					22 09 24.2 -9.0
MDVR	Moldovita	16.86	76	i P	Pn	22 06 29.9 +1.4
BOVS	Bovar	16.93	79	P	Pn	22 06 30.4 +1.2
STHS	Stebnicka Huta	17.04	60	eP	Pn	22 06 37.4 +6.8
SURR	Surduc	17.15	72	i P	Pn	22 06 32.1 +0.5
TJOU	Tjoern	17.28	24	i P	Pn	22 06 31.7 0.0
TJOU	comp-Z,1.5nm,1.6s					22 09 33.5 -1.0
HERR	Hercule	17.36	75	i P	Pn	22 06 33.4 +1.2
BLEU	Blekinge	17.45	34	i P	Pn	22 06 35.5 +0.9
BLEU	comp-Z,1.5nm,1.6s					22 09 37.9 -1.0
KOLS	Kolonické sedl	17.59	62	eP	Pn	22 06 39.5 +2.9
KOLS	Kolonické sedl	17.59	62	P	Pn	22 06 39.5 +2.9
DRGR	Dräger	17.60	69	P	Pn	22 06 37.5 +0.7
DRGR	comp-Z,1.1nm,1.1s					22 06 36.9 +0.1
GZR	Gura Zlata	17.60	73	P	Pn	22 06 37.6 +0.8
TRPA	Tarpa	17.63	64	P	Pn	22 06 39.6 +2.6
TRPA	comp-Z,9.4nm,1.1s					
DEV	Deva	17.69	72	P	Pn	22 06 39.1 +1.4
DEV	comp-Z,13nm,1.2s					22 06 38.8 +1.1
MESR	Mesessen	17.79	68	i P	Pn	22 06 40.0 +1.2
MARR	Marisel-Cluj	17.87	69	P	Pn	22 06 39.2 0.0
GRG	Griva	17.89	88	P	Pn	22 06 42.6 +2.7
GRG	comp-Z,2.6nm,0.9s					
STRU	Stroemstad	18.00	22	i P	Pn	22 06 41.0 0.0
STRU	comp-Z,1.3nm,0.8s					22 06 42.7 +0.2
KONO	Kongsberg	18.14	18	P	Pn	22 06 45.2 +1.8
BMR	Baia Mare	18.21	66	P	Pn	22 06 45.2 +1.8
BMR	comp-Z,1.9nm,1.1s					
LOT	Lotru	18.30	73	P	Pn	22 06 46.9 +2.4
LOT	comp-Z,1.9nm,1.1s					22 06 45.9 +1.3
AGG	Agios Georgios	18.40	94	P	Pn	22 06 45.9 +3.9
AGG	comp-Z,6.7nm,1.1s					
ARCR	ARCALLIA	18.74	68	i P	Pn	22 06 51.1 +1.4
ITM	Ithomi	18.80	100	i Amb	I Amb	22 06 50.2 -0.2
ITM	comp-Z,4.1nm,0.8s					22 06 55.0
ITM	Ithomi	18.80	100	Pn	Pn	22 06 52.2 +1.7
ARR	Arges	18.91	73	i P	Pn	22 06 53.1 +1.3
ARR	comp-Z,5.6nm,0.8s					22 06 53.8 +1.9
ARR	Arges	18.91	73	Pn	Pn	22 06 53.8 +1.9
VOIR	Voire	19.20	73	P	Pn	22 06 57.0 +1.7
VOIR	comp-Z,8.1nm,1.1s					22 06 58.1 +2.8
BUR08	Bucovina Ar.	19.36	66	P	Pn	22 06 57.7 -0.5
BURAR	Bucovina Array	19.37	67	P	Pn	22 06 57.1 -0.2
BURAR	comp-Z,1.8nm,1.2s,baz=209,slow=11					22 06 58.0 +0.7
DOCP	Dopce	19.43	72	P	Pn	22 06 58.5 +1.6
NC602	NORSAR Array S	19.56	19	P	Pn	22 06 59.0 -0.4
HFS	Hagfors	19.63	23			

30d 22h

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Op, H, m, s, Res. Includes stations like RDMU Red Mountain, BOSHA Boshof, BOSHA Shillong, etc.

