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**All data, including phase data, are available on CD-ROM
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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

NEIC 01 18:45:41.7±1.7, 2170S, 17955W, 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, 2176S, 17970W, h627km, 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 18:45:43.1-2.7, 223S-02, 1796W-03, h613km, 42km, n22, s1515/21, mb4.4/9, 1C, South of Fiji Islands

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time	Res
					h m s	ISC
HBZ	Hicks Bay	15.41	186	eP	18 48 53.1	-1.7
URZ	Urewera	16.21	189	P	18 49 01.5	-0.9
MRZ	Mangatainoka R	18.81	192	eP	18 49 26.7	0.0
DIW	D'Urville Isla	19.30	195	eP	18 49 27.3	-3.9
CAW	Cannon Point	19.34	192	eP	18 49 31.7	+0.1
OTW	Orongorongo Tu	19.52	192	eP	18 49 33.0	-0.2
MCW	Moikau	19.61	192	eP	18 49 35.5	+1.5
THZ	Tophouse	20.46	196	eP	18 49 42.0	+0.2
KHZ	Kahutara	20.93	194	P	18 49 46.2	+0.2
ARMA	Armidale	27.03	246	eP	18 50 42.4	+2.3
CTA	Charters Tower	31.93	267	\hat{I}/P	18 51 22.3	+0.4
STKA	Stephens Creek	35.75	246	eP	18 51 55.3	+1.8
ASAR	Alice Springs	42.74	259	P	18 52 50.1	+0.3
ASAR				S	18 58 31.3	-0.1
ASPA	Alice Springs	42.74	259	eP	18 52 50.1	+0.2
WRA	Warramunga Arr	42.96	264	P	18 52 51.0	-0.7
WRA				S	18 58 33.0	-1.5
KAKA	Kakadu	46.64	273	eP	18 53 18.2	-1.8
FITZ	Fitzroy Crossi	51.39	264	eP	18 53 54.3	-0.7
MBWA	Marble Bar	56.08	259	eP	18 54 27.1	-0.7
CMAR	Chiang Mai Arr	89.35	290	P	18 57 38.1	+1.0
ARCES	ARCESS Array B	130.36	349	PKP	19 03 43.7	-0.5
FINES	FINESS Array B	137.02	342	PKP	19 03 57.3	+0.5
MLR	Muntele Rosu	148.85	324	PKPbc	19 04 22.7	+5.2

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.

ISCJB 01 00:00:03.0-0.2, 5048N, 001:731E-002, h2km, 2km, Error ellipse: s-maj=2.2km s-min=2.1km az=127.9
 BGR 01 00:00:05.9-0.2, 5053N, 727E, h5km, ML2.2/5, Error ellipse: s-maj=3.3km s-min=2.2km az=132.0
 CSEM 01 00:00:06.2-0.1, 5051N, 721E, h4km, ML2.9/13, Error ellipse: s-maj=1.4km s-min=1.0km az=80.0
 UCC 01 00:00:06.7-0.9, 5048N, 716E, h13km, 3km, ML2.2
 BNS 01 00:00:06.2-1.1, 5052N, 723E, h3km, ML2.0
 LDG 01 00:00:06.1-0.1, 5051N, 723E, h4km, Md2.1, ML2.9/16, Error ellipse: s-maj=1.2km s-min=0.7km az=82.0
 NEIC 01 00:00:06.1, 5051N, 723E, h4km, ML2.9(LDG), After LDG. STR 01 00:00:11.1, 5024N, 732E, h10km, 1km, ML2.4, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0
 ISC 01 00:00:05.0-0.2, 5050N, 001:724E-002, h12km, 2km, n92, 1507/179, 11C-1D, Germany

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
STB	Steinbach	0.27	291f	Op	00 00 11.4	+0.7
STB	336nm, 0.5s			eSg	00 00 14.7	+0.2
BGG	Burgzeit	0.30	168f	eP	00 00 16.8	+1.6
BGG	100nm, 0.2s			eSg	00 00 16.8	+1.5
HILG	Hillesheim	0.41	240f	eP	00 00 14.3	+1.0
HILG	153nm, 0.4s			eSg	00 00 19.7	+0.9
BNS	Bensberg	0.47	355	eP	00 00 14.8	+0.6
BNS	491nm, 0.2s			eSg	00 00 20.5	0.0
HOBB	Hobbusch	0.49	7f	eP	00 00 15.1	+0.5
HOBB	182nm, 0.1s			eSg	00 00 20.8	-0.3
KLL	Kallitaspierre	0.61	284f	eP	00 00 17.1	+0.2
KLL	54nm, 0.6s			eSg	00 00 26.2	+1.2
DREG	Dreilaegerbach	0.66	285	eP	00 00 18.5	+0.6
DREG	101nm, 0.3s			eSg	00 00 27.8	+1.1
MEM	Membach	0.80	278	↑P	00 00 20.6	+0.2
MEM				S	00 00 29.9	-0.9
RUP	Ruppelstein	0.81	188	eP	00 00 21.6	+1.0
RUP	SNR=4.2			Pg	00 00 21.6	+1.0
RUP				Sg	00 00 32.5	+1.3
TNS	Taunus Mts	0.82	109	eP	00 00 21.9	+1.1
TNS	SNR=26			eSg	00 00 31.4	-0.2
TNS	SNR=3.4			Sg	00 00 31.4	-0.2
TNS	Taunus Mts	0.82	109	Pg	00 00 21.9	+1.0
TNS	SNR=26			Sg	00 00 31.4	-0.2
LAUG	Laupendahl	0.87	348f	eP	00 00 22.6	+0.7
LAUG	11nm, 0.1s, baz=90			eSg	00 00 34.2	+0.9
HGN	Heimansgroeve	0.88	288	eP	00 00 22.2	+0.3
HGN	11nm, 0.1s, baz=90			eSg	00 00 32.6	-0.8
RODG	Roetgen-Dahlhe	0.93	314	eP	00 00 24.2	+1.2
BUG	Bochum-Univer	0.94	1	eP	00 00 23.6	+0.4
BUG	SNR=5.9			eSg	00 00 35.8	+0.3
BEBN	Eben Emael	1.04	287	↑P	00 00 25.4	+0.6
BEBN				S	00 00 36.6	-1.9
WLF	Walferdange	1.09	220	eP	00 00 26.3	+0.3
WLF	SNR=12			eSg	00 00 39.9	-0.3
WLF	Walferdange	1.09	220	↑P	00 00 26.1	+0.4
WLF				S	00 00 39.9	0.0
BCLA	Clavier	1.09	220	P	00 00 26.1	+0.4
BCLA	SNR=7.4			↑P	00 00 29.2	+1.1
BCLA				Sb	00 00 43.5	-0.8
BCLA	Clavier	1.24	267	P	00 00 29.1	+1.0
TOD	Tromm	1.35	131	Pg	00 00 31.2	+0.3
WTSB	Winterswijk	1.50	349	eP	00 00 33.2	-0.6
WTSB	comp=E, 5.7nm, 0.3s			eSg	00 00 51.6	-1.6
LANF	Langenberg	1.56	166	Pg	00 00 34.6	-0.4
LANF	comp=E, 5.7nm, 0.3s			Sg	00 00 53.1	-2.2
LANF	Langenberg	1.56	166	eP	00 00 34.5	+2.0
GIVF	Givet	1.60	257	eP	00 00 34.8	+1.8
GIVF	SNR=2.6			Pn	00 00 35.4	-0.3
GIVF				Sg	00 00 53.5	-0.1
GIVF	Givet	1.60	257	eP	00 00 33.4	+0.4
GIVF	comp=E, 6.5nm, 0.3s			eSg	00 00 55.3	-0.3
GIVF				Sb	00 00 53.5	-0.1
GIVF	Givet	1.60	257	eP	00 00 34.8	+1.8
GIVF	SNR=2.6			Pn	00 00 35.4	-0.3
GIVF				Sg	00 00 53.5	-0.1
DOU	Dourbes	1.74	258	↑P	00 00 36.0	+1.0
DOU	SNR=3.9			Sb	00 00 56.6	-0.5
DOU	Dourbes	1.74	258	P	00 00 36.0	+1.0
UBBA	Unterbreizbach	1.79	79	eP	00 00 38.4	-0.8
UBBA	SNR=4.5			eSg	00 01 01.1	-1.4
IBBN	Ibbenburen	1.84	10	eP	00 00 39.5	-0.8
IBBN	SNR=4.4			eSg	00 01 02.9	-1.3
BAIF	Baives	1.89	271	↑P	00 00 38.6	+1.6
BAIF	SNR=6.1			eSg	00 01 02.8	-0.5
BAIF	Baives	2.00	258	eP	00 00 39.0	+0.5
BAIF	SNR=3.3			Pn	00 00 42.8	-0.5
BAIF				Sg	00 01 02.8	-0.5
BAIF	Baives	2.00	258	eP	00 00 39.0	+0.5
BAIF	SNR=3.3			Pn	00 00 42.8	-0.5
BAIF				Sg	00 01 02.8	-0.5
GTGG	Gvtingen	2.01	58	eP	00 00 43.5	-0.2
GTGG	SNR=3.9			eSg	00 00 41.2	+1.5
CDF	Champ du Feu	2.09	179	eP	00 01 05.1	-0.5
CDF	SNR=1.0			eSg	00 01 12.6	+0.5
CDF	Champ du Feu	2.09	179	eP	00 01 05.1	-0.5
CDF	SNR=1.0			eSg	00 01 12.6	+0.5
WLS	Welschbruch	2.09	178	eP	00 00 41.5	+1.7
WLS	SNR=1.0			eSg	00 00 41.6	+1.9
WLS	Welschbruch	2.09	178	Pn	00 00 41.7	+0.5
RFYF	Reyfo	2.20	212	eP	00 01 15.8	+0.2
RFYF	SNR=1.3			eSg	00 00 41.7	+0.5
RFYF	Reyfo	2.20	212	eP	00 01 15.8	+0.2
RFYF	SNR=1.3			eSg	00 00 41.7	+0.5
BFO	Black Forest	2.28	161	eP	00 00 44.4	+2.0
BFO	SNR=2.6			eSg	00 01 10.7	+0.2
ECH	Echery	2.29	181	Pn	00 00 43.7	+1.2
ECH	SNR=2.1			Sg	00 01 17.4	-1.1
ECH	Echery	2.29	181	eP	00 00 44.3	+1.9
LIBD	Limburg	2.36	174	eP	00 00 44.2	+0.7
LIBD	SNR=1.3			eSg	00 00 43.6	-0.2
CLZ	Clausthal	2.39	54	eP	00 00 49.6	-1.2
CLZ	SNR=1.8			eSg	00 01 20.9	-0.8
CLZ	Clausthal	2.39	54	eP	00 00 41.5	+1.7
CLZ	SNR=1.8			eSg	00 00 41.6	+1.9
THEF	They Montfort	2.42	200	eP	00 00 51.2	-0.1
THEF	SNR=2.1			Pn	00 00 47.1	+2.8
THEF	They Montfort	2.42	200	Pn	00 00 47.1	+2.8
MEZF	Maizieres J'vi	2.46	216	eP	00 00 51.5	-0.6
MEZF	SNR=2.9			eSg	00 00 51.5	-0.6
MEZF	Maizieres J'vi	2.46	216	eP	00 00 51.5	-0.6
MEZF	SNR=2.9			eSg	00 00 51.5	-0.6

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
MEZF	Maizieres J'vi	2.46	216	eP	00 01 13.8	-0.9
MEZF	comp=N, 4.6nm, 0.2s			eSg	00 01 23.6	-0.3
MEZF	Maizieres J'vi	2.46	216	eP	00 00 45.9	+1.1
MEZF	SNR=2.9			Pn	00 01 51.8	-0.6
MEZF				eSg	00 01 13.8	-0.9
MEZF				Pg	00 01 23.6	-0.3
MEZF	Maizieres J'vi	2.46	216	eP	00 00 51.5	-0.6
MEZF	SNR=2.9			Pn	00 01 13.8	-0.9
MEZF				eSg	00 01 23.6	-0.3
HAU	Haudompre	2.56	194	eP	00 00 47.1	+0.8
HAU	SNR=1.0			Pn	00 01 16.2	-1.1
HAU				Sg	00 01 26.9	-0.5
MOF	Molkenrain	2.65	182	eP	00 00 49.4	+1.8
MOF	SNR=2.9			Pn	00 00 49.4	+1.8
FELD	Feldberg im Sc	2.67	169	eP	00 00 56.3	-0.4
FELD	SNR=2.1			Pn	00 01 19.7	-0.9
HINF	Hinterfeld	2.70	186	eP	00 00 56.3	-0.4
HINF	SNR=2.1			Pn	00 01 19.7	-0.9
HINF	Hinterfeld	2.70	186	eP	00 00 56.3	-0.4
HINF	SNR=2.1			Pn	00 01 19.7	-0.9
SFTF	Sextfontaines	2.71	213	eP	00 00 48.9	+0.6
SFTF	SNR=2.1			Pn	00 00 56.3	-0.6
SFTF	Sextfontaines	2.71	213	eP	00 01 31.6	-0.5
SFTF	SNR=2.1			Pn	00 00 48.9	+0.6
SFTF	Sextfontaines	2.71	213	eP	00 00 48.9	+0.6
SFTF	SNR=2.1			Pn	00 00 56.3	-0.6
SFTF	Sextfontaines	2.71	213	eP	00 00 48.9	+0.6
SFTF	SNR=2.1			Pn	00 00 56.3	-0.6
SFTF	Sextfontaines	2.71	213	eP	00 01 31.6	-0.5
SFTF	SNR=2.1			Pn	00 00 48.9	+0.6
SFTF	Sextfontaines	2.71	213	eP	00 00 48.9	+0.6
SFTF	SNR=2.1			Pn	00 00 56.3	-0.6
SFTF	Sextfontaines	2.71	213	eP	00 01 31.6	-0.5
SFTF	SNR=2.1			Pn	00 00 48.9	+0.6
SFTF	Sextfontaines	2.71	213	eP	00 00 48.9	+0.6
SFTF	SNR=2.1			Pn	00 00 56.3	-0.6
SFTF	Sextfontaines	2.71	213	eP	00 01 31.6	-0.5
SFTF	SNR=2.1			Pn	00 00 48.9	+0.6
SFTF	Sextfontaines	2.71	213	eP	00 00 48.9	+0.6
SFTF	SNR=2.1			Pn	00 00 56.3	-0.6
SFTF	Sextfontaines	2.71	213	eP	00 01 31.6	-0.5
SFTF	SNR=2.1			Pn	00 00 48.9	+0.6
SFTF	Sextfontaines	2.71	213	eP	00 00 48.9	+0.6
SFTF	SNR=2.1			Pn	00 00 56.3	-0.6
SFTF	Sextfontaines	2.71	213	eP	00 01 31.6	-0.5
SFTF	SNR=2.1			Pn	00 00 48.9	+0.6
SFTF	Sextfontaines	2.71	213	eP	00 00 48.9	+0.6
SFTF	SNR=2.1			Pn	00 00 56.3	-0.6
SFTF	Sextfontaines	2.71	213	eP	00 01 31.6	-0.5
SFTF	SNR=2.1			Pn	00 00 48.9	+0.6
SFTF	Sextfontaines	2.71	213	eP	00 00 48.9	+0.6
SFTF	SNR=2.1			Pn	00 00 56.3	-0.6
SFTF	Sextfontaines	2.71	213	eP	00 01 31.6	-0.5
SFTF	SNR=2.1			Pn	00 00 48.9	+0.6
SFTF	Sextfontaines	2.71	213	eP	00 00 48.9	+0.6
SFTF	SNR=2.1			Pn	00 00 56.3	-

1d 0h

Table with columns for station name, frequency, power, and signal strength. Includes stations like WMOK, DPC, VRI, MRC, CLL, etc.

2006 OCT

Table with columns for station name, frequency, power, and signal strength. Includes stations like MOA, PVL, PVI, JMB, ARSA, etc.

4

Table with columns for station name, frequency, power, and signal strength. Includes stations like LOR, LOR, LOR, LOR, etc.

1d 1h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like YAKUMO 2, SHIMAM, SHIRIUCHI, SHIURA 2, KAYABA.

ISCJB 01 00:35:38.5-5.4, 464N-02:1537E, h0km, mb3.9/12, Error ellipse: s-maj=37.0km s-min=15.2km az=82.9

IDC 01 00:35:39.1-1.6, 4641N:15367E, h0km, mb3.9/11, mb1 4.0/12, mb1mx3.9/22, mbtmp3.9/12, ML3.6/1, Error ellipse: s-maj=42.5km s-min=25.8km az=105.0

NEIC 01 00:35:41.1-1.4, 4658N:15381E, h10km, mb4.6/2, Error ellipse: s-maj=36.3km s-min=16.1km az=119.0

MOS 01 00:35:43.4-1.5, 4664N:15354E, h33km, mb4.3/9, Error ellipse: s-maj=20.9km s-min=13.6km az=89.9

ISC 01 00:35:42.8-4.4, 4631N:15376E, h26km, mb2.8km, n33, -0.84/32, mb3.9/12, 2C-1D, Kuril Islands

Main table for Kuril Islands section, listing stations like Severo-Kuril's, Asahikawa, Matsuhiro Arr, etc.

KRSC 01 00:51:04, 5057N-1577E, h5km, ML3.8, Kuril Islands

Table for Kuril Islands section, listing stations like RUSKAYA, GORELEY, PETROPAPLOVSK, etc.

IDC 01 00:58:33.7-2.6, 4637N-15376E, h0km, mb3.8/4, mb1 3.8/5, mb1mx3.6/21, mbtmp3.8/5, ML3.1/1, Error ellipse: s-maj=67.1km s-min=41.0km az=167.0, Kuril Islands

Table for Kuril Islands section, listing stations like ASAHIKAWA, MAKANCHI ARRAY, FINES ARRAY B, etc.

IDC 01 01:21:8.12.0, 071N-9683E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.5/20, mbtmp3.7/4, Error ellipse: s-maj=583.7km s-min=25.6km az=55.0

ISCJB 01 01:21:26.5-2.5, 101N:010-973E, h0km, mb3.8/23km, mb3.6/5, Error ellipse: s-maj=30.4km s-min=15.9km az=178.9

NEIC 01 01:21:7.0-0.9, 099N-9736E, h30km, mb4.2/1, Error ellipse: s-maj=25.0km s-min=13.3km az=91.0

ISC 01 01:21:29.2-1.8, 101N:009-973E, h24km, mb1.8km, n11, -0.84/11, mb3.6/5, Northern Sumatara

Table for Northern Sumatara section, listing stations like KULIM, COCO, WARRAMUNGA ARR.

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Table for WARRAMUNGA ARR, ALICE SPRINGS, ALICE SPRINGS, MAKANCHI ARRAY, MAKANCHI ARRAY, STEPHENS CREEK, ZALESOVO, MAWSON.

NIED 01 01:28:00, 4640N-15360E, h11km, Mw4.4 Best double couple: M4-73000-1019, NP1.8, 69.00000, 883.00000, 1.102.00000, NP2.6, 189.00000, 814.00000, 1.3000000

IDC 01 01:28:19.9-0.6, 4636N:15315E, h0km, mb4.3/17, mb1 4.4/18, mb1mx4.3/23, mbtmp4.2/18, ML3.8/1, MS3.9/9, Ms1 9.0/9, ms1mx3.5/11, Error ellipse: s-maj=17.5km s-min=17.1km az=144.0

ISCJB 01 01:28:20.0-1.6, 4632N-006:15335E, h15km, 11km, mb4.6/69, MS4.0/12, Error ellipse: s-maj=11.9km s-min=6.6km az=107.6

BUI 01 01:28:19.8, 4656N:15389E, h32km, mb4.5, mb4.4, Ms4.3, Mw4.0

NEIC 01 01:28:21.5-0.3, 4632N:15336E, h10km, mb4.7/34, Error ellipse: s-maj=8.6km s-min=5.9km az=133.0

JMA 01 01:28:21.7-0.8, 4645N:15356E, h30km, M4.7

MOS 01 01:28:23.9-1.2, 4630N:15328E, h38km, mb4.8/40, Error ellipse: s-maj=9.2km s-min=5.6km az=108.0

SZGRF 01 01:28:29.0, 4635N:15198E, h33km, mb4.8, Kuril Islands, Russia

ISC 01 01:28:24.3-1.6, 4638N-006:15334E, h26km, mb1.1km, h29km, mb3.9km, p-P, n238, 0118/237, mb4.6/69, MS4.0/12, 15C-20D, Kuril Islands

Main table for Kuril Islands section, listing stations like Kuril'sk, Severo-Kuril's, Nemuro 2, Rausu, etc.

UGL kamp=Z,510m,0.7s

UGL comp=N,400nm,16.0s

UGL comp=E,550nm,16.0s

UGL comp=Z,500nm,16.0s

JFR Furan 8.29 251 P Pn 01 30 25.5 +2.7

JAB Ashibetsu 8.39 254 P Pn 01 30 26.4 +2.2

JEM Erimo 8.52 243 P Pn 01 30 26.5 +0.6

ERM Erimo 8.52 243 ePn Pn 01 30 26.1 +0.2

ERM comp=Z,58nm,0.9s

JB72 Birator 2 8.62 249 P Pn 01 30 27.6 +0.3

JNB Urakawa-nobuka 8.62 245 P Pn 01 30 25.9 -1.4

JEW Eniwa 9.19 252 P Pn 01 30 36.8 +1.5

JNB Norobibetsu 9.63 250 P Pn 01 30 41.3 +0.2

JKB Kayabe 9.92 247 P Pn 01 30 43.9 -1.2

JSH Shimam 10.21 253 P Pn 01 30 50.2 +1.2

JYM Yakumo 2 10.23 250 P Pn 01 30 49.2 -0.2

JANG Nango 10.49 239 P Pn 01 30 48.7 -4.2

JANG comp=Z,2.0nm,0.3s

JSR Shiriuchi 10.50 247 P Pn 01 30 51.3 -1.8

JTM Tenmabayashi 10.51 242 P Pn 01 30 50.8 -2.4

Table for SANY, HIA, BILL, BILL, BILL, BOD, BOD, BJT, BJT, BJT, BJT.

SAIJIU comp=Z,4.0nm,0.9s,mb4.0

SONM comp=Z,200nm,15.0s,MS3.7

SONM comp=Z,182nm,18.8s,MS3.8, baz=167, slow=39

SONM comp=Z,1.0nm,0.6s

ZAK comp=Z,183nm,18.8s

GUM comp=Z,2.0nm,1.3s,mb3.9

GUM comp=Z,7.0nm,1.7s,mb4.3

GUM comp=Z,778nm,1.7s

LZH comp=Z,2.25nm,1.2s,mb4.8

LZH comp=Z,25nm,1.2s,mb4.8

LZH comp=Z,2.0nm,0.6s

LZH comp=Z,2.25nm,1.2s,mb4.8

LZH comp=Z,2.0nm,0.6s

LZH comp=Z,2.3nm,0.5s,mb3.9, baz=52, slow=8.9, SNR=5.6

LZH comp=Z,1.0nm,0.5s

LZH comp=Z,2.1nm,0.8s,mb4.2, baz=27, slow=6.3, SNR=9.7

LZH comp=Z,2.0nm,0.8s

LZH comp=Z,2.3nm,0.6s,mb4.3, baz=32, slow=3.8, SNR=8.2

LZH comp=Z,2.0nm,0.6s

LZH comp=Z,2.0nm,0.3s

LZH comp=Z,1.0nm,0.7s,mb3.9

LZH comp=Z,2.0nm,0.8s

LZH comp=Z,2.0nm,0.8s

LZH comp=Z,2.0nm,0.8s

LZH comp=Z,2.0nm,0.8s

LZH comp=Z,2.0nm,0.8s

LZH comp=Z,2.0nm,0.8s

LZH comp=Z,2.0nm,0.8s

LZH comp=Z,2.0nm,0.8s

LZH comp=Z,2.0nm,0.8s

LZH comp=Z,2.0nm,0.8s

LZH comp=Z,2.0nm,0.8s

LZH comp=Z,2.0nm,0.8s

LZH comp=Z,2.0nm,0.8s

LZH comp=Z,2.0nm,0.8s

LZH comp=Z,2.0nm,0.8s

LZH comp=Z,2.0nm,0.8s

LZH comp=Z,2.0nm,0.8s

LZH comp=Z,2.0nm,0.8s

LZH comp=Z,2.0nm,0.8s

LZH comp=Z,2.0nm,0.8s

LZH comp=Z,2.0nm,0.8s

LZH comp=Z,2.0nm,0.8s

LZH comp=Z,2.0nm,0.8s

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like KBA Koelnbreinsper, KBA Koelnbreinsper, GOLs Golis, etc.

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like IDC 01 02:03:06, MOS 01 02:03:09, NEIC 01 02:03:10, etc.

1d 2h

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Table with columns for station name, elevation, frequency, and other technical details. Includes stations like Mount Wilson, Goldstone, Kangerlussuaq, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like Paradox Valley, Wupatki, WUAZ, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like MUD, Monsted Ugrnd, Braberst, etc.

Table with columns for station code, name, frequency, power, and various performance metrics. Includes stations like KECS, HATTA, BRG, HOQ, VYHS, etc.

Table with columns for station code, name, frequency, power, and various performance metrics. Includes stations like CONA, KBD, HGN, JCT, SZH, etc.

Table with columns for station code, name, frequency, power, and various performance metrics. Includes stations like THEF, MOF, HAU, APPI, etc.

Table with columns: YUK, comp=N, 2.110nm, 0.4s, pmax, pmax. Includes stations like YUK, ASAJ, ERM, MKAR, INK, ARCES, NVAR, KAF, FINES, PDAR, OBN, NB2, NOA, AKASG, GERES, PLCA.

ISJCJB 01 02:57:18.1±3.2, 461N±0.3, 1538E±0.5, h33km, mb3.9/4, Error ellipse: s-maj=65.1km s-min=10.6km az=78.3

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like SKR Severo-Kuril's, ASAJ Asahikawa, MKAR Makanchi Array, FINES FINESS Array B, NB2 NORARS Subarra, NOA NORARS Array B, AKASG Malin Array Be.

FUNV 01 03:00:18.3, 1085N±6127W, h17km, MW2.9

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like TRN Trinidad (W), TCE Chachacare, TBH Brigand Hill, TBR Prospect, GUV Guiria, BOT Bacolet, GRW Mount Saint Ca, GRHS Sauteres, GRHS Sauteres, GRHS Sauteres, GRIC Isle de Caille, GRIC Sisters, GRSS Guano, GUNV Guano, GRCU Cariacou, GRCU Cariacou, GRCU Cariacou.

Table with columns: CRUV Carupano, CRUV Isla Los Testi, ITEV Oritupano, ORIV Puerto La Cruz, PGRV El Guri, PRGV PARIAGUAN, CUPV Cœpia, LUEV Luepa, MERV Las Mercedes, PHG Guadaloupe-2, LZG Guadaloupe-1, BVU El Baal. Includes time and resonance data.

MDD 01 03:00:41.0±1.3, 3925N±1034W, h30km±24km, mblg2.0/10, Error ellipse: s-maj=18.7km s-min=6.1km az=80.0, PFXIMO

INMG 01 03:00:41.5±1.1, 3924N±1027W, h20km±4km, ML1.8, 1C, Error ellipse: s-maj=5.8km s-min=2.2km az=82.0, North Atlantic Ocean

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like PMAFR Mafrá, PLOU Loures, PTOM Tomar, MOE Montemor, PTEO Sao Teotónio, PESTR Estremoz, PBEJ Beja, PCBR Castelo Branco, PVIS Viseu, MTE Manteigas, EBAD Badajoz, EGRO Granada, PVRL Vila Real, PCAB Cabril, EMIN Mina Concepcio, PBGR Braganca, ECAL Calator, EMAZ Mazaricos, ESPR Espera, EADA Adamos, EPON Pontenova, ESDC Sonseca Array, GUD Guadarrama.

ISJCJB 01 03:03:17.4±0.7, 5769N±009.1549W±0.1, h89km, 9km, mb3.7/4, Error ellipse: s-maj=17.0km s-min=8.1km az=105.1

ICD 01 03:03:19.2±1.7, 5765N±15483W, h89km±31km, mb3.3/5, mb1.3/4, mb1mx3.2/20, mbtpm3.6/6, Error ellipse: s-maj=81.6km s-min=33.7km az=165.0

NEIC 01 03:03:20.1, 5759N±15486W, h64km, ML3.1(AEIC), After AEIC

ISC 01 03:03:18.6±0.7, 5766N±009.1549W±0.1, h87km±9km, n24, ±0561/26, mb3.7/4, Kodiak Island region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like KDAK Kodiak Island, CHGN Chignik, SVWZ Sparrevohn, SKM Skiak Lake, SDPT Sand Point, RC01 Rabbitt Creek A, PMR Palmer, KNK Knik Glacier, EYAK Cordova Ski Ar, DIV Divide, RAGM Ragged Moutai, BMRM Bremner River, TRF Thorofare Moun, MENT Mentasta, DAWY Dawson, INK Inuvik, YKA Yellowknife Ar, YKA Yellowknife Ar, SONM Songoing Array, FINES FINESS Array B, AKASG Malin Array Be, GERES GERES Array B.

MOS 01 03:05:13.8±1.0, 4578N±15430E, h33km, mb4.2/4, Error ellipse: s-maj=42.2km s-min=28.1km az=90.3

ICD 01 03:05:20.3±2.1, 4702N±15320E, h0km, mb3.8/6, mb1.3/9.7, mb1mx3.7/20, mbtpm3.8/7, ML3.3/1, Error ellipse: s-maj=66.2km s-min=24.8km az=177.0

ISCJB 01 03:05:22.7±2.4, 467N±0.2, 1532E±0.2, h37km±18km, mb3.8/6, Error ellipse: s-maj=36.0km s-min=12.4km az=98.4

ISC 01 03:05:25.2±2.1, 468N±0.2, 1531E±0.2, h47km±15km, n12, ±0542/13, mb3.8/6, Kuril Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like SKR Severo-Kuril's, ASAJ Asahikawa, MKAR Makanchi Array, NVAR Mina Array Bea, FINES FINESS Array B, PDAR Pinedale Array, NB2 NORARS Subarra, NOA NORARS Array B, AKASG Malin Array Be.

ICD 01 03:25:39.8±0.4, 1180N±9500E, h0km, mb4.2/20, mb1.4/3.21, mb1mx4.3/24, mbtpm4.2/21, ML3.7/1, MS4.0/7, Ms1.4/0.7, ms1mx3.8/22, Error ellipse: s-maj=20.7km s-min=11.6km az=56.0

ISCJB 01 03:25:42.0±0.3, 1174N±004.9502E±0.04, h27km, mb4.6/69, MS4.3/13, Error ellipse: s-maj=6.0km s-min=4.9km az=36.6

MOS 01 03:25:42.9±1.2, 1175N±9501E, h33km, mb5.1/36, Error ellipse: s-maj=11.7km s-min=5.7km az=112.3

GCMT 01 03:25:43.9±0.3, 1188N±9523E, h12km, MW4.9/59, Moment Tensor Solution. s22,c24; s59,c85; Duration: 0.8±0.08; tor: Scale 10¹⁹Nm; Mir-2.35c; 0r; Mw0.05c; 3a; Mw0.148c; 10; Mw1.129c; 07; Mw0.05c; 3a; Best double couple: M2.67300±0.10¹⁶ Np1±0.21.00000°, δ39.00000°, λ-118.00000°. NP2: ±0.236.00000°, δ56.00000°, λ-69.00000°. Principal axes: 2.6150, P19.0000°, Azm31.10000°; N 0.1170, P17.00000°, Azm44.00000°, P 2.7320, P19.00000°, Azm195.00000°. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface body waves, cutoff=50s.

NEIC 01 03:25:43.9±0.3, 1178N±9496E, mb4.8/42, Error ellipse: s-maj=10.9km s-min=6.6km az=59.0

BUI 01 03:25:44.0, 1155N±9540E, h37km, mb5.0, mb4.6, Ms4.7, Ms2.5

SZGRF 01 03:25:44.8, 1205N±9545E, h33km, mb4.8, Andaman Islands, India, region

ISC 01 03:25:44.3±0.3, 1176N±004.9502E±0.03, h28km, h23km±8km, pp-P, n206, ±119/189, mb4.6/69, MS4.3/13, 7C-7D, Andaman Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like PBA Port Blair, CHTO Chiang Mai, KULM Kulim, PSI Prapat, CAL Calcutta, VIS Vishakhapatnam, BOK Bokaro, KMI Kunming.

ISC 01 03:25:44.0, 1155N±9540E, h37km, mb5.0, mb4.6, Ms4.7, Ms2.5

ISC 01 03:25:44.3±0.3, 1176N±004.9502E±0.03, h28km, h23km±8km, pp-P, n206, ±119/189, mb4.6/69, MS4.3/13, 7C-7D, Andaman Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like QIONGZHONG, HYB Hyderabad, HYB Hyderabad, HYB Hyderabad, KOD Kodaikanal, PKI Pulchoki, GUN Gun, LSA Lhasa, LSA Lhasa, GYA Guiyang, DMN Daman, KAKI Kakani, GKN Gorkha, KOLD Koldanda, BHPL Bhopal, CD2 Chengdu.

Islands, India, region
 IDC 01 03:27:59.7, 0.5, 1176N, 95.01E, h0km, mb4.1/18,
 Mb1 4.3/18, mb1mx4.2/22, mbtmp4.1/18, MS3.8/2,
 Ms1 3.8/2, ms1mx3.5/23, Error ellipse: s-maj=29.0km
 s-min=13.8km az=54.0
 BUJ 01 03:28:01.8, 1133N, 95.26E, h36km, mb5.0, mb4.7, Ms4.9,
 Ms2.6
 ISCBJ 01 03:28:01.7, 0.4, 1167N, 007.9495E, h24km,
 mb4.5/41, MS3.8/3, Error ellipse: s-maj=9.5km
 s-min=7.6km az=25.9

NEIC 01 03:28:03.6, 0.2, 1168N, 94.92E, mb4.7/25, Error ellipse:
 s-maj=9.9km s-min=6.2km az=57.0
 MOS 01 03:28:03.6, 0.1, 918N, 94.99E, h33km, mb5.0/24, Error
 ellipse: s-maj=16.9km s-min=6.6km az=115.9
 ISC 01 03:28:04.0, 0.4, 1169N, 007.9492E, h25km,
 h25km, 1.2km, pp-P, n121, c078/104, mb4.5/41, MS3.8, 1D,
 Andaman Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
PBA	Port Blair	2.13	269	Op	03 28 27.0	-11
KMI	Kunming	15.28	28	P	03 31 40.5	+2.7
KMI				AP	03 31 44.3	-5.1
KMI				XP	03 31 46.9	-5.7
KMI				PPP	03 31 56.4	
KMI				S	03 34 20.0	-6.2
KMI				AMB		
KMI				AMB		
KMI				LR		
KMI				LR		
KMI				LR		
KMI				LR		
KMI				P	03 31 40.5	+2.7
KMI				pP	03 31 44.3	-5.1
KMI				sP	03 31 46.9	-5.7
KMI				pp	03 31 51.0	
KMI				PPP	03 31 56.4	
KMI				S	03 34 20.0	-6.2
KMI				SS	03 34 26.7	-2.7
KMI				SSS	03 34 50.9	
LSA	Lhasa	18.26	349	eP	03 32 15.5	0.0
LSA				ePn	03 32 15.5	0.0
LSA				epPn	03 32 22.6	
CD2	Chengdu	20.80	22	eP	03 32 44.8	+1.5
WMQ	Urumqi	32.62	350	eP	03 34 33.0	-0.5
WMQ				AMB		
WMQ				AMB		
WMQ				LR		
AAK	Ala-Archa	35.58	334	eP	03 34 59.4	+0.2
AAK				ePP	03 35 06.9	+0.1
AAK				pmax		
AAK				P	03 34 59.4	+0.1
AAK				eP	03 35 06.9	0.0
AAK				pP	03 35 08.0	+0.2
SONM	Songino Array	37.29	13	P	03 35 13.2	-0.7
SONM				LR		
SONM				LR		
TLY	Talaya	40.50	8	eP	03 35 41.4	+0.7
TLY				pmax		
TLY				eP	03 35 41.4	+0.7
CN2	Changchun	41.43	34	eP	03 35 48.0	-0.4
CN2				AMB		
FITZ	Fitzroy Cross	42.38	134	P	03 35 55.3	-0.8
FITZ				PcP	03 37 49.6	+0.4
HIA	Hailar	42.74	24	eP	03 35 58.7	-0.3
HIA				pmax		
HIA				eP	03 35 58.7	-0.3
BVAR	Borovoye Array	45.67	339	P	03 36 20.8	-1.8
BVAR				PcP	03 38 00.4	+0.1
BVAR				PcP	03 38 00.4	+0.1
BRVK	Borovoye	45.74	339	eP	03 36 25.3	+2.2
BRVK				ePP	03 36 30.7	-0.1
BRVK				pmax		
BRVK				P	03 36 25.3	+2.2
BRVK				pmax		
MJAR	Matsushiro Arr	46.59	50	eP	03 36 30.7	-0.1
MJAR				PcP	03 38 00.0	-1.2
ZRNK	Zerenda	46.10	338	eP	03 36 25.7	-0.2
ZRNK				ePP	03 36 33.0	-0.7
ZRNK				pmax		
ZRNK				P	03 36 25.7	-0.2
ZRNK				eP	03 36 33.0	-0.7
BOD	Bodaibo	48.28	14	eP	03 36 41.6	-1.3
BOD				pmax		
BOD				pmax		
AKTK	Aktyubinsk	49.03	329	P	03 36 48.0	-0.7
AKTK				P	03 36 48.0	-0.7
WRA	Warrunga Arr	49.94	129	P	03 36 55.3	-0.3
AS31	Alice Springs	51.85	133	eP	03 37 10.0	0.0
ASAR	Alice Springs	51.85	133	P	03 37 10.3	+0.3
ARU	Arti	52.72	336	eP	03 37 15.9	-0.6
ARU				ePP	03 37 23.7	-0.6
ARU				pmax		
ARU				P	03 37 15.9	-0.6
ARU				eP	03 37 23.7	-0.6
ARU				pmax		
BR131	Beskin Array S	60.58	309	eP	03 38 11.1	-0.7
BR131				P	03 38 18.9	-1.4
BR131				P	03 38 12.1	-0.3
STKA	Stephens Creek	62.23	316	eP	03 38 22.4	-1.0
STKA				P	03 38 23.6	+0.2
STKA				P	03 38 31.3	+0.4
MOS	Moscow	62.27	327	eP	03 38 26.5	+0.5
OBN	Obninsk	62.61	327	eP		
OBN				pmax		
MA2	Magadan	63.05	28	eP	03 38 28.2	-0.8
MA2				pmax		
MA2				P	03 38 28.2	-0.8
AKASO	Malin Array Be	65.68	321	P	03 38 45.1	-1.0
JHF	Joensuu	67.77	334	eP	03 38 58.9	-0.6
NOF	Honiaru	67.96	105	LR	04 07 33.5	
KWP	Kalwaria	69.66	319	eP	03 39 11.2	-0.1
KWP				ePP	03 39 18.7	-0.6
KWP				pmax		
KWP				P	03 39 11.2	-0.1
KWP				eP	03 39 18.7	-0.6
KWP				pmax		

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
FINES	FINES Array B	69.73	331	P	03 39 11.7	0.0
KAF	Kangasini	69.78	332	eP	03 39 10.4	-1.6
CRVS	Cervenica-Dubn	70.41	318	eP	03 39 16.7	+0.2
CJC	Cjoc	71.59	319	eP	03 39 23.2	+0.9
ARCES	ARCES Array B	71.96	340	P	03 39 24.8	-0.4
YVHS	Vyhne	72.12	317	eP	03 39 26.5	+0.3
MORC	Moravsky Berou	73.02	319	eP	03 39 32.0	+0.5
MORC				ePP	03 39 39.4	-0.2
MORC				pmax		
MORC				P	03 39 32.0	+0.5
MORC				eP	03 39 39.4	-0.2
ZST	Bratislava	73.26	317	eP	03 39 34.2	+1.2
UPC	Dobruska-Polom	73.82	319	eP	03 39 43.6	-0.8
DPC	Udice	74.02	319	eP	03 39 37.8	+0.4
TREC	Trest	74.35	318	eP	03 39 46.6	-0.9
PVCC	Panska Ves	74.94	319	eP	03 39 47.4	+4.6
PRU	Pruhonice	74.96	319	eP	03 39 43.5	+0.6
GEC2	GERESS Array S	75.53	318	eP	03 39 45.6	+0.4
GEC2				ePP	03 39 53.9	-0.4
GEC2				pmax		
KHERS	GERESS Array B	75.53	318	eP	03 39 46.8	+0.7
GHES	Geopolsky Hory	75.60	319	eP	03 39 46.8	+0.2
CLL	Collim	75.92	320	eP	03 39 55.0	-1.6
CLL				pmax		
CLL				P	03 39 55.0	-1.6
CLL				eP	03 39 56.0	-0.6
NB2	NORSAR Subarra	76.81	330	P	03 39 52.3	-1.2
NB2				pmax		
NB2				P	03 39 52.3	-1.2
NB2				pmax		
NOA	NORSAR Array B	76.81	330	P	03 39 52.3	-1.2
MOX	Moxa	76.82	330	eP	03 40 02.0	+0.3
GRAT	Grafenberg Arr	77.12	319	eP	03 39 55.3	+0.1
GRF	Grafenberg Arr	77.12	319	eP	03 39 55.3	+0.1
GRF				P	03 39 55.3	+0.1
GRF				pmax		
GRF				P	03 39 55.3	+0.1
GRF				pmax		
BOSA	Boshof	78.26	237	P	03 40 02.6	+1.1
BOSA				pmax		
BOSA				P	03 40 03.4	+1.8
BOSA				pmax		
BOSA				P	03 40 03.4	+1.8
BOSA				pmax		
KEST	Kesra	79.71	304	P	03 40 09.9	+0.4
CDF	Champ du Feu	79.81	317	eP	03 40 09.7	-0.3
CDF				P	03 40 09.7	-0.3
CDF				pmax		
CDF				P	03 40 09.7	-0.3
CDF				pmax		
HAU	Haudompre	80.47	317	eP	03 40 13.2	-0.4
LPG	La Plagne	80.49	315	eP	03 40 14.2	+0.5
LPG				P	03 40 14.2	+0.5
LPG				pmax		
LPG				P	03 40 14.2	+0.5
LPG				pmax		
LPL	La Plagne	80.50	315	eP	03 40 14.3	+0.5
LPL				pmax		
LPL				P	03 40 14.3	+0.5
LPL				pmax		
FRF	La Foret Royal	80.81	313	eP	03 40 15.5	+0.1
FRF				P	03 40 15.5	+0.1
FRF				pmax		
FRF				P	03 40 15.5	+0.1
FRF				pmax		
LMR	La Moure	80.94	312	eP	03 40 16.3	+0.2
BAIF	Baives	81.60	319	eP	03 40 19.9	+0.3
BAIF				pmax		
BAIF				P	03 40 19.9	+0.3
BAIF				pmax		
BAIF				P	03 40 19.9	+0.3
BAIF				pmax		
LOR	Lormes	82.24	317	eP	03 40 22.6	-0.4
LOR				pmax		
LOR				P	03 40 22.6	-0.4
LOR				pmax		
SMF	Signal de Mont	82.34	316	eP	03 40 23.2	-0.3
AVF	Avril sur Loir	82.65	316	eP	03 40 24.8	-0.3
TCF	Toulx Ste Croi	83.51	316	eP	03 40 29.9	+0.3
TCF				pmax		
TCF				P	03 40 29.9	+0.3
TCF				pmax		
RJF	Les Rejaudoux	84.17	315	eP	03 40 33.3	+0.4
RJF				P	03 40 35.4	+0.1
ESDC	Sonsec Array	89.35	310	eP	03 40 59.9	+1.7</

1d 4h

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Table with columns: Station ID, Name, Elevation, Azimuth, Range, Azimuth Error, Range Error, Status, and other parameters. Includes stations like APA, G07A, KEV, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Range, Azimuth Error, Range Error, Status, and other parameters. Includes stations like NDI, P05C, M08A, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Range, Azimuth Error, Range Error, Status, and other parameters. Includes stations like LHU, PKM, R10A, etc.