BUJ 30 22:10:42.1, 8.78N, 126.69E, h10km, mB5.2/48, mb5.0/77, MS4.9/78, Ms7.4/876
MOS 30 22:10:44.9, 9.0, 9.14N, 126.53E, h10km, mb5.4/76, MS4.7/15, Error ellipse: s-maj=8.7km s-min=4.1km az=117.1
NEIC 30 22:10:47.2, 1.4, 9.23N, 0.06, 126.70E, 0.08, h10km, 1km, mb5.2/135, Mw5.1/19, Error ellipse: s-maj=12.9km s-min=10.7km az=101.0
GFZ 30 22:10:48.0, 9.32N, 126.72E, h21km, Mw5.1/79, Moment Tensor Solution. Moment tensors: Scale 1019Nm; Mn0.28; Mw0.28; Ms0.33; Me1.52; Mb0.60; Mr-0.22; Fault plane solution: Ms4.1458, 1016 NP2, 20.8, 30574, 844.99246, 1.109.68710, Principal axes: T = 6.4307, Plg76.1145, Azm1.3412; N = -0.0324, Plg13.7792; Azm174.1060; P = -6.3983, Plg1.6821, Azm264.5186; GFZ 30 22:10:48.7, 0.2, 9.12N, 126.72E, h10km, Ms, 0.43, mb5.2/43
DJA 30 22:10:50.6, 0.4, 10.1N, 126.7E, h38km, 4km, Ms, 1.1/109, mb5.1/109, mB5.6/71, MLV5.9/4, Mw(mB)5.0/71, Mw(mB)5.0/10, Mw(mB)5.3/10
MAN 30 22:10:50.0, 9.23N, 126.59E, h15km, MS5.3
MAN INTENSITY IV - 62A Y42A SURIGAO DEL SUR
GOMT 30 22:10:52.0, 0.1, 9.14N, 0.01, 126.77E, 0.01, h21km, MW5.3/131, Moment Tensor Solution. s11, c165; s131, c224; Duration: f11 Moment tensor: Scale 1017 Nm; Mn: 0.74; 0.2; Mw: 0.10; 0.1; Ms: 0.84; 0.1; Mr: 0.05; 0.2; Mb: 0.11; 0.1; Me: 0.62; 0.3; Best double couple: M1.01400, 1017 NP1, 165.00000, 827.00000, 1.760000; NP2, 165.00000, 864.00000, 87.00000; Principal axes: T 0.9640, Plg70.0000; Azm286.0000; N 0.1000, Plg6.0000; Azm178.0000; P -1.0640, Plg19.0000; Azm86.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
IDC 30 22:10:53.2, 1.7, 9.10N, 126.55E, h62km, 15km, mb4.6/33, mbmp4.8/38, MS4.4/70 Error ellipse: s-maj=17.7km s-min=9.2km az=77.0
ISC 30 22:10:48.6, 0.5, 9.18N, 0.02, 126.73E, 0.10, h22km, 3km, h23km; p-P, n778, c1919/801, mb5.1/214, MS4.5/105, 27C-3D, Mindanao

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Op, H, m, s, Res. Includes stations like TSSP Tandag City, GLSP General Luna, BIPH Bislig, etc.

2020 SEP

Main table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Op, H, m, s, Res. Includes stations like CADP Masbate, JMWJ San Jose, IBAB Ubayay, etc.

1616

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Op, H, m, s, Res. Includes stations like DBNI Kabupaten Domp, BATI Baumata, DPSS Saipan, etc.

1617

Table with columns for flight codes (e.g., KSRS, TIA, PSI), destinations (e.g., Marbale Bar, TengChong, Baijiatatau), and flight details (times, status, etc.).

2020 SEP

Table with columns for flight codes (e.g., MBWA, TNCH, TIY), destinations (e.g., Marbale Bar, TengChong, Baijiatatau), and flight details (times, status, etc.).

30d 22h

Table with columns for flight codes (e.g., USRK, MDJ, BRDH), destinations (e.g., Mudanjiang, Bariadhala, BinXian), and flight details (times, status, etc.).

30d 22h

Table with columns: HILR, Hailar Array B, 40.67 353, P, P, 22 18 28.0 +0.8, etc. Lists various astronomical observations with coordinates and parameters.

2020 SEP

Table with columns: HYB, KNGR, Kungurtug, Tuv, 47.83 335, eScS, ScS, 22 29 15.9 +0.2, etc. Lists astronomical observations with coordinates and parameters.