Table with columns: Station, Time, Azimuth, Elevation, and other parameters. Includes stations like HAU, HNF, PPT, OXF, etc.

Table with columns: Station, Time, Azimuth, Elevation, and other parameters. Includes stations like VIVF, MIDA, VJLD, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like MKAR, FINES, NOA, etc.

Table with columns: Station, Time, Azimuth, Elevation, and other parameters. Includes stations like YUK, NEM2, JRA, etc.

1d 5h

F08A	Pendleton	57.84	56	↓P	P	05 25 42.7 +0.6
BOK	Bokaro	57.91	272	eP	P	05 25 42.9 +0.3
BOK					AMB	05 25 46.7
M02C	Callahan	57.95	62	↑P	P	05 25 43.7 +0.9
N02C	Big Bar	58.00	63	↑P	P	05 25 44.9 +1.7
APA	Apatity	58.02	337f	eP	P	05 25 43.0 -0.4
APA					pmax	
G08A	Pilot Rock	58.03	56	↑P	P	05 25 44.8 +1.4
I06A	Prineville	58.07	58	↓P	P	05 25 42.1 -1.7
M04C	Macdoel	58.34	61	↓P	P	05 25 44.9 -0.7
K05A	Summer Lake	58.37	60	↑P	P	05 25 45.8 0.0
I07A	Izeze	58.48	58	↑P	P	05 25 44.4 -1.7
M03C	McCloud	58.46	62	↑P	P	05 25 45.8 -0.7
A13A	Flathhead Natio	58.47	51	↓P	P	05 25 45.3 -1.2
J06A	Christmas Vall	58.50	59	↑P	P	05 25 45.1 -1.6
ARCES	ARCES Array B	58.54	341	P	P	05 25 45.9 -1.1
ARCES	ARCES Array A	58.54	341	P	P	05 25 45.9 -1.1
C12A	Trout Creek	58.60	52	↓P	P	05 25 45.5 -1.9
WDC	Whiskeytown Da	58.61	63	eP	P	05 25 47.8 +0.3
WDC					pmax	
WDC	Whiskeytown Da	58.61	63	eP	P	05 25 47.8 +0.3
WDC	Whiskeytown Da	58.61	63	eP	P	05 25 47.8 +0.3
F10A	Beach Ranch, E	58.63	55	↑P	P	05 25 46.6 -1.0
H08A	Prairie City	58.64	57	↑P	P	05 25 48.4 +0.7
O02C	Red Bluff	58.69	63	↑P	P	05 25 49.0 +0.9
K06A	Valley Falls	58.71	59	↓P	P	05 25 48.2 0.0
B13A	Whitefish	58.76	51	P	P	05 25 49.5 +1.0
P01C	Double S Ranch	58.77	64	↓P	P	05 25 47.2 -1.4
L05A	Lakeview	58.80	60	↓P	P	05 25 48.8 0.0
J07A	Hines	58.93	58	↓P	P	05 25 50.5 -0.7
M05C	Lookout	59.01	61	↓P	P	05 25 49.5 -0.7
AB31	Akbulak array	59.02	310	eP	P	05 25 49.0 -1.4
GASB	Alder Springs	59.05	64	↑P	P	05 25 49.9 -0.6
I08A	Drewsey	59.05	57	↑P	P	05 25 48.9 -1.7
C13A	Hot Springs	59.11	52	↓P	P	05 25 48.3 -2.7
HATC	Hat Creek Radi	59.14	62	↓P	P	05 25 52.0 +0.9
H09A	Durkee	59.14	56	↑P	P	05 25 50.0 -0.2
M04C	Mococ	59.20	60	eP	P	05 25 51.5 -0.2
BMO	Blue Mountains	59.23	56	eP	P	05 25 52.3 +0.5
AKTK	Aktubinsk	59.33	312	P	P	05 25 52.0 -0.5
AKTK	Aktubinsk	59.33	312	P	P	05 25 52.0 -0.5
K07A	Rock Creek Ran	59.37	59	↓P	P	05 25 51.9 -0.8
I09A	Lost Marbles R	59.50	57	↑P	P	05 25 53.6 -0.1
O04C	Chester	59.66	62	↑P	P	05 25 54.9 +0.1
MNRC	McLaughlin Nat	59.68	64	↓P	P	05 25 53.5 -1.4
L07A	Adell	59.71	60	↓P	P	05 25 52.0 -3.2
K08A	Mann Creek Ran	59.80	58	↑P	P	05 25 58.0 +2.3
ORV	Oroville	59.86	63	↓P	P	05 25 55.5 -0.6
J09A	Fry Pan Ranch,	59.86	57	↓P	P	05 25 53.7 -2.5
WVOR	Wild Horse Val	59.88	59	eP	P	05 25 56.5 +0.2
WVOR					pmax	
WVOR	Wild Horse Val	59.88	59	eP	P	05 25 56.5 +0.2
CVS	Carmenit Viney	59.99	65	↑P	P	05 25 55.7 -1.3
OHCM	Honcut	60.00	63	eP	P	05 25 57.2 +0.1
N06A	Buffal Meadow	60.17	61	P	P	05 25 59.3 +1.0
M07A	Soldier Meadow	60.19	60	P	P	05 25 59.8 +1.4
L08A	Fields	60.20	59	↑P	P	05 25 58.5 0.0
K09A	Rome	60.27	58	↓P	P	05 25 58.1 -0.8
CHMT	Chamberlain Mo	60.29	52	eP	P	05 25 59.2 +0.1
M08A	Happy Creek Ra	60.63	60	↓P	P	05 26 03.0 +1.6
N07B	Gerlach	60.67	60	↓P	P	05 26 02.6 +0.8
L09A	Wilkinson Ranc	60.71	59	↓P	P	05 26 01.9 0.0
NDI	New Delhi	60.77	282	eP	P	05 26 04.0 +1.6
NDI					AMB	
LAV4	Lava Cap Winer	60.81	63	↓P	P	05 26 00.5 -2.2
R04C	Big Horse Ranc	60.99	64	↓P	P	05 26 04.9 +1.0
O07A	Toulon	61.11	61	↑P	P	05 26 03.2 -1.5
N08A	GE Springer Mi	61.18	60	↑P	P	05 26 06.0 +0.8
SUMG	Summit	61.32	4	eP	P	05 26 06.1 -0.1
CMB	Columbia Colle	61.47	64	eP	P	05 26 07.3 +0.2
CMB					pmax	
CMB	Columbia Colle	61.47	64	eP	P	05 26 07.3 +0.2
CMB	Columbia Colle	61.47	64	eP	P	05 26 07.9 +0.8
EGMT	Eagleton	61.50	49	↑P	P	05 26 07.7 +0.4
N09A	Rock Creek Ran	61.50	60	↑P	P	05 26 07.4 0.0
HLID	Hailey	61.67	56	eP	P	05 26 09.3 +0.8
HLID	Hailey	61.67	56	eP	P	05 26 09.6 +1.1
M10A	L.L. Ranch, Tu	61.68	59	↓P	P	05 26 06.2 -2.4
R06C	Coleville	61.76	63	↑P	P	05 26 09.2 +0.2
P08A	Dixie Valley	61.88	61	↓P	P	05 26 10.0 +0.1
BMN	Battle Mountai	61.94	60	eP	P	05 26 10.9 +0.6
BOZ	Bozeman (W)	61.95	52	eP	P	05 26 11.0 +0.6
BOZ					pmax	
BOZ	Bozeman (W)	61.95	52	eP	P	05 26 11.0 +0.6
BOZ	Bozeman (W)	61.95	52	eP	P	05 26 11.4 +1.0
J09F	Joensuu	62.01	334	eP	P	05 26 09.3 -1.5
M11A	Fish Creek Ran	62.12	60	↑P	P	05 26 10.0 -1.5
M01A	Holland Ranch,	62.18	58	↓P	P	05 26 11.9 0.0
Q08A	Gabbs	62.48	62	↓P	P	05 26 12.5 -1.4
NVAR	Mina Array Bea	62.52	62	P	P	05 26 15.0 +0.8
T06C	Millerton Lake	62.53	64	↑P	P	05 26 12.1 -2.1

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P09A	Austin	62.54	61	↑P	P	05 26 12.0 -2.3
QLMT	Earthquake Lak	62.57	53	eP	P	05 26 15.6 +1.1
M12A	Wells	62.61	58	eP	P	05 26 17.0 +1.6
GCMT	Greycliff	62.94	51	eP	P	05 26 18.2 +1.2
N12A	Clover Valley,	62.98	58	↑P	P	05 26 18.1 +0.8
O11A	Coveyou Ranch,	63.07	59	↓P	P	05 26 18.7 +0.8
HELL	Mitchell Peak,	63.16	64	P	P	05 26 18.5 +0.1
S08C	White Mtn Res	63.18	63	↓P	P	05 26 18.0 -0.6
P11A	Circle Ranch,	63.37	60	↓P	P	05 26 19.9 +0.1
R09A	Topnoph	63.40	62	P	P	05 26 20.6 +0.6
IMW	Indian Meadow	63.43	54	eP	P	05 26 21.5 +1.2
FLWY	Flagg Ranch	63.45	53	eP	P	05 26 21.4 +1.0
O12A	Currie	63.53	59	↓P	P	05 26 19.3 -1.6
S09A	Goldfield	63.62	62	P	P	05 26 22.5 +1.0
M00A	Moose Ponds	63.64	54	eP	P	05 26 22.7 +1.1
VEES	Vestal, Richgr	63.66	65	↑P	P	05 26 22.0 +0.3
TPAW	Teton Pass	63.69	54	eP	P	05 26 23.1 +1.2
VIS	Vishakhapatnam	63.72	269	eP	AMB	05 26 21.3 -1.1
HVU	Hansel Valley	63.73	56	eP	P	05 26 22.8 +0.6
LOHW	Long Hollow	63.80	54	eP	P	05 26 23.8 +1.1
SNOW	Snow King Moun	63.81	54	eP	P	05 26 24.0 +1.3
R10A	Warm Springs	63.84	61	↑P	P	05 26 23.8 +0.9
Q11A	Duckwater	63.88	60	↓P	P	05 26 24.1 +0.9
PR12	McGill	63.93	59	↓P	P	05 26 22.8 -0.7
G2AC	Grapevine Rang	63.99	63	↓P	P	05 26 22.6 -1.3
KAF	Kangasniemi	64.12	335	eP	P	05 26 23.4 -1.4
KAF	Kangasniemi	64.12	335	eP	P	05 26 23.4 -1.4
BHPL	Bhopal	64.13	277	eP	P	05 26 25.2 +0.3
ISA	Isabella	64.15	65	↑P	P	05 26 23.7 -1.3
LAO	LASA Array	64.20	49	eP	P	05 26 25.9 +0.6
Q12A	Willow Creek R	64.25	60	↓P	P	05 26 24.1 -1.5
MPMC	Manual Prospec	64.51	64	↓P	P	05 26 25.3 -2.1
FURC	Furnace Creek,	64.64	63	P	P	05 26 29.2 +1.0
DUG	Dugway	64.71	58	eP	P	05 26 29.2 +0.5
DUG					pmax	
DUG	Dugway	64.71	58	eP	P	05 26 29.2 +0.5
DUG	Dugway	64.71	58	eP	P	05 26 29.4 +0.8
FAI1	FINESS Array B	64.72	335	eP	P	05 26 27.4 -1.3
FINES	FINESS Array A	64.72	335	eP	P	05 26 27.6 -1.1
FINES	FINESS Array A	64.72	335	eP	P	05 26 27.6 -1.1
FINES	FINESS Array A	64.72	335	eP	P	05 26 27.6 -1.1
BW06	Boulder Array	64.93	54	eP	P	05 26 30.2 +0.1
PDAR	Pinole Array	64.93	54	P	P	05 26 30.4 +0.3
EDW2	Edwards Air Fo	64.95	65	P	P	05 26 31.0 +0.8
NLU	North Lily Min	65.30	58	eP	P	05 26 33.0 +0.6
SHOC	Shoshone	65.37	63	↑P	P	05 26 32.4 -0.5
GSC	Goldstone	65.42	64	↓P	P	05 26 32.8 -0.5
MPU	Mop Canyon	65.52	57	eP	P	05 26 34.9 +0.9
TUO	Turquoise Mtn.	65.89	63	↓P	P	05 26 35.8 -0.5
OBN	Obninsk	65.97	326	iP	P	05 26 35.7 -1.1
OBN					eSS	
OBN					pmax	
OBN					pmax	
OBN					MLR	
OBN					MLR	
HEC	Heer, Ludlow	66.03	64	↓P	P	05 26 38.3 +1.1
MSU	Marysval	66.18	59	eP	P	05 26 39.3 +1.2
V12A	Nelson	66.37	63	↓P	P	05 26 40.4 +1.0
SRU	San Rafael	66.76	57	eP	P	05 26 42.2 +0.3
SRU					pmax	
SRU	San Rafael	66.76	57	eP	P	05 26 42.2 +0.4
RSSD	Black Hills	67.06	50	eP	P	05 26 43.4 -0.3
RSSD					pmax	
RSSD	Black Hills	67.06	50	eP	P	05 26 43.4 -0.3
IRM	Iron Mountain	67.20	64	↑P	P	05 26 44.3 -0.4
BC3	Big Chuckw Mtn	67.34	65	↑P	P	05 26 45.2 -0.4
X13A	Yucca	67.74	63	P	P	05 26 48.9 +0.8
PDMC1	Parker Dam, Lak	67.74	63	↑P	P	05 26 47.6 -0.5
W14A	Selgman	67.79	62	↓P	P	05 26 50.2 +1.8
Y12C	Blythe	67.86	64	↓P	P	05 26 47.6 -1.2
WRAB	Terrant Creek	67.97	199	iP	P	05 26 51.5 +1.9
WRA	Warramunga Arr	67.99	199	P	P	05 26 49.0 -0.7
PV10	Paradox Valley	68.12	57	eP	P	05 26 51.5 +1.0
X14A	Yava	68.40	62	eP	P	05 26 53.6 +1.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CAF Calviac, LMR La Moure, MTLF Montoliu, etc.

CSEM 01 05:25:29.8, 3508N-381W, h11km, MD2.8, After CNRM
CNRM 01 05:25:29.8, 3508N-381W, h11km, MD2.8
MDD 01 05:25:29.0-1.3, 3500N-396W, h4km, 20km, mblg2.1/4,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TOU Touzarine, MPAL Palemas, EMEL Melilla, etc.

IDC 01 05:37:07.0-3.9, 3793N-7345E, h0km, mb3.6/3, mb1 3.6/4,
mb1mx3.3/2, mbtmp3.6/4, ML3.3/1, Error ellipse:
s-maj=87.1km s-min=30.3km az=141.0

ISCBJ 01 05:37:13.2-2.1, 3801N-01x737E-02, h67km, 28km,
mb3.5/3, Error ellipse: s-maj=33.4km s-min=8.0km
az=113.7

ISC 01 05:37:15.0-1.7, 3801N-01x738E-02, h71km, 24km, n12,
o50/13, mb3.5/3, 2D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KK31 Karatay Array, MKAR Makanchi Array, KOLN Koldanda, etc.

ISCJB 01 05:42:51.9-0.2, 1835N-002x11932E-003, h30km,
mb4.9/97, MS4.3/35, Error ellipse: s-maj=4.9km
s-min=3.1km az=146.9

SZGRF 01 05:42:51.3, 1861N-12070E, h33km, mb5.1, Luzon,
Philippine Islands

MOS 01 05:42:52.3-0.7, 1833N-11929E, h33km, mb5.3/46,
MS4.3/8, Error ellipse: s-maj=9.8km s-min=4.8km
az=115.8

BUJ 01 05:42:53.1, 1877N-11910E, h9km, mb5.0, mb4.7, ML4.3,
MS4.7, MS24.3

NEIC 01 05:42:53.4-0.1, 1834N-11932E, mb5.0/55, Error ellipse:
s-maj=4.8km s-min=3.3km az=78.0

GCMT 01 05:42:53.4-0.2, 1830N-11920E, h12km, MW5.0/73,
Moment Tensor Solution, s27,c32; s73,c123; Duration:
0 Moment tensor: Scale 10^19Nm; M1=2.74E-06;

IDC 01 05:42:53.3-0.5, 1828N-11924E, h29km, km, mb4.5/25,
mb1 4.6/25, mb1mx4.5/27, mbtmp4.6/25, MS4.1/19,
Ms1 4.1/19, ms1mx4.0/26 Error ellipse: s-maj=17.9km
s-min=7.9km az=69.0

ISC 01 05:42:53.8-0.2, 1837N-002x11935E-003, h32km,
h32km, 5km; p-P, N296, o588/290, mb4.9/97, MS4.3/35,
21C-20D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BCPH Baguio City Da, CVP Caliao Caves, PCPH Palayan, etc.

Main table with columns: YHNB, eSN, S, Pn, etc. Includes stations like Quanzhou, Taipei, Guangzhou, Jiwu, Kunigami, Sheshan, etc.

Main table with columns: LZH, eSN, S, Pn, etc. Includes stations like Lanzhou, HHC, HJH, BTO, SNY, MAJO, etc.

Table with columns: LPGA, Station Name, Time, Res, etc. Includes stations like La Plagne, Bardonecchia, Montbardon, etc.

NEIC 01 06:21:17.8, 1238N*59.15W, h35km, MD3.9(TRN), After TRN.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like FITZ, WRA, ASAR, etc.

Table with columns: BBGH, Station Name, Time, Res, etc. Includes stations like Gun Hill, Fort Charlotte, Crater Summit, etc.

NEIC 01 06:23:21.2, 6001N*141.48W, h3km, ML3.2(PGC), ML3.3(AEIC), ML3.7(PMR), After AEIC.

PGC 01 06:23:21.7, 6002N*141.36W, h1km, ML3.2, 3C, 132km northwest of Yakutat, Ak Near Icy Bay, Alaska.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like Yakutat, Peninsula, Ragged Mount, etc.

ISCJB 01 06:23:47.1, 170N*01*4043E, 009, h10km, mb3.8/9, Error ellipse: s-maj=17.7km s-min=8.0km az=75.2

NEIC 01 06:23:48.3, 1.3, 1710N*4034E, h0km, mb3.8, mb1 3.9/7, mb1mx3.7/19, mbtmp3.8/7, ML3.0/1, Error ellipse: s-maj=30.1km s-min=24.8km az=173.0

NEIC 01 06:23:48.9, 0.8, 1706N*4034E, h10km, mb3.9/2, Error ellipse: s-maj=21.1km s-min=14.4km az=65.0

ISC 01 06:23:48.9, 0.7, 171N*01*4047E, 009, h10km, n14, e1504/16, mb3.8/9, Red Sea

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like Hajjah, Artatunnel, Keskin Array, etc.

ISC 01 06:26:40.8, 2.2, 1749N*4006E, h0km, mb3.6/7, mb1 3.7/7, mb1mx3.6/18, mbtmp3.8/7, MS3.8/6, Ms1 3.8/6, ms1mx3.4/20, Error ellipse: s-maj=50.5km s-min=25.6km az=161.0, Red Sea

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like Artatunnel, Kilima Mboyo, Keskin Array, etc.

NIED 01 06:06:00, 2410N*121.70E, h71km, Mw4.8 Best double couple: M1.84000*1016 NP1.859.00000* .881.00000* .195.00000* . NP2.8210.00000* .811.00000* .162.00000* .

ISCJB 01 06:36:15.0, 0.9, 2400N*003.12163E, 002, h17km, 6km, mb4.5/47, MS4.0/10, Error ellipse: s-maj=5.4km s-min=3.0km az=10.4

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like Ninganchiao, Yeheng, Taipei, etc.

JMA 01 06:36:18.5, 0.2, 2410N*121.69E, h65km, M4.3 NEIC 01 06:36:18.5, 0.2, 2394N*121.75E, mb4.4/25, Error ellipse: s-maj=7.2km s-min=5.7km az=79.0

NEIC Recorded [4 TAP] in Hua-lien; [3 TAP] in Han and Nan-tou; [2 TAP] in T'ai-chung and T'ai-tung; [1 TAP] in Chang-hua and T'ao-yuan Counties.

ISC 01 06:36:17.8, 0.6, 2405N*003.12168E, 002, h23km, 3km, h41km, 2.3km, pp-P, n255, e0976/271, mb4.5/47, MS4.0/10, 62C-64D, Taiwan

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like Ninganchiao, Yeheng, Taipei, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like M07A Soldier Meadow, L08A Fields, K09A Rome, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BDBF Inuvik, INK Inuvik, SFJD Kangnerisuaq, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MAJO Matushiro, MDJ Matushiro, MDJ Muanjiang, etc.

MDD 01 07:21:11.9, 1.3, 3931N, 1040W, h0km, mblq2.5/9, Error ellipse: s-maj=15.0km s-min=7.1km az=70.0, PRXIMO NEIC 01 07:21:13.6, 3932N, 1014W, h0km, MN2.5(MDD), After MDD. IGLI 01 07:21:14.9, 3925N, 1038W, h65km, ML2.5 CSEM 01 07:21:17.7, 0.4, 3918N, 965W, h2km, ML2.0, Error ellipse: s-maj=10.6km s-min=4.8km az=81.0 INMG 01 07:21:15.7, 1.0, 3924N, 1040W, h31km, ML2.0, Error ellipse: s-maj=5.0km s-min=1.8km az=84.0, North Atlantic Ocean

MELI	Melilla	0.18	12	P	Pg	08 44 39.3 -0.5
MELI	Melilla			S	Sg	08 44 43.9 +1.0
EMEL	Melilla	0.18	6	P	Sg	08 44 39.4 -0.4
EMEL	134nm,0.1s,SNR=13			S	Sg	08 44 42.9 -0.1
EMLI	Melilla	0.19	8	P	Pg	08 44 39.4 -0.4
EMLI	134nm,0.1s,SNR=13			S	Sg	08 44 42.9 -0.1
ZAI	Zaio	0.24	127	iP	Pg	08 44 35.5 -5.2
ZAI	Zaio			iS	Pg	08 44 38.0 -6.5
TOU	Touzarine	0.65	257	iP	Sb	08 44 47.0 -1.0
TOU	Touzarine			iS	Sb	08 44 59.5 +2.8
MPAL	Palemas	0.79	278	eS	Pb	08 44 49.1 +1.4
MPAL	Palemas			eS	Pb	08 45 02.0 +1.2
EALB	Alboran	0.82	357	P	Pb	08 44 50.8 -0.1
EALB	6.6nm,0.1s,SNR=11			S	Sb	08 45 03.4 +1.7
EALB	Alboran	0.82	357	P	Pb	08 44 50.8 -0.1
EALB	6.6nm,0.1s,SNR=11			S	Sb	08 45 03.3 +1.6
TZK	Tazeka	1.43	224	eP	Pn	08 45 00.0 -0.1
TZK	Tazeka			eS	Pn	08 45 21.0 +2.6
EGUA	Gujares	1.78	345	iP	Pn	08 45 02.8 -2.1
EGUA	3.7nm,0.2s,SNR=18			S	Sn	08 45 24.8 -2.3
EBER	EBER	1.78	2	P	P	08 45 04.4 -0.6
EBER	1.3nm,0.2s,SNR=8.3			S	Sn	08 45 26.3 -0.8
EBER	EBER	1.78	2	P	P	08 45 04.4 -0.6
EBER	1.3nm,0.2s,SNR=8.3			S	Sn	08 45 26.3 -0.9
ENIJ	Nijar	1.96	19	P	Pn	08 45 05.7 -1.7
ENIJ	2.9nm,0.2s,SNR=7.9			S	Sn	08 45 03.8 -0.7
ERON	ERON	2.01	341	P	Pn	08 45 06.1 -2.1
ERON	8.0nm,0.3s,SNR=5.8			S	Sn	08 45 33.1 +0.2
EMIJ	Mijas	2.05	315	P	Pn	08 45 07.1 -1.6
EMIJ	4.2nm,0.2s,SNR=4.6			S	Sn	08 45 33.0 -0.9
EQUE	Qentar	2.12	350	P	Pn	08 45 09.2 -0.5
EQUE	3.0nm,0.2s,SNR=24			S	Sn	08 45 36.0 +0.5
ECOG	Cogollos-Vega	2.21	348	P	Pn	08 45 10.5 -0.3
ECOG	2.7nm,0.2s,SNR=7.9			S	Sn	08 45 39.5 +1.8
ELOJ	La Loja	2.24	335	P	Pn	08 45 10.5 -0.8
ELOJ	4.4nm,0.4s,SNR=7.9			S	Sn	08 45 39.3 +0.8
EJIF	Jimena Fronter	2.42	304	P	Pn	08 45 14.7 +0.9
EJIF	1.0nm,0.2s,SNR=7.9			S	Sn	08 45 43.3 +0.3
MIF	Mishifren	2.52	228	eP	Pn	08 45 15.0 -0.2
MIF	Mishifren			iS	Pn	08 45 46.0 +0.5
ELUO	Luque	2.65	337	P	Pn	08 45 17.1 +0.1
ELUO	4.6nm,0.3s,SNR=7.9			S	Sn	08 45 49.0 +0.3
EQES	Quesada	2.68	358	P	Pn	08 45 19.4 +1.9
EQES	4.2nm,0.2s,SNR=19			S	Sn	08 45 51.3 +1.9
EQES	Quesada	2.68	358	P	Pn	08 45 19.4 +2.0
EQES	4.2nm,0.2s,SNR=19			S	Sn	08 45 51.3 +1.9
CZD	Col de Zad	2.69	220	iP	Pn	08 45 18.0 +0.5
CZD	Col de Zad			iS	Pn	08 45 49.0 -0.6
EHUE	Huescar	2.71	7	P	Pn	08 45 18.6 +0.8
EHUE	1.7nm,0.1s,SNR=11			S	Sn	08 45 52.4 +2.3
EMUR	La Murta	3.06	27	P	Pn	08 45 22.0 -0.7
EMUR	0.4nm,0.3s,SNR=4.0			S	Sn	08 45 56.7 -2.1
EMUR	La Murta	3.06	27	P	Pn	08 45 22.0 -0.6
EMUR	1.6nm,0.2s,SNR=15			S	Sn	08 45 56.7 -2.1
ZFT	ZFT	3.28	201	eP	Pn	08 45 25.0 -0.6
ZFT	ZFT			iS	Pn	08 46 04.0 -0.2
EADA	Adamuz	3.31	338	P	Pn	08 45 26.2 +0.3
EADA	3.8nm,0.3s,SNR=8.9			S	Sn	08 46 04.7 -0.1
EADA	Adamuz	3.31	338	P	Pn	08 45 26.2 +0.2
EADA	3.8nm,0.3s,SNR=8.9			S	Sn	08 46 04.7 -0.1
EVIA	Vianos	3.54	6	P	Pn	08 45 30.5 +1.4
EVIA	2.1nm,0.3s			S	Sn	08 46 10.2 -0.3
ETOB	Tobarra	3.71	18	P	Pn	08 45 33.0 +1.5
ETOB	3.7nm,0.5s,SNR=7.9			S	Sn	08 46 15.3 +0.6
ETOB	Tobarra	3.71	18	P	Pn	08 45 33.0 +1.5
ETOB	0.8nm,0.2s,SNR=5.9			S	Sn	08 46 15.3 +0.6
EMIN	Mina Concepcio	3.98	313	P	Pn	08 45 34.6 -0.7
EMIN	2.2nm,0.3s			S	Sn	08 46 19.5 -2.0
EMIN	Mina Concepcio	3.98	313	P	Pn	08 45 34.6 -0.7
EMIN	0.5nm,0.1s,SNR=12			S	Sn	08 46 19.5 -2.0
EBEN	Berinda	4.21	31	P	Pn	08 45 38.7 +0.3
EBEN	2.2nm,0.3s			S	Sn	08 46 25.7 -1.4
EBEN	Berinda	4.21	31	P	Pn	08 45 38.7 +0.3
EBEN	0.4nm,0.1s,SNR=7.9			S	Sn	08 46 25.7 -1.4
EGRO	El Granado	4.36	305	P	Pn	08 45 39.7 -0.8
EGRO	1.1nm,0.4s,SNR=7.9			S	Sn	08 46 27.8 -3.1
EGRO	El Granado	4.36	305	P	Pn	08 45 39.7 -0.8
EGRO	3.3nm,0.2s,SNR=11			S	Sn	08 46 27.8 -3.1
ESDC	Sonsec Array	4.62	351	P	Pn	08 45 45.2 +1.2
ESDC	1.0nm,0.3s			S	Sn	08 46 27.8 -3.1
ESDC	Sonsec Array	4.62	351	P	Pn	08 45 45.2 +1.2
ESDC	3.1nm,0.2s,slow=12,SNR=9.0			S	Sn	08 45 45.2 +1.2
ESLA	Sonsec Array	4.62	351	ePn	Pn	08 45 45.5 +1.5
EBAD	Badajoz	4.86	320	P	Pn	08 45 47.1 -0.3
EBAD	4.3nm,0.3s,SNR=8.8			S	Sn	08 46 41.2 -2.0
EBAD	Badajoz	4.86	320	P	Pn	08 45 47.1 -0.2
EBAD	4.3nm,0.3s,SNR=8.8			S	Sn	08 46 41.2 -1.9
EIBI	Ibiza	5.21	40	P	Pn	08 45 51.5 -0.7
EIBI	1.6nm,0.2s			S	Sn	08 46 09.8 +1.4
EIBI	Ibiza	5.21	40	P	Pn	08 45 51.5 -0.7
EIBI	2.3nm,0.2s,SNR=7.9			S	Sn	08 46 09.5 +1.1
GUD	Guadarrama	5.59	351	P	Pn	08 45 57.6 +0.1
GUD	0.6nm,0.2s,SNR=9.9			S	Sn	08 46 11.0 +0.6
ETOR	Torete	5.74	7	P	Pn	08 46 00.8 +1.4
ETOR	2.2nm,0.3s,SNR=7.9			S	Sn	08 46 23.1 +0.6
ERTAS	Horta de San J	6.54	43	P	Pn	08 46 23.1 +0.6
ERTAS	1.0nm,0.2s,SNR=4.0			S	Sn	08 46 23.1 +0.6
ECAL	Calabor	7.42	338	P	Pn	08 46 23.1 +0.6
ECAL	0.4nm,0.1s,SNR=7.9			S	Sn	08 46 23.1 +0.6

NIED 01 09:05:00.4640N:15360E,h8km,Mw6.4, Best double couple: M₀:6.2000e+10; N₁:225.0000e+07; δ₃₇:0.0000e+00; λ₁₀₇:0.0000e+00; NP₂:16.0000e+07; δ₃₇:0.0000e+00; λ₆₆:0.0000e+00; SKHL 01 09:05:55.3e+1.9, 4600N:15422E,h50km,18km,mb7.0/8, mbh6.9/8, Ms6.7/6, msh6.9/4

JMA 01 09:05:59.5e+0.9, 4644N:15361E,h30km,M6.6

CRAAG 01 09:05:59.2, 4655N:15328E,Mw6.6

ISCJB 01 09:06:00.2e+0.1, 4632N:15331E,0.01,h19km, mb6.0/364, MS6.4/228, Error ellipse: s-maj=2.9km s-min=1.3km az=150.5

BUI 01 09:06:00.2, 4652N:15315E,h16km, mB6.6, mb5.7, Ms6.5, Msz=3.3

IGIL 01 09:06:01.5, 4655N:15317E,h10km, MS6.7

IDC 01 09:06:01.1e+1.3, 4642N:15329E,h14km,7km, mb5.3/29, mb1.5/31, mb1mx5.3/32, mbtmp5.3/31, ML4.4/2, MS6.5/30, Ms1.6/4.30, ms1mx6.2/43, Error ellipse: s-maj=10.6km s-min=7.2km az=106.0

BGS 01 09:06:01.7, 4683N:15461E,h10km, mb6.1, MS6.2

GCMT 01 09:06:02.3e+0.0, 4638N:15364E,h13km, MW6.5/110, Moment Tensor Solution. s107,c255; s110,c499; Duration: 4s Moment tensor: Scale 10¹⁹Nm; M₀:0.67e+00; M₀₀:0.24e+00; M₀₂:0.42e+00; M₂₀:0.22e+01; M₂₂:0.39e+00; M₃₂:0.40e+01; Best double couple: M₀:8.2800e+10; N₁:224.0000e+07; δ₃₇:0.0000e+00; λ₁₀₀:0.0000e+00; NP₂:33.0000e+07; δ₆₂:0.0000e+00; λ₈₅:0.0000e+00; Principal axes: T 0.8020, Plg73.0000°, Azm289.0000°; N 0.0510, Plg5.0000°, Azm35.0000°; P -0.8530, Plg16.0000°, Azm127.0000°; nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=50s.

MOS 01 09:06:02.4e+1.0, 4645N:15323E,h31km, mb6.5/103, MS6.6/69 Error ellipse: s-maj=6.0km s-min=3.2km az=104.4 Broadband fault plane solution: P waves. M₀:1.3000e+10; N₁:30.0000e+07; δ₃₇:0.0000e+00; λ₉₆:0.0000e+00; NP₂:199.0000e+07; δ₃₂:0.0000e+00; λ₈₁:0.0000e+00; Principal axes: T Plg78.0000°, Azm316.0000°; N Plg5.0000°, Azm207.0000°; P Plg13.0000°, Azm115.0000°

NEIC 01 09:06:02.3e+0.1, 4647N:15324E,h19km, mb6.1/230, ME6.3, MS6.4/156, MW6.5, MW6.7(MOS) Error ellipse: s-maj=3.2km s-min=2.1km az=169.0, Moment Tensor Solution. s33 Moment tensor: Scale 10¹⁸Nm; M₀:1.59; M₀₀:0.04; M₀₂:0.37; M₂₀:0.69; M₂₂:0.30; Best double couple: M₀:6.0000e+10; N₁:223.0000e+07; δ₃₇:0.0000e+00; λ₈₃:0.0000e+00; NP₂:273.0000e+07; δ₃₁:0.0000e+00; λ₁₃₉:0.0000e+00; Principal axes: T 0.0400, Plg52.0000°; Azm303.0000°; N -0.1800, Plg6.0000°, Azm44.0000°; P -5.8900, Plg37.0000°, Azm140.0000°; Broadband fault plane solution: P waves. N₁:225.0000e+07; δ₃₅:0.0000e+00; λ₉₀:0.0000e+00; NP₂:45.0000e+07; δ₈₅:0.0000e+00; λ₉₀:0.0000e+00; Principal axes: T Plg50.0000°, Azm315.0000°; N Plg0.0000°, Azm0.0000°; P Plg40.0000°, Azm135.0000°; Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.

NEIC Felt (I) at Misawa, Japan.