1618

Table with columns: BOOM, Boomskeoye usch, 55.37 316, P, pmax, pmax, 22 20 20.4 -0.9, etc. Lists astronomical observations with coordinates and parameters.

1621

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NWLT, OWD, SX11, TW1, Yuli, YHNB, etc.

IDC 30 22:43:29.5±2.8, 6.10S, 147.83E, h0km, mb3.6/3, mbtmp3.6/5, ML3.7/1, MS3.8/1, Error ellipse: s-maj=76.5km s-min=18.9km az=92.0, Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMG, WRA, ASAR, RAO, USRK, CMAR.

IDC 30 22:54:13.0±1.4, 42.81N, 174.3W, h0km, mbtmp3.4/4, ML3.3/4, Error ellipse: s-maj=23.6km s-min=12.2km az=125.0

INMG 30 22:54:14.6±1.6, 42.87N, 174.6W, h12km, 2km, ML3.2, Error ellipse: s-maj=2.0km s-min=1.8km az=59.0, #DIST_RANGE: REGIONAL #PMA_REGION: Pireneus (ESP)

LDG 30 22:54:14.4±0.1, 42.86N, 174.5W, h2km, Md3.3/1, M3.6/16, Error ellipse: s-maj=1.6km s-min=1.2km az=127.0

MDD 30 22:54:14.1±0.1, 42.83N, 174.9W, h0km, mb, LQ3.4/91, Error ellipse: s-maj=0.9km s-min=0.7km az=170.0

SFS 30 22:54:17.2±0.4, 42.79N, 174.6W, h23km, mb4.0/12, ML3.6/24, ML3.9/24, MLv4.0/18

ISC 30 22:54:13.5±0.7, 42.84N, 150.02W, h0.01, h15km, 5km, n161, 193/366, 1C, Pyrenees

Main station list for 1621 with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EARA, EORO, Ste Jean, EALK, ECHI, ESAC, etc.

2020 SEP

Main station list for 2020 SEP with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MTLF, UCM, Universidad Co, Guadarrama, La Jonquera, Chera, Les Rejaudoux, Islas Columbre, Cofrentes, Val, Sonseca Array, etc.

30d 22h

Main station list for 30d 22h with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ELOB, ELOB, Zarzadilla de, Cabril, La Murta, Gavielra, Arco, Manteigas, Quesada, Adamuz, Viseu, Saint Gilles, Mazaricos, Saint Saultge, Gorrion, Lormes, Badajoz, Casmilo, Conde, La Foliniere, Sierra Gorda, Estremoz, Los Guajares, Montbardon, Barrancos, Bardonecchia, Montargil, Saint Aubin, Arraiolos.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PARRA, MINA CONCEPCIO, SO BENTO, MALAGA-LIMONER, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HORTA DE SAN J, CELADAS (TERUE), POBLET, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CERRAJO, LA FRESTALE, BOIS D'AGLAND, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Palomar, Dos Picos City, Cerro Bola, etc.

PAS 30 23:15:24.5:1.4, 33:048N:0.006:115:588W:0.007, h3km, 1km, Error ellipse: s-maj=1.0km s-min=0.9km az=214.0

NEIC 30 23:15:24.4:1.2, 33:040N:0.004:115:60W:0.01, h5km:1km, ML2.8/7(PAS), Error ellipse: s-maj=2.4km s-min=1.5km az=91.0, Southern California

Main station list for the first section, including Westmorland, Obsidian Butte, Imperial, Sam W. Stewart, Elmore Ranch, etc.

NEIC 30 23:15:30.8:0.8, 33:046N:0.009:115:610W:0.009, h6km, 1km, ML3.3/30, Mw3.5/4(PAS), Error ellipse: s-maj=1.4km s-min=1.0km az=164.0

PAS 30 23:15:30.9:1.0, 33:048N:0.007:115:597W:0.010, h3km, 2km, Error ellipse: s-maj=1.2km s-min=1.0km az=72.0

IDC 30 23:15:35.3:1.8, 33:28N:115:80W, h0km, mbtm3.2/3, ML4.1/3, Error ellipse: s-maj=21.8km s-min=1.1km az=23.0

ISC 30 23:15:31.4:0.9, 33:04N:0.02:115:61W:0.02, h9km, 6km, n56, r191/69, Southern California

Main station list for the second section, including Westmorland, Imperial, Sam W. Stewart, Elmore Ranch, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Pinyon Flats, Borrego Mounta, Yuhua Desert, etc.