SZGRF 01 09:06:18.4, 4827N:15113E,h33km, mb6.4, MS6.6, Kuril Islands, Russia

ISC 09:06:02.5e+0.1, 4647N:02.15321E,0.01,h21km, h21km,1.0km;P-P,N1706e+15,δ1505/1877,mb6.0/364, MS6.4/228,371C-251D,Kuril Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
KUR	Kuril'sk	3.93	254	eP	09 07 00.5	-1.1
KUR	Kuril'sk			AMB	09 07 06.0	
KUR	30μm,5.0s			AMB	09 07 06.0	
KUR	76μm,5.0s			AMB	09 07 06.0	
KUR	50μm,5.0s			AMB	09 07 06.0	
KUR	Kuril'sk			iS	09 07 48.0	+0.9
KUR	Kuril'sk			A	09 07 59.6	
KUR	58μm,5.0s			A	09 07 59.6	
KUR	304μm,15.0s			AMS	09 08 42.0	
KUR	243μm,15.0s			AMS	09 08 42.0	
KUR	Kuril'sk	3.93	254	Pn	09 07 00.5	-1.1
KUR	Kuril'sk			iS	09 07 48.0	+0.9
KUR	comp=N,30μm,5.0s			pmx	pmx	
KUR	comp=E,76μm,5.0s			pmx	pmx	
KUR	comp=Z,50μm,5.0s			MLR	MLR	
KUR	comp=E,304μm,15.0s			MLR	MLR	
SKR	Severo-Kuril's	4.64	24	eP	09 07 06.1	-5.3
SKR	Severo-Kuril's			AMB	09 07 10.0	
SKR	comp=Z,13μm,4.0s			AMB	09 07 10.0	
SKR	comp=Z,10μm,4.0s			AMB	09 07 10.0	
SKR	comp=Z,13μm,4.0s			AMB	09 07 10.0	
SKR	comp=Z,10μm,4.0s			AMB	09 07 10.0	
SKR	comp=Z,11μm,4.0s			AMB	09 07 11.5	
SKR	comp=Z,11μm,4.0s			AMB	09 07 11.5	
SKR	comp=Z,11μm,0.8s			AMB	09 07 11.5	
SKR	comp=Z,1μm,0.8s			AMB	09 07 11.5	
SKR	comp=Z,60μm,10.0s			A	09 08 10.0	
SKR	comp=Z,284μm,10.0s			A	09 08 10.0	
SKR	comp=Z,121μm,10.0s			A	09 08 10.0	
SKR	comp=Z,50μm,10.0s			A	09 08 10.0	
SKR	comp=Z,300μm,10.0s			A	09 08 10.0	
SKR	comp=Z,115μm,10.0s			A	09 08 25.5	
SKR	comp=Z,7μm,0.6s			A	09 08 25.5	
SKR	comp=Z,4μm,0.6s			A	09 08 25.5	
SKR	comp=Z,2μm,0.6s			A	09 08 25.5	
SKR	comp=Z,327μm,14.0s			AMS	09 09 30.0	
SKR	comp=Z,1033μm,14.0s			AMS	09 09 30.0	
SKR	comp=Z,450μm,14.0s			AMS	09 09 30.0	
YUK	Yuzh-Kuril'sk	5.73	248	eP	09 07 27.0	+0.7
YUK	Yuzh-Kuril'sk			AMB	09 07 35.0	
YUK	comp=Z,24μm,5.0s			AMB	09 07 35.0	
YUK	comp=Z,83μm,5.0s			AMB	09 07 37.4	
YUK	comp=Z,5μm,0.4s			AMB	09 07 37.5	
YUK	comp=Z,3μm,0.5s			AMB	09 07 37.5	
YUK	comp=Z,3μm,0.5s			eS	09 08 39.5	+8.1
YUK	comp=Z,105μm,3.0s			A	09 08 53.0	
YUK	comp=Z,160μm,3.0s			A	09 09 09.5	
YUK	comp=Z,10μm,0.8s			A	09 09 09.5	
YUK	comp=Z,43μm,0.8s			A	09 09 29.0	
YUK	comp=Z,393μm,16.0s			AMS	09 09 29.0	

YUK	comp=Z,454μm,19.0s
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JNB	Noboribetsu	9.57 250	P	Pn	09 08 18.1	-1.0
JNB			eS	Sn	09 10 02.9	-3.1
OKH	Okha	9.69 321	i P	Pn	09 08 22.2	+1.5
OKH			eP		09 08 23.2	
OKH	comp=Z,8µm,1.6s		AMB	AMB	09 08 30.9	
OKH	comp=Z,31µm,5.0s		AMB	AMB	09 08 32.2	
OKH	comp=Z,30µm,5.0s		AMB	AMB	09 08 32.2	
OKH	comp=Z,44µm,5.0s		AMB	AMB	09 08 32.2	
OKH	Okha	9.69 321	eS	Sn	09 10 21.8	+13
OKH			i P	Pn	09 08 22.4	+1.7
OKH			eS	Sn	09 10 22.0	+13
OKH	comp=Z,44µm,5.0s		pmax	pmax		
JKB	Kayabe	9.87 247	P	Pn	09 08 20.7	-2.5
JKB			eS	Sn	09 10 05.6	-7.7
JSH	Shimam	10.14 253	P	Pn	09 08 27.2	+0.3
JVM2	Yakumo 2	10.18 249	i P	Pn	09 08 27.2	-0.2
JSR	Shiruchi	10.45 246	P	Pn	09 08 29.6	-1.5
JANG	Nango	10.46 239	P	Pn	09 08 27.5	-3.7
JANG			eS	Sn	09 10 16.6	-1.1
JTM	Tenmabayashi	10.47 242	i P	Pn	09 08 27.7	-3.7
JTM			eS	Sn	09 10 15.9	-1.2
NKL	Nikolayevsk	10.49 314	i P	Pn	09 08 33.0	+1.3
NKL			AMB	AMB	09 08 37.0	
NKL	comp=Z,14µm,6.0s		AMB	AMB	09 08 37.0	
NKL	comp=Z,14µm,6.0s		AMB	AMB	09 08 37.0	
NKL	comp=Z,22µm,6.0s		AMB	AMB	09 08 41.2	
NKL	comp=Z,470nm,1.3s		AMB	AMB	09 08 41.2	
NKL	comp=Z,3µm,1.3s		AMB	AMB	09 08 41.2	
JTH	Tanohata	10.54 236	P	Pn	09 08 27.9	-4.4
JTH			eS	Sn	09 10 19.9	-1.0
JOSM	Okushiri-Mats	10.78 251	P	Pn	09 08 34.6	-1.0
OFUJ	Ofunato	11.23 233	P	Pn	09 08 37.3	-4.6
OFUJ			eS	Sn	09 10 35.5	-1.1
JRG	Rokugo	11.61 237	P	Pn	09 08 43.2	-3.7
TEY	Ternei	11.69 269	eP	Pn	09 08 50.0	+1.9
TEY			AMB	AMB	09 08 59.0	
TEY	comp=Z,130nm,1.0s		AMB	AMB	09 08 59.0	
TEY	comp=Z,310nm,1.0s		AMB	AMB	09 08 59.0	
JOG2	Oga 2	11.77 241	P	Pn	09 08 46.2	-3.0
JIO	Ouri	11.86 232	P	Pn	09 08 45.4	-5.0
JIO			eS	Sn	09 10 49.4	-1.3
GRNR	Gornyy	11.91 297	eP	Pn	09 08 51.0	-0.1
GRNR			AMB	AMB	09 08 54.8	
JYA	Atsumi	12.68 236	P	Pn	09 08 57.9	-3.6
JFK	Kawauchi	12.91 230	P	Pn	09 09 00.7	-4.1
JFK			eS	Sn	09 11 15.2	-1.3
MA2	Magadan	13.21 355	i P	Pn	09 09 09.9	+1.0
MA2			i S	Sn	09 11 42.3	+7.1
MA2	comp=Z,100nm,0.5s		pmax	pmax		
MA2	comp=Z,131µm,14.2s		MLR	MLR		
JFY	Yanaizu	13.51 233	P	Pn	09 09 08.9	-4.1
JSD	Sado	13.89 238	i P	Pn	09 09 14.4	-3.8
JAG	Ashikaga	14.37 231	P	Pn	09 09 21.0	-3.7
EKMR	Ekimchan	14.63 304	eP	Pn	09 09 29.1	+0.8
EKMR			AMB	AMB	09 09 47.0	
EKMR	comp=Z,110nm,0.8s		AMB	AMB	09 09 47.0	
EKMR	comp=Z,350nm,0.8s		AMB	AMB	09 09 47.0	
EKMR	comp=Z,440nm,0.8s		AMB	AMB	09 09 47.0	
KLR	Kul'dur	14.66 289	i P	Pn	09 09 28.8	+0.1
KLR			i P	Pn	09 09 29.0	
SMY	Shemya	14.90 58	eP	Pn	09 09 27.4	-4.5
SMY	Shemya	14.90 58	eP	Pn	09 09 29.5	-2.4
SMY			eS	Sn	09 12 02.6	-1.4
MJAR	Matsushiro Arr	14.96 234	Pn	Pn	09 09 30.6	-2.2
MJAR	comp=Z,1.4nm,0.3s,baz=30,slow=12,SNR=35		Sn	Sn	09 12 10.5	-7.3
MJAR	Matsushiro Arr	14.96 234	P	Pn	09 09 30.6	-2.2
MJAR	comp=Z,0.4nm,0.3s,baz=318,slow=20,SNR=2.1		Pn	Pn	09 12 10.5	
MJAR			pmax	pmax		
MAJO	Matsushiro	14.96 234	eP	Pn	09 09 32.0	-0.8
MAJ	Matsushiro	14.96 234	P	Pn	09 09 29.0	-3.8
MAJ			eS	Sn	09 12 11.5	+1.5
JNG	Nsakai	15.12 234	P	Pn	09 09 32.0	-2.8
VLA	Vladivostok	15.49 265	i P	Pn	09 09 38.0	-1.7
VLA			e		09 12 36.2	
VLA	comp=Z,11µm,1.6s		pmax	pmax		
VLA	Vladivostok	15.49 265	i P	Pn	09 09 38.7	-1.0
JGN	Niukaw	15.69 235	P	Pn	09 09 39.7	-2.6
JAO	Obara	16.42 233	P	Pn	09 09 49.4	-2.3
SEY	Seymchan	16.51 359	eP	Pn	09 09 51.9	-0.9
SEY	Seymchan	16.51 359	eP	Pn	09 09 51.0	-1.8
MDJ	Mudanjiang	16.64 272	P	Pn	09 09 54.8	+0.4
MDJ			AP	pP	09 10 00.8	-1.7
MDJ			XP	sP	09 10 04.0	-1.2
MDJ			S	S	09 12 58.0	-0.5
MDJ			SS	SS	09 13 16.6	
MDJ	comp=Z,786nm,1.0s		AMB	AMB		
MDJ	comp=Z,11µm,5.8s		AMB	AMB		
MDJ	comp=N,124µm,21.2s		LR	LR		
MDJ	comp=Z,130µm,18.6s		LR	LR		
MDJ	Mudanjiang	16.64 272	eP	Pn	09 09 54.8	+0.3
JHJ	Hachioji jima 2	16.82 222	Pn	Pn	09 09 56.5	-0.3
JHJ	comp=Z,6.3nm,0.3s,baz=70,slow=15,SNR=1.7		Sn	Sn	09 12 47.1	-1.6
AMKA	Amchitka	17.79 64	eP	Pn	09 10 09.2	+0.4
ZEA	Zeya	18.10 303	eP	Pn	09 10 10.0	-2.6
ZEA			AMB	AMB	09 10 18.3	
ZEA	comp=Z,330nm,1.3s		AMB	AMB	09 10 18.3	
ZEA	comp=Z,870nm,1.3s		AMB	AMB	09 10 18.3	
ZEA	comp=Z,1µm,1.3s		AMB	AMB	09 10 18.3	
ZEA	comp=Z,12µm,12.0s		AMB	AMB	09 10 22.0	
ZEA	comp=Z,49µm,12.0s		A	A	09 13 51.0	
ZEA	comp=Z,8µm,16.0s		A	A	09 13 51.0	
ZEA	comp=Z,25µm,16.0s		A	A	09 13 51.0	
KROS	Kirovskiy	18.43 305	i P	Pn	09 10 14.5	-2.1
KROS			AMB	AMB	09 10 28.0	
KROS	comp=Z,170nm,0.9s		AMB	AMB	09 10 28.0	
KROS	comp=Z,600nm,0.9s		AMB	AMB	09 10 28.0	
KROS	comp=Z,590nm,0.9s		AMB	AMB	09 10 28.0	
JHS	Saityo	19.00 240	P	Pn	09 10 23.5	0.0
JGT	Goisu	19.45 241	P	Pn	09 10 28.9	0.0
CN2	Changchun	19.73 272	eP	Pn	09 10 28.7	-3.6
CN2			eS	Sn	09 14 03.4	-1.0
CN2			eSS	SS	09 14 29.8	
CN2	comp=N,121µm,17.0s		LR	LR		
CN2	comp=E,73µm,17.0s		LR	LR		
CLNS	Chul'man	20.25 311	eP	P	09 10 36.7	+0.2
CLNS			eS	Sn	09 14 24.3	+1.6
CLNS	Chul'man	20.25 311	eP	P	09 10 36.7	+0.2
CLNS			e	S	09 10 51.7	
CLNS			eS	Sn	09 14 24.3	+1.6
CLNS			e	S	09 14 39.1	
CLNS			eSS	SS	09 14 58.5	
CLNS	comp=Z,1µm,1.3s		pmax	pmax		

CLNS	comp=N,2µm,1.4s		pmax	pmax		
CLNS	comp=E,636nm,1.1s		smax			
CLNS	comp=N,435nm,1.1s		smax			
CLNS	comp=Z,168nm,1.4s		smax			
CLNS	comp=E,241nm,1.2s		MLR	MLR		
CLNS	comp=Z,268µm,16.0s,MS6.7		MLR	MLR		
CLNS	comp=N,161µm,15.0s,MS6.7		MLR	MLR		
YAK	comp=Z,203µm,15.0s,MS6.7		MLR	MLR		
YAK	Yakutsk	20.59 328	i P	P	09 10 38.3	-1.9
YAK			e	S	09 10 53.1	
YAK			eS	S	09 14 19.4	-10
YAK			pmax	pmax		
YAK	comp=Z,249nm,1.1s		pmax	pmax		
YAK	comp=N,130nm,1.5s		pmax	pmax		
YAK	comp=E,90nm,1.3s		smax			
YAK	comp=N,10µm,5.9s		smax			
YAK	comp=Z,4µm,5.6s		smax			
YAK	comp=E,11µm,3.9s		MLR	MLR		
YAK	comp=Z,89µm,22.0s,MS6.1		MLR	MLR		
YAK	comp=N,91µm,17.0s,MS6.4		MLR	MLR		
YAK	comp=E,109µm,20.0s,MS6.4		MLR	MLR		
KS15	Wonju Array Si	20.81 253	ePn	P	09 10 43.3	+0.8
CBJ	Chichi jima	21.21 208	P	P	09 10 46.6	-0.2
CBJ			S	S	09 14 32.3	-9.4
INCN	Inchon	21.62 255	P	P	09 10 52.3	+1.1
INCN	Inchon	21.62 255	P	P	09 10 52.4	+1.2
INCN	SNR=150					
INCN	Inchon	21.62 255	eP	P	09 10 52.6	+1.4
INCN	comp=E,753nm,0.8s,msb6.2		LR	LR		
SNY	Shenyang	21.69 268	i P	P	09 10 51.7	-0.3
SNY			AP	P	09 10 55.9	
SNY			XP	sP	09 10 58.7	-1.9
SNY			S	S	09 14 42.7	-8.4
SNY	comp=Z,185nm,1.2s,msb5.4		AMB	AMB		
SNY	comp=Z,28µm,12.0s		AMB	AMB		
SNY	comp=N,64µm,16.2s,MS6.4		LR	LR		
SNY	comp=E,93µm,15.6s,MS6.4		LR	LR		
HIA	Hailar	22.52 289	eP	P	09 10 58.5	-2.3
HIA			pmax	pmax		
HIA	comp=Z,442nm,1.1s		MLR	MLR		
HIA	comp=Z,93µm,19.0s		MLR	MLR		
HIA	Hailar	22.52 289	eP	P	09 10 58.5	-2.4
HIA	comp=Z,442nm,1.1s,msb5.8		LR	LR		
HIA	comp=Z,93µm,19.0s,MS6.2		LR	LR		
BILL	Bilibino	22.65 13	i P	P	09 11 00.6	-1.7
BILL			i S	S	09 11 14.6	
BILL			pmax	pmax	09 15 09.7	+0.1
BILL	comp=Z,123nm,1.2s,msb5.2		MLR	MLR		
BILL	comp=Z,127µm,16.0s,MS6.5		MLR	MLR		
DL2	Dalian	24.29 263	i P	P	09 11 18.4	0.0
DL2			AMB	AMB		
DL2	comp=Z,510nm,1.2s,msb5.8		AMB	AMB		
DL2	comp=Z,12µm,6.3s		LR	LR		
DL2	comp=N,24µm,16.6s,MS5.9		LR	LR		
DL2	comp=E,18µm,16.5s,MS5.9		LR	LR		
DL2	comp=Z,23µm,16.0s,MS5.8		LR	LR		
SPIA	Saint Paul Is	24.70 51	eP	P	09 11 25.2	+3.1
BOD	Bodaibo	26.22 310	i P	P	09 11 34.2	-1.7
BOD			pmax	pmax		
CIT	Chita	26.23 297	eP	P	09 11 34.8	-1.2
CIT			e	S	09 12 24.8	
CIT			e	S	09 15 02.8	
CIT	comp=Z,530nm,2.9s,msb5.6		pmax	pmax		
UNV	Unalaska Valle	26.55 59	PFAKE	LR	09 11 50.0	+1.1
UNV			LR	LR		
BJI	Beijing	27.54 270	P	P	09 11 48.3	+0.5
BJI			AMB	AMB		
BJI	comp=Z,542nm,0.8s,msb6.2		AMB	AMB		
BJI	comp=Z,14µm,7.5s		LR	LR		
BJI	comp=N,58µm,15.3s,MS6.5		LR	LR		
BJI	comp=E,99µm,17.9s,MS6.5		LR	LR		
BJI	comp=Z,99µm,18.9s,MS6.4		LR	LR		
BJI	Beijing	27.54 270	P	P	09 11 48.3	+0.5
BJI	comp=Z,542nm,0.8s,msb6.2		sP	sP	09 11 52.6	-4.0
BJI			S	S	09 16 38.2	+10
BJI	comp=Z,99µm,18.9s,MS6.4		S	S		
BJT	Baijiatou	27.55 270	eP	P	09 11 48.2	+0.3
BJT			pmax	pmax		
BJT	comp=Z,513nm,0.9s		MLR	MLR		
BJT	comp=Z,147µm,19.0s		MLR	MLR		
BJT	Baijiatou	27.55 270	eP	P	09 11 48.2	+0.3

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PKI E05A	Pulchoki Randle	55.63 275 56.64 56	eP	P	09 15 38.3 +1.4
E05A	baz=55				09 15 36.3 -0.7
MPOR H03A	Mary's Peak Soap Creek Ran	55.74 59 55.79 59	eP	P	09 15 39.1 +1.5
H03A	baz=56				09 15 37.9 -0.1
DMN	Daman	55.81 276	eP	P	09 15 27.3 +3.4
D06A	comp=Z,2um,0.9s,mb7.1	55.82 55	eP	P	09 15 38.0 -0.2
D06A	baz=56				09 15 24.5 +0.3
COR	Corvallis	55.84 59	eP	P	09 15 39.1 +0.8
COR	comp=Z,435nm,1.4s,mb6.3				
I02A	Mapleton	55.85 60	eP	P	09 15 37.4 -1.1
I02A	baz=56				09 15 27.0 +2.4
PMG	Port Moresby	55.88 187	eP	P	09 15 39.4 +0.8
PMG	comp=Z,37nm,0.9s,mb5.4, baz=5.1, slow=7.1, SNR=3.5				09 23 25.8 +0.7
PMG	comp=Z,9.3nm,0.8s, baz=171, slow=13, SNR=2.7				09 15 39.4 +0.7
PMG	Port Moresby	55.88 187	eP	P	09 23 25.8 +0.7
PMG	comp=Z,37nm,1.0s				
PMG	comp=N,9.0nm,0.9s				
PMG	comp=Z,21um,21.4s				
PMG	Port Moresby	55.88 187	eP	P	09 15 40.5 +1.8
PMG	comp=Z,54nm,1.0s,mb5.5				
GKN	Gorkha	55.89 276	eP	P	09 15 39.5 +0.8
HNR	Honiara	55.97 172	eP	P	09 15 40.1 +0.8
HNR	comp=Z,80nm,0.9s,mb5.7, baz=268, slow=3.1, SNR=4.2				09 35 36.8
HNR	Honiara	55.97 172	eP	P	09 15 39.3 0.0
HNR	comp=Z,384nm,1.2s,mb6.3				
HNR	Honiara	55.97 172	eP	P	09 15 39.3 0.0
HNR	comp=Z,384nm,1.2s,mb6.3				
G04A	Mulino	55.98 58	eP	P	09 15 38.3 -1.0
G04A	baz=56				09 23 26.8 +0.5
C07A	Waterville	55.99 54	eP	P	09 15 39.0 -0.5
C07A	baz=56, SNR=16				09 23 26.4 0.0
NNT A09A	Nongplab Danville	56.07 251 56.09 53	eP	P	09 15 40.5 +0.5
A09A	baz=56, SNR=45				09 23 28.2 +0.3
E06A	Yakima	56.10 56	eP	P	09 15 39.6 -0.7
E06A	baz=56				09 15 29.4 +1.4
EBG K01A	Ellensburg Sixes	56.13 55 56.13 61	eP	P	09 15 40.6 +0.1
K01A	baz=56				09 15 40.2 -0.3
KEBM SSOR F05A	Edson Butte Sweet Salmons White Salmon	56.18 61 56.18 58 56.19 57	eP	P	09 23 31.9 +3.4
F05A	baz=56				09 15 43.2 +2.3
KK31	Karatay Array	56.19 299	eP	P	09 15 41.5 +0.6
I03A	Eugene	56.20 60	eP	P	09 15 40.3 -0.6
I03A	baz=56, SNR=12				09 23 30.4 +1.2
DANN	Dangising	56.27 277	eP	P	09 15 40.3 -0.6
J02A	Umpqua	56.36 60	eP	P	09 15 42.7 +1.4
J02A	comp=Z,12nm,0.8s,mb5.0				09 23 33.5 -1.6
HOOD H04A	Mount Hood Mea Detroit Lake	56.40 58 56.44 58	eP	P	09 15 42.8 +0.7
H04A	baz=56, SNR=37				09 23 33.5 +2.0
EDM C08A	Edmonton Higginbotham F	56.47 46 56.50 54	eP	P	09 15 43.5 +1.1
C08A	baz=56				09 15 42.3 -0.4
BROR HSO KBO G05A	Big Rock Looko Harness Mounta Gosley Butte Wamic	56.52 59 56.62 52 56.64 57	eP	P	09 15 42.3 +0.5
G05A	baz=56, SNR=16				09 23 31.9 -1.5
B09A	Rice	56.64 53	eP	P	09 15 43.3 +0.1
B09A	baz=56, SNR=15				09 15 45.5 +1.9
A10A	Northport	56.65 52	eP	P	09 15 45.9 +2.0
A10A	comp=Z,37nm,1.0s,mb5.4				09 15 44.1 0.0
F06A	Goldendale	56.65 57	eP	P	09 23 35.4 +0.3
F06A	baz=56				09 15 42.7 -1.4
J03A	Ideyld Park	56.72 60	eP	P	09 23 33.5 -1.6
J03A	comp=Z,12nm,0.8s,mb5.0				09 15 42.8 -1.4
E07A	Sunnyside	56.74 55	eP	P	09 23 35.0 -0.3
E07A	baz=56				09 15 43.0 -1.2
K02A	Koldanda Glendale	56.75 277 56.75 61	eP	P	09 23 35.5 +0.2
K02A	baz=56, SNR=16				09 15 44.9 +0.3
CAL M01C	Calcutta Crescent City	56.86 269 56.89 62	eP	P	09 15 43.5 +1.1
M01C	baz=57				09 15 42.3 -0.4
C09A	Chrisman Ranch	56.92 54	eP	P	09 23 33.3 +0.8
C09A	baz=57				09 15 42.3 -0.5
DAG	Danmarks Havn	56.93 358	eP	P	09 15 42.6 -0.5
DAG	comp=Z,481nm,1.1s,mb6.4				09 23 31.9 -1.5
DAG	Danmarks Havn	56.93 358	eP	P	09 15 43.3 +0.1
DAG	comp=Z,31um,17.0s				09 15 45.5 +1.9
DAG	comp=Z,480nm,1.1s,mb6.4				09 15 45.9 +2.0
DAG	Danmarks Havn	56.93 358	eP	P	09 15 44.1 0.0
DAG	comp=Z,31um,17.0s				09 23 35.4 +0.3
DAG	comp=Z,480nm,1.1s,mb6.4				09 15 42.7 -1.4
DAG	Danmarks Havn	56.93 358	eP	P	09 23 33.5 -1.6
DAG	comp=Z,31um,17.0s,MS6.5				09 15 42.8 -1.4
DAG	comp=N,29um,19.0s				09 23 35.0 -0.3
D08A	Wollman Farm	56.98 55	eP	P	09 15 43.0 -1.2
D08A	baz=57				09 23 35.5 +0.2
HAWA	Hanford	57.01 56	eP	P	09 15 44.9 +0.3
HAWA	comp=N,172nm,1.3s,mb5.9				09 15 44.2 -0.6

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HAWA	comp=Z,18um,20.0s,MS6.2	57.03 58	eP	P	09 15 46.8 -0.1
H05A	Madras	57.03 58	eP	P	09 15 46.8 -0.1
H05A	baz=57, SNR=28				09 23 42.7 +2.5
L02A	Cave Junction	57.03 62	eP	P	09 15 47.2 +0.3
L02A	baz=57, SNR=17				09 23 44.6 +4.3
G06A	Carlson Farm	57.04 57	eP	P	09 15 49.9 0.0
G06A	baz=57, SNR=23				09 23 41.7 +1.3
LVZ	Lovozero	57.05 337	eP	P	09 15 45.5 -1.5
LVZ	comp=Z,920nm,0.8s,mb6.9,SNR=10.0				09 15 45.7 -1.3
LVZ	Lovozero	57.05 337	eP	P	09 23 36.3 -4.3
LVZ	comp=Z,2um,4.4s				
LVZ	comp=N,635nm,4.6s				
LVZ	comp=E,847nm,4.8s				
LVZ	comp=Z,160nm,1.3s,mb5.9				
LVZ	comp=N,55nm,1.2s				
LVZ	comp=E,22nm,0.8s				
LVZ	comp=Z,2um,16.6s				
LVZ	comp=N,5um,14.3s				
LVZ	comp=E,3um,15.6s				
LVZ	comp=N,30um,18.0s,MS6.5				
LVZ	comp=Z,45um,18.0s,MS6.6				
LVZ	comp=E,15um,19.0s,MS6.5				
LVZ	Lovozero	57.05 337	eP	P	09 15 46.2 -0.8
F07A	Pinny Hill Vi	57.07 56	eP	P	09 15 46.6 -0.5
F07A	baz=57, SNR=6.1				09 23 40.9 0.0
KRMB B10A	Red Mountain Chitwood Farm	57.21 62 57.22 53	eP	P	09 15 48.9 +0.7
B10A	baz=57				09 15 48.1 -0.1
B10A	baz=57				09 23 42.5 -0.3
I05A	Bend	57.28 59	eP	P	09 15 46.8 -1.8
I05A	baz=57, SNR=22				09 23 44.2 +0.6
NEW	Newport	57.30 53	eP	P	09 15 49.4 +0.6
NEW	comp=E,1.1nm,0.6s, baz=346, slow=17, SNR=2.0				09 23 43.7 -0.1
NEW	Newport	57.30 53	eP	P	09 15 48.3 -0.5
NEW	comp=E,287nm,1.5s,mb6.1				
NEW	comp=Z,28um,22.0s,MS6.3				
D09A	Jones Farm, RI	57.32 54	eP	P	09 15 47.0 -2.0
D09A	baz=57, SNR=17				09 23 44.0 -0.2
C10A	Spiker Farm	57.45 53	eP	P	09 15 49.0 -0.8
C10A	baz=57				09 23 45.9 +0.1
H06A	Lindquist Farm	57.50 58	eP	P	09 15 50.1 -0.1
H06A	baz=57, SNR=36				09 23 48.1 +1.7
JCC	Jacoby Creek	57.55 63	eP	P	09 15 51.0 +0.6
JCC	baz=57				09 23 50.4 +3.3
G07A	Ruggs Ranch, H	57.58 57	eP	P	09 15 50.5 -0.3
G07A	baz=57, SNR=17				09 23 49.7 +2.2
APA	Apacity	57.62 337	eP	P	09 15 49.0 -2.0
APA	comp=Z,37nm,0.9s,mb5.4				09 15 55.0 -2.6
APA	comp=N,2um,8.0s				09 16 06.0
APA	comp=E,2um,8.0s				09 16 38.0
APA	comp=Z,4um,8.0s				09 23 43.0 -5.1
APA	comp=Z,110um,17.0s,MS7.0				09 25 42.0
KEV	Kevo	57.63 341	eP	P	09 15 49.7 -1.4
KEV	comp=Z,13nm,0.5s,mb5.2				09 15 49.6 -1.5
KEV	Kevo	57.63 341	eP	P	09 15 52.8 +1.2
KEV	comp=Z,58nm,0.9s,mb5.6				09 15 51.3 -0.3
KHMM A12A	Horse Mountain Yaak River Ran	57.70 63 57.71 51	eP	P	09 15 49.5 +0.2
A12A	baz=58, SNR=15				09 15 52.8 +1.1
BOK	Bokaro	57.72 271	eP	P	09 16 02.1
BOK	comp=Z,377nm,1.0s,mb6.4				09 15 51.2 -0.6
E09A	Wood Farm, Sta	57.73 55	eP	P	09 23 49.7 +0.2
E09A	baz=58, SNR=32				09 15 52.5 0.0
F08A	Pendleton	57.78 56	eP	P	09 15 51.5 +1.3
F08A	baz=58				09 15 53.0 +0.6
J05A	Fort Rock	57.81 59	eP	P	09 23 52.8 +2.3
J05A	baz=58, SNR=47				09 23 51.9 +1.2
YBH	Yreka Blue Hor	57.82 62	eP	P	09 38 49.7
YBH	comp=Z,0.4nm,0.7s, baz=341, slow=20, SNR=1.7				09 15 53.0 +0.6
YBH	comp=Z,22um,18.2s,MS6.3, baz=308, slow=34				
YBH	Yreka Blue Hor	57.82 62	eP	P	09 15 53.2 +0.7
YBH	comp=Z,170nm,1.4s,mb5.9				09 23 54.4 +3.7
YBH	comp=Z,19um,19.0s,MS6.2				09 23 55.1 +0.1
YBH	Yreka Blue Hor	57.82 62	eP	P	09 15 53.0 -0.2
YBH	baz=58, SNR=34				09 15 53.2 +0.7
K04A	Chiquin	57.90 60	eP	P	09 23 54.4 +3.7
K04A	baz=58				09 23 54.1 +0.1
M02C	Gallahan	57.93 62	eP	P	09 23 54.2 +2.5
M02C	baz=58, SNR=24				09 15 52.7 -0.5
M02C	comp=Z,413nm,1.6s,mb6.2				09 23 55.9 +3.7
G08A	Pilot Rock	57.97 56	eP	P	09 15 53.4 -0.1
G08A	baz=58, SNR=34				09 23 54.3 +1.6
LGTI N02C	Bohaghat Big Bar	57.98 280 57.99 63	eP	P	09 15 54.3 +0.7
N02C	baz=58, SNR=12				09 15 53.3 -0.3
N02C	comp=Z,15um,20.0s,MS6.1				09 23 56.0 +3.1
B12A	Libby	58.01 52	eP	P	09 15 53.5 -0.3
B12A	baz=58				09 23 53.0 -0.2
I06A	Prineville	58.03 58	eP	P	09 15 53.8 -0.1
I06A	baz=58, SNR=35				09 23 56.8 +3.4
H07A	Lands Inn, Kim	58.03 57	eP	P	09 15 53.2 -0.7
H07A	baz=58				09 23 53.6 +0.2
L04A	Klamath Falls	58.06 61	eP	P	09 15 53.7 -0.4

L04A	baz=58				09 23 57.1 +3.3
O01C	Eel River Cons	58.07 64	eP	P	09 15 54.6 +0.4
O01C	baz=58				09 23 58.0 +4.0
ARC					

K07A	Rock Creek Ran	59.34	59	P	P	09 16 03.3 +0.3
K07A	baz=59, SNR=48					
K07A				↓	S	09 24 13.6 +3.3
BHK	Bhakra	59.34	285	eP	X	09 16 05.5 +2.5
BHK						09 16 13.6
J08A	Circle Bar Ran	59.39	58	P	P	09 16 03.7 +0.3
J08A	baz=59, SNR=28					
J08A				↑	S	09 24 13.3 +2.2
I09A	Lost Marbles R	59.45	57	P	P	09 16 03.9 +0.1
I09A	baz=59, SNR=38					
I09A				↓	S	09 24 15.5 +3.5
FUNA	Funafuti	59.46	150	PFAKE	LR	09 16 20.0 +1.6
FUNA	comp=Z,39um,19.0s,MS6.6					
TRO	Tromso	59.47	343	eP	P	09 16 03.4 -0.5
TRO						09 24 56.8
TRO						09 30 09.6
TRO					AMS	09 46 52.9
M06C	Likely Place G	59.49	61	↓	P	09 16 04.5 +0.5
M06C	baz=59, SNR=19					
M06C				↑	S	09 24 14.4 +2.1
O04C	Chester	59.65	62	↑	P	09 16 06.0 +0.9
O04C	baz=59, SNR=14					
O04C				↓	S	09 24 18.0 +3.6
MNRC	McLaughlin Nat	59.68	64	P	P	09 16 05.7 +0.3
MNRC	baz=60, SNR=32					
MNRC				↑	S	09 24 19.3 +4.5
L07A	Adell	59.68	60	↓	P	09 16 05.3 0.0
L07A	baz=59, SNR=34					
L07A				↓	S	09 24 17.5 +2.6
ELFS	Eagle Lake Fie	59.69	62	↑	P	09 16 05.2 -0.2
ELFS	baz=60, SNR=30					
ELFS				↑	S	09 24 17.9 +3.0
K08A	Mann Creek Ran	59.76	58	↑	P	09 16 05.8 -0.1
K08A	baz=60, SNR=30					
K08A				↑	S	09 24 19.0 +3.2
J09A	Fry Pan Ranch	59.82	58	P	P	09 16 06.6 +0.3
J09A	baz=60, SNR=40					
J09A				↓	S	09 24 19.8 +3.1
MCCM	Marconi Confer	59.85	65	eP	P	09 16 06.5 0.0
MCCM	Marconi Confer	59.85	65	↓	P	09 16 05.6 -0.9
MCCM	baz=60					
MCCM				↑	S	09 24 19.8 +2.8
WVOR	Wild Horse Val	59.85	59	eP	Pmax	09 16 06.2 -0.3
WVOR	comp=Z,167nm,1.3s,mb5.9					
WVOR					MLR	
WVOR	comp=Z,19um,19.0s,MS6.2					
WVOR	Wild Horse Val	59.85	59	eP	P	09 16 06.2 -0.3
WVOR	comp=Z,167nm,1.3s,mb5.9					
WVOR					LR	
ORV	Oroville	59.85	63	P	P	09 16 05.7 -0.8
ORV	baz=60, SNR=24					
ORV				↓	S	09 24 18.4 +1.3
SUTB	Sutter Butte	59.87	63	↑	P	09 16 05.9 -0.8
SUTB	baz=60					
SUTB				↑	S	09 24 20.0 +2.6
MSO	Missoula	59.88	52	eP	P	09 16 07.1 +0.3
MSO	comp=Z,255nm,1.4s,mb6.1					
MSO					LR	
ORR	Orenburg	59.89	315	↓	P	09 16 05.2 -1.6
ORR						09 19 53.7
ORR						09 24 23.4 +5.8
ORR					SS	09 28 19.0 +5.1
ORR						
ORR	comp=Z,340nm,1.1s,mb6.3					
ORR					MLR	
O05C	Quincy	59.97	62	P	P	09 16 07.2 -0.2
O05C	baz=60, SNR=9.8					
O05C				↑	S	09 24 20.9 +2.4
CVS	Carmen Viney	59.99	65	↑	P	09 16 06.8 -0.7
CVS	baz=60, SNR=15					
CVS				↑	S	09 24 22.6 +3.7
OHCN	Honecut	60.00	63	eP	P	09 16 07.5 0.0
NIL	Nilore	60.06	289	P	P	09 16 09.2 +1.2
NIL	comp=Z,2um,0.8s,mb7.1,SNR=37					
Q03C	Winters	60.09	64	↑	P	09 16 08.5 +0.3
Q03C	baz=60					
Q03C				↓	S	09 24 24.0 +3.8
N06A	Buffalo Meadow	60.15	61	P	P	09 16 08.3 -0.3
N06A	baz=60, SNR=41					
N06A				↑	S	09 24 23.2 +2.3
M07A	Soldier Meadow	60.16	60	P	P	09 16 09.1 +0.4
M07A	baz=60, SNR=40					
M07A				↑	S	09 24 23.2 +2.2
L08A	Fields	60.17	59	P	P	09 16 08.9 +0.2
L08A	baz=60, SNR=28					
L08A				↑	S	09 24 23.6 +2.5
CHMT	Chamberlain Mo	60.21	52	eP	P	09 16 08.8 -0.2
K09A	Rome	60.23	58	↓	P	09 16 08.5 -0.6
K09A	baz=60, SNR=34					
K09A				↑	S	09 24 25.0 +3.2
Q04C	Lincoln	60.36	64	↓	P	09 16 09.5 -0.6
Q04C	baz=60					
Q04C				↓	S	09 24 25.8 +2.1
BEKR	Beckworth	60.37	62	P	P	09 16 09.8 -0.3
BEKR	baz=60, SNR=41					
BEKR				↓	S	09 24 25.8 +2.1
SAC	San Andreas	60.48	65	eP	P	09 16 10.2 -0.7
O06A	Flanjan	60.51	62	P	P	09 16 11.0 0.0
O06A	baz=60, SNR=38					
O06A				↑	S	09 24 27.4 +1.9
NDI	New Delhi	60.52	282	eP	S	09 16 11.9 +0.8
NDI						09 24 30.0 +4.3
P05C	Yuba Gap, Truc	60.56	63	↑	P	09 16 11.1 -0.3
P05C	baz=60					
P05C				↓	S	09 24 27.8 +1.7
M08A	Happy Creek Ra	60.60	60	P	P	09 16 12.2 +0.6
M08A	baz=60, SNR=15					
M08A				↓	S	09 24 27.6 +1.0
BDM	Black Diamond	60.60	65	↑	P	09 16 11.6 0.0
BDM	baz=60					
BDM				↑	S	09 24 31.3 +4.6
N07B	Gerlach	60.65	61	↑	P	09 16 12.0 0.0
N07B	baz=60, SNR=31					
N07B				↓	S	09 24 29.4 +2.1
L09A	Wilkinson Ranc	60.67	59	P	P	09 16 12.4 +0.3
L09A	baz=60, SNR=23					
L09A				↑	S	09 24 30.6 +3.0
JRSC	Jasper Ridge	60.70	65	↑	P	09 16 11.5 -0.9
JRSC	baz=60					
JRSC				↑	S	09 24 30.3 +2.3
P06A	Stead Airport	60.76	62	↓	P	09 16 12.8 +0.1
P06A	baz=60, SNR=15					
P06A				↓	S	09 24 31.3 +2.5
LAVA	Lava Cap Winer	60.81	63	P	P	09 16 12.7 -0.4
LAVA	baz=61, SNR=21					
LAVA				↑	S	09 24 30.9 +1.6
WENL	Wente Brothers	60.87	65	↑	P	09 16 13.1 -0.4
WENL	baz=61					
WENL				↓	S	09 24 31.4 +1.3

BNLO	Ben Lomond (Sa	60.91	66	↑	P	09 16 12.9 -0.9
BNLO	baz=61, SNR=9.8					
BNLO				↓	S	09 24 31.7 +1.1
SUMC	Summit	60.98	4	P	P	09 16 13.5 -0.7
R04C	Big Horse Ranc	60.99	64	↑	P	09 16 13.6 -0.7
R04C	baz=61					
R04C				↓	S	09 24 33.3 +1.6
KULM	Kulim	61.01	245	eP	P	09 16 14.9 +0.5
PAHR	Pal Rah Range	61.06	62	eP	P	09 16 15.0 +0.2
PAHR	comp=Z,216nm,1.4s,mb6.1					
WCN	Washoe City	61.08	62	↓	P	09 16 14.8 -0.1
WCN	baz=61, SNR=21					
WCN				↑	S	09 24 35.5 +2.8
O07A	Toulon	61.09	61	P	P	09 16 15.2 +0.2
O07A	baz=61, SNR=38					
O07A				↑	S	09 24 34.9 +2.0
HRY	Holter Researc	61.10	52	eP	P	09 16 18.8 +3.7
N08A	GE Springer Mi	61.15	60	↓	P	09 16 14.9 -0.5
N08A	baz=61, SNR=10					
N08A				↓	S	09 24 36.3 +2.6
M09A	Marrel Ranch	61.17	59	↓	P	09 16 15.5 0.0
M09A	baz=61, SNR=23					
M09A				↑	S	09 24 36.4 +2.5
S04C	Ingram Canyon	61.21	65	↑	P	09 16 15.8 0.0
S04C	baz=61, SNR=13					
S04C				↑	S	09 24 37.9 +3.5
R05C	Kirkwood Meado	61.25	63	↓	P	09 16 15.5 -0.6
R05C	baz=61, SNR=27					
R05C				↓	S	09 24 38.1 +3.2
LRM	Limekiln Ridge	61.32	53	eP	X	09 16 16.9 +0.3
PBA	Port Blair	61.39	256	eP	X	09 16 06.4
PBA						09 24 02.8
EGMT	Eagleton	61.40	49	eP	X	09 16 17.0 0.0
EGMT	comp=Z,319nm,1.4s,mb6.3					
EGMT					LR	
EGMT	Eagleton	61.40	49	↓	P	09 16 15.7 -1.4
EGMT	baz=61, SNR=42					
EGMT				↓	S	09 24 37.7 +0.9
IPM	Iphoh	61.41	244	P	P	09 16 19.8 +2.7
O08A	Rochester Mine	61.44	61	↑	P	09 16 17.1 -0.3
O08A	baz=61					
O08A				↑	S	09 24 39.7 +2.3
P07A	Fallon	61.46	62	↓	P	09 16 17.6 +0.1
P07A	baz=61					
P07A				↑	S	09 24 40.9 +3.3
FCC	Fort Churchill	61.46	33	eP	P	09 16 16.6 -0.9
FCC	comp=Z,280nm,1.3s,mb6.2					
FCC					Pmax	
FCC	Fort Churchill	61.46	33	eP	P	09 16 16.6 -0.9
FCC	comp=Z,282nm,1.4s,mb6.2					
CMB	Columbia Colle	61.47	64	eP	P	09 16 17.1 -0.4
CMB	comp=Z,131nm,1.3s,mb5.9					
CMB					LR	
CMB	Columbia Colle	61.47	64	P	P	09 16 17.3 -0.3
CMB	comp=Z,17um,19.0s,MS6.2					
CMB	baz=61, SNR=37					
CMB				↑	S	09 24 39.3 +1.5
N09A	Rock Creek Ran	61.47	60	P	P	09 16 17.8 +0.2
N09A	baz=61, SNR=29					
N09A				↑	S	09 24 39.6 +1.8
DLMT	Dillon	61.52	53	eP	P	09 16 18.4 +0.5
PACP	Pacheco Peak	61.55	65	↓	P	09 16 17.9 -0.2
PACP	baz=61					
PACP				↓	S	09 24 41.3 +2.6
SAO	San Andreas Ge	61.60	65	eP	P	09 16 19.1 +0.7
SAO	comp=Z,64nm,1.1s,mb5.7					
SAO					LR	
HLID	Hailey	61.62	56	eP	P	09 16 19.1 +0.6
HLID	comp=Z,12um,19.0s,MS6.1					
HLID					LR	
HLID	Hailey	61.62	56	↓	P	09 16 17.7 -0.8
HLID	comp=Z,21um,19.0s,MS6.3					
HLID	baz=61, SNR=52					
HLID				↓	S	09 24 42.1 +2.6
JOF	Joensuu	61.62	334	eP	P	09 16 16.5 -2.1
JOF	comp=Z,38nm,0.5s,mb5.8					
JOF						
JOF	Joensuu	61.62	334	eP	Pmax	09 16 16.5 -2.1
JOF						
M10A	L.L. Ranch, Tu	61.64	59	↑	P	09 16 18.4 -0.4
M10A	comp=Z,38nm,0.5s,mb5.8					
M10A	baz=61, SNR=38					
M10A				↑	S	09 24 42.1 +2.1
PECR	Pechory	61.71	323	eP	P	09 16 18.4 -0.8
PECR	baz=61					
PECR						09 17 07.0
PECR						09 20 08.0
PECR						09 24 41.0 +0.2
PECR						09 25 00.0
PECR						09 26 0

Table with columns: RRID, Name, Time, Az, El, Status, P, Az, El, Time. Includes stations like Red Ridge, Vishakhapatnam, Moose Ponds, etc.

Table with columns: MOS, Name, Time, Az, El, Status, P, Az, El, Time. Includes stations like North Lily Min, Daniels Canyon, etc.

Table with columns: Name, Time, Az, El, Status, P, Az, El, Time. Includes stations like Belle Mtn., Iron Mountain, etc.

KPL		S		09 27 19.0	-0.8	
KPL	Plockton	75.07 3481	eP	09 17 41.3	-1.4	
KPL	comp=Z,448nm,1.3s,mb6.2	Amb	AMB	09 17 52.1		
KPL		eS	S	09 27 19.0	-0.8	
KPL		AMS	AMS	09 58 00.6		
KWP	Kalwaria	75.10 329	eP	09 17 43.1	+0.2	
KWP		eP	P	09 17 50.0	-6.5	
KWP		eS	S	09 27 23.1	+3.0	
KWP		eS	SS	09 32 33.9	+2.5	
KWP		L		09 55 10.9		
KWP	comp=Z,72nm,19.8s					
KWP	Kalwaria	75.10 329	eP	09 17 43.1	+0.2	
KWP		eP	P	09 17 50.0	+3.3	
KWP		eS	S	09 27 23.1	+3.0	
KWP		eS	MLR			
KWP	comp=Z,72nm,19.8s,MS7.0					
KWP	Kalwaria	75.10 329	eP	09 17 43.1	+0.2	
KWP		eP	P	09 17 50.0	-6.5	
KWP		eS	S	09 27 23.1	+3.0	
KWP		eS	SS	09 32 33.9	+2.5	
KWP		L		09 55 10.9		
KWP	Guadalupe Moun	75.10 59	eP	09 17 43.0	+0.1	
KWP	Bad Segeberg	75.12 338	eP	09 17 42.8	-0.2	
KWP	comp=Z,1.1um,2.1s,mb6.5					
KWP	Bad Segeberg	75.12 338	eP	09 17 42.8	-0.2	
KWP		pmax	pmax			
KWP	comp=Z,1.1um,2.1s,mb6.5					
KWP	Sheil Bridge	75.17 3481	eP	09 17 42.6	-0.7	
KWP	Hakari	75.18 309	eP	09 17 45.0	+1.6	
KWP	east	75.30 325	eP	09 17 44.5	+0.4	
KWP	Ruedersdorf	75.49 336	eP	09 17 44.7	-0.5	
KWP	comp=Z,2.2um,1.9s,mb6.6					
KWP	Cukurka	75.49 309	eP	09 17 46.6	+1.4	
KWP	KAR1	75.50 3481	eP	09 17 44.3	-1.0	
KWP	BINGOL	75.52 312	eP	09 17 47.3	+1.9	
KWP	KELT	75.58 314	eP	09 17 47.1	+5.0	
KWP	Ojcow	75.60 331	eP	09 17 45.8	0.0	
KWP		eS	S	09 17 52.2	-2.9	
KWP		eS	SS	09 27 27.0	+3.3	
KWP		L		10 00 08.8		
KWP	Erzincan	75.60 313	eP	09 17 48.8	+3.0	
KWP	Stebnicka Huta	75.79 330	eP	09 17 47.4	+0.5	
KWP		eP	P	09 17 54.4	+0.7	
KWP	comp=Z,221nm,0.8s,mb6.1					
KWP	Stebnicka Huta	75.79 330	eP	09 17 47.4	+0.5	
KWP	comp=Z,221nm,0.8s,mb6.1					
KWP	Kolonickie sedl	75.84 329	eP	09 17 54.4	+0.7	
KWP		eP	P	09 17 47.0	-0.2	
KWP		eP	P	09 17 53.9	-0.1	
KWP		eP	P	09 20 35.5	-1.8	
KWP		eS	S	09 27 24.4	-3.9	
KWP		eS	SS	09 32 38.5		
KWP	Kolonickie sedl	75.84 329	eP	09 17 47.0	-0.2	
KWP		eP	P	09 17 53.9	-0.1	
KWP		eP	P	09 20 35.5	-1.8	
KWP		eS	S	09 27 24.4	-3.8	
KWP	Kolonickie sedl	75.84 329	eP	09 17 47.0	-0.2	
KWP		eP	P	09 17 53.9	-0.1	
KWP		eP	P	09 20 35.5	-1.8	
KWP		eS	S	09 27 24.5	-3.9	
KWP		eS	SS	09 32 38.5	+1.8	
KWP	Bucovina Array	75.86 327	iP	09 17 47.6	+0.3	
KWP	Bucovina Array	75.86 327	iP	09 17 47.5	+0.2	
KWP	Bucovina Array	75.86 327	iP	09 17 47.6	+0.3	
KWP	Batman	75.91 311	eP	09 17 49.5	+1.9	
KWP	Bingol	75.92 312	eP	09 17 49.6	+1.9	
KWP	Sirt	75.93 310	eP	09 17 48.2	+0.6	
KWP	ESY	75.98 346	eP	09 17 46.9	-1.1	
KWP	EAB	75.99 347	eP	09 17 47.3	-0.7	
KWP	EDI	76.07 347	eP	09 17 48.4	-0.1	
KWP	EDI		Amb	09 17 59.7		
KWP	comp=Z,242nm,1.6s,mb5.9					
KWP	Edinburgh	76.07 347	eP	09 17 48.4	-0.1	
KWP	EDI		Amb	09 17 59.7		
KWP	comp=Z,242nm,1.6s,mb5.9					
KWP	Edinburgh	76.07 347	eP	09 17 48.4	-0.1	
KWP	EDI		Amb	09 17 59.7		
KWP	comp=Z,15um,18.1s,MS6.3					
KWP	Uzhgorod	76.09 329	iP	09 17 48.8	+0.2	
KWP		iP	P	09 17 54.8	-0.6	
KWP		iP	P	09 20 36.0		
KWP		iS	S	09 27 32.0	+0.9	
KWP		MLR	MLR			
KWP	comp=Z,41um,17.0s,MS6.8					
KWP	Niedzica	76.11 330	iP	09 17 49.1	+0.4	
KWP		eP	P	09 17 56.2		
KWP	Crvenica-Dubn	76.15 330	eP	09 17 48.9	-0.2	
KWP		eS	S	09 27 31.0	-0.8	
KWP		eP	P	09 32 40.8		
KWP	Crvenica-Dubn	76.15 330	eP	09 17 48.8	-0.2	
KWP		eP	P	09 27 31.0	-0.8	
KWP		eP	P	09 17 48.2	-1.0	
KWP		eP	P	09 17 49.1	-0.1	
KWP	Auchinoon	76.18 347	eP	09 17 55.8	-5.4	
KWP	Ksiaz	76.19 334	eP	09 17 53.3	-0.8	
KWP		eP	P	09 33 07.8	+4.2	
KWP		eS	SS	09 54 58.4		
KWP	comp=Z,117nm,18.5s					
KWP	Ksiaz	76.19 334	eP	09 17 48.9	-0.3	
KWP		eP	P	09 17 55.6	-0.3	
KWP		eS	S	09 27 30.8	-1.3	
KWP		eS	SS	09 32 26.0	+0.3	
KWP		LR	LR			
KWP	comp=Z,135um,18.5s,MS7.3					
KWP	Broad Law	76.17 346	iP	09 17 49.2	0.0	
KWP	Raciborz	76.25 332	eP	09 17 49.9	+0.4	
KWP		eS	S	09 27 32.3	+0.4	
KWP	comp=E,80um,22.2s,MS7.1					
KWP	Rac		MLR			
KWP	comp=N,65um,19.6s,MS7.1					
KWP	Rac		MLR			
KWP	comp=Z,64um,19.8s,MS6.9					
KWP	Raciborz	76.25 332	eP	09 17 49.9	+0.4	
KWP		eS	S	09 27 33.2	+0.4	
KWP		eS	LR			
KWP	comp=Z,64um,19.8s,MS6.9					
KWP	Raciborz	76.25 332	eP	09 17 49.9	+0.4	
KWP		eP	P	09 17 49.6	-0.7	
KWP		Amb	AMB	09 18 00.1		
KWP	comp=Z,388nm,1.3s,mb6.2					
KWP	Kavak	76.44 316	eP	09 17 52.2	+1.6	
KWP	Petek	76.46 313	eP	09 17 52.6	+1.9	
KWP	OKC	Ostrava-Krasne	76.47 332	eP	09 17 50.3	-0.5
KWP	OKC		eS	09 27 40.3	+5.0	
KWP	OKC		AMS	09 57 10.0		
KWP	comp=Z,49um,16.8s					
KWP	OKC	Ostrava-Krasne	76.47 332	eP	09 17 50.3	-0.5
KWP	OKC		eS	09 27 40.3	+5.0	
KWP	WMOK	Wichita Mounta	76.47 54	eP	09 17 49.8	-1.0
KWP		eS	S	09 27 40.3	+5.0	
KWP	WMOK	comp=Z,54nm,1.1s,mb5.4				
KWP	NRDL	Niedersach Rie	76.47 338	eP	09 17 50.5	-0.3
KWP	comp=Z,17um,19.0s,MS6.4					
KWP	ARMAD	76.54 181	eP	09 17 51.4	+0.2	
KWP	ARMAD		iS	09 27 36.4	+0.4	
KWP	ARMAD		SS	09 32 37.5		
KWP	UPC	Ubrice	76.56 334	eP	09 17 51.0	-0.3
KWP	DPC	Dobruska-Polom	76.61 333	eP	09 17 51.6	+0.1
KWP	DPC		eS	09 27 37.6	+0.8	
KWP	DPC		AMS	09 58 10.0		
KWP	comp=Z,69um,17.8s					
KWP	ESK	Eskdalemuir	76.65 346	eP	09 17 52.1	+0.3
KWP	comp=Z,874nm,1.0s,mb6.6,SNR=7.2					
KWP	ESK	Eskdalemuir	76.65 346	eP	09 17 50.8	-1.0
KWP	ESK		Amb	09 18 00.0		
KWP	ESK	Eskdalemuir	76.65 346	eP	09 17 50.8	-1.0
KWP	ESK		Amb	09 18 00.0		
KWP	comp=Z,311nm,1.6s,mb6.0					
KWP	ESK		AMS	09 58 15.0		
KWP	comp=Z,21um,18.5s,MS6.5					
KWP	ESK	Eskdalemuir	76.65 346	eP	09 17 51.1	-0.7
KWP	comp=Z,155nm,1.0s,mb5.9					
KWP	ESK		LR			
KWP	comp=Z,6um,19.0s,MS5.9					
KWP	BZK	Bozkurt	76.71 318	eP	09 17 53.1	+1.0
KWP	VRI	Vrincioiaia	76.71 325	iP	09 17 51.8	-0.3
KWP	VRI	Vrincioiaia	76.71 325	iP	09 17 51.8	-0.4
KWP	BOYT	Boyabat	76.72 317	iP	09 17 53.6	+1.5

MORC	Moravsky Berou	76.72 332	iP	P	09 17 52.6	+0.4
MORC	Moravsky Berou	76.72 332	iP	P	09 17 52.3	+0.1
MORC	Moravsky Berou	76.72 332	iP	P	09 17 52.6	+0.4
BYBT	Boyat	76.74 317	eP	P	09 17 53.8	+1.5
Colim		76.75 336	eP	P	09 17 51.7	-0.7
comp=Z,582nm,0.9s,mb6.5						
CLL			ePP	PP	09 20 43.0	-2.0
CLL			ePPP		09 22 34.9	
CLL			eS	SS	09 27 37.7	-0.6
CLL			eS	SS	09 32 46.4	+1.2
CLL			eSSS		09 36 09.2	
CLL			eLR	LR	09 42 46.7	
CLL			eL		09 54 06.7	
comp=Z,28um,20.0s						
CLL	Colim	76.75 336	iP	P	09 17 51.4	-1.0
comp=Z,115nm,0.8s,mb5.9						
CLL			i	S	09 18 00.4	
CLL			eS	LR	09 27 37.0	-1.3
comp=Z,28um,19.8s,MS6.6						
CLL	Colim	76.75 336	iP	P	09 17 51.4	-1.0
comp=Z,115nm,0.8s,mb5.9						
CLL			eP	P	09 17 54.0	
comp=N,2um,15.8s						
CLL			eP	P	09 17 54.0	
comp=E,1um,17.1s						
CLL			eP	P	09 17 54.0	
comp=Z,6um,16.3s						
CLL			i P(2)		09 18 00.4	
comp=Z,573nm,0.9s						
CLL			ePmax		09 18 04.0	
			eS	SS	09 20 42.0	-3.0
			eS	SS	09 27 37.0	-1.3
comp=N,2um,10.1s						
CLL			eS	S	09 27 37.0	-1.3
comp=E,5um,19.0s						
CLL			e(SS)		09 33 12.0	
			e(SSS)		09 36 18.0	
			LmV		09 54 00.0	
PLOR	Plostina	76.76 325	iP	P	09 17 53.4	+1.0
TOKT	Tokat	76.78 315	eP	P	09 17 54.1	+1.6
KECS	Kecovo	76.85 330	eP	P	09 17 52.9	0.0
KECS			e	pmax	09 18 01.6	
comp=Z,101nm,1.0s,mb5.7						
KECS	Kecovo	76.85 330	eP	P	09 17 52.9	0.0
comp=Z,101nm,1.0s,mb5.7						
KECS			e		09 18 01.6	
BWH	Wardlaw	76.86 347	eP	P	09 17 52.9	-0.1
BRG	Berggiesshubel	76.86 335	eP	P	09 17 52.5	-0.5
BRG	Berggiesshubel	76.86 335	iP	P	09 17 52.6	-0.4
comp=Z,4.5nm,1.0s						
BRG			i	pP	09 18 00.4	+0.7
BRG	Berggiesshubel	76.86 335	iP	P	09 17 52.6	-0.4
BRG			i	pP	09 18 00.4	+0.6
BRG			pmax	pmax		
comp=Z,300nm,1.0s,mb6.2						
BHH	Howats Hill	76.87 346	eP	P	09 17 53.1	0.0
SVSK	Karacayir	76.88 315	eP	P	09 17 54.7	+1.6
MARD	Mardin	76.94 311	iP	P	09 17 54.8	+1.4
ELZG	Elazig	76.97 313	iP	P	09 17 55.4	+1.8
PVCC	Panska Ves	76.98 334	iP	P	09 17 53.5	-0.2
PVCC			eS	SS	09 27 38.3	+1.3
PVCC			eS	AMS	09 55 30.0	
comp=Z,46um,18.3s						
FBE	Freiberg	76.99 335	eP	P	09 17 52.9	-0.8
comp=Z,379nm,1.0s,mb6.3						
CLZ		77.04 337	eP	P	09 17 53.7	

Table with columns for station name, frequency, power, and other technical details. Includes stations like DWPF, GUD, PVRL, EIBI, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SDV, DRV, TRN, TOAO, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VNA3, Neumayer-Stat, East Falkland, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Les Rejaudoux, Calviac, La Foret Royal, etc.

ISC 01 09:12:48.1±1.0, 4654N:15327E, h0km, mb4.7/10, mb1 4.9/10, mb1mx4.6/19, mbtmp4.7/10, Error ellipse: s-maj=32.9km s-min=26.1km az=62.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Severo-Kuril's, Nemuro 2, Rausu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Ala-Archa, Gumba, ARU, etc.

ISC 01 09:12:50.3±0.5, 4652N:15313E, h10km, mb5.1/26, Error ellipse: s-maj=12.7km s-min=8.9km az=143.0

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

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

ISC 01 09:24:58.8±2.5, 670N:12677E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.5/18, mbtmp3.5/4, Error ellipse: s-maj=149.0km s-min=28.5km az=69.0, Mindanano

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for Kuril'sk, Makanchi Array, FINESS Array B, etc.

IDC 01 09:38:21.0.0.5, 4633N:15345E, h0km, mb4.5/28, mb1.4, 6/29, mb1mx4.5/33, mbmp4.4/29, ML3.7/1, Error ellipse: s-maj=15.5km s-min=13.8km az=148.0

JMA 01 09:38:21.5.0.7, 4675N:15359E, h30km, M4.7, ISCBJ 01 09:38:22.4.0.3, 4626N:005:15343E:006, h18km, mb4.7/85, MS5.2/2, Error ellipse: s-maj=8.7km s-min=3.2km az=110.6

NEIC 01 09:38:22.8.0.3, 4636N:15346E, h10km, mb4.7/36, Error ellipse: s-maj=8.3km s-min=5.0km az=154.0

MOS 01 09:38:26.7.1.0, 4667N:15322E, h33km, mb4.8/47, Error ellipse: s-maj=11.9km s-min=6.3km az=110.3

SZGRF 01 09:38:30.6, 4692N:15333E, h33km, mb4.7, Kuril Islands, Russia

ISC 01 09:38:24.4.0.3, 4635N:005:15345E:006, h19km, h19km, 3.5km, p-P, n2, az=116.241, mb4.7/85, MS5.2/2, 15C-8D, Kuril Islands

Main table of station data with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists numerous stations like Severo-Kuril's, Nemuro 2, Rausu, etc.

Main table of station data with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like HHC, SONM, SONGIO Array, Talaya, etc.

Main table of station data with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like JOF, NVAR, KAF, KANGASNIEMI, etc.

Table with columns: NB2, NOA, HFS, ASAR, AKASG, STHS, CLL, MLR, YHYS, GERES. Rows contain station names, coordinates, and various parameters like elevation and frequency.

ISCJB 01 10:54:16.7,0.6,4717N,002.217W,004,h3km,4km, Error ellipse: s-maj=5.5km s-min=3.0km az=105.4 NEIC 01 10:54:20.1,4723N,222W,h5km,ML2.7(LDG),After LDG. LDG 01 10:54:20.1,0.1,4723N,222W,h5km,M2.5/I, M12.7/14, Error ellipse: s-maj=2.1km s-min=1.3km az=50.0 CSEM 01 10:54:20.0,0.1,4724N,222W,h5km,ML2.8/13, Error ellipse: s-maj=1.6km s-min=0.9km az=53.0 STR 01 10:54:23.4,3.0,4722N,186W,h5km,1km, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists various stations like Quistinic, Rennes, Gorron, Saint Martin d, etc.

SMF 0.4nm,0.2s 10 56 30.1 -2.4 ETSF Etsaut 4.45 164 eSn Sn 10 56 16.3 -1.4 EPF Esparros 4.53 156 ePn Pn 10 55 27.8 +0.5 EPF ePn Pn 10 55 44.8 -0.7 EPF eSn Sn 10 56 18.2 -1.5

Main station list table (continued) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists various stations like Raoul Island, Afi, DZM, OTAZ, etc.

Main station list table (continued) with columns: WRA, FITZ, MBWA, QSPA, JOW, MJAR, MAJO, ASAJ, VLA, MAW, BNLO, JKRC, PRM, PMSA, SMMC, PKD, PACP, CVS, HOPS, V05C, P01C, S04C, OSI, DECC, KIFM, O01C, MNRC, 109C, ARVC, Q03C, MDJ, MDJ, JCC, GASB, VES, MURC, BFSC, S05C, KHMM, MONP, RCTC, EDW2, O02C, DVTC, T06C, SUTB, ISA, N02C, CMB, CMB, CMB, M01C, HELL, OHCM, PFO, O03C, SWSC, LAVA, WDC, ORV, KCC, RRX, M02C, CWC, L02A, R05C, P05C, BELC, MPMC, MLAC, GTCM, M03C, DAC, O05C, BC3, TIN, YBH, YBH, YBH. Rows contain station names, coordinates, and various parameters.

HEC	Hector Ludlow	82.58	48	↑P	P	11 14 10.5	-0.1
WAKR	Walker	82.55	43	eP	P	11 14 11.1	+0.4
R06C	Coleville	82.58	43	eP	P	11 14 11.3	+0.5
R07C	Lee Vining	82.59	44	↑P	P	11 14 11.5	+0.7
M03C	McCloud	82.59	40	P	P	11 14 11.2	+0.4
O04C	Chester	82.63	41	P	P	11 14 11.2	+0.2
GLA	Glamis	82.64	50	eP	P	11 14 11.5	+0.4
GLA	Glamis	82.64	50	P	P	11 14 11.9	+0.8
HATC	Hat Creek Radi	82.71	41	P	P	11 14 11.8	+0.4
K02A	Glendale	82.72	38	P	P	11 14 11.9	+0.4
CN2	Changchun	82.75	323	eP	P	11 14 11.2	-0.4
CN2	comp-Z, 30nm, 0.9s, mb4.8			AMB	AMB		
LBCM	Butte Creek Ri	82.79	41	P	P	11 14 11.9	+0.2
KDAA	Kodiak Island	82.81	14	P	P	11 14 10.5	-1.4
BEKR	Beckwourth	82.81	42	P	P	11 14 12.0	+0.1
S08C	White Mtn Res	82.81	45	P	P	11 14 12.6	+0.6
WBCN	Washoe City	82.85	43	P	P	11 14 12.6	+0.5
P06A	Stead Airport	82.98	42	P	P	11 14 13.3	+0.5
IRM	Iron Mountain	83.01	49	↑P	P	11 14 13.1	+0.2
ELFS	Eagle Lake Fire	83.03	41	P	P	11 14 13.7	+0.7
J02A	Umpqua	83.05	38	P	P	11 14 13.9	+0.7
GRAC	Grapevine Rang	83.06	46	P	P	11 14 13.4	+0.3
M04C	Macdoel	83.07	40	P	P	11 14 13.7	+0.5
FURC	Furnace Creek	83.10	46	↑P	P	11 14 12.9	-0.5
TUQ	Turquoise Mtn.	83.16	47	↑P	P	11 14 13.8	+0.1
SHOC	Shoshone	83.18	47	P	P	11 14 14.1	+0.3
PSI	Prapat	83.18	276	P	P	11 14 13.5	-0.3
PSI	comp-Z, 5.8nm, 0.7s, mb4.2, baz=253, slow=1.0, SNR=4.7						
M05C	Lookout	83.22	40	P	P	11 14 13.5	+0.3
Y12C	Blythe	83.23	50	P	P	11 14 14.6	+0.6
O07A	Schurz	83.23	43	↑P	P	11 14 13.9	-0.2
KLR	Kul'dur	83.24	330	eP	P	11 14 11.2	-2.9
NVAR	Mina Array Bay	83.26	44	P	P	11 14 14.2	0.0
L04A	Klamath Falls	83.28	39	↑P	P	11 14 14.3	+0.1
O06A	Flanigan	83.31	42	P	P	11 14 14.6	+0.2
I02A	Mapleton	83.32	42	↑P	P	11 14 14.9	+0.5
PAHR	Pah Rah Range	83.32	42	eP	P	11 14 14.4	0.0
R08A	Mina	83.34	44	P	P	11 14 14.7	+0.1
J03A	Ideyld Park	83.40	38	↑P	P	11 14 15.1	+0.3
H0C	Hogback Mounta	83.43	39	P	P	11 14 15.4	+0.4
P07A	Fallon	83.53	43	↑P	P	11 14 15.7	+0.2
M06C	Likely Place G	83.53	41	P	P	11 14 15.8	+0.3
S09A	Goldfield	83.56	45	P	P	11 14 15.4	-0.3
I03A	Eugene	83.61	37	↑P	P	11 14 15.9	0.0
K04A	Chilgwin	83.64	39	↑P	P	11 14 16.3	+0.2
N06A	Buffalo Meadow	83.65	41	P	P	11 14 16.0	-0.1
V11A	Goodsprings	83.72	47	P	P	11 14 16.6	+0.1
O08A	Gabbs	83.75	44	P	P	11 14 16.5	-0.1
Y13A	Salome	83.75	50	P	P	11 14 17.3	+0.7
TPH	Tonopah	83.76	45	eP	P	11 14 17.0	+0.4
TPH	comp-Z, 15nm, 1.0s, mb4.5						
TPH	Tonopah	83.76	45	eP	P	11 14 16.9	+0.3
PDMCI	Parker Dam Lak	83.79	49	P	P	11 14 17.2	+0.4
MPOR	Mary's Peak	83.79	37	P	P	11 14 17.3	+0.5
W12A	Cal Nev Ari	83.81	48	↑P	P	11 14 17.2	+0.2
L05A	Lakeview	83.83	40	P	P	11 14 17.4	+0.5
O07A	Toulon	83.90	42	P	P	11 14 17.4	0.0
R09A	Soap Creek Ran	83.95	45	P	P	11 14 17.4	-0.2
H03A	Soap Creek Ran	84.04	37	↑P	P	11 14 17.8	-0.2
V12A	Nelson	84.06	48	↑P	P	11 14 17.9	-0.2
MOD	Modoc	84.06	40	eP	P	11 14 18.0	-0.1
MOD	comp-Z, 11nm, 1.2s, mb4.3						
P08A	Dixie Valley	84.13	43	↑P	P	11 14 18.2	+0.1
Z14A	Wintersburg	84.14	51	↑P	P	11 14 19.0	+0.4
X13A	Yuca	84.16	49	P	P	11 14 19.0	+0.4
K05A	Summer Lake	84.20	39	P	P	11 14 19.4	+0.6
O09A	Carvers	84.21	44	↑P	P	11 14 19.4	+0.5
SHPR	Sheep Range	84.26	47	eP	P	11 14 19.4	+0.3
J15A	Sonoran Desert	84.32	51	↑P	P	11 14 20.3	+0.9
N00A	Fort Rock	84.34	39	P	P	11 14 20.0	+0.5
W13A	Hualapai Mount	84.39	49	P	P	11 14 20.2	+0.5
Y14A	Wickenburg	84.40	50	P	P	11 14 20.1	+0.3
M07A	Soldier Meadow	84.44	41	P	P	11 14 20.2	+0.2
R03A	Yamhill	84.46	36	↑P	P	11 14 20.4	+0.3
G10A	Warm Springs	84.48	45	P	P	11 14 20.5	+0.3
K06A	Valley Falls	84.62	39	P	P	11 14 21.2	+0.3
116A	Eloy	84.63	52	↑P	P	11 14 21.1	+0.2
P09A	Austin	84.65	44	↑P	P	11 14 20.6	-0.3
O12A	Valley of Fire	84.65	47	↑P	P	11 14 21.4	+0.4
H04A	Detroit Lake	84.66	37	P	P	11 14 20.7	-0.3
F03A	Seaside	84.69	36	↑P	P	11 14 21.2	0.0
L07A	Adell	84.70	41	P	P	11 14 21.7	+0.4
N08A	GE Springer Mi	84.72	42	P	P	11 14 21.4	0.0
X14A	Yava	84.76	50	↑P	P	11 14 21.7	+0.2
G04A	Mulino	84.82	37	P	P	11 14 21.8	-0.1
I05A	Bend	84.86	36	P	P	11 14 22.2	+0.2
J06A	Christmas Vall	84.95	39	P	P	11 14 22.3	-0.2
M08A	Happy Creek Ra	84.95	41	↑P	P	11 14 22.6	+0.1
O09A	Fish Creek Ran	84.96	43	↑P	P	11 14 22.4	-0.2

W14A	Seligman	85.01	49	P	P	11 14 23.5	+0.8
MA2	Magadan	85.03	345	eP	P	11 14 21.5	-1.4
MA2	comp-Z, 10.0nm, 0.8s, mb4.5			pmax	pmax		
E03A	Lebam	85.08	35	P	P	11 14 23.2	+0.1
N09A	Rock Creek Ran	85.12	42	P	P	11 14 23.5	+0.1
K07A	Rock Creek Ran	85.16	40	P	P	11 14 23.7	+0.2
H05A	Madras	85.18	38	P	P	11 14 23.6	0.0
Q11A	Ducwater	85.21	45	P	P	11 14 23.9	+0.2
X15A	Humboldt	85.23	50	P	P	11 14 24.3	+0.5
SVW2	Sparrevohn	85.23	11	eP	P	11 14 21.9	-1.9
F04A	Amboy	85.31	36	P	P	11 14 24.0	-0.2
I06A	Prineville	85.33	39	P	P	11 14 24.8	+0.5
LVP	Rock Creek Ran	85.40	36	P	P	11 14 24.6	-0.1
L08A	Lakeview Peak	85.40	41	P	P	11 14 24.8	+0.1
O10A	Cortez Mining	85.47	43	↑P	P	11 14 24.5	-0.4
G05A	Wamias	85.49	37	↑P	P	11 14 24.9	-0.2
M09A	Marrel Ranch	85.51	42	↑P	P	11 14 25.8	+0.6
J07A	Hines	85.52	39	P	P	11 14 25.0	-0.2
P11A	Circle Ranch	85.54	44	↑P	P	11 14 25.7	+0.4
E04A	Onalaska	85.56	35	↑P	P	11 14 26.0	+0.6
W15A	Williams	85.56	49	↑P	P	11 14 26.0	+0.6
K08A	Mann Creek Ran	85.63	40	P	P	11 14 26.1	+0.3
N10A	Dumphy	85.70	43	↑P	P	11 14 26.5	+0.4
L09A	Wilkinson Ranc	85.72	41	P	P	11 14 26.3	+0.2
H06A	Lindquist Farm	85.74	38	P	P	11 14 26.2	0.0
SLKM	Skilak Lake	85.80	14	eP	P	11 14 24.8	-1.7
F05A	White Salmon	85.81	36	↑P	P	11 14 25.9	-0.6
I07A	Bezing	85.83	39	P	P	11 14 26.9	+0.3
D04A	Dobbs Creek Ra	85.84	35	↑P	P	11 14 26.9	+0.2
Q12A	Willow Creek R	85.86	45	↑P	P	11 14 27.1	+0.3
G06A	Carlson Farm	85.87	37	P	P	11 14 27.7	-0.2
O11A	Cowboy Ranch	85.92	44	P	P	11 14 27.2	+0.1
J08A	Circle Bar Ran	86.00	40	P	P	11 14 27.6	0.0
P12A	McGill	86.04	45	↑P	P	11 14 28.2	+0.5
E05A	Randle	86.06	36	P	P	11 14 27.4	-0.4
BJI	Beijing	86.07	316	eP	AMB	11 14 27.9	+0.1
BJI	comp-Z, 15nm, 0.9s, mb4.6						
BJI	Beijing	86.07	316	eP	AMB	11 14 27.9	+0.1
K09A	Rome	86.07	41	P	P	11 14 27.8	0.0
B04A	Port Angeles	86.07	34	↑P	P	11 14 27.8	-0.1
H07A	Lands Inn, Kim	86.09	38	P	P	11 14 27.9	0.0
F06A	Goldendale	86.11	37	↑P	P	11 14 27.4	-0.6
ARUT	Antelope Range	86.11	47	eP	P	11 14 28.4	+0.4
GNW	Green Mountain	86.11	35	eP	P	11 14 27.8	-0.3
M10A	L.L. Ranch	86.13	42	P	P	11 14 28.4	+0.3
C04A	Brinnon	86.14	34	P	P	11 14 28.3	+0.2
LON	Longmire	86.15	36	eP	P	11 14 27.8	-0.4
N11A	Elko Archery C	86.24	43	↑P	P	11 14 28.8	+0.1
I08A	Drewsey	86.27	39	P	P	11 14 28.9	+0.1
D05A	Enumah	86.32	35	P	P	11 14 29.4	+0.4
WUAZ	Wupatki	86.36	49	eP	P	11 14 29.1	0.0
WUAZ	Wupatki	86.36	49	eP	P	11 14 29.4	+0.2
J09A	Fry Pan Ranch	86.43	40	P	P	11 14 29.6	+0.1
G07A	Ruggs Ranch, H	86.43	38	P	P	11 14 29.5	0.0
E06A	Yakima	86.47	36	P	P	11 14 29.7	0.0
PGC	Sidney	86.48	33	eP	P	11 14 29.3	-0.5
M11A	Holland Ranch	86.55	43	P	P	11 14 30.5	+0.5
H08A	Pratt City	86.57	39	P	P	11 14 30.1	-0.1
O12A	Currie	86.58	44	P	P	11 14 30.1	-0.1
F07A	Phinny Hill Vi	86.66	37	↑P	P	11 14 30.8	+0.2
N12A	Clover Valley	86.70	43	P	P	11 14 30.9	+0.1
I09A	Lost Marbles R	86.79	40	P	P	11 14 31.0	-0.2
C05A	Toit Reservoir	86.80	35	P	P	11 14 31.0	-0.3
G08A	Pilot Rock	86.88	38	P	P	11 14 31.6	+0.1
TTA	Tatina	86.86	11	eP	P	11 14 30.1	-1.5
TWV	Teanaway	86.90	36	P	P	11 14 32.3	+0.6
A04A	Legoe Bay, Lum	86.91	34	↑P	P	11 14 31.6	-0.1
EYAK	Cordova Ski Ar	86.91	16	eP	P	11 14 30.1	-1.6
B05A	Marblemount	86.94	34	P	P	11 14 31.7	-0.2
D06A	Cle Elum	86.94	36	P	P	11 14 32.0	+0.1
PMR	Palmer	87.00	14	eP	P	11 14 30.4	-1.8
PMR	comp-Z, 15nm, 0.4s, mb5.1						
PMR	Palmer	87.00	14	eP	P	11 14 30.4	-1.8
M12A	Wells	87.09	43	P	P	11 14 32.8	+0.1
E07A	Sunnyside	87.10	37	↑P	P	11 14 32.7	0.0
RSW	Retransake Hi	87.15	37	P	P	11 14 33.0	+0.2
H09A	Durke	87.24	39	↑P	P	11 14 33.1	-0.2
N13A	Wendover, West	87.24	44	↑P	P	11 14 33.2	+0.1
F08A	Perleton	87.25	38	↑P	P	11 14 33.3	-0.1
MSU	Marysvalle	87.34	46	P	P	11 14 34.9	+1.1
A05A	Maple Falls	87.40	34	↑P	P	11 14 33.4	-0.6
B06A	Marblemount	87.41	34	↑P	P	11 14 33.6	-0.5
BMO	Blue Mountains	87.55	39	eP	P	11 14 34.4	-0.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for NWAO Narrogin (SRO), NWAO La Moure, LMR La Moure, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for NB2 NORSAR Subarra, NB2 NORSAR Subarra, NOA NORSAR Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for MOS 01 12:26:22.3, YSS Yuzh-Sakhalins, ASAJ Asahikawa, etc.