MDD 30 23:23:11.8:0.3, 42:82N:153W, h1km, mb_Lg1.7/12, Error ellipse: s-maj=2.7km s-min=1.9km az=7.0, Pyrenees

Main station list for the third section, including Aranguren, Alkurruntz, Chisagues Biel, etc.

MDD 30 23:23:38.2:0.3, 42:85N:150W, h1km, mb_Lg1.6/9, Error ellipse: s-maj=2.7km s-min=1.9km az=8.0, Pyrenees

Main station list for the fourth section, including Aranguren, Alkurruntz, Chisagues Biel, etc.

NEIC 30 23:31:51.2:1.5, 33:06N:0.006:115:626W:0.007, h3km, 2km, mb4.3/2, ML4.1/42, Mw4.2/146, Mw4.4/4(PAS), Error ellipse: s-maj=1.1km s-min=0.8km az=130.0

NEIC 30 23:31:51.8:1.2, 33:053N:0.008:115:596W:0.009, h5km, 2km, Error ellipse: s-maj=1.2km s-min=1.0km az=201.0

IDC 30 23:31:52.3:1.7, 33:13N:115:64W, h0km, mbtm3.4/5, ML3.7/4, Error ellipse: s-maj=18.7km s-min=9.7km az=29.0

ISC 30 23:31:51.9:0.7, 33:06N:0.02:115:63W:0.02, h15km, 5km, n115, r190/135, Southern California

Main station list for the fifth section, including Westmorland, Imperial, Sam W. Stewart, Elmore Ranch, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Borrego Mounta, Yuhua Desert, Cottonwood Mou, etc.

MDD 30 23:23:11.8:0.3, 42:82N:153W, h1km, mb_Lg1.7/12, Error ellipse: s-maj=2.7km s-min=1.9km az=7.0, Pyrenees

Main station list for the sixth section, including Aranguren, Alkurruntz, Chisagues Biel, etc.

MDD 30 23:23:38.2:0.3, 42:85N:150W, h1km, mb_Lg1.6/9, Error ellipse: s-maj=2.7km s-min=1.9km az=8.0, Pyrenees

Main station list for the seventh section, including Aranguren, Alkurruntz, Chisagues Biel, etc.

NEIC 30 23:31:51.2:1.5, 33:06N:0.006:115:626W:0.007, h3km, 2km, mb4.3/2, ML4.1/42, Mw4.2/146, Mw4.4/4(PAS), Error ellipse: s-maj=1.1km s-min=0.8km az=130.0

NEIC 30 23:31:51.8:1.2, 33:053N:0.008:115:596W:0.009, h5km, 2km, Error ellipse: s-maj=1.2km s-min=1.0km az=201.0

IDC 30 23:31:52.3:1.7, 33:13N:115:64W, h0km, mbtm3.4/5, ML3.7/4, Error ellipse: s-maj=18.7km s-min=9.7km az=29.0

ISC 30 23:31:51.9:0.7, 33:06N:0.02:115:63W:0.02, h15km, 5km, n115, r190/135, Southern California

Main station list for the eighth section, including Westmorland, Imperial, Sam W. Stewart, Elmore Ranch, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like EOEES, SMRF, MAHO, HYF, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PSBE, La Plagne, EMIN, EMAL, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like EKA, OUZM, OUK, HFS, etc.

PAS 30 23:39:29.7:0.8 33:056N:0:008:115:584W:0:010, h3km,2km, Error ellipse: s-maj=1.2km s-min=1.1km az=224.0

NEIC 30 23:39:29.6:0.9 33:053N:0:007:115:612W:0:004, h5km,1km,ML2.5/10,ML2.4/6(PAS), Error ellipse: s-maj=2.3km s-min=1.3km az=171.0, Southern California

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Lists various stations like OBB, IMPE, etc.

LDG 30 23:51:30.2:0.2 42:82N:1:58W, h2km, Md2.5/1, ML2.7/1, Error ellipse: s-maj=3.2km s-min=2.1km az=54.0

MDD 30 23:51:32.1:0.2 42:85N:1:47W, h1km, mb_Lg2.0/38, Error ellipse: s-maj=1.9km s-min=1.2km az=2.0

ISC 30 23:51:31.0:1.0 42:85N:0:03:151W:0:03, h7km,8km,n13, c080/29, 1D, Pyrenees

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Lists stations like EARA, SJP, etc.