ISCJB 01 11:07:10.3e.1.1, 3515N:005:2781E:004, h20km, 9km, mb3.5/5, Error ellipse: s-maj=8.0km s-min=5.9km az=153.1

CSEM 01 11:07:10.2:0.3, 3516N:2788E, h20km, MD3.8, Error ellipse: s-maj=7.2km s-min=3.1km az=18.0

ISK 01 11:07:10.5, 3509N:2779E, h42km, MD3.6, ML3.6, mb1 3.5/9, mb1mx3.3/23, mbtmp3.6/9, ML3.5/4, Error ellipse: s-maj=35.3km s-min=21.7km az=145.0

ATH 01 11:07:11.3, 3522N:2772E, h22km, 2km, MD3.8/8, IDC 01 11:07:16.1, 3.8, 3527N:2773E, h64km, 39km, mb3.5/5, mb1 3.5/9, mb1mx3.3/23, mbtmp3.6/9, ML3.5/4, Error ellipse: s-maj=35.3km s-min=21.7km az=145.0

ISC 01 11:07:10.9:1.0, 3521N:005:2778E:004, h9km, 7km, n4, a=109/52, mb3.5/5, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for KARP Karpathos, ARG Arkhangelos, ARG Arkhangelos, DAT Datca, etc.

JMA 01 11:35:39.3, 3207N:12925E, h12km, 2km, M4.0, 4C-2D, Kyushu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JSJ Shimokoshihiki, JSJ Fukue jima 2, NGSJ Nagasaki-no-moza, etc.

IDC 01 11:37:05.7:1.7, 4642N:15375E, h0km, mb3.9/5, mb1 3.9/6, mb1mx3.7/19, mbtmp3.9/6, ML2.7/1, MS3.4/1, Ms1 3.4/1, ms1mx3.1/33, Error ellipse: s-maj=51.3km s-min=29.6km az=93.0

ISCJB 01 11:37:09.5:1.5, 4644N:02:1535E:03, h33km, mb3.8/5, Error ellipse: s-maj=34.6km s-min=23.3km az=78.5

NEIC 01 11:37:09.4:1.2, 4636N:1528E, h10km, mb4.0/1, Error ellipse: s-maj=1.7km s-min=1.7km az=89.0

ISC 01 11:37:11.1:1.5, 4644N:02:1536E:03, h35km, n9, a=12/9, mb3.8/5, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for ASAJ Asahikawa, ASAJ Asahikawa, MKAR Makanchi Array, etc.

CSEM 01 12:02:37.9:0.1, 3848N:3894E, h20km, MD3.6, Error ellipse: s-maj=3.3km s-min=1.9km az=164.0

ISCJB 01 12:02:38.9:0.4, 3848N:004:3896E:004, h28km, 5km, Error ellipse: s-maj=6.5km s-min=4.4km az=123.2

ISK 01 12:02:38.2, 3847N:3895E, h25km, MD3.6, ML3.7, IDC 01 12:02:39.0:0.4, 3843N:003:3897E:003, h17km, 4km, n29, a=096/36, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for ELZG Elazig, MYA Malataya, PTK Patek, etc.

IDC 01 12:16:19.4:1.1, 5703S:2614W, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.6/16, mbtmp3.6/3, Error ellipse: s-maj=50.9km s-min=35.4km az=79.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for VVND Vanda, LPAZ La Paz, TORO Torodi Ar. Bea, etc.

ISCJB 01 12:26:19.5:1.1, 4644N:01:1538E:02, h10km, mb3.8/7, Error ellipse: s-maj=23.6km s-min=14.3km az=94.6

IDC 01 12:26:20.1:1.5, 4645N:15372E, h0km, mb3.8/7, mb1 3.8/8, mb1mx3.6/21, mbtmp3.8/8, ML3.4/1, Error ellipse: s-maj=39.8km s-min=28.9km az=118.0

NEIC 01 12:26:21.3:1.0, 4637N:15390E, h10km, Error ellipse: s-maj=21.5km s-min=16.3km az=131.0

ISCJB 01 12:28:22.8:0.8, 4638N:01:1540E:01, h10km, mb4.0/12, Error ellipse: s-maj=17.4km s-min=8.9km az=105.0

IDC 01 12:28:23.1:1.3, 4634N:15387E, h0km, mb3.8/9, mb1 3.9/11, mb1mx3.8/21, mbtmp3.8/11, ML3.4/2, Error ellipse: s-maj=40.6km s-min=22.3km az=91.0

NEIC 01 12:28:24.0:0.9, 4628N:15395E, h10km, Error ellipse: s-maj=13.4km s-min=13.4km az=118.0

MOS 01 12:28:25.0:1.4, 4634N:15374E, h27km, mb4.2/5, Error ellipse: s-maj=17.2km s-min=13.7km az=48.0

ISC 01 12:28:23.9:0.8, 4633N:01:1541E:01, h10km, n31, a=088/32, mb4.0/12, 1D, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for KUR Kuril'sk, KUR Kuril'sk, SKR Severo-Kuril's, etc.

ERM Erimo, MJAR Matushiro Arr, MJAR Matushiro Arr, SONM Songo Arr, SONM Songo Arr, MKAR Makanchi Array, MKAR Makanchi Array

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for GUN Gumba, KKN Kakani, PKI Pulchoki, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for AKTK Aktyubinsk, AKTK Aktyubinsk, AKTK Aktyubinsk, AKTK Aktyubinsk

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for WRA Warramunga Arr, NB2 NORSAR Subarra, NB2 NORSAR Subarra, etc.

JMA 01 12:40:07.0:0.6, 4647N:15385E, h30km, M4.3, IDC 01 12:40:07.3:0.8, 4632N:15345E, h0km, mb4.1/4, Ms1 4.2/15, ms1mx1.1/22, mbtmp4.0/15, ML3.7/1, MS3.6/1, Ms1 3.6/1, ms1mx3.1/38, Error ellipse: s-maj=21.7km s-min=19.6km az=122.0

BUI 01 12:40:08.2, 4646N:15368E, h21km, mb5.0, mb4.3, NEIC 01 12:40:09.4:0.6, 4629N:15342E, h10km, mb4.8/14, Error ellipse: s-maj=16.6km s-min=10.0km az=138.0

ISCJB 01 12:40:11.1:1.9, 4623N:007:15334E:010, h32km, 13km, mb4.5/4, MS4.3/1, Error ellipse: s-maj=14.8km s-min=7.5km az=98.0

MOS 01 12:40:11.1:1.7, 4633N:15328E, h28km, mb4.6/20, Error ellipse: s-maj=10.3km s-min=7.3km az=98.0

SZGRF 01 12:40:16.7, 4736N:15383E, h33km, mb5.0, Kuril Islands, Russia

ISC 01 12:40:12.9:1.8, 4626N:007:15373E:009, h34km, 12km, n140, a=156/145, mb4.5/45, MS4.3/1, 7C-9D, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for KUR Kuril'sk, KUR Kuril'sk, KUR Kuril'sk, etc.

SNY	comp=E,1µm,17.4s,MS4.5	LR	LR		
HIA	comp=Z,1µm,16.8s,MS4.4	P	P		
BILL	Hallar 22.54 290 <i>i</i> P	EP	EP	13 12 05.0 -1.8	
BILL	Bilibino 22.72 13	eS	S	13 12 07.6 -1.1	
BILL		pmax	pmax	13 16 12.3 -3.9	
BILL	comp=Z,44nm,1.4s,mb4.7	MLR	MLR		
DL2	comp=Z,900nm,15.0s,MS4.3	S	S	13 12 23.8 -0.2	
DL2	Dalian 24.28 263 <i>i</i> P	S	S	13 16 41.2 -0.2	
DL2	comp=Z,20nm,1.3s,mb4.4	AMB	AMB		
DL2	comp=Z,370nm,5.0s	LR	LR		
DL2	comp=N,320nm,15.4s,MS4.0	LR	LR		
DL2	comp=E,180nm,16.5s,MS4.0	LR	LR		
DL2	comp=Z,350nm,15.8s,MS3.9	LR	LR		
CIT	Chifa 26.26 297	eP	P	13 12 38.8 -3.1	
CIT		e	e	13 13 22.7	
CIT	comp=Z,27nm,3.3s	pmax	pmax		
BOD	Bodaibo 26.26 310	eP	P	13 12 38.5 -3.4	
BOD	comp=Z,10.0nm,1.5s,mb4.1	pmax	pmax		
BJI	Beijing 27.54 270	eP	P	13 12 53.9 +0.5	
BJI		S	S	13 17 37.1 +4.0	
BJI	comp=Z,24nm,0.8s,mb4.9	AMB	AMB		
BJI	comp=Z,541nm,7.5s	LR	LR		
BJI	comp=N,654nm,16.4s,MS4.7	LR	LR		
BJI	comp=E,2µm,15.9s,MS4.7	LR	LR		
BJI	comp=Z,1µm,16.9s,MS4.5	LR	LR		
BJT	Baijiatuu 27.55 270	P	P	13 12 53.3 -0.2	
BJT	comp=Z,19nm,0.8s	pmax	pmax		
BJT	Baijiatuu 27.55 270	P	P	13 12 53.3 -0.3	
BJT	comp=Z,19nm,0.8s,mb4.8	P	P	13 13 09.1 +2.4	
SSE	Sheshan 29.03 250	eP	S	13 18 00.5 +3.9	
SSE		S	S	13 18 13.2 +4.7	
SSE		ScS	ScS	13 23 52.7 +4.1	
SSE	comp=Z,41nm,0.7s,mb5.3	AMB	AMB		
SSE	comp=Z,256nm,5.1s	AMB	AMB		
SSE	comp=N,505nm,17.1s,MS4.2	LR	LR		
SSE	comp=E,196nm,17.1s,MS4.2	LR	LR		
SSE	comp=Z,524nm,19.3s,MS4.2	LR	LR		
NJ2	Nanjing 29.95 254	eP	P	13 13 15.4 +0.5	
NJ2		AP	P	13 13 29.0 +3.9	
NJ2		XP	S	13 14 13.5 -9.2	
NJ2		PP	PP	13 18 10.0 -1.1	
NJ2		S	S	13 18 26.0 +3.0	
NJ2	comp=Z,10.0nm,0.5s,mb4.8	AMB	AMB		
NJ2	comp=Z,222nm,4.0s	LR	LR		
NJ2	comp=N,1µm,14.4s,MS5.0	LR	LR		
NJ2	comp=E,2µm,14.5s,MS5.0	LR	LR		
NJ2	comp=Z,10µm,18.4s,MS5.5	LR	LR		
HHC	Hu-ho-hao-te 30.38 275	eP	P	13 13 19.4 +0.7	
HHC		AP	pP	13 13 26.9 +1.0	
HHC		XP	PP	13 13 30.2 +1.3	
HHC		PP	PP	13 14 15.4 -1.2	
HHC		PCP	PCP	13 16 20.0 +2.0	
HHC		S	S	13 16 16.8 -1.0	
HHC		XS	SS	13 18 27.5 -2.2	
HHC		SS	SS	13 19 53.5 -3.4	
HHC		ScP	ScP	13 20 01.4 +2.4	
HHC	comp=Z,53nm,0.9s,mb5.3	AMB	AMB		
HHC	comp=N,938nm,15.3s,MS4.7	LR	LR		
HHC	comp=E,1µm,15.7s,MS4.7	LR	LR		
HHC	comp=Z,1µm,17.3s,MS4.7	LR	LR		
SOMM	Songjino Array 31.51 290	P	P	13 13 28.0 -0.7	
SOMM	comp=Z,2.4nm,0.8s,mb4.1,baz=70,slow=7.8,SNR=19	P	P	13 16 21.7 +0.6	
SOMM	comp=Z,1.7nm,0.9s,baz=132,slow=2.8,SNR=5.8	P	P	13 27 04.4	
SOMM	comp=Z,950nm,18.7s,MS4.5,baz=71,slow=38	LR	LR	13 13 28.0 -0.6	
SOMM	Songjino Array 31.51 290	P	P	13 16 21.7	
SOMM	comp=Z,20nm,0.8s	pmax	pmax		
SOMM	comp=Z,950nm,18.7s	MLR	MLR		
TLY	Talaya 32.40 298	eP	P	13 13 35.6 -0.8	
TLY	comp=Z,7.0nm,0.8s,mb4.5	pmax	pmax		
TLY	comp=Z,2µm,16.0s,MS4.9	MLR	MLR		
ZAK	Zakamensk 32.88 296 <i>i</i> P	eP	P	13 13 39.6 -1.1	
ZAK	Guam 33.45 195	LR	LR	13 14 22.6	
GUMO	comp=Z,197nm,20.0s,MS3.8,baz=17,slow=33	P	P	13 13 49.9 -1.0	
IMA2	Indian Mountai 34.06 36	eP	P	13 14 03.4 -0.4	
XAN	Xi'an 35.55 266	P	P	13 14 08.2 -2.9	
XAN	comp=Z,11nm,2.0s,mb4.4	AMB	AMB		
MCK	McKinley 35.88 40	eP	P	13 14 05.9 -0.7	
COLA	College 36.38 38 <i>d</i> P	P	P	13 14 10.8 -0.1	
COLA	comp=Z,11nm,0.9s,mb4.8	AMB	AMB	13 14 10.8 -0.1	
LZH	Lanzhou 37.96 272	eP	P	13 14 25.5 +1.2	
LZH		AP	pP	13 14 32.5 +0.8	
LZH		XP	SP	13 14 36.0 +1.4	
LZH		PP	PP	13 15 55.1 +3.9	
LZH		PCP	PCP	13 16 43.5 +3.7	
LZH		eS	S	13 20 17.0 +2.1	
LZH		XS	SS	13 20 30.1 +3.2	
LZH		AMB	AMB	13 22 50.1 -1.2	
LZH	comp=Z,76nm,1.5s,mb5.2	AMB	AMB	13 14 35.0 +1.2	
LZH	comp=Z,256nm,4.2s	LR	LR	13 14 42.4 +1.3	
LZH	comp=E,2µm,17.6s	LR	LR	13 14 45.6 +1.5	
LZH	comp=Z,2µm,16.8s,MS5.0	LR	LR	13 16 09.6 +6.0	
LZH	comp=Z,2µm,16.8s,MS5.0	LR	LR	13 16 45.2 +1.9	
LZH	comp=Z,2µm,16.8s,MS5.0	LR	LR	13 20 32.8 +1.0	
LZH	comp=Z,16nm,1.4s,mb4.6	AMB	AMB	13 20 44.2 +0.3	
GTA	Gaotai 39.09 280	P	P	13 14 25.5 +1.2	
GTA		AP	pP	13 14 35.0 +1.2	
GTA		XP	SP	13 14 45.6 +1.5	
GTA		PP	PP	13 16 09.6 +6.0	
GTA		PCP	PCP	13 16 45.2 +1.9	
GTA		S	S	13 20 32.8 +1.0	
GTA		XS	SS	13 20 44.2 +0.3	
GTA	comp=Z,16nm,1.4s,mb4.6	AMB	AMB		
GTA	comp=N,557nm,15.2s,MS4.7	LR	LR		
GTA	comp=E,656nm,15.2s,MS4.7	LR	LR		
GTA	comp=Z,13nm,0.9s,mb5.0	LR	LR		

EGAK	Eagle 39.24 38	eP	P	13 14 33.6 -1.5	
DAWY	Dawson 40.08 99	eP	P	13 14 41.3 -0.7	
CD2	Chengdu 40.91 266	P	P	13 14 49.6 +0.7	
CD2	comp=Z,20nm,1.0s,mb4.7	AMB	AMB		
CD2	comp=Z,30nm,5.6s	AMB	AMB		
GYA	Guiyang 41.70 258 <i>i</i> P	AP	P	13 14 55.2 -0.2	
GYA		XP	pP	13 15 02.7 -0.2	
GYA		PP	PP	13 15 06.0 +0.3	
GYA		ScP	ScP	13 16 34.9 +2.9	
GYA		S	S	13 20 39.9 -0.5	
GYA		ScS	ScS	13 21 09.8 -1.0	
GYA		AMB	AMB	13 24 55.2 -1.9	
GYA	comp=Z,40nm,1.0s,mb5.0	AMB	AMB		
GYA	comp=Z,1µm,5.2s	LR	LR		
GYA	comp=N,1µm,16.8s,MS4.9	LR	LR		
GYA	comp=E,970nm,17.0s,MS4.9	LR	LR		
GYA	comp=Z,1µm,17.2s,MS4.9	LR	LR		
INK	Inuvik 41.92 32	eP	P	13 14 57.2 0.0	
INK	comp=Z,7.4nm,0.8s,mb4.4,baz=278,slow=6.2,SNR=13	P	P	13 14 57.2 0.0	
INK	Inuvik 41.92 32	eP	P	13 14 57.1 -0.1	
INK	comp=Z,7.0nm,0.8s	pmax	pmax		
NVS	Novosibirsk 43.45 308	eP	P	13 15 07.8 -1.9	
QIZ	Qiongzong 44.77 247	S	S	13 15 18.7 -1.5	
QIZ		LR	LR	13 21 56.3 +0.5	
WMO	Urumqi 45.11 292	eP	P	13 15 23.6 +0.7	
WMO		AP	pP	13 15 31.0 +0.6	
WMO		XP	SP	13 15 34.5 +1.2	
WMO		PCP	PCP	13 17 05.0 +1.7	
WMO		PPP	PP	13 17 50.0	
WMO		PCS	PcS	13 20 57.5 +0.5	
WMO		XS	S	13 22 00.0 -0.8	
WMO		AMB	AMB	13 22 12.5 -0.5	
WMO	comp=Z,12nm,1.0s,mb4.7	AMB	AMB		
WMO	comp=Z,130nm,5.2s	LR	LR		
WMO	comp=N,1µm,15.6s,MS5.1	LR	LR		
WMO	comp=E,987nm,14.8s,MS5.1	LR	LR		
WMO	comp=Z,1µm,16.4s,MS5.0	LR	LR		
KMI	Kunming 45.24 260	P	P	13 15 24.7 +0.8	
KMI		AP	pP	13 15 32.9 +1.5	
KMI		XP	SP	13 15 36.3 +2.0	
KMI		PP	PP	13 17 11.2 +1.3	
KMI		PPP	PP	13 17 52.3	
KMI		AMB	AMB	13 22 03.2 +0.6	
KMI	comp=Z,11nm,0.8s,mb4.7	AMB	AMB	13 22 16.3 +1.5	
KMI	comp=Z,280nm,5.6s	LR	LR	13 25 15.4 -1.0	
KMI	comp=N,689nm,14.3s,MS4.8	LR	LR	13 15 29.0 +0.6	
KMI	comp=E,514nm,17.7s,MS4.8	LR	LR	13 15 37.4 -1.6	
KMI	comp=Z,452nm,19.7s,MS4.4	LR	LR		
KMI	Kunming 45.24 260	P	P	13 15 24.7 +0.8	
KMI		pP	pP	13 15 32.9 +1.5	
KMI		SP	SP	13 15 36.3 +2.0	
KMI		PP	PP	13 17 11.2 +1.3	
KMI		PPP	PP	13 17 52.3	
KMI		S	S	13 22 03.2 +0.6	
KMI		SS	SS	13 22 16.3 +1.5	
KMI		SS	SS	13 25 15.4 -1.0	
DLBC	Dease Lake 45.80 46	P	P	13 15 29.0 +0.6	
DLBC	comp=Z,6.3nm,0.9s,mb4.5,baz=271,slow=12,SNR=5.3	P	P	13 15 29.0 +0.6	
DLBC	Dease Lake 45.80 46	P	P	13 15 29.0 +0.6	
MKAR	Makanchi Array 47.16 298	P	P	13 15 37.4 -1.6	
MKAR	comp=Z,13nm,0.8s,mb4.9,baz=64,slow=8.5,SNR=65	P	P	13 17 09.9 -0.5	
MKAR	Makanchi Array 47.16 298	iP	P	13 15 38.0 -1.1	
MKAR	comp=Z,2.0nm,0.7s,baz=46,slow=4.2,SNR=3.1	pmax	pmax		
MKAR	Makanchi Array 47.16 298	P	P	13 15 37.4 -1.6	
MKAR	comp=Z,13nm,0.8s	pmax	pmax		
LSA	Lhasa 50.35 273	P	P	13 17 09.9 -0.5	
BVAR	Borovoye Array 51.13 310	P	P	13 16 05.5 +2.9	
BVAR	comp=Z,2.8nm,0.5s,mb4.5,baz=52,slow=8.3,SNR=25	P	P	13 16 08.2 -1.3	
BVAR	comp=Z,2.5nm,0.7s,baz=99,slow=2.6,SNR=6.4	LR	LR	13 17 24.8 0.0	
BVAR	comp=Z,1µm,18.1s,MS4.9,baz=318,slow=39	LR	LR	13 39 59.6	
BVAR	Borovoye Array 51.13 310	P	P	13 16 08.2 -1.3	
BVAR	comp=Z,3.0nm,0.5s	pmax	pmax	13 17 24.8	
BVAR	comp=Z,1µm,18.1s	MLR	MLR		
BRVK	Borovoye 51.17 310	eP	P	13 16 07.6 -2.2	
BRVK	comp=Z,12nm,0.9s,mb4.8	pmax	pmax		
BRVK	Borovoye 51.17 310	eP	P	13 16 07.6 -2.2	
BRVK	comp=Z,12nm,0.9s,mb4.8	pmax	pmax		
YKA	Yellowknife Arr 51.17 37	P	P	13 16 09.2 -0.6	
YKA	comp=Z,6.2nm,0.9s,mb4.5,baz=297,slow=7.3,SNR=7.2	LR	LR	13 41 17.0	
YKA	Yellowknife Arr 51.17 37	P	P	13 16 09.1 -0.7	
YKA	comp=Z,220nm,18.3s,MS4.2,baz=210,slow=40	LR	LR	13 41 17.0	
YKA	Yellowknife Arr 51.17 37	P	P	13 16 09.1 -0.7	
YKA	comp=Z,6.0nm,0.9s	pmax	pmax		
YKA	Yellowknife Arr 51.17 37	P	P	13 16 09.2 -0.6	
YKA	comp=Z,17nm,1.2s,mb5.0	LR	LR	13 14 17.0	
ZRNK	Zerenda 51.90 310	iP	P	13 16 13.3 -1.9	
ZRNK	comp=Z,8.0nm,0.8s,mb4.7	pmax	pmax		
ZRNK	Zerenda 51.90 310	eP	P	13 16 12.9 -2.3	
ZRNK	comp=Z,7.9nm,0.8s,mb4.7	pmax	pmax		
CHTO	Chiang Mai 52.10 257	eP	P	13 16 17.4 +0.7	
CHTO	comp=Z,57nm,1.6s,mb5.2	pmax	pmax		
CHTO	Chiang Mai 52.10 257	eP	P	13 16 17.4 +0.8	
CHTO	comp=Z,57nm,1.6s,mb5.2	pmax	pmax		
KBS	Kingsbay 52.86 351	iP	P	13 16 22.4 +0.1	
FRU	Bishkek 53.86 297	eP	P	13 16 30.0 +0.3	
AAK	Ala-Archa 54.05 297 <i>i</i> P	eP	P	13 16 30.2 -0.8	
AAK	comp=Z,10.0nm,0.7s,mb4.8	pmax	pmax		
AAK	comp=Z,1µm,20.0s,MS5.0	MLR	MLR		
AAK	Ala-Archa 54.05 297	eP	P	13 16 30.2 -0.9	
AAK	comp=Z,12nm,0.8s,mb4.7	pmax	pmax		
KSH	Kashi 54.84 293	eP	P	13 16 38.7 +1.9	
KSH		eAP	pP	13 16 47.4 +3.0	
KSH		eXP	SP	13 16 49.9 +2.6	
KSH		ePCP	PP	13 17 42.5 +3.6	
KSH		ePP	PP	13 18 43.1 +3.4	
KSH		ePPP	PP	13 19 54.3	
KSH					

1d 13h

NB2	comp=Z,116nm,2.0s,mb5.5,baz=28,slow=6.2	NORSAR Subarra	68.58 341	P	P	13 18 08.2 -1.2
NB2					pmax	
NOA	comp=Z,116nm,2.0s,mb5.5	NORSAR Array B	68.57 341	P	P	13 18 08.2 -1.2
NOA	comp=Z,7.9nm,0.7s,mb4.7,baz=27,slo=6.3,SNR=40				LR	13 52 48.6
NOA	comp=Z,311nm,18.1s,MS4.6,baz=15,slow=40	NORSAR Array B	68.58 341	P	P	13 18 08.2 -1.2
NOA					pmax	
NOA	comp=Z,8.0nm,0.7s				pmax	
NOA					MLR	
NOA	comp=Z,311nm,18.1s				MLR	
SNOWmass	68.76 55	eP	P	13 18 10.9 +0.4		
ISCO	comp=Z,6.2nm,1.0s,mb4.5	Idaho Springs	69.14 50	eP	P	13 18 13.1 +0.5
ISCO					pmax	
ISCO	comp=Z,11nm,1.3s,mb4.6				pmax	
ISCO	comp=Z,11nm,1.3s,mb4.6				P	13 18 13.1 +0.5
MVCO	Mesa Verde	69.22 58	eP	P	13 18 13.2 -0.1	
GOF	Goftskoye	70.12 315	eP	P	13 18 10.8 -8.1	
KONO	Kongsberg	70.19 341	eP	P	13 18 18.8 -0.6	
KONO					pmax	
KONO	comp=Z,4.7nm,1.4s,mb5.2				pmax	
KONO	Kongsberg	70.19 341	eP	P	13 18 18.8 -0.6	
KONO					pmax	
KONO	comp=Z,4.7nm,1.4s,mb5.2				pmax	
SDCO	Great Sand Dun	70.56 58	eP	P	13 18 22.1 +0.3	
SDCO					pmax	
KIV	Kislovodsk	71.09 314	eP	P	13 18 26.0 +1.2	
KIV					pmax	
ZEI	comp=Z,4.9nm,2.9s,mb4.9	Tsey	71.34 313	eP	P	13 18 26.1 -0.3
ZEI					pp	13 18 33.3 -0.8
ZEI					pmax	
ZEI	comp=Z,6.0nm,0.7s,mb4.6				pmax	
AKASG	Malin Array Be	71.88 326	P	P	13 18 28.3 -1.3	
AKASG					pmax	
AKASG	comp=Z,2.2nm,0.7s,mb5.2,baz=34,slow=6.2,SNR=65				LR	13 53 00.1
AKASG	Malin Array Be	71.88 326	P	P	13 18 28.3 -1.3	
AKASG					pmax	
AKASG	comp=Z,2.2nm,0.7s				pmax	
AKASG	comp=Z,3.36nm,18.1s				MLR	
AKASG	Malin Array Be	71.88 326	P	P	13 18 28.3 -1.3	
AKASG					LR	13 53 00.1
AKASG	AKBB Malin Array Si	71.88 326	eP	P	13 18 28.1 -1.5	
AS31	Alice Springs	71.89 199	eP	P	13 18 30.3 +0.7	
ASAR	Alice Springs	71.89 199	eP	P	13 18 29.2 -0.4	
ASAR					pmax	
ASAR	comp=Z,0.9nm,0.6s,mb3.9,baz=10,slow=5.4,SNR=19				pmax	
ASAR	Alice Springs	71.89 199	eP	P	13 18 29.3 -0.4	
ASAR					pmax	
ASAR	comp=Z,1.0nm,0.6s				pmax	
LAZ	Ladron	71.95 59	eP	P	13 18 31.0 +1.0	
ANMO	Albuquerque	71.97 58	eP	P	13 18 30.3 +0.2	
GNI	Garni	72.81 310	eP	P	13 18 35.2 +0.1	
GNI	comp=Z,4.5nm,0.4s,mb4.8,baz=60,slow=8.1,SNR=5.5				pmax	
GNI	Garni	72.81 310	eP	P	13 18 35.1 0.0	
GNI					pmax	
GNI	comp=Z,2.3nm,0.9s				pmax	
GNI	Garni	72.81 310	eP	P	13 18 35.1 0.0	
GNI					pmax	
GNI	comp=Z,2.3nm,0.9s				pmax	
BSD	Bornholm Skovb	72.91 336	iP	P	13 18 35.5 -0.2	
BSD					pmax	
BSD	comp=Z,2.1nm,1.1s,mb5.0				pmax	
BSD	Bornholm Skovb	72.91 336	iP	P	13 18 35.5 -0.2	
ANN	Anapa	72.98 318	eP	P	13 18 35.1 -1.1	
ANN					s	13 27 59.0 -2.6
ANN					pmax	
SCHO	Schefferville	73.61 23	LR	LR	13 54 03.5	
LTV	K'vov	74.53 329	iP	P	13 18 43.1 -2.2	
KIS	Kishinev	75.01 324	eP	P	13 18 44.0 -4.0	
KIS					MLR	13 29 02.0
KIS	comp=Z,500nm,16.0s,MS4.9				MLR	
OJC	Ojcow	75.66 331	eP	P	13 18 51.1 -0.7	
STHS	Stebnicka Huta	75.85 330	eP	P	13 18 52.8 -0.1	
STHS	Stebnicka Huta	75.85 330	eP	P	13 18 52.9 0.0	
STHS					pmax	
STHS	comp=Z,7.0nm,0.8s,mb4.6				pmax	
STHS	Stebnicka Huta	75.85 330	eP	P	13 18 52.9 0.0	
KOLS	Kolonické sedl	75.90 329	eP	P	13 18 52.4 -0.7	
BURAR	Bucovina Array	75.92 327	iP	P	13 18 52.9 -0.3	
BURAR	Bucovina Array	75.92 327	iP	P	13 18 52.9 -0.3	
UZH	Uzhgorod	76.15 329	eP	P	13 18 54.2 -0.4	
UZH					pmax	
NIE	Niedzica	76.17 330	eP	P	13 18 55.5 +0.8	
CRVS	Cervenica-Dubn	76.21 330	eP	P	13 18 55.0 +0.1	
KSP	Ksiaz	76.25 334	eP	P	13 18 54.7 -0.4	
KSP					MLR	
OKC	Ostrava-Krasne	76.53 332	eP	P	13 18 56.8 +0.1	
OKC					AMS	13 58 20.0
UPC	Ujice	76.63 334	eP	P	13 18 56.8 -0.5	
DPC	Dobruska-Polom	76.67 333	eP	P	13 18 57.7 +0.2	
DPC					AMS	13 58 50.0
BOYT	Boyabat	76.76 317	iP	P	13 18 59.2 +1.2	
VRI	Vrincioia	76.77 325	iP	P	13 18 59.9 +2.7	
VRI	Vrincioia	76.77 325	iP	P	13 18 59.0 +1.0	
MORC	Moravsky Berou	76.78 332	iP	P	13 18 57.8 -0.3	
CLL	Colim	76.81 336	iP	P	13 18 58.3 0.0	
CLL	Colim	76.81 336	iP	P	13 18 58.3 0.0	
CLL					pp	13 19 02.0 -4.1
CLL					MLV	13 59 00.0
KECS	Kecovo	76.91 330	eP	P	13 18 57.9 -1.0	
KECS					pmax	
KECS	comp=Z,4.0nm,0.8s,mb4.4				pmax	
KECS	Kecovo	76.91 330	eP	P	13 18 57.9 -1.0	
BRG	Berggiesshubel	76.93 335	eP	P	13 18 58.1 -0.9	
BRG					pmax	
BRG	comp=N,161nm,17.7s				pmax	
BRG					MLR	
BRG	comp=E,116nm,12.9s				MLR	
BRG					pmax	
BRG	comp=Z,331nm,19.4s				pmax	
BRG	Berggiesshubel	76.93 335	eP	P	13 18 58.1 -0.9	
BRG					pmax	
BRG	comp=Z,11nm,0.9s,mb4.8				MLR	
BRG					MLR	
BRG	comp=N,44nm,17.7s,MS5.8				MLR	
BRG					MLR	
BRG	comp=E,161nm,12.9s,MS5.8				MLR	
MARD	Mardin	76.99 311	iP	P	13 18 58.9 -0.4	
PVCC	Panska Ves	77.05 334	eP	P	13 19 00.1 +0.5	
PVCC					AMS	13 56 00.0
LPIG	La Paz	77.20 69	LR	LR	13 47 16.5	
TIRR	Tirgusor	77.23 323	iP	P	13 19 01.3 +0.6	
TIRR	Tirgusor	77.23 323	iP	P	13 19 01.2 +0.6	
BALT	Baday	77.38 318	iP	P	13 19 02.8 +1.3	
MLR	Muntele Rosu	77.39 325	iP	P	13 19 01.9 +0.3	
MLR	Muntele Rosu	77.39 325	iP	P	13 19 01.9 +0.3	
CTKT	Cyrum	77.44 317	iP	P	13 18 56.4 -5.4	
VYHS	Vyhne	77.47 331	eP	P	13 19 01.6 -0.4	
VYHS					pmax	
VYHS	comp=Z,7.0nm,1.0s,mb4.5				pmax	
VYHS	Vyhne	77.47 331	eP	P	13 19 01.6 -0.4	
VYHS					pp	13 21 46.4 -1.0
VYHS	Vranov	77.49 333	iP	P	13 19 01.1 -1.0	
VYHS	Vranov	77.49 333	iP	P	13 19 01.1 -1.0	
PRU	Pruhonice	77.53 334	eP	P	13 19 02.4 0.0	
PRU					AMS	13 56 50.0
DRGR	Dravica	77.55 328	iP	P	13 19 01.9 -0.5	
DRGR					pp	13 19 01.9 -0.5
PSZ	Piszkesteto	77.60 330	iP	P	13 19 03.5 +0.8	
SNX	Sinaia	77.67 325	iP	P	13 19 04.0 +0.9	
SNX	Sinaia	77.67 325	iP	P	13 19 04.0 +0.8	
VOIR		77.79 325	iP	P	13 19 04.1 +0.3	

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VOIR	77.79 325	iP	P	13 19 04.1 +0.3		
MOX	Moxa	77.80 336	eP	P	13 19 05.1 +1.2	
MOX					pmax	
MOX	comp=Z,20nm,1.3s,mb4.9				pmax	
MOX	Moxa	77.80 336	eP	P	13 19 05.1 +1.2	
MOX					pmax	
TREC	Trest	77.86 333	eP	P	13 19 04.9 +0.7	
TREC					AMS	13 57 50.0
WTSE	comp=Z,600nm,16.6s				P	13 19 04.6 +0.4
WTSE	Winterswijk	77.86 340	eP	P	13 19 04.6 +0.4	
WTSE					AMS	13 57 50.0
ELDT	Eldivan	78.19 317	iP	P	13 19 06.7 +0.7	
ZST	Bratislava	78.30 332	eP	P	13 19 08.7 +2.1	
ZST					AMS	13 57 50.0
ZST	comp=Z,11nm,1.0s,mb4.7				LR	
KHC	Kasperske Hory	78.58 334	eP	P	13 19 07.7 -0.5	
KHC					AMS	13 57 50.0
BRTR	comp=Z,700nm,16.7s				AMS	13 57 50.0
BRTR	Keeskin Array B	78.69 317	eP	P	13 19 08.4 -0.3	
BRTR					AMS	13 57 50.0
BRTR	comp=Z,3.1nm,1.0s,mb4.2,baz=66,slow=3.1,SNR=14				AMS	13 57 50.0
BRTR	Keeskin Array B	78.69 317	eP	P	13 19 08.5 -0.3	
BRTR					pmax	
BRTR	comp=Z,3.0nm,1.0s				pmax	
GZR	Gura Zlata	78.70 327	iP	P	13 19 09.4 +0.6	
GZR	Gura Zlata	78.70 327	iP	P	13 19 09.7 +0.9	
GZR	Gura Zlata	78.70 327	iP	P	13 19 09.4 +0.6	
SGKT	Sivrigoyunuk	78.76 318	iP	P	13 19 07.7 -1.5	
GRA1	Grabenberg Arr	78.77 336	eP	P	13 19 08.8 -0.4	
GRA1					pmax	
GRF	comp=Z,16nm,1.0s,mb4.9				pmax	
GRF	Grabenberg Arr	78.77 336	eP	P	13 19 08.8 -0.4	
GRF					pmax	
GRF	comp=Z,16nm,1.0s,mb4.9				pmax	
GRF	Grabenberg Arr	78.77 336	eP	P	13 19 08.8 -0.4	
GRF					pmax	
GRF	comp=Z,16nm,1.0s,mb4.9				pmax	
GRF	Grabenberg Arr	78.77 336	eP	P	13 19 08.8 -0.4	
GRF					pmax	
GERES	comp=Z,16nm,1.0s,mb4.9				pmax	

Table with 3 columns: VNA3, VNA3, VNA3 and values e, e, e with associated times.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res. Includes stations like OKCD Okmok Cone D, OKCE Okmok Cone E, etc.

ISCJB 01 13:13:53.6:0.5, 4611N:1008E:15350E:008, h10km, mb4.3/34, Error ellipse: s-maj=12.9km s-min=5.2km az=121.7

IDC 01 13:13:53.6:0.6, 4615N:15336E, h0km, mb4.0/17, mb1 4.2/18, mb1mx4.2/24, mbtmp4.0/18, ML2.9/1, Error ellipse: s-maj=18.8km s-min=16.8km az=153.0

BUI 01 13:13:54.0, 4649N:15345E, h10km, mb4.9, mb4.2, Ms4.3, Ms4.3

NEIC 01 13:13:55.2:0.3, 4618N:15344E, h10km, mb4.2/8, Error ellipse: s-maj=10.8km s-min=6.9km az=161.0

MOS 01 13:13:56.1:1.3, 4629N:15355E, h29km, mb4.3/16, Error ellipse: s-maj=13.0km s-min=11.2km az=106.2

ISC 01 13:13:55.7:0.5, 4621N:1008E:15350E:008, h10km, (h16km, 3km, p:P), n87, r107/85, mb4.3/34, Kuril Islands

Main table for Kuril Islands section with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res. Includes stations like SKR Severo-Kuril's, NEM2 Nemuro 2, etc.

Main table for 2006 OCT section with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res. Includes stations like GUN Gumba, KKN Kakani, PKI Putchoki, etc.

Table for 1d 13h section (top part) with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res. Includes stations like BVAR Borovoye Array, BVAV Borovoye, etc.

IDC 01 13:32:32.4:2.2, 4659N:15374E, h0km, mb3.6/3, mb1 3.6/3, mb1mx3.4/20, mbtmp3.6/4, ML3.3/1, Error ellipse: s-maj=58.0km s-min=37.3km az=86.0, Kuril Islands

Table for Kuril Islands section (bottom part) with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res. Includes stations like ASAJ Asahikawa, MKAR Makanchi Array, etc.

NIED 01 13:34:00, 4680N:15330E, h32km, Mw4.3 Best double couple: M2:85000-1019, NP1:72,00000; 882,00000, 1-33,00000; NP2:309,00000; 815,00000

IDC 01 13:34:47.0:0.7, 4647N:15324E, h0km, mb4.1/18, mb1 4.3/19, mb1mx4.2/25, mbtmp4.1/19, ML3.4/1, Error ellipse: s-maj=16.1km s-min=16.1km az=114.0

BUI 01 13:34:48.1, 4656N:15384E, h35km, mb4.5, mb4.2, NEIC 01 13:34:48.4:0.4, 4644N:15331E, h10km, mb4.2/3, Error ellipse: s-maj=10.3km s-min=7.7km az=133.0

SKHL 01 13:34:49.0:1.2, 4650N:15370E, h49km, 17km, mb5.0/4, ISCJB 01 13:34:50.4:0.5, 4644N:1006E:15334E:008, h33km, mb4.4/41, MS4.1/1, Error ellipse: s-maj=10.9km s-min=4.0km az=100.2

MOS 01 13:34:54.2:0.8, 4655N:15313E, h68km, mb4.4/17, Error ellipse: s-maj=13.2km s-min=9.0km az=101.4

ISC 01 13:34:52.6:0.5, 4653N:1006E:15333E:008, h35km, n114, r123/126, mb4.4/41, MS4.1/1, 4C-6D, Kuril Islands

Main table for 1d 13h section (bottom part) with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res. Includes stations like KUR Kuril'sk, PNI Pinotepa, VNO Vista Hermosa, etc.