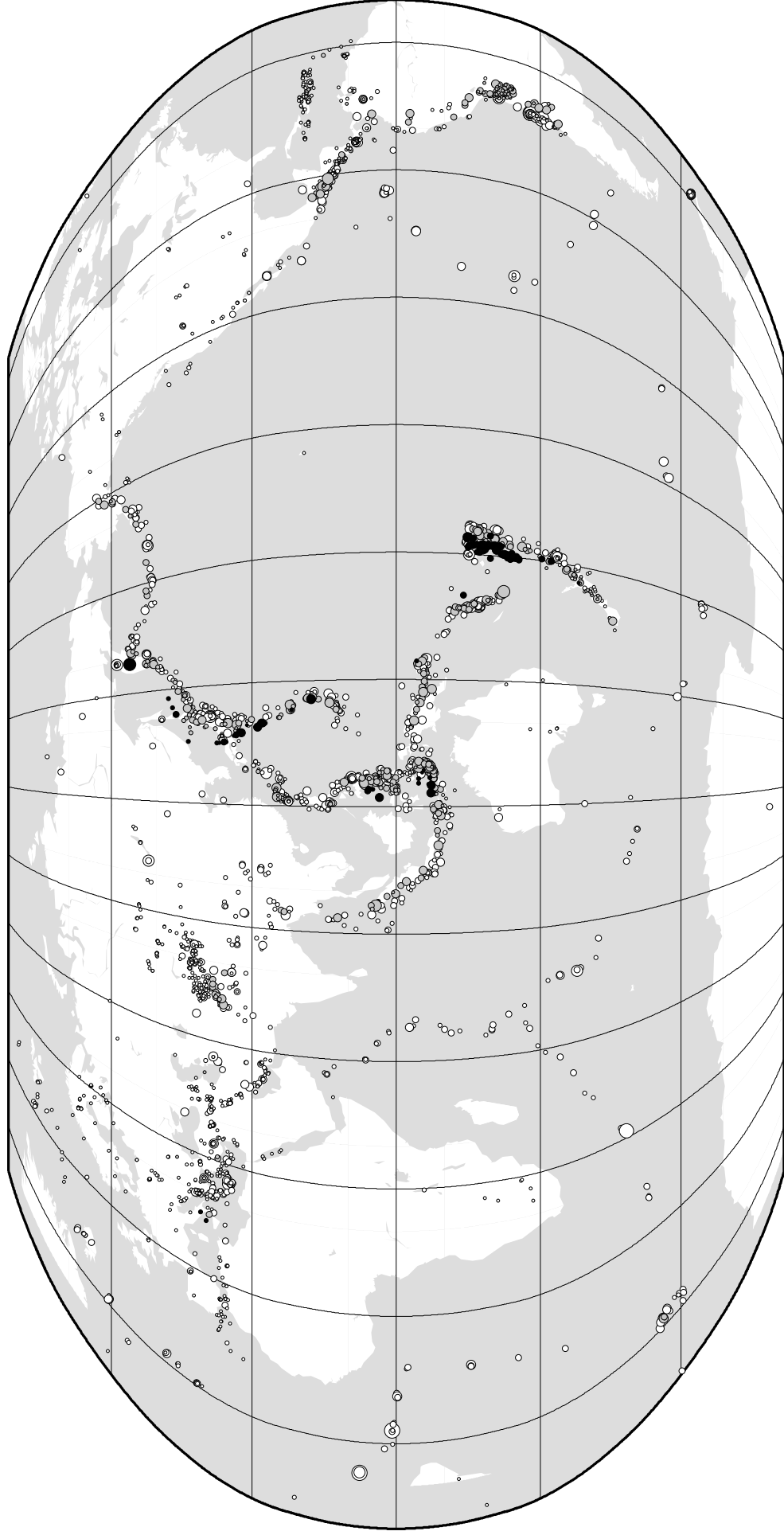
MDD 30 23:56:24.2:0.3 42:82N:1:52W, h5km,4km, mb_Lg1.6/11, Error ellipse: s-maj=2.7km s-min=2.1km az=10.0, Pyrenees

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Lists stations like EARA, EAL, etc.