MJAR	Matsushiro Arr	15.09 232	Pn	Pn	14 26 35.8 +0.2
SOMM	Songino Array	31.25 289	P	P	14 29 22.9 +1.5
MKAR	Makanchi Array	46.85 297	P	P	14 31 31.8 +0.2
FINES	FINES Array B	63.94 335	P	P	14 33 34.5 +0.1
AKASG	Main Array Be	71.44 326	P	P	14 34 20.7 -1.1

0.2nm, 0.3s, baz=46, slow=9.4, SNR=4.7
 0.3nm, 0.5s, mb3.4, baz=84, slow=8.1, SNR=2.9
 0.3nm, 0.4s, mb3.6, baz=64, slow=7.0, SNR=4.4
 0.9nm, 0.7s, mb3.9, baz=38, slow=2.2, SNR=5.0
 0.5nm, 0.5s, mb3.7, baz=39, slow=6.2, SNR=2.9

IDD 01 14:24:00.8±1.2, 6198S±161.02W, h0km, mb3.9/4, mb1.4/1.5, mb1mx3.9/12, mbtmp3.9/5, ML3.3/1, MS4.3/16, Ms1.4/2/16, ms1mx4.1/27, Error ellipse: s-maj=47.7km s-min=26.6km az=15.0

ISC/JB 01 14:24:04.0±1.0, 6223S±0.10, 1623W±0.4, h10km, mb4.2/6, MS4.2/16, Error ellipse: s-maj=25.2km s-min=14.0km az=172.4

NEIC 01 14:24:04.3±0.8, 6212S±161.76W, h10km, mb4.2/5, Error ellipse: s-maj=20.5km s-min=13.5km az=66.0

GCMT 01 14:24:04.3±0.5, 6253S±162.00W, h12km, MW4.9/54, Moment Tensor Solution. s13.c14; s54.c62; Duration: 0 Moment tensor: Scale 10¹⁹N: Mr=0.17±.18; Mw=2.87±.14; Mbb=2.70±.14; Mbc=0.85±.51; Mbc=0.28±.19; Msr1.20±.47; Best double couple: Mo3.16700±.016 NP1±229.00000°, ±62.00000°, -176.00000°. NP2: ±63.137.00000°, ±86.00000°, -28.00000°. Principal axes: T 3.1540, Plg16.0000°, Azm186.0000°; N 0.0260, Plg62.0000°, Azm310.0000°; P -3.1790, Plg22.0000°, Azm89.0000°; nstia1 refers to body waves, cutoff=40s. nstia2 refers to surface waves, cutoff=50s.

ISC 01 14:24:05.3±1.0, 6227S±0.09, 1621W±0.4, h10km, n31, ±0672/13, mb4.2/6, MS4.2/16, Pacific-Antarctic Ridge

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
SBA	Scott Base	18.45 200	Op	ISC	14 28 20.5 -0.6
VNDA	Vanda	19.10 203	P	Pn	14 28 29.8 +0.8
VNDA	Vanda	19.10 203	P	LR	14 33 51.7
VNDA	Vanda	19.10 203	P	Pn	14 28 29.5 +0.5
VNDA	Vanda	19.10 203	P	LR	14 33 51.7
URZ	Urewera	27.20 322	LR	LR	14 38 49.1
QSPA	South Pole Qui	27.85 180	eP	P	14 29 55.8 +0.8
RAO	Raoul Island	34.61 335	LR	LR	14 40 48.4
TBI	Tubuai	39.84 18	eLQ	LR	14 40 45.7
TBI	Tubuai	39.84 18	eLQ	LR	14 42 26.0
RKT	Rikitea	43.26 38	eLQ	LR	14 42 04.4
RKT	Rikitea	43.26 38	eLQ	LR	14 44 12.4
PPT	Papeete	45.51 17	eS	S	14 39 07.9 +1.1
PPT	Papeete	45.51 17	eLQ	LR	14 43 07.7
PPT	Papeete	45.51 17	LR	LR	14 45 11.7
PPT	Papeete	45.51 17	LR	LR	14 46 23.8
MAW	Mawson	46.40 202	LR	LR	14 50 21.7
MAW	Mawson	46.40 202	eP	P	14 32 31.8 -0.1
STKA	Stephens Creek	46.73 284	P	P	14 32 35.1 +0.6
STKA	Stephens Creek	46.73 284	P	P	14 33 24.0 -0.5
AFI	Afitama	48.73 348	LR	LR	14 48 09.2
PLCA	Paso Flores	55.62 113	LR	LR	14 51 46.8
TAOE	Taku Hiri Isia	55.68 27	eLR	LR	14 49 47.3
AS31	Asa Springs	57.24 282	eP	P	14 33 52.7 -0.2
ASAR	Asa Springs	57.24 282	P	P	14 33 53.0 +0.2
ASAR	Asa Springs	57.24 282	LR	LR	14 54 07.6
WRA	Warramunga Arr	60.27 284	P	P	14 34 13.4 -0.5
WRA	Warramunga Arr	60.27 284	LR	LR	14 58 50.0
CFAA	Coronel Fontan	64.29 109	LR	LR	14 56 24.2
LVC	Limon Verde	71.72 104	LR	LR	14 58 06.6
LVC	Limon Verde	71.72 104	LR	LR	14 53 15.0
NNA	Nana	77.29 92	LR	LR	15 01 49.3
LPAZ	La Paz	77.58 101	P	P	14 35 56.9 -4.7
LPAZ	La Paz	77.58 101	eP	P	14 35 59.9 -1.7
ATAH	Atahualpa	80.93 88	LR	LR	15 03 41.4
BDFB	Brasilia	86.98 118	LR	LR	15 11 57.0
BOSA	Boshu	89.25 186	LR	LR	15 12 52.2
ROSC	Ei Rosal	93.24 86	LR	LR	15 13 34.3
ZRNC	Zerenda	151.80 274	ePKPbc	PKPbc	14 43 58.9 -1.4

IDD 01 14:33:07.8±4.0, 4853S±12444E, h0km, mb3.6/2, mb1.3/8.2, mb1mx3.5/11, mbtmp3.7/2, MS3.5/1, Ms1.3/5/1, ms1mx3.1/23, Error ellipse: s-maj=138.8km s-min=73.6km az=117.0, Western Indian-Antarctic Ridge

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
NWAO	Narrogin (SRO)	16.50 338	Op	ISC	14 41 33.0
STKA	Stephens Creek	21.09 44	P	P	14 37 53.8 0.0
ASAR	Asa Springs	25.92 20	P	P	14 38 41.6 0.0
YKA	Yellowknife Arr	145.12 44	PKPbc	PKPbc	14 52 44.6 -2.1

IDD 01 14:34:50.0±1.0, 6206S±16339W, h0km, mb3.4/2, mb1.3/7.3, mb1mx3.5/11, mbtmp3.4/3, MS4.0/8, Ms1.4/0/8, ms1mx3.6/28, Error ellipse: s-maj=90.6km s-min=47.1km az=78.0, Pacific-Antarctic Ridge

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
VNDA	Vanda	19.06 202	P	Pn	14 39 13.4 -1.1
VNDA	Vanda	19.06 202	LR	LR	14 44 32.8
URZ	Urewera	26.69 324	LR	LR	14 49 09.9
PPT	Papeete	45.50 19	LR	LR	14 56 49.0
MAW	Mawson	46.37 202	LR	LR	15 01 42.0
AFI	Afitama	48.46 349	LR	LR	14 58 18.6
RPN	Rapa Nui	49.72 71	LR	LR	14 59 06.6
PLCA	Paso Flores	55.24 114	LR	LR	15 02 17.5
ASAR	Asa Springs	56.62 283	P	P	14 44 34.5 -0.3
ASAR	Asa Springs	56.62 283	LR	LR	15 08 57.0
WRA	Warramunga Arr	59.65 285	P	P	14 44 55.9 -0.1

ISC/JB 01 14:55:40.7±0.7, 2405S±0.05, 668W±0.1, h207km, 17km, mb3.3/1, Error ellipse: s-maj=20.5km s-min=8.7km

az=175.5
 IDC 01 14:55:41.5±1.0, 2403S±6671W, h192km, 16km, mb3.2/1, mb1.3/2.6, mb1mx3.1/18, mbtmp3.6/6, Error ellipse: s-maj=20.5km s-min=13.7km az=84.0

NEIC 01 14:55:42.0±0.7, 2398S±6688W, h192km, 13km, Error ellipse: s-maj=14.0km s-min=11.6km az=93.0
 ISC 01 14:55:42.2±0.8, 2397S±0.07, 667W±0.1, h194km, 18km, n10, ±0671/14, mb3.3/1, 1C, Jujuy Province

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
LVC	Limon Verde	2.46 303	Op	ISC	14 56 26.0 +0.8
LVC	Limon Verde	2.46 303	P	Pn	14 56 58.9 +0.2
LVC	Limon Verde	2.46 303	eS	S	14 56 58.4 -0.3
LVC	Limon Verde	2.46 303	eS	S	14 56 59.0 +0.2
CFAA	Coronel Fontan	7.73 190	P	Pn	14 57 31.2 -0.6
CFAA	Coronel Fontan	7.73 190	P	Pn	14 57 53.6 -5.3
LPAZ	La Paz	7.77 350	P	Pn	14 48 33.0 +0.6
LPAZ	La Paz	7.77 350	P	Pn	14 58 59.3 -0.6
CPUP	Villa Florida	8.79 107	P	Pn	14 57 46.0 +0.3
CPUP	Villa Florida	8.79 107	P	Pn	14 57 45.8 +0.1
CPUP	Villa Florida	8.79 107	P	Pn	14 57 54.5 -0.9
BDFB	Brasilia	19.41 68	P	P	14 59 54.6 +1.0
TORD	Torridi Arr. Bea	76.29 69	P	P	15 07 09.2 -0.3
WRA	Warramunga Arr	131.78 207	PKP	PKPpdf	15 14 32.9 +0.9

NIED 01 15:01:00, 4630N±15370E, h20km, Mw4.7 Best double couple: M1.13000±0.019 N1±36.680000°, 887.00000°, 1.101.00000°; NP2±172.00000°, 811.00000°, 1.14.00000°.

SKHL 01 15:01:14.0±2.0, 4627N±15395E, h50km, 19km, mb5.0/3, mb4.9/3, MS4.5/6, msh5.3/3
 BUJ 01 15:01:15.3, 4681N±15354E, h15km, mb4.9, mb4.5, Ms4.5, Ms2.3

ISC 01 15:01:15.2±0.5, 4652N±15327E, h0km, mb4.4/20, mb1.4/5/21, mb1mx4.4/26, mbtmp4.3/21, ML3.7/1, MS4.1/11, Ms1.4/1/11, ms1mx3.7/33, Error ellipse: s-maj=16.8km s-min=13.9km az=101.0

ISC/JB 01 15:01:17.0±0.9, 4638N±0.04, 15346E±0.04, h23km, 6km, mb4.7/79, MS4.3/26, Error ellipse: s-maj=7.3km s-min=3.8km az=124.3

NEIC 01 15:01:16.9±0.3, 4651N±15339E, h10km, mb4.7/37, MS4.5/3, Error ellipse: s-maj=7.6km s-min=5.2km az=145.0

MOS 01 15:01:18.2±1.1, 4648N±15344E, h30km, mb4.9/44, MS4.1/16, Error ellipse: s-maj=8.6km s-min=5.5km az=106.3

JMA 01 15:01:18.3±1.0, 4630N±15369E, h30km, M5.0
 SZGRF 01 15:01:25.1, 4655N±15169E, h33km, mb4.8, Kuril Islands, Russia

ISC 01 15:01:20.9±0.5, 4646N±0.04, 15340E±0.05, h38km, 4km, h1910km, 6km, pp-P, n279, ±18/305, mb4.7/79, MS4.3/26, 29C-6D, Kuril Islands

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
KUR	Kuril'sk	4.06 254	eP	Pn	15 02 18.0 -2.5
KUR	Kuril'sk	4.06 254	AMB	AMB	15 02 27.6
KUR	Kuril'sk	4.06 254	AMB	AMB	15 02 27.6
KUR	Kuril'sk	4.06 254	AMB	AMB	15 02 27.6
KUR	Kuril'sk	4.06 254	iS	S	15 03 04.5 -2.2
KUR	Kuril'sk	4.06 254	A	A	15 03 21.0
KUR	Kuril'sk	4.06 254	A	A	15 03 22.4
KUR	Kuril'sk	4.06 254	A	A	15 03 22.4
SKR	Severo-Kuril's	4.59 22	eP	Pn	15 02 22.0 -5.8
SKR	Severo-Kuril's	4.59 22	AMB	AMB	15 02 25.5
SKR	Severo-Kuril's	4.59 22	AMB	AMB	15 02 25.5
SKR	Severo-Kuril's	4.59 22	AMB	AMB	15 02 25.5
SKR	Severo-Kuril's	4.59 22	eS	S	15 03 14.5 -5.4
SKR	Severo-Kuril's	4.59 22	A	A	15 03 38.6
SKR	Severo-Kuril's	4.59 22	A	A	15 03 38.6
SKR	Severo-Kuril's	4.59 22	A	A	15 03 38.6
SKR	Severo-Kuril's	4.59 22	A	A	15 03 38.6
SKR	Severo-Kuril's	4.59 22	AMS	AMS	15 04 10.0
SKR	Severo-Kuril's	4.59 22	AMS	AMS	15 04 10.0
SKR	Severo-Kuril's	4.59 22	AMS	AMS	15 04 10.0
SKR	Severo-Kuril's	4.59 22	AMS	AMS	15 04 10.0
YUK	Yuzh-Kuril'sk	5.85 248	eP	Pn	15 02 47.5 +2.4
YUK	Yuzh-Kuril'sk	5.85 248	AMB	AMB	15 02 49.7
YUK	Yuzh-Kuril'sk	5.85 248	AMB	AMB	15 02 49.7
YUK	Yuzh-Kuril'sk	5.85 248	eS	S	15 03 51.6 +0.7
YUK	Yuzh-Kuril'sk	5.85 248	A	A	15 04 04.5
YUK	Yuzh-Kuril'sk	5.85 248	A	A	15 04 04.5
YUK	Yuzh-Kuril'sk	5.85 248	A	A	15 04 16.0
YUK	Yuzh-Kuril'sk	5.85 248	A	A	15 04 16.0

NEM2 Nemuro 2 6.25 243 P Pn 15 02 49.1 -1.6
 NEM2 Nemuro 2 6.25 243 eP Pn 15 02 56.0 -4.9
 JRA Rausu 6.37 250 P Pn 15 02 53.4 +1.2
 JRA Rausu 6.37 250 eS Pn 15 04 09.4 +1.2
 JNK Nakash 6.79 248 P Pn 15 02 58.5 +0.5
 JAK Akkeshi 7.10 244 P Pn 15 03 07.7 -1.6
 JTKR Tokoro 7.15 253 eS Pn 15 04 17.3 -4.3
 YSS Yuzh-Sakhalins 7.33 278 eP Pn 15 03 03.8 +0.9
 YSS Yuzh-Sakhalins 7.33 278 eP Pn 15 03 09.0 +3.5

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
YSS	Yuzh-Sakhalins	7.33 278	AMB	AMB	15 03 11.5
YSS	Yuzh-Sakhalins	7.33 278	AMB	AMB	15 03 11.5
YSS	Yuzh-Sakhalins	7.33 278	eS	S	15 04 31.0 +3.6
YSS	Yuzh-Sakhalins	7.33 278	A	A	15 04 35.0
YSS	Yuzh-Sakhalins	7.33 278	AMS	AMS	15 05 40.0
YSS	Yuzh-Sakhalins	7.33 278	AMS	AMS	15 05 40.0
YSS	Yuzh-Sakhalins	7.33 278	AMS	AMS	15 05 40.0
YSS	Yuzh-Sakhalins	7.33 278	AMS	AMS	15 05 40.0
YSS	Yuzh-Sakhalins	7.33 278	ePn	Pn	15 03 09.0 +3.5
YSS	Yuzh-Sakhalins	7.33 278	pmx	pmx	
YSS	Yuz				

1d 15h

Table with columns for station code, name, frequency, and signal strength. Includes stations like ZEA, KROS, CN2, YAK, INCN, SNY, BILL, BOD, BJI, NJ2, HHC, SONM, TLY, ZAK, COLA, LZH, EGAK, and GTA.

2006 OCT

Table with columns for station code, name, frequency, and signal strength. Includes stations like GTA, INK, GYA, WMQ, DLBC, MKAR, LSA, YKA, YAK, BVAR, BRVK, CHTO, AAK, KSH, JIRN, GUN, ARU, PKI, PMG, DMR, GKN, KOLN, ARCES, AKT, BMO, JOF, BOZ, BOZ, NVAR, and KAF.

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Table with columns for station code, name, frequency, and signal strength. Includes stations like KAF, FINES, DUG, PDAR, OBN, GYA, FITZ, FITZ, KIV, ANMO, AKASG, AKASG, AKB, AS31, ASAR, GNI, ANN, OJC, STHS, STHS, KOLS, BUAR, BUCOVINA, NIE, CRVS, OKC, UPC, EKA, DPC, MORC, MORC, VRI, VRI, CLL, CLL, PLOR, KECS, KECS, KECS, BRG, BRG, PVCC, MLR, VYHS, VYHS, ISR, ISR, VRAC, VRAC, DRGR, DRGR, MOX, VOIR, VOIR, TREST, KHK, STKA, GZR, GZR, BRTR, BRTR, GRA1, GRA1, GRF, GRF, GRF, GRES, GRES, GRES, CONA, UMR, UMR, BZS, BZS, MIB.

1d 16h

Table with columns: STA, Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like VRSR Storozhevoje, VRSR comp=Z,30nm,1.0s, VRSR comp=N,10.0nm,0.7s, etc.

ISCJB 01 15:59:50.9-0.7, 3078S-005.179W-0.3, h204km, 17km, mb4.5/5, Error ellipse: s-maj=38.5km s-min=5.5km az=21.0

NEIC 01 15:59:51.6-0.7, 3059S-17892W, h209km, 7km, mb4.8/2, Error ellipse: s-maj=16.6km s-min=9.1km az=109.0

ISC 01 15:59:53.5-0.9, 3045S-17904W, h216km, 7km, mb4.3/5, mb1 4.3/7, mb1mx3.9/15, mbtmpp3.4/7, Error ellipse: s-maj=24.3km s-min=13.7km az=151.0

ISC 01 15:59:58.2-1.3, 3101S-008-179W-0.3, h219km, 22km, n61, i=1538/55, mb4.5/5, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RAO Raoul Island, MXZ Matakaoa Point, PUZ Puketiti, etc.

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Table with columns: WRA, Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, MKAR Makanchi Array, BVAR Borovoye Array, etc.

IDC 01 16:06:05.5-1.0, 4659N-15326E, h0km, mb3.8/9, mb1 4.0/9, mb1mx3.9/20, mbtmpp3.9/9, MS3.1/2, Ms1 3.1/2, ms1mx2.8/30, Error ellipse: s-maj=26.9km s-min=25.3km az=126.0

NEIC 01 16:06:07.3-0.7, 4670N-15322E, h10km, mb4.1/1, Error ellipse: s-maj=20.1km s-min=12.7km az=149.0

MOS 01 16:06:08.2-1.7, 4674N-15357E, h33km, mb4.3/7, Error ellipse: s-maj=16.5km s-min=14.4km az=87.5

ISCJB 01 16:06:09.3-3.5, 4681N-0.1, 1534E-02, h33km, 24km, mb3.9/13, MS3.4/1, Error ellipse: s-maj=23.0km s-min=9.7km az=90.5

ISC 01 16:06:12.1-1.5, 4699N-01-1534E-02, h42km, 11km, n32, i=1543/33, mb3.9/13, MS3.4/1, C, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, SKR comp=Z,80nm,0.5s, SKR comp=N,90nm,0.5s, etc.

IDC 01 16:13:14.8-6.7, 4651N-15155E, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.5/19, mbtmpp3.9/3, Error ellipse: s-maj=44.0km s-min=30.9km az=86.0, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, ERM Erimo, SONM Songino Array, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BTOK Tokmak, AKHS Akhisar, CANB Canakkale, etc.

IDC 01 16:28:40.6-1.7, 5647S-14046W, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.7/12, mbtmpp3.7/4, MS3.9/12, Ms1 3.9/12, ms1mx3.7/26, Error ellipse: s-maj=51.7km s-min=34.2km az=17.0, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Vnda Vanda, RPZ Rata Peaks, URZ Urewera, etc.

comp=Z,111nm,21.2s,baz=150,slow=31
MKAR Makanchi Array 152.18,286 PKPbc PKPbc 16 48 37.6 -0.5

ISCJB 01 16:30:51.3:0.8,2307S:007.666W:0.1,h237km,14km,
mb3.2/1, Error ellipse: s-maj=21.0km s-min=10.9km
az=13.6

IDC 01 16:30:52.1:1.2,2300S:6659W,h225km,17km,mb3.0/1,
mb1 3.0/8,mb1mx3.0/21,mbtmp3.6/8, Error ellipse:
s-maj=23.3km s-min=15.0km az=100.0

NEIC 01 16:30:52.0:0.8,2307S:6644W,h219km,19km, Error
ellipse: s-maj=26.1km s-min=10.6km az=111.0

ISC 01 16:30:52.4:0.8,2303S:007.666W:0.1,h226km,14km,n10,
r1500/15,mb3.2/1,Jujuy Province

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC. Lists stations like Limon Verde, La Paz, Coronel Fontan, San Ignacio, Paso Flores, etc.

NIED 01 16:35:00.4630N,15330E,h17km,Mw4.5 Best double
couple: Ms5.49000:1015 NP13s48.00000:884.00000,
lambda=149.00000: NP2:3s314.00000:859.00000,
lambda=7.00000

IDC 01 16:35:26.8:0.7,4610N:15302E,h0km,mb4.2/16,
mb1 4.3/17,mb1mx4.2/23,mbtmp4.1/17,ML4.1,MS3.8/6,
Ms1 3.9/6,ms1mx3.4/31, Error ellipse: s-maj=19.0km
s-min=16.8km az=156.0

BUI 01 16:35:27.4,4648N:15301E,h8km,mb4.8,mb4.7,Ms4.3,
Ms4.1

SKHL 01 16:35:27.1:1.9,4600N:15350E,h54km,16km,mb5.1/5,
mbv4.9/2,ms4.2/4,ms5.0/1

ISCJB 01 16:35:27.0:1.0,4597N:005:15316E:0.05,h10km,6km,
mb4.7/8,MS4.0/20, Error ellipse: s-maj=9.6km
s-min=3.7km az=118.7

JMA 01 16:35:28.8:0.6,4632N:15326E,h30km,M4.5
NEIC 01 16:35:28.6:0.5,4598N:15318E,h10km,mb4.8/41, Error
ellipse: s-maj=13.7km s-min=7.9km az=156.0

SZGRF 01 16:35:31.1,4583N:15402E,h30km,mb4.6, East of Kuril
Islands, Russia

MOS 01 16:35:31.2:1.8,4612N:15292E,h30km,mb4.9/44, Error
ellipse: s-maj=8.4km s-min=5.6km az=111.7

ISC 01 16:35:30.0:1.2,4606N:005:15313E:0.05,h17km,7km,
h17km,1.9km:pp-P,n260,r135/284,mb4.7/8,MS4.0/20,
20C-BD,Kuril Islands

Main table of station data with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC. Lists stations like Kuril'sk, Severo-Kuril's, Nemuro 2, etc.

Main table of station data with columns: PET, Sn, Time, Res, ISC. Lists stations like Ashibetsu, Erimo, Urakawa-nobuka, etc.

Main table of station data with columns: BILL, Sn, Time, Res, ISC. Lists stations like BOD, Beijing, Bajiatuau, etc.

1d 16h

Table with columns: AAK, Ala-Archa, 54.16 297c, pP, 16 44 53.1 -1.2, etc. Lists various stations and their frequencies.

2006 OCT

Table with columns: GNI, Garni, 72.99 310, pP, 16 46 59.9 +1.2, etc. Lists various stations and their frequencies.

72

Table with columns: TCF, Toulu Ste Croi, 84.55 340, eP, 16 48 04.1 +1.9, etc. Lists various stations and their frequencies.

JMA 01 16:40:57.3±0.1, 2.938N-140.53E, h264km, M3.9,

Table with columns: Code, Station Name, A, Z, Op, Phase ID, Time, Res. Lists station codes and names.

NIED 01 16:47:00, 4630N-153.90E, h14km, Mw4.2 Best double couple: M2.05000x1015 NP1.9669.00000, delta76.00000, lambda108.00000. NP2.05194.00000, delta83.00000, lambda138.00000.

NEIC 01 16:47:27.7±0.7, 4658N-153.38E, h10km, mb4.3/2, Error ellipse: s-maj=18.9km s-min=13.1km az=140.0.

ISC 01 16:47:34.5±1.2, 4642N-010.1531E, h11km, m71, r154576, mb2/18, 2C-1D, Kuril Islands

Table with columns: Code, Station Name, A, Z, Op, Phase ID, Time, Res. Lists station codes and names.

1d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like BVAR, KBK, BRVK, ARCS, etc.

2006 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like ARCES, AREO, DAG, B04A, etc.

76

Table with columns for station name, frequency, power, and other technical details. Includes stations like M02C, E09A, N02C, K04A, etc.

LAVA	Lava Cap Winer	71.50	55	P	P	17 18 38.7	-0.1
P06A	Stead Airport	71.51	54	↑P	P	17 18 38.9	0.0
L09A	Wilkinson Ranc	71.54	51	↑P	P	17 18 39.3	+0.2
GNI	Garni	71.60	307	i	P	17 18 41.3	+1.9
GNI	comp-Z,17nm,1.9s				pmax		
GNI	comp-Z,1.1m,31.0s				MLR		
R04C	Big Horse Ranc	71.66	56	↓P	P	17 18 38.7	-1.1
MNK	Minsk	71.81	326	eP	P	17 18 37.0	-3.7
WCN	Washoe City	71.81	54	↑P	P	17 18 40.5	-0.2
PAHR	Pah Rah Range	71.82	54	eP	P	17 18 40.5	-0.2
S04C	Ingram Canyon	71.83	56	↓P	P	17 18 40.5	-0.3
R05C	Kirkwood Meado	71.95	55	↓P	P	17 18 41.6	0.0
N08A	GE Springer Mi	71.97	52	↑P	P	17 18 41.5	-0.2
M09A	Marrel Ranch	72.02	51	↑P	P	17 18 41.6	-0.4
CMB	Columbia Colle	72.14	55	eP	P	17 18 42.6	-0.1
CMB	comp-Z,29nm,1.3s,mb5.0				pmax		
CMB	Columbia Colle	72.14	55	eP	P	17 18 42.6	-0.1
CMB	comp-Z,29nm,1.3s,mb5.0						
CMB	Columbia Colle	72.14	55	P	P	17 18 42.6	-0.1
PACP	Pacheco Peak	72.17	57	↑P	P	17 18 43.0	+0.3
N09A	Rock Creek Ran	72.31	52	↓P	P	17 18 43.9	+0.2
EGMT	Eagleton	72.43	42	eP	P	17 18 43.5	-0.9
EGMT	comp-Z,23nm,1.0s,mb5.0						
EGMT	Eagleton	72.43	42	P	P	17 18 44.3	-0.1
R06C	Coleville	72.46	55	↓P	P	17 18 45.1	+0.6
M10A	L.L. Ranch, Tu	72.52	51	P	P	17 18 45.8	+0.8
DLMT	Dillon	72.52	46	eP	P	17 18 44.8	-0.1
HLID	Hailey	72.57	48	eP	P	17 18 45.4	+0.1
HLID	comp-Z,8.3nm,1.0s,mb4.5						
HLID	Hailey	72.57	48	P	P	17 18 45.6	+0.4
S05C	Merced	72.57	56	↑P	P	17 18 45.7	+0.5
P08A	Dixie Valley	72.64	53	↑P	P	17 18 46.2	+0.6
BMN	Battle Mountai	72.74	52	eP	P	17 18 46.4	+0.1
BMN	comp-Z,45nm,1.5s,mb5.1				pmax		
BMN	Battle Mountai	72.74	52	eP	P	17 18 46.4	+0.2
V03C	Hunter Liggett	72.74	58	↓P	P	17 18 46.8	+0.5
BOZ	Bozeman (W)	72.89	45	eP	P	17 18 47.3	+0.2
BOZ	comp-Z,18nm,1.1s,mb4.8				pmax		
BOZ	Bozeman (W)	72.89	45	eP	P	17 18 47.2	+0.1
BOZ	comp-Z,18nm,1.1s,mb4.8						
BOZ	Bozeman (W)	72.89	45	P	P	17 18 47.4	+0.3
O09A	Fish Creek Ran	72.92	52	P	P	17 18 47.9	+0.6
R07C	Lee Vining	72.97	55	P	P	17 18 48.7	+1.1
M11A	Holland Ranch	73.02	50	↓P	P	17 18 47.7	-0.2
NB2	NORSAR Subarra	73.15	338	P	P	17 18 48.0	-0.7
NB2	comp-Z,27nm,0.9s,mb5.1						
NB2	NORSAR Subarra	73.15	338	P	P	17 18 48.0	-0.7
NB2	comp-Z,27nm,0.9s,mb5.1				pmax		
NOA	NORSAR Array B	73.15	338	P	P	17 18 48.4	-0.3
NOA	comp-Z,17nm,0.8s,mb5.0,baz=39,slow=5.9,SNR=72						
NOA	comp-Z,12nm,0.8s,baz=39,slow=6.0,SNR=9.6						
NOA	LR				LR	17 53 31.6	
NOA	NORSAR Array B	73.15	338	P	P	17 18 48.4	-0.3
NOA	comp-Z,17nm,0.8s				pmax		
NOA	comp-Z,17nm,0.8s				pmax		
NOA	comp-Z,17nm,0.8s				MLR		
NOA	comp-Z,131nm,21.9s,baz=50,slow=98				MLR		
T06C	Millerton Lake	73.17	56	P	P	17 18 48.3	-0.5
ANN	Anapa	73.19	314	eP	P	17 18 41.5	-7.4
ANN	comp-Z,45nm,1.4s,mb5.1				pmax		
V04C	Ramage Ranch	73.21	58	↑P	P	17 18 49.1	+0.1
Q08A	Gabbs	73.22	54	P	P	17 18 49.5	+0.3
KCC	Kaiser Creek	73.24	56	P	P	17 18 49.3	+0.1
NVAR	Mina Array Bea	73.24	54	P	P	17 18 49.4	+0.4
NVAR	comp-Z,7.1nm,0.8s,mb4.6,baz=281,slow=7.2,SNR=63						
PKD	Parkfield	73.25	57	P	P	17 18 49.4	+0.2
O10A	Cortez Mining	73.27	52	↓P	P	17 18 49.8	+0.4
U05C	Westside ANR	73.30	57	↓P	P	17 18 50.0	+0.5
P09A	Austin	73.31	53	↑P	P	17 18 50.1	+0.4
MLAC	Mammoth Lakes	73.37	55	↑P	P	17 18 50.9	+0.9
NAO01	NORSAR Array S	73.40	338	eP	P	17 18 49.6	-0.5
R08A	Mina	73.42	54	↑P	P	17 18 50.7	+0.5
QLMT	Earthquake Lak	73.50	46	eP	P	17 18 51.0	+0.2
M12A	Wells	73.56	50	P	P	17 18 52.1	+1.0
PTRM	Twissleman Ran	73.63	57	eP	P	17 18 52.0	+0.5
AKASG	Malin Array Be	73.70	323	P	P	17 18 51.5	-0.4
AKASG	comp-Z,9.8nm,0.5s,mb4.8,baz=46,slow=6.3,SNR=71						
AKASG	comp-Z,20nm,0.6s,baz=45,slow=6.0,SNR=5.9				pP	17 19 09.2	-1.4
AKASG	comp-Z,10nm,18.0s,baz=195,slow=39				LR	17 55 08.1	
AKASG	Malin Array Be	73.70	323	P	P	17 18 51.5	-0.4
AKASG	comp-Z,10nm,0.5s				pP	17 19 09.2	-1.4
AKASG	comp-Z,10nm,0.5s				pmax		
AKASG	comp-Z,10nm,0.5s				MLR		
AKBB	Malin Array S	73.70	323	eP	P	17 18 51.4	-0.5
MTUM	Tungsten Hills	73.71	55	eP	P	17 18 52.4	+0.4
Q09A	Carvers	73.71	53	↓P	P	17 18 52.3	+0.3
V05C	Boulder Hill	73.71	57	↓P	P	17 18 51.1	-0.9
HELL	Mitchell Peak	73.81	56	P	P	17 18 52.2	-0.4
N12A	Clover Valley	73.83	51	↑P	P	17 18 52.9	+0.2
GCMT	Greycliff	73.87	44	eP	P	17 18 53.2	+0.3
S06C	White Mtn Res	73.88	55	P	P	17 18 53.6	+0.7
O11A	Cowboy Ranch	73.88	51	P	P	17 18 53.6	+0.7
SMMC	Simmler	73.97	58	↓P	P	17 18 53.6	+0.1
TIN	Tinemaha	74.10	55	↓P	P	17 18 54.4	+0.2
SUW	Suwalki	74.13	328	eP	P	17 18 54.1	-0.3
SUW	comp-Z,25nm,1.0s				pP	17 19 12.8	-0.4
R09A	Tonopah	74.14	54	eP	P	17 18 54.5	+0.1
TPH	Tonopah	74.14	54	eP	P	17 18 54.8	+0.3
TPH	comp-Z,31nm,1.3s,mb4.9				pmax		
TPH	Tonopah	74.14	54	eP	P	17 18 54.8	+0.3
P11A	Circle Ranch	74.17	52	↓P	P	17 18 54.3	-0.4

LKWY	Lake	74.24	45	eP	P	17 18 57.1	+2.0
LKWY	comp-Z,8.0nm,1.1s,mb4.4				pmax		
LKWY	Lake	74.24	45	eP	P	17 18 57.1	+2.0
VES	Vestal, Richgr	74.27	57	P	P	17 18 54.5	-0.7
N13A	Wendover, West	74.33	50	↓P	P	17 18 55.2	-0.4
PKM	Peak Mountain	74.34	58	↑P	P	17 18 55.4	-0.2
S09A	Goldfield	74.35	54	P	P	17 18 55.9	+0.3
IMW	Indi Minsk	74.36	46	eP	P	17 18 56.3	+1.1
O12A	Currie	74.36	51	P	P	17 18 56.8	+0.6
FLWY	Flagg Ranch	74.38	46	eP	P	17 18 57.0	+1.2
MOOW	Moose Ponds	74.56	46	eP	P	17 18 57.6	+0.7
CWC	Cottonwood Cre	74.56	56	P	P	17 18 57.0	+0.1
R10A	Warm Springs	74.59	53	↑P	P	17 18 56.9	-0.2
TPAW	Teton Pass	74.60	46	eP	P	17 18 58.0	+0.9
HVU	Hansel Valley	74.61	49	eP	P	17 18 57.7	+0.5
HVU	comp-Z,9.0nm,0.9s,mb4.5				pmax		
HVU	Hansel Valley	74.61	49	eP	P	17 18 57.6	+0.4
Q11A	Duckwater	74.62	52	P	P	17 18 57.7	+0.2
GRAC	Grapevine Rang	74.69	55	P	P	17 18 58.2	+0.6
LOHW	Low Hollow	74.72	46	eP	P	17 18 58.3	+0.4
SNOW	Snow King Moun	74.73	46	eP	P	17 18 58.7	+0.8
REDW	Red Top Meado	74.74	46	eP	P	17 18 58.5	+0.6
P12A	McGill	74.74	52	↑P	P	17 18 57.8	-0.2
KONO	Kongsberg	74.75	337	eP	P	17 18 57.7	-0.3
ISA	Isabella	74.75	57	P	P	17 18 57.5	-0.6
ARVC	Arvin	74.86	57	P	P	17 18 58.6	0.0
DAC	Darwin (Calif)	74.97	56	eP	P	17 18 58.7	-0.6
DAC	comp-Z,19nm,1.4s,mb4.6				pmax		
DAC	Darwin (Calif)	74.97	56	eP	P	17 18 58.7	-0.6
BGU	Big Grassy Mou	74.99	49	eP	P	17 18 59.6	+0.2
TRCR	Troy Canyon	75.00	53	eP	P	17 18 59.2	-0.3
Q12A	Willow Creek R	75.05	52	↓P	P	17 18 59.9	+0.1
SPUT	South Promonto	75.09	49	eP	P	17 18 58.7	-1.3
LAO	LASA Array	75.13	42	eP	P	17 19 00.0	-0.2
MPMC	Manual Propsec	75.17	56	P	P	17 19 00.6	+0.2
OSI	Osito Adit	75.23	58	↓P	P	17 19 00.4	-0.4
FURC	Furnace Creek	75.33	55	P	P	17 19 01.7	+0.3
LRMC	Laurel Mountai	75.39	56	↓P	P	17 19 01.6	-0.1
HWUT	Hardware Ranch	75.43	48	eP	P	17 19 02.2	+0.3
EDW2	Edwards Air Fo	75.56	57	P	P	17 19 02.8	+0.2
DUG	Dugway	75.57	50	eP	P	17 19 02.8	+0.1
DUG	comp-Z,20nm,1.0s,mb4.8				pmax		
DUG	Dugway	75.57	50	eP	P	17 19 02.8	+0.1
DUG	comp-Z,20nm,1.0s,mb4.6						
NOQ	North Oquirrh	75.70	49	eP	P	17 19 03.1	-0.3
DECO	Gre Verdugo	75.71	58	↓P	P	17 19 03.1	-0.4
UMR	Umm Al-Rimmam	75.80	296	eP	P	17 19 01.0	-3.0
UMR	comp-Z,16nm,0.4s,mb5.1				AMB	17 19 04.1	
TCUT	Toone Canyon	75.83	49	eP	P	17 19 04.7	+0.5
PDAR	Pinedale Array	75.85	46	P	P	17 19 04.2	-0.2
PDAR	comp-Z,10.0nm,0.7s,mb4.7,baz=277,slow=2.7,SNR=76				pP	17 19 23.4	+0.2
SHOC	Shoshone	76.05	55	↓P	P	17 19 05.2	-0.2
GSC	Goldstone	76.07	56	P	P	17 19 05.6	+0.1
QRN	Al-Qurain	76.13	296	eP	P	17 19 05.7	-0.2
QRN	comp-Z,39nm,0.4s,mb5.5				AMB	17 19 07.0	
BFSC	Mount Baldy St	76.16	57	P	P	17 19 06.1	0.0
NLU	North Lily Min	76.16	50	eP	P	17 19 06.3	+0.2
RDF	Al-Radifah	76.29	296	eP	P	17 19 06.5	-0.3
NAY	Al-Naaien	76.31	296	eP	P	17 19 06.4	-0.5
DAU	Daniels Canyon	76.36	49	eP	P	17 19 07.7	+0.5
MPU	Maple Canyon	76.39	50	eP	P	17 19 07.7	+0.4
BSD	Bornholm Skovb	76.59	332	↑P	P	17 19 26.6	-0.6
BSD	comp-Z,38nm,0.9s				pP	17 19 07.9	-0.4
BSD	Bornholm Skovb	76.59	332	↑P	P	17 19 07.9	-0.4
BSD	comp-Z,21nm,1.1s,mb4.9				pmax		
BSD	Bornholm Skovb	76.59	332	↑P	P	17 19 26.6	-0.6
TUQ	Turquoise Mtn.	76.56	55	↓P	P	17 19 08.7	+0.3
V11A	Goodsprings	76.63	55	P	P	17 19 09.1	+0.3
HEC	Hector,Ludlow	76.67	56	↓P	P	17 19 09.9	-0.1
ARUT	Antelope Range	76.68	52	eP	P	17 19 08.6	+0.6
LVV	L'vov	76.73	324	eP	P	17 19 08.9	-0.4
BOYT	Boyabat	76.75	313	i	P	17 19 28.5	+0.3
U12A	Valley of Fire	76.83	54	↑P	P	17 19 10.2	+0.8
MURC	Murrieta	76.85	58	↑P	P	17 19 09.3	-0.7
CCUT	Cedar City	76.88					

NEIC 01 18:29:43.2.1.1, 601S:14660E, h49km, mb4.5/6, Error ellipse: s-maj=10.3km s-min=8.7km az=115.0

comp=Z,6.1nm,0.5s,baz=170,slow=2.6,SNR=20 BDFB Brasilia 154.0146 PKP PKPdf 18 49 31.4 +1.9

AKASG Malin Array Be 71.96 323 P P 18 58 56.7 -0.6

ISC 01 18:29:44.2.1.3, 607S:006:14662E.007, h55.0m, n56, e091/43, mb4.4/18, MS4.0/11, Eastern New Guinea region

comp=Z,2.4nm,0.5s,baz=22,slow=1.4,SNR=1 BDFB comp=Z,5.1nm,0.4s,baz=202,slow=1.4,SNR=15

AKASG Malin Array Be 71.96 323 P P 18 58 56.7 -0.6

CASC 01 18:40:54.1.1.7, 923N:7927W, h75km, mb3.3/3, mb1.3/4, mb1mx3.0/14, mbtmp4.3/4, Error ellipse: s-maj=116.7km s-min=109.6km az=97.0, Fiji

AKASG Malin Array Be 71.96 323 P P 18 58 56.7 -0.6

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

Code Station Name Az AZZ Phase ID Time Res h m s ISC

PMG Port Moresby 3.35 171 Pn 18 30 33.0 -1.1

UPA Univ. de Panam 0.86 226f Op 18 30 32.8 -1.3

ISCJB 01 19:00:14.5.1.8, 484N:0.10x:1247E.02, h49km, mb3.2, ML4.5, MS5.8

PMG 42nm,0.3s,baz=342,slow=11,SNR=60

WRA Warramunga Arr 18.23 220 P 18 33 52.9 -0.3

MAN 01 19:00:17.4.2.1, 481N:12475E, h60km, mb3.2, ML4.5, MS5.8

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

NEIC 01 19:00:20.2.10.0, 487N:12503E, h86km, mb3.0, ML4.0, MS4.0

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

IDC 01 18:41:06.2.16.0, 1757S:7919W, h644km, mb3.3/3, mb1.3/4, mb1mx3.0/14, mbtmp4.3/4, Error ellipse: s-maj=116.7km s-min=109.6km az=97.0, Fiji

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

ISlands region

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

DZM Mont Dzumac 14.04 249 Op 18 44 04.4 +0.6

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

STKA Stephens Creek 37.96 240 P 18 47 31.8 +0.2

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

WRA Warramunga Arr 18.23 220 P 18 33 52.9 -0.3

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

ASAR Alice Springs 43.96 254 P 18 48 19.3 +0.5

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

GERES Geres Array B 147.04 344 PKPbc 18 59 38.0 -0.4

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

IDC 01 18:47:17.2.1.3, 2238N:9374E, h0km, mb3.5/5, mb1.3/7.5, mb1mx3.5/20, mbtmp3.5/5, Error ellipse: s-maj=63.7km s-min=21.5km az=60.0, Myanmar-India border region

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

Code Station Name Az AZZ Phase ID Time Res h m s ISC

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

MKAR Makanchi Array 26.06 342 Op 18 52 52.5 +0.2

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

SOMN Songino Array 27.36 19 P 18 53 04.1 +0.1

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

WRA Warramunga Arr 18.23 220 P 18 33 52.9 -0.3

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

ASAR Alice Springs 60.17 137 P 18 57 27.2 +0.5

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

GERES Geres Array B 147.04 344 PKPbc 18 59 38.0 -0.4

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

NIED 01 18:47:00.4170N:14430E, h20km, Mw4.0 Best double couple: M0.95000x1014 NP1.0x12.00000x, 0.875.00000x, 1.53.00000x. NP2.0x264.00000x, 0.840.00000x, 1.5.157.00000x.

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

MOS 01 18:47:35.8.1.0, 4170N:14421E, h33km, mb4.2/9, Error ellipse: s-maj=15.6km s-min=10.1km az=98.3

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

ISCJB 01 18:47:35.4.1.0, 4168N:005:14444E.009, h37km, mb3.9/11, MS3.8/1, Error ellipse: s-maj=13.1km s-min=6.8km az=60.8

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

JMA 01 18:47:36.7.0.2, 4174N:14430E, h27km, mb3.3, ML4.1, NEIC 01 18:47:37.4.3.2, 4177N:14426E, h32km, mb4.2/4, Error ellipse: s-maj=17.8km s-min=9.2km az=93.0

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

IDC 01 18:47:38.2.4.3, 4172N:14429E, h38km, mb3.6/8, mb1.3/8.1, mb1mx3.6/22, mbtmp3.8/10, ML3.2/2, MS3.7/1, Ms1.3/7.1, ms1mx2.9/34, Error ellipse: s-maj=36.9km s-min=23.4km az=95.0

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

ISC 01 18:47:36.5.2.3, 4175N:005:14438E.009, h29km, mb3.9/11, MS3.8/1, C, Hokkaido region

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

Code Station Name Az AZZ Phase ID Time Res h m s ISC

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

ERimo Erimo 0.95 287 P 18 47 54.0 0.0

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

JCH Churui 1.15 319 P 18 47 56.7 0.0

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

JOB Onkets 1.23 341 P 18 47 57.8 +0.1

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

JAK Akkeshi 1.27 117 P 18 47 58.5 +0.1

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

JNBK Uraakaha-nobuka 1.32 294 P 18 47 59.2 +0.1

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

ASAJ Asahikawa 2.71 322 P 18 48 18.6 +0.5

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

KUR Kuril'sk 4.31 35 eP 18 48 44.0 +3.8

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

KUR Kuril'sk 4.31 35 eP 18 48 44.0 +3.8

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

KUR Kuril'sk 4.31 35 eP 18 48 44.0 +3.8

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

KUR Kuril'sk 4.31 35 eP 18 48 44.0 +3.8

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

KUR Kuril'sk 4.31 35 eP 18 48 44.0 +3.8

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

KUR Kuril'sk 4.31 35 eP 18 48 44.0 +3.8

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

KUR Kuril'sk 4.31 35 eP 18 48 44.0 +3.8

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

KUR Kuril'sk 4.31 35 eP 18 48 44.0 +3.8

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

KUR Kuril'sk 4.31 35 eP 18 48 44.0 +3.8

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

KUR Kuril'sk 4.31 35 eP 18 48 44.0 +3.8

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

KUR Kuril'sk 4.31 35 eP 18 48 44.0 +3.8

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

KUR Kuril'sk 4.31 35 eP 18 48 44.0 +3.8

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

KUR Kuril'sk 4.31 35 eP 18 48 44.0 +3.8

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

KUR Kuril'sk 4.31 35 eP 18 48 44.0 +3.8

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

KUR Kuril'sk 4.31 35 eP 18 48 44.0 +3.8

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

KUR Kuril'sk 4.31 35 eP 18 48 44.0 +3.8

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

KUR Kuril'sk 4.31 35 eP 18 48 44.0 +3.8

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

KUR Kuril'sk 4.31 35 eP 18 48 44.0 +3.8

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

KUR Kuril'sk 4.31 35 eP 18 48 44.0 +3.8

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

KUR Kuril'sk 4.31 35 eP 18 48 44.0 +3.8

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

KUR Kuril'sk 4.31 35 eP 18 48 44.0 +3.8

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

KUR Kuril'sk 4.31 35 eP 18 48 44.0 +3.8

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

KUR Kuril'sk 4.31 35 eP 18 48 44.0 +3.8

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 18 34 27.2 +0.6

KUR Kuril'sk 4.31 35 eP 18 48 44.0 +3.8

CTA Charters Tower 13.94 181 eP 18 32 59.9 +1.1

ASAR Alice Springs 21.34 214 eP 1

1d 19h

Table with columns: Day, Station Name, Time, Res, Code, Station Name, Az, Az2, Phase ID, Time, Res, Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Stuetta, La Plagne, Roselend, etc.

2006 OCT

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Tokmak, Akhisar, Ayvalik, Canakkale, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Scurtabb, Bobbio (Coli), BACM, etc.

ISCJB 01 19:08:35.9.0.5, 3936N-002-2789E.002, h7km, 4km, Error ellipse: s-maj=3.4km s-min=3.0km az=79.5
CSEM 01 19:08:36.4.0.1, 3935N-2787E, h8km, MD3.1, Error ellipse: s-maj=2.7km s-min=1.6km az=17.0
ATH 01 19:08:36.4, 3938N-2785E, h20km, MD3.5/3
NEIC 01 19:08:36.0, 3935N-2783E, h14km, MD3.1(ISK), MD3.5(ATH), After ISK.
PRU 01 19:18:00.1, 4441N-964E, h0km
VIE 01 19:18:01.8.0.5, 4432N-967E, h10km, mb2.6/4, ML3.1/7, Error ellipse: s-maj=4.8km s-min=2.3km az=51.0, 59 km E of Genua
STR 01 19:18:02.3.0.1, 4431N-947E, h10km, M3.1/7, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0
LDG 01 19:18:02.3.0.1, 4431N-947E, h10km, M3.2/17, Error ellipse: s-maj=8.0km s-min=2.7km az=163.0

1d 21h

Table of astronomical observations for 1d 21h, listing stations like HYB, HYB, SONM, etc., with columns for station name, coordinates, and observation details.

2006 OCT

Table of astronomical observations for 2006 OCT, listing stations like COLA, DIV, KIV, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2006 OCT, listing stations like ISC 01 21:02:10.7, KUR, etc., with columns for station name, coordinates, and observation details.

NEIC 01 19:56:52.2, 1336N-583W, h34km, MD3.9(TRN), After TRN.

Table of astronomical observations for NEIC 01 19:56:52.2, listing stations like Code, Station Name, and observation details.

NEIC 01 20:14:19.2, 3314S-7027W, h3km, ML3.1(GUC), After GUC.

Table of astronomical observations for NEIC 01 20:14:19.2, listing stations like Code, Station Name, and observation details.

ISC/BJ 01 21:05:58.6, 0.5, 2638S-003.7053W, 0.10, h33km, mb4.4/6, Error ellipse: s-maj=12.7km s-min=4.7km az=12.9

Table of astronomical observations for ISC/BJ 01 21:05:58.6, listing stations like Code, Station Name, and observation details.

NIED 01 21:02:00, 4660N-15370E, h20km, Mw4.0 Best double couple: Mo1.070000-1015 NP1.0440000-883.00000, lambda-154.00000- NP2.0311.00000-64.00000- lambda-8.00000-

Table of astronomical observations for NIED 01 21:02:00, listing stations like Code, Station Name, and observation details.

ISC 01 21:11:00.5, 0.6, 2642S-004.706W, 0.1, h35km, n29, r15/30, mb4.6/1D, Near coast of northern Chile

Table of astronomical observations for ISC 01 21:11:00.5, listing stations like Code, Station Name, and observation details.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like CFAA Coronel Fontan, CFAA La Paz, LPAZ La Paz, CPUP Villa Florida, SIV San Ignacio, TRQA Tornequist, etc.

WEL 01 21:22:14.0-0.4, 4125S-17273E, h144km, 3km, ML3.5/13, 3C, Error ellipse: s-maj=2.2km s-min=2.2km az=0.0, South Island

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like QRZ Quartz Range, NNZ Nelson, NHZ Tophouse, etc.

NEIC 01 21:51:48.4, 1678N-9976W, h5km, MD3.9(MEX), After MEX

MEX 01 21:51:47.9-1.0, 1673N-9974W, h7km, 9km, MD4.0, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like ACX Acapulco, CAIG El Cayaco, MEIG Mezcala, etc.

CSEM 01 22:07:00.4, 6719N-2068E, h0km, ML2.8, Mining explosion, After UPP

HEL 01 22:07:01.0-0.0, 6718N-2069E, h0km, ML2.8(UPP), Explosion, Sweden

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like DUNU Dundret, MASU Masungnsby, ERTU Ertsejnar, etc.

ISCJB 01 22:15:03.8-0.4, 3509N-002-279W, 004, h10km, Error ellipse: s-maj=5.1km s-min=2.8km az=35.3

NEIC 01 22:15:04.0, 3498N-309W, h6km, MG3.4(MDD), After MDD

CSEM 01 22:15:04.3, 3513N-276W, h1km, MD3.4, After CNRM

MDD 01 22:15:05.4-0.3, 3506N-281W, h7km, 3km, mb3.0, 3/14, Error ellipse: s-maj=4.8km s-min=2.7km az=74.0, PRXIMO

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like ZAI Zaio, MELI Meilla, EMEL Meilla, etc.

NEIC 01 22:27:30.0, 1375N-5981W, h34km, MD4.0(TRN), After TRN

TRN 01 22:27:29.4, 1374N-5982W, h25km, MD4.0, M4.0(FDF), MD3.5(FDF), 6C-1D, Windward Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like BBGH Gun Hill, BBSP Saint Philip, MVM Montagne Vauci, etc.

IDC 01 22:34:07.4-1.1, 1267N-9236E, h0km, mb3.7/9, mb1 3.9/9, ms1mx3.7/21, mbtmp3.7/9, MS4.1/1, Ms1 4.1/1, ms1mx3.0/4.9, Error ellipse: s-maj=51.3km s-min=19.0km az=54.0

ISCJB 01 22:34:09.5-6.0, 126N-02-923E.02, h27km, 41km, mb3.9/11, MS4.1/1, Error ellipse: s-maj=37.0km s-min=16.5km az=91.0

NEIC 01 22:34:12.1-0.7, 1267N-9229E, h0km, mb4.3/2, Error ellipse: s-maj=25.4km s-min=11.6km az=56.0

ISC 01 22:34:13.0-3.1, 127N-02-923E.02, h35km, 26km, n21, 0570/20, mb3.9/11, MS4.1/1, Adaman Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like PBA Port Blair, PKI Pulchoki, DMN Daman, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like AKTO Aktyubinsk, WRA Warrungarra Arr, WRA Alice Springs, etc.

ISCJB 01 22:39:03.4-0.9, 464N-0.1-1532E.01, h10km, mb4.1/19, Error ellipse: s-maj=18.8km s-min=7.7km az=96.3

IDC 01 22:39:03.3-1.1, 4632N-15307E, h0km, mb3.8/10, mb1 4.0/10, mb1 mx3.8/21, mbtmp3.8/10, Error ellipse: s-maj=92.1km s-min=23.3km az=179.0

BJJ 01 22:39:05.1, 4654N-15307E, h31km, mb4.6, mb3.9, MOS 01 22:39:07.1, 4658N-15307E, h33km, mb4.2/8, Error ellipse: s-maj=16.1km s-min=14.6km az=117.6

NEIC 01 22:39:07.1-1.4, 4669N-15300E, h10km, mb4.0/4, Error ellipse: s-maj=31.4km s-min=14.1km az=131.0

ISC 01 22:39:02.0-0.9, 466N-0.1-1532E.01, h10km, n42, 0599/42, mb4.1/19, Kuril Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like SKR Severo-Kuril's, MAJO Matushiro Arr, MAJO Matushiro, etc.

INX Inuvik, INK Inuvik, INK Inuvik

INX Inuvik, MKAR Makanchi Array, MKAR Makanchi Array

MKAR Makanchi Array, LSA Lhasa, BVAR Borovoye Array

BRVK Borovoye, BRVK Borovoye, ZRNK Zerenka

AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa

AAK Ala-Archa, KKN Kakani, PML Pulchoki

PKN Pkandari, GKN Gorkha, KOLN Koldanda

NVAR Nina Array Bea, FINES FINESS Array B, FINES FINESS Array B

PDAR Pinedale Array, NB2 NORSAR Subarra, NOA NORSAR Array B

NOA NORSAR Array B, AKASG Malin Array B, AKASG Malin Array B

CLL Calm, GERES GERES Array B, GERES GERES Array B

ATH 01 22:43:24.7, 3943N-2800E, h10km, MD3.4/3, CSEM 01 22:43:25.8-0.1, 3938N-2788E, h5km, MD3.0, Error ellipse: s-maj=2.4km s-min=1.7km az=110.0

ISCJB 01 22:43:26.0-0.5, 3938N-002-2788E.003, h6km, 4km, Error ellipse: s-maj=3.4km s-min=3.0km az=43.7

ISK 01 22:43:28.0, 3939N-2782E, h28km, MD3.0, SOF 01 22:43:29.0, 3954N-2766E, h8km, MD2.8

ISC 01 22:43:27.0-0.4, 3937N-002-2788E.003, h12km, 3km, n38, 0569/53, Turkey

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like BTOK Tokmak, AKHS Akhserai, CANB Canakkale, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Uludag, Marmara Adasi, Parasekvi, Gediz, Ezine, Sarkoy-Tekirda, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ATKA, AMKA, AMKA, AMKA, NIKO, etc.

IDC 01 22:48:15.0-0.7, 1272N, 9241E, h0km, mb4.0/16, mb1.4/16, mb1mx4.0/24, mbtmp4.0/16, Error ellipse: s-maj=36.2km s-min=13.9km az=55.0

ISCJB 01 22:48:17.2-2.8, 1269N, 006.9239E, 007, h28km, 20km, mb4.1/22, Error ellipse: s-maj=13.1km s-min=8.4km az=11.9

NEIC 02 00:43:28.3, 6557N, 13694W, h1km, ML3.5(AEIC), ML3.7(PGC), After PGC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Port Blair, Chiang Mai, Vishakhapatnam, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Dawson, Mentasta, Haines Junctio, etc.

IDC 01 23:36:04.5, 2969S, 7125W, h51km, MD3.7(GUC), After GUC.

GUC 01 23:36:04.5-0.4, 2969S, 7125W, h51km, MD3.7, ML4.0, 5C-2D, Near coast of central Chile

LDG 02 00:43:51.5-0.1, 4314N, 077W, h22km, Md2.0/3, M1.1/2, Error ellipse: s-maj=2.9km s-min=1.3km az=8.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like West Island, Lanzhou, Gaotai, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LSCH, Tollo Astrono, Tollo Astrono, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Whitehorse, Fort Nelson, Yellowknife Arr, etc.

IDC 02 00:23:38.2-0.8, 5173N, 17663W, h0km, mb3.8/9, mb1.4/10, mb1mx3.8/25, mbtmp3.9/10, ML3.8/1, Error ellipse: s-maj=28.9km s-min=18.9km az=153.0

ISCJB 02 00:23:45.0-0.8, 5191N, 02.17652W, 009, h65km, 9km, mb3.7/9, Error ellipse: s-maj=27.9km s-min=6.7km az=153.1

NEIC 02 00:23:45.9, 5149N, 17638W, h21km, ML3.0(AEIC), After AEIC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RAO, STKA, ASAR, WRA, FINES, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RAO, STKA, ASAR, WRA, FINES, etc.

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

ISCJB 01 22:50:08.6-1.6, 2985S, 12971E, h0km, mb4.0/4, mb1.4/16, mb1mx3.9/16, mbtmp3.9/6, ML3.7/2, MS3.5/1, Mst 3.5/1,

IDC 02 00:23:38.2-0.8, 5173N, 17663W, h0km, mb3.8/9, mb1.4/10, mb1mx3.8/25, mbtmp3.9/10, ML3.8/1, Error ellipse: s-maj=28.9km s-min=18.9km az=153.0

LDG 02 00:43:52.1-0.4, 4319N, 074W, h5km, M2.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

2d 1h

Table with columns: LAJ, Bijagal, 2.96 113 eP, Pn, 01 20 40.0 -4.1, OCM, Ochomogo, 3.40 111 eP, Pn, 01 20 47.1 +1.1, BUS, Buena Vista, 3.11 115 eP, Pn, 01 20 51.9 +1.6

NIED 02 01:21:00, 4670N:15360E, h23km, Mw4.0 Best double couple: M0 1.32000x10^15, N1 1.410000x10^15, ...

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

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

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

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

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

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Table with columns: VOIR, BRTR, Keskin Array B, 75.53 37 P, P, 01 23 51.2 +2.5

CSEM 02 01:21:49.6.0.1, 341.1N-2568E, h80km, Mw3.2, Error ellipse: s-maj=2.7km s-min=1.0km az=31.0

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

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

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

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

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Table with columns: HRFI, Mount Harif, 9.01 114 Pn, Pn, 01 25 32.2 -6.7

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

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

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

B05A	Bryant	22.18	91	↑P	P	01 28 03.0 +0.2	HATC	Hat Creek Radi	26.83	105	↑P	P	01 28 46.8 +0.2	PDAR	Pinedale Array	32.55	91	P	P	01 29 37.2 -0.1
F03A	Seaside	22.51	98	↓P	P	01 28 07.3 +1.0	C13A	Hot Springs	26.90	86	↓P	P	01 28 47.1 -0.1	SHOC	Shoshone	33.16	107	↓P	P	01 29 42.4 -0.2
E04A	Onalaska	22.64	95	↓P	P	01 28 08.4 +0.7	GASB	Alder Springs	26.91	108	↓P	P	01 28 47.5 +0.2	GSC	Goldstone	33.30	108	eP	P	01 29 43.9 0.0
C05A	Toit Reservoir	22.69	92	↑P	P	01 28 08.6 +0.3	K07A	Rock Creek Ran	26.91	100	↓P	P	01 28 47.4 0.0	GSC	Goldstone	33.30	108	eP	P	01 29 43.7 -0.2
D05A	Enumclaw	22.77	93	↑P	P	01 28 09.3 +0.2	J08A	Circle Bar Ran	26.95	98	↑P	P	01 28 48.0 +0.2	U11A	Corn Creek	33.30	105	↑P	P	01 29 43.9 +0.1
G03A	Yamhill	23.01	99	↓P	P	01 28 11.8 +0.2	I09A	Lost Marbles R	27.02	96	↑P	P	01 28 48.2 -0.1	ARUT	Antelope Range	33.47	101	eP	P	01 29 45.4 +0.1
L0N	Longmire	23.10	94	eP	P	01 28 13.4 +0.8	M06C	Likely Place G	27.14	103	↑P	P	01 28 49.5 +0.1	ARUT	Antelope Range	33.47	101	eP	P	01 29 58.0 -0.1
F04A	Amboy	23.17	96	↓P	P	01 28 13.3 0.0	HOPS	Hopland	27.16	110	eP	P	01 28 49.3 -0.4	BFSO	Mount Baldy St	33.60	110	↓P	P	01 29 46.1 -0.4
YKA	Yellowknife Ar	23.21	52	P	P	01 28 13.5 -0.2	HOPS	Hopland	27.16	110	↑P	P	01 28 49.4 -0.3	CCUT	Cedar City	33.67	101	eP	P	01 29 47.0 -0.2
YKA	comp=Z,139nm,19.2s,MS3.4,baz=45,slow=35				LR	01 36 50.2	HOPS	Hopland	27.16	110	↑P	P	01 28 49.4 -0.3	V11A	Pinyon Creek	33.69	106	↓P	P	01 29 47.3 0.0
YKA	Yellowknife Ar	23.21	52	P	P	01 28 13.5 -0.2	L07A	Adell	27.27	101	↑P	P	01 28 51.2 +0.5	TUQ	Turquoise Mtn.	33.70	107	↓P	P	01 29 47.2 -0.2
E05A	Randle	23.23	95	↑P	P	01 28 13.5 -0.3	K08A	Mann Creek Ran	27.33	99	↑P	P	01 28 51.2 0.0	MSU	Marlysvale	33.71	99	eP	P	01 29 47.9 +0.4
B07A	Winthrop	23.25	89	↑P	P	01 28 14.5 +0.3	J09A	Fry Pan Ranch,	27.38	97	P	P	01 28 51.7 +0.1	MSU	Marlysvale	33.71	99	eP	P	01 32 26.4 +0.2
D06A	Cie Elum	23.42	92	↑P	P	01 28 15.9 0.0	WVOR	Wild Horse Val	27.42	99	eP	P	01 28 52.0 0.0	U12A	Valley of Fire	33.77	104	↑P	P	01 29 47.9 -0.1
G04A	Mulino	23.54	98	↑P	P	01 28 17.0 +0.2	MNRC	McLaughlin Nat	27.59	109	↑P	P	01 28 53.0 -0.2	V12A	Nelson	34.10	105	P	P	01 29 51.0 +0.2
C07A	Waterville	23.66	91	↑P	P	01 28 17.5 -0.3	ORV	Oroville	27.69	107	↑P	P	01 28 52.8 -1.3	SRU	San Rafael	34.28	97	eP	P	01 29 52.8 +0.4
E06A	Yakima	23.70	94	↑P	P	01 28 18.6 +0.4	MSO	Missoula	27.70	87	eP	P	01 28 54.1 -0.3	RWVY	Rawlins	34.39	90	eP	P	01 29 55.5 +0.4
I03A	Eugene	23.79	101	↑P	P	01 28 19.2 +0.1	O05C	Quincy	27.71	106	↓P	P	01 28 54.6 +0.1	BELC	Belle Mtn.	34.70	109	P	P	01 29 55.4 -0.6
KEBM	Edson Butte	23.86	105	P	P	01 28 20.1 +0.4	L08A	Fields	27.74	100	↑P	P	01 28 54.8 -0.1	PFO	Pinyon Flat Ob	34.74	110	↓P	P	01 29 55.5 -0.8
A09A	Danville	23.92	87	↓P	P	01 28 20.8 +0.4	M07A	Sold Meadow	27.77	102	↑P	P	01 28 55.2 +0.1	109C	Camp Elliot, M	34.92	111	↓P	P	01 29 57.7 -0.2
J02A	Umpqua	23.99	103	↑P	P	01 28 20.8 -0.1	K09A	Rome	27.79	98	↑P	P	01 28 55.1 -0.2	RSSD	Black Hills	35.01	85	eP	P	01 29 58.6 0.0
H04A	Detroit Lake	24.01	99	↓P	P	01 28 20.8 -0.3	N06A	Buffalo Meadow	27.80	103	↓P	P	01 28 55.4 0.0	IRM	Iron Mountain	35.06	108	P	P	01 29 59.0 -0.1
VFP	Flag Point	24.07	97	P	P	01 28 21.7 0.0	BEKR	Beckwourth	28.09	105	↓P	P	01 28 57.5 -0.4	W13A	Hualapai Mount	35.09	105	P	P	01 29 59.6 +0.2
EPH	Ephrata	24.10	91	P	P	01 28 21.9 +0.1	M08A	Happy Creek Ra	28.19	101	↑P	P	01 28 59.1 +0.3	BC3	Big Chuck Mt	35.25	108	↑P	P	01 30 00.4 -0.4
G05A	Wamic	24.20	97	↓P	P	01 28 23.2 +0.4	O06A	Flanigan	28.19	104	↑P	P	01 28 59.9 +0.1	BAR	Barrett	35.31	111	eP	P	01 30 01.4 +0.1
C08A	Higginbotham F	24.21	90	↓P	P	01 28 23.0 +0.1	L09A	Wilkinson Ranc	28.24	99	↓P	P	01 28 59.2 -0.1	W14A	Selgman	35.47	104	P	P	01 30 02.9 +0.2
F06A	Goldendale	24.23	95	↓P	P	01 28 23.2 +0.2	P05C	Yuba Gap, Truc	28.33	107	↑P	P	01 29 02.2 -0.6	X13A	Yucca	35.49	106	P	P	01 30 02.4 -0.4
J03A	Ideyld Park	24.34	102	P	P	01 28 24.7 +0.6	LAVA	Lava Cap Winer	28.63	108	P	P	01 29 02.2 -0.6	PDMC	Parker Dam, Lak	35.53	106	↓P	P	01 30 02.6 -0.6
E07A	Sunnyside	24.35	93	↑P	P	01 28 24.1 -0.1	O07A	Touhy	28.74	103	↑P	P	01 29 03.8 +0.1	SWSC	Sam W. Stewart	35.60	110	↑P	P	01 30 02.9 -0.9
IRO	Indian Ridge	24.37	100	P	P	01 28 24.3 0.0	M09A	Marrel Ranch,	28.75	100	↓P	P	01 29 04.0 +0.3	PV10	Paradox Valley	35.64	96	eP	P	01 30 04.2 +0.1
MDW	Midway	24.38	93	P	P	01 28 24.7 +0.2	N08A	GE Springer Mi	28.76	102	P	P	01 29 04.1 +0.2	Y12C	Blythe	35.71	107	P	P	01 30 04.5 -0.2
K02A	Glendale	24.41	104	↑P	P	01 28 25.0 +0.2	R05C	Kirkwood Meado	29.04	107	↑P	P	01 29 06.3 -0.1	W15A	Williams	35.96	103	↑P	P	01 30 07.3 +0.4
B09A	Rice	24.43	88	↓P	P	01 28 25.2 +0.3	N09A	Rock Creek Ran	29.07	101	↑P	P	01 29 06.3 -0.3	Y13A	Salome	36.06	107	↓P	P	01 30 07.3 -0.4
A10A	Northport	24.52	86	↑P	P	01 28 25.9 +0.1	M10A	LL Ranch, Tu	29.21	99	↑P	P	01 29 07.7 -0.2	GLA	Glamis	36.06	108	eP	P	01 30 07.4 -0.3
H05A	Madras	24.59	98	↓P	P	01 28 26.4 +0.1	HLID	Hailey	29.22	94	eP	P	01 29 08.3 +0.4	GLA	Glamis	36.06	108	eP	P	01 32 11.8 +8.8
OD2	Odessa Site #2	24.60	90	P	P	01 28 26.6 +0.1	HLID	Hailey	29.22	94	eP	P	01 29 07.8 -0.2	GLA	Glamis	36.06	108	↑P	P	01 30 07.2 -0.5
G06A	Carlson Farm,	24.60	96	↓P	P	01 28 26.0 -0.5	DLMT	Dillon	29.27	89	eP	P	01 32 13.8 -0.4	PV01	Paradox Valley	36.07	96	eP	P	01 30 07.5 -0.3
HAWA	Hanford	24.62	93	eP	P	01 28 26.9 +0.2	CMB	Columbia Colle	29.34	108	eP	P	01 29 08.5 -0.5	X14A	Yava	36.12	105	P	P	01 30 08.3 +0.2
D08A	Wollman Farm,	24.64	91	P	P	01 28 26.6 -0.3	CMC	Columbia Colle	29.34	108	eP	P	01 29 08.5 -0.5	WUAZ	Wupatki	36.24	102	eP	P	01 30 09.6 +0.4
C09A	Chrisman Ranch	24.66	89	↑P	P	01 28 26.7 -0.3	MCMT	McKenzie Canyo	29.41	90	P	P	01 29 09.8 +0.1	WUAZ	Wupatki	36.24	102	↑P	P	01 30 09.3 0.0
F07A	Phinny Hill Vi	24.66	94	P	P	01 28 27.1 +0.1	R06C	Coleville	29.52	106	P	P	01 29 10.9 +0.3	SMCO	Snowmass	36.32	94	eP	P	01 30 09.6 -0.3
L02A	Cave Junction	24.74	105	P	P	01 28 27.9 +0.2	WAKR	Walker	29.54	106	eP	P	01 29 11.1 +0.2	ULM	Loc Du Bonnet	36.40	71	P	P	01 30 10.0 -0.6
I05A	Bend	24.85	99	P	P	01 28 29.1 +0.3	EGMT	Eggleston	29.55	82	eP	P	01 29 11.1 +0.2	ULM	1.5nm,0.9s,mb3.9,baz=346,slow=12,SNR=2.3		LR	01 44 26.0		
KRMB	Red Mtain	24.98	107	eP	P	01 28 30.4 +0.5	EGMT	Eggleston	29.55	82	↓P	P	01 29 10.4 -0.5	Y14A	Wickenburg	36.44	106	↓P	P	01 30 10.4 -0.5
D09A	Jones Farm, Ri	25.00	90	↑P	P	01 28 29.9 -0.5	PACP	Pacheco Peak	29.57	111	↑P	P	01 29 10.8 -0.2	X15A	Humboldt	36.48	104	↓P	P	01 30 11.2 -0.1
H06A	Lindquist Farm	25.06	97	P	P	01 28 30.5 -0.1	O09A	Fist Creek Ran	29.70	102	↑P	P	01 29 12.2 -0.1	ISCO	Idaho Springs	36.72	92	eP	P	01 30 14.5 +1.2
NEW	Newport	25.11	87	P	P	01 28 30.3 -0.8	M11A	Holland Ranch,	29.71	98	↑P	P	01 29 12.2 -0.1	MVCO	Mesa Verde	36.74	97	P	P	01 30 12.8 -0.7
NEW	comp=Z,96nm,20.3s,MS3.3,baz=37,slow=32				LR	01 36 34.0	N10A	Dunphy	29.74	100	↓P	P	01 29 12.6 0.0	Z14A	Wintersburg	36.79	106	↑P	P	01 30 14.3 -0.5
NEW	Newport	25.11	87	P	P	01 28 31.2 +0.1	S05C	Merced	29.86	109	↑P	P	01 29 13.4 -0.2	115A	Sonoran Desert	37.78	106	↑P	P	01 30 22.3 -0.1
G07A	Ruggs Ranch, H	25.15	95	↑P	P	01 28 31.6 +0.1	HAST	Xc Hastings Re	29.87	112	P	P	01 29 13.4 -0.4	116A	Elio	38.18	106	↑P	P	01 30 25.7 -0.1
C10A	Spiker Farm,	25.22	88	↑P	P	01 28 33.0 +1.0	P09A	Austin	30.14	102	↓P	P	01 29 16.2 +0.1	TUC	Tucson	38.89	105	eP	P	01 30 31.7 +0.1
JCC	Jacoby Creek	25.38	108	↓P	P	01 28 33.4 -0.1	Q08A	Gabbs	30.15	104	P	P	01 29 16.2 0.0	LAZ	Ladron	39.42	98	eP	P	01 30 36.7 +0.1
E09A	Wood Farm, Sta	25.38	91	P	P	01 28 33.4 -0.2	M12A	Wells	30.23	97	↓P	P	01 29 17.1 +0.2	ANMO	Albuquerque	39.49	98	eP	P	01 30 36.1 -0.5
F08A	Pendleton	25.39	93	P	P	01 28 33.5 -0.1	NVAR	Mina Arroya Ba	30.24	105	P	P	01 29 17.0 0.0	ANMO	2.4nm,0.9s,mb3.9,baz=328,slow=10,SNR=5.9		P	01 32 43.2 -0.4		
J05A	Fort Rock	25.39	101	P	P	01 28 34.1 +0.5	NVAR	1.6nm,0.7s,baz=273,slow=4.0,SNR=10.0												
KHMM	Horse Mountain	25.50	108	eP	P	01 28 35.1 +0.5	V03C	Yunter Liggett	30.32	112	↑P	P	01 29 17.2 -0.4	ANMO	0.7nm,0.6s,baz=276,slow=4.2,SNR=8.5		P	01 30 36.1 -0.5		
YBH	Yreka Blue Hor	25.52	105	eP	P	01 28 34.8 0.0	KCC	Kaiser Creek												

MOS 02:02:37.5s,1.5,2330S,17555W,h33km,mb5.1/15,Error ellipse: s-maj=12.1km s-min=10.6km az=141.1
 BUJ 02:02:37.9,2289S,17545W,h26km,mb5.5,MS5.2,MSz4.8
 ISCJB 02:02:38.3,0.2,2351S,006x17548W,005,h48km,mb5.1/56,MS4.6/23,Error ellipse: s-maj=9.1km s-min=4.6km az=117.7
 NEIC 02:02:39.9,0.2,2344S,17553W,mb5.0/32,Error ellipse: s-maj=9.4km s-min=4.9km az=149.0
 SZGRF 02:02:40.8,2224S,17745W,h33km,Tonga Islands

ISC 02:02:40.0,0.2,2357S,005,17544W,005,h50km,67C-76D, Tonga Islands region

Code	Station Name	Δ°	AZ°	Phase	ID	Op	ISC	Time	Res
								h m s	ISC
RAO	Raoul Island	6.08	201	Pn	Pn			02 04 03.2	-4.0
RAO		81nm,0.3s,baz=219,slow=23,SNR=2.5							
RAO		193nm,0.3s,baz=91,slow=23,SNR=6.4						02 05 13.8	-1.6
AFI	Afiatalu	10.22	20	Pn	Pn			02 04 53.1	-11
AFI		73nm,0.3s,baz=165,slow=21,SNR=30						02 06 43.3	-14
RAR	Rarotonga	14.68	84	Pn	Pn			02 05 53.7	-11
RAR		21nm,0.3s,baz=248,slow=8.0,SNR=30						02 10 05.4	
URZ	Urewera	15.97	202	Pn	Pn			02 06 18.5	-2.7
URZ		0.5nm,0.3s,baz=26,slow=23,SNR=3.2						02 09 05.5	-12
DZM	Mont Dzumac	16.77	272	eP	Pn			02 06 32.7	+1.3
DZM	Mont Dzumac	16.77	272	eP	Pn			02 06 34.1	+2.8
DZM		2.3nm,0.3s,baz=87,slow=18,SNR=34						02 10 27.1	
RPZ	Rata Peaks	22.97	206	P	P			02 07 38.7	-1.4
RPZ		7.9nm,0.6s,mb4.3,baz=321,slow=4.9,SNR=4.6							
TBT	Tubuai	23.82	95	eLR	LR			02 13 30.8	
PPI	Papeete	24.92	81	eLR	LR			02 12 54.2	
PPI		1um,28.5s,baz=261						02 13 55.3	
PPT	Papeete	24.92	81	eLR	LR			02 14 46.1	
PPT		1um,26.8s,baz=253						02 08 18.8	-2.0
HNR	Honiara	27.41	297	P	P			02 18 09.1	
HNR		33nm,0.5s,mb5.1,baz=270,slow=20,SNR=1.9						02 09 32.2	-1.0
CTA	Charters Tower	35.66	268	eP	P			02 09 33.2	0.0
CTA		26nm,0.7s,mb5.3						02 09 32.2	-1.0
CTA	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTA		11nm,0.7s,mb5.3,baz=98,slow=10,SNR=39						02 09 32.2	-1.0
CTA	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTA		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s						02 09 32.2	-1.0
CTAO	Charters Tower	35.66	268	eP	P			02 09 32.2	-1.0
CTAO		comp=Z,26nm,0.7s							

2d 2h

2006 OCT

Table with columns: Station, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like GNW, N12A, B04A, etc.

Table with columns: Station, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like GYA, WALA, COLA, etc.

Table with columns: Station, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like NB2, NORSAR, MNSK, etc.