Error ellipse: s-maj=1.6km s-min=1.3km az=173.0
 NEIC 30 23:58:01.8-1.3,33.040N-0.010,-115.60W,0.01,
 h10km,1km,ML3.4/34,Mvr3.7/4(PAS),Error ellipse:
 s-maj=2.8km s-min=1.8km az=45.0,Southern California

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
WEMD	Westmorland, C	0.01	97	Op	ISC	
WEMD					23 58 03.2	-0.3
SWSC	Sam W. Stewart	0.20	241	Pg	23 58 05.2	+0.4
SWSC					23 58 06.4	+0.5
ERRC	Elmore Ranch	0.21	292	Pg	23 58 09.6	+0.8
ERRC					23 58 07.2	+1.1
SUP	Superstition M	0.21	246	Pg	23 58 11.3	+2.3
SUP					23 58 06.6	+0.5
COK2	Cook Ranch 2	0.22	211	Pg	23 58 10.0	+0.9
WIS	Wister	0.24	1	Pg	23 58 07.5	+1.1
WIS					23 58 07.1	+0.5
DREC	Desert Rsrch C	0.27	152	Pb	23 58 11.8	+1.9
WESC	Westside Schoo	0.30	202	Pb	23 58 08.6	0.0
WESC					23 58 08.8	-0.5
SLVP	Salvation Pass	0.32	51	Sb	23 58 14.1	-0.3
SLVP					23 58 08.1	0.0
5271	Bombay Beach	0.33	340	Pg	23 58 12.8	+0.4
5271					23 58 09.5	-0.4
BOMB	Bombay Beach	0.34	341	Sb	23 58 15.3	+0.1
BOMB					23 58 09.4	-0.6
CRR	Carrizo Plain	0.35	244	Pg	23 58 15.2	-0.3
CRR					23 58 09.2	+0.5
FRK	Frink	0.36	354	Sb	23 58 14.8	-0.9
SGL	Mount Signal	0.40	196	Pg	23 58 14.6	+0.7
SALN	Salton City	0.41	306	Pg	23 58 10.2	+0.5
SALN					23 58 14.1	-1.1
SALN	comp=N,8μm,0.3s			IAML	23 58 17.1	
SALN	comp=E,8μm,0.5s			IAML	23 58 19.4	
COA	Coachella	0.43	114	Sb	23 58 18.2	+0.1
YUH	Yuha Desert	0.48	215	Pg	23 58 11.4	+0.2
YUH					23 58 18.3	+0.9
YUH	comp=N,2μm,0.5s			IAML	23 58 19.8	
BRGC	Borrego Mounta	0.50	285	Pg	23 58 11.9	+0.3
BRGC					23 58 19.5	-0.6
RUN	Ruthven	0.52	97	Pg	23 58 12.1	+0.1
IKP	In-Ko-Pah, Jac	0.58	228	Sb	23 58 22.0	-0.5
EMSC	East Mesa	0.59	120	Pg	23 58 13.7	+0.3
EMSC					23 58 23.0	+0.3
BC3	Big Chuckawall	0.62	11	Pg	23 58 13.9	-0.1
BC3					23 58 22.4	+0.1
BC3	comp=N,1μm,0.4s			IAML	23 58 30.4	
BC3	comp=E,2μm,0.8s			IAML	23 58 31.3	
CPBX	Cerro Prieto	0.67	158	Pg	23 58 14.7	0.0
CPBX					23 58 21.0	-2.4
CTW	Cottonwood Mou	0.68	340	Sg	23 58 24.2	+0.4
BORC	Borrego Spring	0.73	289	Pg	23 58 15.5	-0.4
BORC					23 58 24.7	-0.6
PESCX	Ej. Pescaderos	0.81	138	Pg	23 58 16.8	-0.5
PESCX					23 58 29.0	+0.2
JUEM	Julian Eagle M	0.84	273	Sb	23 58 29.7	-0.3
PMD	Palm Desert	0.89	313	Pg	23 58 18.1	-0.9
PMD					23 58 29.6	-1.0
PMD	comp=N,1μm,0.6s			IAML	23 58 31.0	
MATG	Mataguay Scout	0.90	281	Sg	23 58 30.6	-0.2
PFO	Pinyon Flats O	0.92	309	Pg	23 58 18.8	0.8
PFO					23 58 30.8	-0.8
PFO	comp=N,642nm,0.8s			IAML	23 58 32.4	
BAR	Barrett	0.97	249	Pg	23 58 19.8	-0.8
BAR					23 58 32.5	-0.8
BAR	comp=E,2μm,0.2s			IAML	23 58 34.1	
DNR	Dunn Ranch,Anz	1.01	302	Pg	23 58 20.1	-1.2
DNR					23 58 34.2	-0.3
DNR	comp=N,2μm,0.4s			IAML	23 58 42.1	
BELC	Belle Mtn. Jos	1.02	341	Pg	23 58 20.2	-1.2
BELC					23 58 33.2	-1.4
BELC	comp=E,550nm,0.5s			IAML	23 58 43.6	
ESJX	Sierra Juarez	1.07	196	Pg	23 58 21.6	-0.9
ESJX					23 58 35.9	-0.5
ESJX	comp=E,1μm,0.5s			IAML	23 58 37.3	
ESJX	comp=N,631nm,0.6s			IAML	23 58 44.1	
EW2	E Wide Canyon	1.13	323	Pb	23 58 21.8	-1.6
DPP	Dos Picos Cty	1.13	268	Pg	23 58 22.0	-1.5
DPP					23 58 36.5	-1.7
DPP	comp=N,1μm,0.4s			IAML	23 58 38.8	
DPP	comp=E,1μm,0.2s			IAML	23 58 40.1	
BLYC	Blythe	1.14	51	Pb	23 58 23.4	-0.3
BLYC					23 58 38.3	-0.2
CBX	Cerro Bola	1.16	231	Pg	23 58 22.9	-1.1
CBX					23 58 38.3	-0.8
IRM	Iron Mountain	1.18	19	Pg	23 58 23.3	-1.0
IRM					23 58 38.7	-0.9
IRM	comp=E,797nm,0.5s			IAML	23 58 41.8	
IRM	comp=N,654nm,0.7s			IAML	23 58 47.3	
TJX	Tijuana	1.34	247	Pn	23 58 25.4	-1.2
CCX	Cicese	1.48	218	Pn	23 58 28.0	-0.5
113A	Mohawk Valley	1.56	99	Pn	23 58 28.5	-1.1
ELS	Elsinore Mount	1.65	292	Pn	23 58 30.7	-0.2
PIX	Pinacate	2.33	129	Pn	23 58 38.6	-1.7
CCCA	Chr Cany lake	2.88	330	Pn	23 58 46.3	-1.5
QSM	Queen of Sheba	3.10	341	Pn	23 58 48.5	-2.3
CWC	Cottonwood Cre	3.95	300	Pn	23 59 01.3	-1.5
VES	Vestal, Richgr	4.01	315	Pn	23 59 03.3	0.0
TUC	Tucson	4.12	99	Pn	23 59 03.3	-1.6
TUC					00 00 20.4	
TUC	comp=N,39nm,1.2s			IAML	00 00 24.3	
TUC	comp=N,27nm,1.1s			IAML	00 00 24.3	
GRAC	Grapevine Rang	4.21	340	Pn	23 59 05.5	-0.6
LCMT	Little Creek M	4.41	25	Pn	23 59 08.8	-0.2
GMN	Gold Mountain	4.46	343	Pn	23 59 09.0	-0.8
S11A	Rachel	4.60	358	Pn	23 59 12.3	+0.8
CCUT	Cedar City	4.86	21	Pn	23 59 13.1	-1.7
X18A	Snowflake	4.93	71	Pn	23 59 15.7	-0.5
SZCU	Shurtz Canyon	4.99	24	Pn	23 59 16.9	0.0
PKCU	Pink Cliffs	5.15	31	Pn	23 59 18.2	-1.1
HIMU	Henry Mountain	6.29	38	Pn	23 59 34.9	0.0
121A	Cookes Peak, D	6.60	92	Pn	23 59 38.6	+0.4
Y22A	Socorro	7.26	81	Pn	23 59 48.1	-0.1
PV22	Blue Mesa, Par	7.79	43	Pn	23 59 54.9	-0.5
TX31	Lajitas Ar. Si	10.86	107	Pn	00 00 36.5	-1.0
TXAR	Lajitas Array	10.86	107	Pn	00 00 36.7	-0.8

ISC Computed Locations for September 2020



Robinson Projection, centred on 0°N,130°E