NIED 02:18:00.4680N.15380E, h17km, Mv4.4 Best double couple: M3.91000.1015 NP1.30.225.00000. 888.00000. 1.142.00000. NP2.30.316.00000. 852.00000. 1.2.00000. SKHL 02:18:23.2.1.3.4615N.15422E, h54km, 16km, Ms4.3/2, Ms4.0/4, msh5.5/1
 BUJ 02:18:25.2.4685N.15361E, h9km, mb4.8, mb4.5, Ms4.4, Ms4.3
 IDC 02:18:25.1.0.6.4631N.15355E, h0km, mb4.2/18, mb1.4.3/20, mb1mx4.2/26, mbmtmp4.2/20, ML3.8/2, Error ellipse: s-maj=18.8km s-min=16.1km az=165.0
 ISCJB 02:18:26.1.1.5.4629N.0.07.15349E.0.08. h19km, 10km, mb4.6/51, MS4.3/4, Error ellipse: s-maj=13.1km s-min=5.9km az=111.6
 NEIC 02:18:26.9.0.6.4626N.15371E, h10km, mb4.7/25, Error ellipse: s-maj=15.0km s-min=9.5km az=145.0
 MOS 02:18:28.4.1.4.4637N.15343E, h27km, mb4.7/31, MS4.0/4, Error ellipse: s-maj=9.4km s-min=7.1km az=110.6
 SZGRF 02:18:36.5.4739N.15443E, h33km, mb4.9, Kuril Islands, Russia

ISC 02:18:30.7.1.5.4632N.007.15348E.0.08. h32km, 10km, h2km, Ms4.3, 4km, pP-P, n175, r1936/179, mb4.6/51, MS4.3/4, 9C-7D, Kuril Islands

Code	Station Name	A ¹	AZ ²	Phase ID	ISC Op	ISC Pn	Time h m s	Res ISC
KUR	Kuril'sk	4.07	257	iP	AMB	Pn	02 19 29.2	-1.5
KUR	170nm.0.5s				AMB	Pn	02 19 30.0	
KUR	100nm.0.5s				AMB	Pn	02 19 30.0	
KUR	700nm.0.5s				AMB	Pn	02 20 18.0	+0.7
KUR	240nm.0.6s				A	Sn	02 20 33.0	
KUR	3um.2.0s				A		02 20 33.0	
KUR	400nm.2.0s				A		02 20 33.0	
KUR	Kuril'sk	4.07	257	iP	AMB	Pn	02 19 29.2	-1.5
KUR	170nm.0.5s				AMB	Pn	02 20 18.0	+0.7
KUR	comp=N, 170nm, 0.5s				AMB	Pn	02 19 30.0	
KUR	comp=E, 100nm, 0.5s				AMB	Pn	02 19 30.0	
KUR	comp=Z, 700nm, 0.5s				AMB	Pn	02 20 18.0	+0.7
KUR	comp=N, 240nm, 0.6s				AMB	Pn	02 20 33.0	
KUR	comp=E, 400nm, 0.6s				AMB	Pn	02 20 33.0	
SKR	Severo-Kuril'sk	4.71	21	eP	AMB	Pn	02 19 33.0	-6.5
SKR	comp=E, 80nm, 0.5s				AMB	Pn	02 19 34.0	
SKR	170nm.0.5s				A	Sn	02 20 25.0	-8.0
SKR	100nm.0.8s				A		02 20 33.0	
SKR	comp=E, 130nm, 0.8s				A		02 20 33.0	
SKR	comp=E, 220nm, 0.8s				A		02 20 33.0	
SKR	comp=E, 2um, 16.0s				AMS	AMS	02 21 18.0	
SKR	comp=E, 1um, 18.0s				AMS	AMS	02 21 18.0	
YUK	Yuzh-Kuril'sk	5.85	250	eP	A	Pn	02 19 55.5	+0.4
YUK	comp=E, 260nm, 0.6s				A	Sn	02 21 05.8	+4.7
YUK	comp=E, 390nm, 0.6s				A		02 21 15.3	
YUK	comp=E, 2um, 2.0s				A		02 21 18.5	
YUK	comp=E, 2um, 1.0s				A		02 21 18.5	
NEM2	Nemuro 2	6.24	245	P	Pn	Pn	02 19 58.9	-1.6
JRA	Rausu	6.37	251	P	Pn	Pn	02 21 09.3	-1.4
JTRK	Abashiri-Toko	7.16	254	P	Pn	Pn	02 20 00.6	-1.7
YSS	Yuzh-Sakhalins	7.47	279	eP	MLR	Pn	02 20 14.5	+1.3
YSS	comp=Z, 500nm, 15.0s				MLR	MLR	02 20 20.4	+3.8
YSS	comp=E, 500nm, 16.0s				MLR	MLR	02 20 20.6	+4.0
JMP	Maruseppu	7.51	256	P	Pn	Pn	02 20 19.7	+1.7
JAR	Ashorobuto	7.53	250	P	Pn	Pn	02 20 18.0	+0.5
JAR	100nm.0.5s				eS	Sn	02 21 42.2	-0.4
JOB	Onbets	7.68	247	P	Pn	Pn	02 21 44.3	+1.9
JKK2	Kamakawa 2	7.97	256	P	Pn	Pn	02 20 26.1	+1.8
ASAJ	Asahikawa	7.99	258	Pn	Pn	Pn	02 20 25.1	+0.6
ASAJ	comp=E, 2.1nm, 0.3s, baz=96, slow=20, SNR=11				Sn	Sn	02 21 48.8	-5.1
ASAJ	Asahikawa	7.99	258	P	Pn	Pn	02 20 26.9	+2.3
ASAJ	Asahikawa	7.99	258	Pn	Pn	Pn	02 20 25.1	+0.5
ASAJ	comp=Z, 2.0nm, 0.3s				AMB	Pn	02 20 25.1	+0.5
JCH	Churui	8.12	247	P	Pn	Pn	02 20 25.6	-0.8
JCH	100nm.0.5s				eS	Sn	02 21 53.8	-3.3
UGL	Uglegorsk	8.18	294	eP	AMS	AMS	02 20 30.5	+3.4
UGL	comp=Z, 200nm, 15.0s				AMS	AMS	02 24 00.0	
UGL	comp=Z, 500nm, 15.0s				AMS	AMS	02 24 00.0	
MYR	Moyori	8.34	245	eP	Pn	Pn	02 20 29.3	-0.1
MYR	100nm.0.5s				eS	Sn	02 21 58.1	-4.4
TYV	Tymovskoe	8.49	306	eP	AMS	AMS	02 22 48.0	
TYV	comp=Z, 500nm, 15.0s				AMS	AMS	02 24 30.0	
TYV	comp=Z, 700nm, 15.0s				AMS	AMS	02 24 30.0	
JEM	Erimo	8.57	244	P	Pn	Pn	02 20 33.2	+0.7
JEM	100nm.0.5s				eS	Sn	02 22 05.6	-2.5
ERM	Erimo	8.57	244	iP	Pn	Pn	02 20 34.4	+1.9
ERM	comp=Z, 46nm, 0.8s				ePn	Pn	02 20 34.4	+1.8
JNBK	Urakawa-nobuka	8.68	246	P	Pn	Pn	02 20 35.0	+0.9
JNBK	100nm.0.5s				eS	Sn	02 22 06.8	-4.1
JBT2	Birator 2	8.69	250	P	Pn	Pn	02 20 34.9	+0.8
JKB	Kayabe	9.98	248	P	Pn	Pn	02 20 50.6	-1.3
JKB	100nm.0.5s				eS	Sn	02 22 38.4	-4.4
JYM2	Yakumo 2	10.30	251	P	Pn	Pn	02 20 55.8	-0.4
JTM	Temabayashi	10.56	243	P	Pn	Pn	02 20 57.4	-2.4
NKL	Nikolayevsk	10.73	314	AMS	AMS	AMS	02 26 58.0	
NKL	comp=Z, 400nm, 14.0s				AMS	AMS	02 26 58.0	
NKL	comp=Z, 600nm, 14.0s				AMS	AMS	02 26 58.0	
MA2	Magadan	13.38	354	Pn	Pn	Pn	02 21 38.8	+0.5
MA2	comp=Z, 5.0nm, 0.4s				Pn	Pn	02 21 38.8	+0.4
MA2	Magadan	13.38	354	Pn	Pn	Pn	02 21 38.8	+0.4
KLR	Kul'dur	14.89	289	eP	MLR	MLR	02 21 58.3	-0.6
KLR	comp=E, 500nm, 16.0s				MLR	MLR	02 21 58.3	-0.6
MAJO	Matsushiro	15.03	235	eP	Pn	Pn	02 22 00.7	0.0
MAJO	comp=Z, 25nm, 1.0s				Pn	Pn	02 22 00.7	0.0
MAJO	Matsushiro	15.03	235	ePn	Pn	Pn	02 22 00.7	0.0
MAT	Matsushiro	15.03	235	P	Pn	Pn	02 22 06.9	+6.2
MJAR	Matsushiro Arr	15.03	235	Pn	Pn	Pn	02 22 00.5	-0.2
SEY	Seymchan	16.63	358	iP	Pn	Pn	02 22 14.4	-7.4
MDJ	Mudjanjig	16.83	273	ePn	Pn	Pn	02 22 24.8	+0.9
CN2	Changchun	19.22	273	eP	Pn	Pn	02 22 57.3	-4.2
SNY	Shenyang	21.88	269	iP	P	P	02 23 21.4	+0.6
HIA	Hailan	22.75	290	iP	P	P	02 23 27.0	-3.1
BOD	Bodaibo	26.46	310	eP	P	P	02 24 01.9	-2.9
NJ2	Nanjing	30.11	254	eP	P	P	02 24 38.0	+0.6
NJ2	comp=Z, 2.0nm, 0.6s, mb4.7				P	P	02 24 47.6	+1.1

NJ2	comp=Z, 10.0nm, 0.6s, mb4.7				XP	sP	02 24 51.1	+0.7
NJ2					PP	PP	02 25 36.2	-9.4
NJ2					S	S	02 29 34.0	-0.1
NJ2					XS	SS	02 29 50.0	+0.8
NJ2	comp=Z, 330nm, 4.0s				AMB	AMB		
NJ2	comp=N, 1um, 19.1s, MS4.8				LR	LR		
NJ2	comp=E, 2um, 22.0s, MS4.8				LR	LR		
NJ2	comp=Z, 1um, 13.6s				LR	LR		
SOMN	Songino Array	31.72	290	P	Pn	Pn	02 24 50.7	-0.8
SOMN	comp=Z, 0.7nm, 0.5s, mb3.7, baz=77, slow=7.6, SNR=5.9				P	P	02 24 50.7	-0.8
SOMN	comp=Z, 10.0nm, 0.5s				P	P	02 24 50.7	-0.8
ZAK	Zakamensk	33.09	296	eP	P	P	02 25 02.2	-1.4
COLA	Colosseum	36.32	32	iP	P	P	02 25 31.1	-0.4
KRAR	Krasnoyarsk	38.05	307	iP	P	P	02 25 45.4	-0.7
KRAR	comp=Z, 4.0nm, 0.8s, mb4.5				MLR	MLR		
LZH	Lanzhou	38.16	273	eP	P	P	02 25 48.5	+1.5
LZH	comp=Z, 400nm, 16.0s, MS4.3				eP	P	02 25 48.5	+1.5
LZH	comp=Z, 64nm, 4.0s				AP	sP	02 25 53.5	-2.8
LZH	comp=Z, 25nm, 1.0s, mb4.9				XP	AMB	02 25 57.5	-2.6
LZH	comp=Z, 25nm, 1.0s, mb4.9				AMB	AMB		
LZH	comp=Z, 64nm, 4.0s				P	P	02 25 53.5	-2.8
LZH	comp=Z, 25nm, 1.0s, mb4.9				P	P	02 25 57.5	-2.6
LZH	comp=Z, 25nm, 1.0s, mb4.9				P	P	02 25 53.5	-2.8
LZH	comp=Z, 25nm, 1.0s, mb4.9				P	P	02 25 57.5	-2.6
LZH	comp=Z, 25nm, 1.0s, mb4.9				P	P	02 25 53.5	-2.8
LZH	comp=Z, 25nm, 1.0s, mb4.9				P	P	02 25 57.5	-2.6
LZH	comp=Z, 25nm, 1.0s, mb4.9				P	P	02 25 53.5	-2.8
LZH	comp=Z, 25nm, 1.0s, mb4.9				P	P	02 25 57.5	-2.6
LZH	comp=Z, 25nm, 1.0s, mb4.9				P	P	02 25 53.5	-2.8
LZH	comp=Z, 25nm, 1.0s, mb4.9				P	P	02 25 57.5	-2.6
LZH	comp=Z, 25nm, 1.0s, mb4.9				P	P	02 25 53.5	-2.8
LZH	comp=Z, 25nm, 1.0s, mb4.9				P	P	02 25 57.5	-2.6
LZH	comp=Z, 25nm, 1.0s, mb4.9				P	P	02 25 53.5	-2.8
LZH	comp=Z, 25nm, 1.0s, mb4.9				P	P	02 25 57.5	-2.6
LZH	comp=Z, 25nm, 1.0s, mb4.9				P	P	02 25 53.5	-2.8
LZH	comp=Z, 25nm, 1.0s, mb4.9				P	P	02 25 57.5	-2.6
LZH	comp=Z, 25nm, 1.0s, mb4.9				P	P	02 25 53.5	-2.8
LZH	comp=Z, 25nm, 1.0s, mb4.9				P	P	02 25 57.5	-2.6
LZH	comp=Z, 25nm, 1.0s, mb4.9				P	P	02 25 53.5	-2.8
LZH	comp=Z, 25nm, 1.0s, mb4.9				P	P	02 25 57.5	-2.6
LZH	comp=Z, 25nm, 1.0s, mb4.9				P	P	02 25 53.5	-2.8
LZH	comp=Z, 25nm, 1.0s, mb4.9				P	P	02 25 57.5	-2.6
LZH	comp=Z, 25nm, 1.0s, mb4.9				P	P	02 25 53.5	-2.8
LZH	comp=Z, 25nm, 1.0s, mb4.9				P	P	02 25 57.5	-2.6
LZH</								

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like MKAR Makanchi Array, NVAR Nina Array, FINES FINESS Array, etc.

ISC/JB 02 02:29:7.0-9.465N.0.1x1533E.0, h10km, mb3.7/9, Error ellipse: s-maj=24.6km s-min=11.0km az=94.4

IDC 02 02:29:7.8-11.4642N.15336E, h0km, mb3.7/9, mb1 3.8/11, mb1mx3.7/12, mbtmp3.7/11, ML3.7/2, Error ellipse: s-maj=29.7km s-min=21.9km az=140.0

MOS 02 02:29:10.9-1.3, 4653N.15326E, h33km, mb4.1/6, Error ellipse: s-maj=25.6km s-min=16.4km az=70.6

ISC 02 02:29:08.5-4.465N.0.1x1534E.02, h5km, 34km, n20, +073.20, mb3.7/9, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like SKR Severo-Kuril's, ASAJ Asahikawa, ASAR Alice Springs, etc.

IDC 02 02:34:45.6-17.0, 1785S.17817W, h609km, 175km, mb3.0/3, mb1 3.2/3, mb1mx2.9/13, mbtmp4.1/3, Error ellipse: s-maj=147.2km s-min=93.3km az=114.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like STKA Stephens Creek, WRA Warrungarra Arr, ASAR Alice Springs, etc.

ISC/JB 02 03:12:15.8-2.3, 66S.02-1549E.04, h0km, mb4.4/9, Error ellipse: s-maj=63.8km s-min=22.9km az=17.5

IDC 02 03:12:18.2-1.5, 644S.15454E, h0km, mb3.6/4, mb1 3.7/4, mb1mx3.6/12, mbtmp3.6/4, Error ellipse: s-maj=55.5km s-min=36.4km az=119.0

ISC 02 03:12:16.9-2.4, 67S.02-1550E.05, h0km, n12, +0836/10, mb4.4/9, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like WRA Warrungarra Arr, ASAR Alice Springs, GUN Gumba, etc.

IDC 02 03:13:42.1-10.0, 4845N.15164E, h0km, mb3.8/5, mb1 3.9/5, mb1mx3.6/20, mbtmp3.8/5, Error ellipse: s-maj=265.0km s-min=38.0km az=164.0, Kuril Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like INK Inuvik, MKAR Makanchi Array, FINES FINESS Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like NB2 NORARS Subarra, NOA NORARS Array B, AKASG Malin Array Be, etc.

MAN 02 03:26:33.6, 903N.12564E, h22km, mb2.9, ML4.3, MS0.4, Mindanao

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

IDC 02 03:36:15.5-57.0, 1924S.17870W, h0km, mb3.9/3, mb1 4.0/3, mb1mx3.8/12, mbtmp3.9/3, MS3.8/1, Ms1 3.8/1, ms1mx3.1/20, Error ellipse: s-maj=1044.0km s-min=147.6km az=81.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like PPT Papeete, STKA Stephens Creek, WRA Warrungarra Arr, ASAR Alice Springs, etc.

BUI 02 03:41:27.4, 662S.14744E, h35km, mb5.1, mb5.0, Ms4.9, Ms24.5

IDC 02 03:41:33.6-2.1, 594S.14671E, h16km, 12km, mb4.7/13, mb1 4.9/18, mb1mx4.9/19, mbtmp4.9/18, ML4.8/4, MS4.5/20, Ms1 4.5/20, ms1mx4.2/5, Error ellipse: s-maj=14.9km s-min=9.9km az=103.0

ISC/JB 02 03:41:34.4-0.2, 597S.003-14670E.04, h32km, mb5.0/63, MS4.5/33, Error ellipse: s-maj=5.7km s-min=4.1km az=156.5

MOS 02 03:41:35.0-1.0, 588S.14658E, h33km, mb5.3/20, MS4.2/4, Error ellipse: s-maj=11.2km s-min=6.5km az=89.8

NEIC 02 03:41:36.2-0.2, 596S.14672E, h35km, mb5.1/29, Error ellipse: s-maj=7.0km s-min=5.3km az=105.0

GCMT 02 03:41:36.2-0.2, 607S.14695E, h37km, MW5.2/79, Moment Tensor Solution, s79, c114; s76, c115; Duration: 1s0 Moment tensor: Scale 10^17Nm; Mw0.76; 02: Mw=0.40; 01: Mw=0.36; 02: Mw=0.20; 02: Mw=0.48; 01: Mw=0.01; 02: Best double couple: M0.8300x10^17 Np1.0x146.00000, 84.1.00000, 1.107.00000; NP2.0x303.00000, 85.1.00000, 1.75.00000;

Principal axes: T 0.8030, P1g78.00000, Azm156.00000; N 0.0700, P1g11.00000; Azm312.00000; Az=0.8730, P1g5.00000, Azm43.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 02 03:41:36.6-0.2, 597S.003-14675E.04, h34km, h34km, 1.0km, pp-P, n220, s1908/181, mb5.0/63, MS4.5/33, 13C-6D, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like PMG Port Moresby, PMG 190nm, PMG 256nm, etc.

CTA Charters Tower 14.05 182/P Pn 03 44 54.3 +1.1

CTA Charters Tower 14.05 182/P Pn 03 44 55.0 +1.8

CTA Charters Tower 14.05 182/P Pn 03 44 55.2 +2.0

CTA Charters Tower 14.05 182/P Pn 03 45 14.9 +0.6

CTA Charters Tower 14.05 182/P Pn 03 45 48.0 -0.9

CTA Charters Tower 14.05 182/P Pn 03 45 48.5 -0.4

CTA Charters Tower 14.05 182/P Pn 03 45 48.7 -0.2

CTA Charters Tower 14.05 182/P Pn 03 45 48.9 -0.1

CTA Charters Tower 14.05 182/P Pn 03 49 14.3 +0.8

CTA Charters Tower 14.05 182/P Pn 03 50 20.1 +1.3

CTA Charters Tower 14.05 182/P Pn 03 53 58.3 +2.3

CTA Charters Tower 14.05 182/P Pn 03 53 54.3

CTA Charters Tower 14.05 182/P Pn 03 45 48.9 -0.1

CTA Charters Tower 14.05 182/P Pn 03 49 14.3 +0.7

CTA Charters Tower 14.05 182/P Pn 03 46 01.4 -1.0

CTA Charters Tower 14.05 182/P Pn 03 46 22.7 +0.1

CTA Charters Tower 14.05 182/P Pn 03 46 22.7 +0.1

CTA Charters Tower 14.05 182/P Pn 03 50 22.1 +2.9

CTA Charters Tower 14.05 182/P Pn 03 54 01.3 +2.5

CTA Charters Tower 14.05 182/P Pn 03 55 47.7

CTA Charters Tower 14.05 182/P Pn 03 46 22.7 +0.1

CTA Charters Tower 14.05 182/P Pn 03 50 22.1 +3.0

CTA Charters Tower 14.05 182/P Pn 03 46 45.3 -1.7

CTA Charters Tower 14.05 182/P Pn 03 46 46.6 -0.4

CTA Charters Tower 14.05 182/P Pn 03 57 20.2

CTA Charters Tower 14.05 182/P Pn 03 46 53.0 -2.0

CTA Charters Tower 14.05 182/P Pn 03 46 55.4 -0.7

CTA Charters Tower 14.05 182/P Pn 03 46 55.6 -0.4

CTA Charters Tower 14.05 182/P Pn 03 53 47.1

CTA Charters Tower 14.05 182/P Pn 03 47 06.8 -1.6

CTA Charters Tower 14.05 182/P Pn 03 47 07.0 -1.4

CTA Charters Tower 14.05 182/P Pn 03 54 13.0 +1.4

CTA Charters Tower 14.05 182/P Pn 03 54 20.1 +1.3

CTA Charters Tower 14.05 182/P Pn 03 47 06.6 -1.7

CTA Charters Tower 14.05 182/P Pn 03 47 43.1 -0.9

CTA Charters Tower 14.05 182/P Pn 03 47 43.1 -0.9

CTA Charters Tower 14.05 182/P Pn 03 47 44.5 -0.1

CTA Charters Tower 14.05 182/P Pn 03 48 02.3 +7.2

CTA Charters Tower 14.05 182/P Pn 03 48 02.3 +7.2

CTA Charters Tower 14.05 182/P Pn 03 48 44.9 +0.9

CTA Charters Tower 14.05 182/P Pn 03 48 53.1 -0.8

CTA Charters Tower 14.05 182/P Pn 03 48 43.6 -1.3

CTA Charters Tower 14.05 182/P Pn 04 05 50.4

CTA Charters Tower 14.05 182/P Pn 03 48 54.2 -0.5

CTA Charters Tower 14.05 182/P Pn 03 48 54.2 -0.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like MUN Mundaring, NACB Ninganchiao, YHNB Yeheng, etc.

comp=Z.7.0nm, 0.6s, mb4.6

comp=Z.1.0nm, 0.7s, mbz=293, slow=8.8, SNR=5.0

comp=Z.0.7nm, 0.6s, mb4.0, baz=293, slow=8.0, SNR=4.1

comp=Z.1.8nm, 0.6s, mb4.3, baz=44, slow=7.5, SNR=9.8

comp=Z.2.0nm, 0.6s

comp=Z.0.4nm, 0.4s, mb3.7, baz=96, slow=8.8, SNR=5.0

comp=Z.0.2nm, 0.7s, mb3.3, baz=31, slow=6.2

comp=Z.1.6nm, 0.7s, mb4.1, baz=27, slow=6.2, SNR=6.4

comp=Z.2.0nm, 0.7s

comp=Z.1.1nm, 0.5s, mb4.0, baz=32, slow=5.9, SNR=5.6

comp=Z.1.0nm, 0.5s

comp=Z.0.8nm, 0.8s, mb3.7, baz=10, slow=6.3, SNR=5.7

comp=Z.1.0nm, 0.8s

comp=Z.0.2nm, 0.4s, mb3.4, baz=24, slow=12, SNR=3.6

comp=Z.1.79nm, 19.0s, MS4.0, baz=185, slow=33

comp=Z.1.7nm, 0.7s, mb4.8, baz=284, slow=19, SNR=2.2

comp=Z.4.7nm, 0.9s, mb4.2, baz=177, slow=7.5, SNR=13

comp=Z.1.5nm, 0.8s, baz=143, slow=4.8, SNR=4.4

comp=Z.1.79nm, 19.0s, MS4.0, baz=185, slow=33

comp=Z.1.14nm, 3.9s

comp=N.128nm, 20.5s, MS4.1

comp=N.185nm, 25.0s, MS4.1

comp=Z.269nm, 22.0s, MS4.1

comp=Z.140nm, 1.3s, mb5.7

comp=Z.370nm, 4.2s

comp=N.1, 1um, 23.1s, MS5.0

comp=E.1, 2um, 22.0s, MS5.0

comp=Z.2, 2um, 23.6s, MS5.0

comp=Z.32nm, 1.2s, mb5.2, baz=128, slow=4.6, SNR=14

comp=Z.20nm, 1.0s, mb5.1

comp=Z.160nm, 6.2s

comp=N.540nm, 18.9s, MS4.7

comp=E.480nm, 19.0s, MS4.7

comp=Z.510nm, 19.4s, MS4.5

comp=Z.100nm, 1.0s, mb5.7

comp=Z.16nm, 1.2s, mb4.8

comp=Z.215nm, 4.4s

comp=N.331nm, 21.6s, MS4.5

comp=E.316nm, 21.8s, MS4.5

comp=Z.514nm, 23.3s, MS4.5

comp=Z.10nm, 1.1s, mb4.7

comp=Z.73nm, 5.2s

comp=N.163nm, 30.0s, MS4.1

comp=E.212nm, 34.5s, MS4.1

comp=Z.263nm, 28.1s

comp=Z.8.9nm, 0.7s, mb4.8

comp=Z.2430nm, 18.3s, MS4.5

comp=Z.10nm, 1.1s, mb4.7

comp=Z.73nm, 5.2s

comp=N.163nm, 30.0s, MS4.1

comp=E.212nm, 34.5s, MS4.1

comp=Z.263nm, 28.1s

comp=Z.8.9nm, 0.7s, mb4.8

comp=Z.2430nm, 18.3s, MS4.5

comp=Z.10nm, 1.1s, mb4.7

comp=Z.73nm, 5.2s

comp=N.163nm, 30.0s, MS4.1

comp=E.212nm, 34.5s, MS4.1

comp=Z.263nm, 28.1s

comp=Z.8.9nm, 0.7s, mb4.8

comp=Z.2430nm, 18.3s, MS4.5

comp=Z.10nm, 1.1s, mb4.7

comp=Z.73nm, 5.2s

comp=N.163nm, 30.0s, MS4.1

comp=E.212nm, 34.5s, MS4.1

comp=Z.263nm, 28.1s

comp=Z.8.9nm, 0.7s, mb4.8

comp=Z.2430nm, 18.3s, MS4.5

comp=Z.10nm, 1.1s, mb4.7

comp=Z.73nm, 5.2s

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like HHC, JOF, NORFAR, NOA, FINES, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like GRF, GREF, GRRF, AML, KHC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other parameters. Includes stations like MXZ, MZX, PUZ, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like NNZ, THZ, THZ, LTZ, etc.

MOS 02 04:33:00.3: 1.6, 3443S:17944W, h33km, mb5.2/3, Error ellipse: s-maj=30.8km s-min=20.4km az=21.3

0 Moment tensor: Scale 10¹⁶Nm; M₁:3.89±.24; M₂:0.73±.18; M₃:0.16±.18; M₄:0.56±.34; M₅:2.17±.16; M₆:1.3±.35; Best double couple: M₀:5.90600±.1016 NP1±228.00000°,δ26.00000°,λ121.00000°. NP2: ϕ±14.00000°,δ68.00000°,λ77.00000°. Principal axes: T 5.8220, Plg64.0000°, Azm261.0000°; N 0.1670, Plg13.0000°, Azm19.0000°; P -5.9900, Plg22.0000°. Azm115.0000°; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, body=50s.

ISCJ 02 04:34:02.6±.2, 3433S, 17933W, h52km, 23km, mb4.3/8, mb1 4.5/9, mb1mx4.3/15, mbtmp4.6/9, ML4.8/1, MS4.5/5, Ms1 4.5/5, ms1 1.1/2, Error ellipse: s-maj=20.3km s-min=11.9km s-az=49.4

ISCJB 02 04:34:05.9±.1, 3467S, 008±179.7W, 0.1, h81km, 14km, mb4.6/11, Error ellipse: s-maj=20.3km s-min=11.9km s-az=49.4

ISC 02 04:34:03.9±.1, 3455S, 009±179.5W, 0.1, h52km, 13km, n57, ±128/44, mb4.6/11, MS4.4/3, 1D, South of Kermadec Islands

Code	Station Name	Δ°	AZ°	Op	Phase ID	Time	Res
						h m s	ISC
MXZ	Matakaoa Point	3.51	210	ePn	ISC	04 36 07.0	ISC
MXZ				SN	Pn	04 35 40.3	+4.4
MXZ				SN	Pn	04 35 39.9	+3.7
PXZ	Puketiti	3.97	207	ePn	SN	04 35 40.5	+4.4
PXZ				SN	Pn	04 35 02.9	+0.7
PXZ				SN	Pn	04 35 52.9	+5.5
MWZ	Matawai	4.49	212	SN	Pn	04 35 11.7	+1.9
MWZ				SN	Pn	04 36 05.6	+5.3
URZ	Urewera	4.62	216	P	Pn	04 35 11.7	+0.6
URZ				S			
URZ	17nm, 0.3s, baz=150, slow=20, SNR=2			S	Sn	04 36 07.9	+4.4
URZ	40nm, 0.3s, baz=137, slow=21, SNR=9			S	Sn	04 36 50.5	
KNZ	Kokohu	5.02	206	SN	Pn	04 36 15.1	+1.8
BKZ	Black Stump Fm	5.64	214	SN	Pn	04 36 32.1	+3.6
MOVZ	Mowhango	6.21	207	ePn	SN	04 36 44.2	+2.6
PXZ	Pawanui	6.21	207	ePn	SN	04 35 31.5	-1.3
PXZ				SN	Pn	04 36 43.7	+1.2
PXZ	Birch Farm	7.00	208	SN	Pn	04 37 00.4	-1.6
MRZ	Mangatainoka R	7.26	211	SN	Pn	04 37 08.0	-0.4
KIW	Kapiti Island	7.72	214	SN	Pn	04 37 18.9	+0.8
TCW	Tycho Channel	8.28	215	SN	Pn	04 37 33.0	-0.6
TUWZ	Tuaruina	8.62	218	SN	Pn	04 37 40.0	-1.7
THZ	Topouose	9.38	218	SN	Pn	04 37 59.3	-1.0
LTZ	Lake Taylor	10.45	216	ePn	SN	04 36 29.8	-1.2
LTZ				SN	Pn	04 38 21.2	-5.4
RPZ	McQueen's Vall	11.00	211	SN	Pn	04 38 32.0	-8.0
RPZ	Rata Peaks	11.74	216	P	Pn	04 36 44.1	-4.5
RPZ	0.7nm, 0.3s, baz=307, slow=10, SNR=2.0			S	Sn	04 38 51.1	-7.0
RPZ	1.4nm, 0.3s, baz=0.0, slow=19, SNR=3.1			S	Sn	04 37 06.8	-1.2
JCZ	Jackson Bay	13.17	210	ePn	Pn	04 43 16.8	-1.2
DZM	Mont Dzumac	17.55	311	LR	LR	04 43 16.8	
HNR	Honiara	31.32	318	LR	LR	04 50 47.6	
STKA	Stephens Creek	32.56	324	PcP	PcP	04 40 30.9	+0.8
STKA				PcP	PcP	04 43 14.3	-1.2
STKA				PcP	PcP	04 40 30.9	+0.9
STKA	Stephens Creek	32.56	324	PcP	PcP	04 43 14.3	-1.2
CTA	Charters Tower	33.52	286	P	P	04 40 39.0	+0.6
CTA				P	P	04 40 40.6	+2.2
CTA	Charters Tower	33.52	286	eP	pmax	04 40 40.6	+2.2
CTA				pmax			
CTA	Charters Tower	33.52	286	eP	P	04 40 40.6	+2.3
CTA				P	P	04 41 49.0	+0.3
ASAR	Alice Springs	41.85	272	P	P	04 43 42.4	-1.4
ASAR				PcP	PcP	04 43 49.0	-1.4
ASAR				S	S	04 48 03.5	+0.7
ASAR	2.3nm, 1.1s, 1.5s, baz=120, slow=12, SNR=8.2			S	S		
WRA	Warramunga Arr	43.21	277	P	P	04 41 60.0	+0.2
WRA				P	P	04 41 60.0	+0.2
CASY	Casey	50.91	209	eP	P	04 42 59.0	-0.8
CASY				eP	P	04 43 05.9	-1.1
NWAO	Narrogin (SRO)	51.89	253	eP	pmax	04 43 05.9	-1.1
NWAO				pmax			
NWAO	Narrogin (SRO)	51.89	253	eP	P	04 43 05.9	-1.2
NWAO				P	P	04 43 27.0	-0.4
MBWA	Marble Bar	54.67	267	eP	P	04 44 59.2	+1.6
MAW	Mawson	68.00	201	P	P	04 44 59.5	+1.9
MAW				pmax	pmax		
MAW	Mawson	68.00	201	eP	P	04 44 59.5	+2.0
MAW				P	P	04 45 34.6	+0.5
SNAZ	Ganae	74.05	179	P	P	04 45 34.6	+0.5
SNAZ				P	P	05 17 37.0	
JHJ	Hachiojima Jm	77.43	326	LR	LR	05 17 37.0	
PLCA	Paso Flores	MS4.3, baz=260, slow=34		P	P	04 46 10.4	-0.3
PLCA				P	P	04 46 10.7	-2.1
MJR	Matsushiro Arr	80.98	327	P	P	05 28 11.5	
PDAR	Pinedale Array	99.97	147	LR	LR	05 28 11.5	
PKAR	Makanchi Array	119.45	309	PKP	PKP	04 52 44.6	-2.9
BVAR	Borovy Array	128.44	313	PKP	PKP	04 53 02.1	-2.6
ZRNK	Zerenda	129.26	314	ePKIP	PKP	04 53 04.4	-1.9
ARCES	ARCES Array B	142.34	346	PKP	PKP	04 53 26.8	-3.8
JOF	Joensuu	145.75	335	eP	PKP	04 53 40.0	-2.5
MOS	Moscov	147.74	321	ePKP	PKP	04 53 40.0	-2.5
OBNS	Obninsk	147.74	321	ePKP	PKP	04 53 40.0	-2.5
OBNS				pmax	pmax		
KAF	Kangasniemi	147.97	337	ePKP	PKP	04 53 39.8	-0.4
FINES	FINESS Array B	148.54	337	PKP	PKP	04 53 41.7	-3.2
FINES				PKP	PKP	04 53 41.7	-3.2
FINES	FINESS Array B	148.54	337	PKP	PKP	04 53 41.7	-3.2
NB2	NORSAR Subarra152	62.349	349	PKP	PKP	04 53 54.2	-0.3
NOA	NORSAR Array B	62.349	349	PKP	PKP	04 53 52.6	-2.0
NOA				PKP	PKP	04 54 02.2	-3.0
BRTR	Borovy Array B	153.21	291	PKP	PKP	04 53 53.2	-2.6
BRTR				PKP	PKP	04 54 06.8	-0.9
AKASG	Malin Array B	153.66	317	PKP	PKP	04 53 54.6	-2.2
AKASG				PKP	PKP	04 54 07.6	-2.0
TORD	Torodi Arr. Bea	158.66	383	PKP	PKP	04 54 30.7	-0.4
CLL	Collin	160.98	335	ePKIP	PKP	04 54 39.0	-2.2
SSF	Saint Saulte	167.31	351	ePKIP	PKP	04 54 08.4	+4.5
AVF	Avril sur Lorr	167.59	351	ePKIP	PKP	04 54 10.7	+6.6

ISCJB 02 04:35:25.9±.0, 464N, 0.1±153.5E, 0.1, h10km, mb4.2/19, Error ellipse: s-maj=21.7km s-min=8.0km az=117.2

ISC 02 04:35:25.1±.1, 4639N, 153.45E, h10km, mb3.9/11, mb1 4.0/13, mb1mx3.9/23, mbtmp3.9/13, ML3.7/2, Error ellipse: s-maj=30.5km s-min=23.0km az=145.0

BUI 02 04:35:25.6, 4669N, 153.47E, h7km, mb4.5, mb4.1

NEIC 02 04:35:26.9±.0, 4647N, 153.51E, h10km, mb4.0/4, Error ellipse: s-maj=19.2km s-min=10.7km az=141.0

MOS 02 04:35:27.9±.1, 4644N, 153.42E, h31km, mb4.2/11, Error ellipse: s-maj=17.0km s-min=15.7km az=78.7

ISC 02 04:35:27.2±.4, 465N, 0.1±153.5E, 0.1, h8km, 28km, n47, ±126/44, mb4.2/19, 1C-3D, Kuril Islands

Code	Station Name	Δ°	AZ°	Op	Phase ID	Time	Res
						h m s	ISC
KUR	Kuril'sk	4.12	254	iPn	ISC	04 36 29.4	-1.0
KUR				iPn	ISC	04 37 17.0	-1.8
KUR				pmax	pmax		
WRA	Warramunga Arr	43.21	277	P	Pn	05 01 57.5	+0.7
ASAR	Alice Springs	41.85	272	P	Pn	05 01 51.1	-0.4
MBWA	Marble Bar	54.67	267	eP	Pn	05 01 53.7	+0.3
STKA	Stephens Creek	32.56	324	P	P	05 03 32.5	+0.3

ISC 02 04:53:50.6±.3, 1776S, 167.48E, h0km, mb4.0/4, mb1 4.1/5, mb1mx3.9/12, mbtmp3.9/5, ML3.4/1, Error ellipse: s-maj=70.8km s-min=31.3km az=95.0

NEIC 02 04:53:54.0±.0, 1773S, 167.62E, h30km, mb4.7/2, Error ellipse: s-maj=28.6km s-min=17.9km az=101.0

ISCJB 02 04:53:54.5±.4, 179S, 0.2±167.5E, 0.2, h41km, 34km, mb4.1/6, Error ellipse: s-maj=39.6km s-min=26.6km az=140.5

ISC 02 04:53:54.9±.7, 178S, 0.1±167.6E, 0.2, h33km, 49km, n13, ±64/39, mb4.1/6, Vanuatu Islands

Code	Station Name	Δ°	AZ°	Op	Phase ID	Time	Res
						h m s	ISC
DZM	Mont Dzumac	4.38	194	P	Pn	04 54 59.2	0.0
DZM				S	Sn	04 55 49.1	0.0
STKA	Stephens Creek	27.36	324	P	P	04 59 37.9	+0.9
STKA				P	P	04 59 37.9	+0.9
WRA	Warramunga Arr	43.21	277	P	P	05 00 13.4	-0.6
ASAR	Alice Springs	41.85	272	P	P	05 00 17.9	-0.3
SBA	Scott Base	60.08	180	eP	P	05 03 58.6	-0.2
QSPA	South Pole Qui	72.24	180	eP	P	05 05 16.6	-0.2
GIVM	Gingiv Array	85.16	324	P	P	05 06 28.1	+0.4
BAIF	Baives	145.17	341	ePKP	PKP	05 13 26.1	-2.5
CDF	Champ du Feu	145.37	341	ePKP	PKP	05 13 28.3	-1.5
HAU	Haudompre	146.21	337	ePKP	PKP	05 13 31.8	-0.1
SSF	Saint Saulte	148.02	339	ePKP	PKP	05 13 35.4	-1.6

ISC 02 04:57:47.1±.6, 620S, 13004E, h35km, mb4.4/1, Error ellipse: s-maj=76.1km s-min=30.8km az=186.0, Banda Sea

SMCO Snowmass 119.22 48 ePdf Pdf 05 12 52.8 -1.2

ISC 02 05:05:11.2±.13, 0, 464N, 152.82E, h0km, mb4.0/6, mb1 4.0/6, mb1mx3.7/22, mbtmp4.0/6, Error ellipse: s-maj=32.6km s-min=34.8km az=165.0

NEIC 02 05:05:11.8±.8, 9, 4669N, 152.89E, h10km, mb4.0/1, Error ellipse: s-maj=22.3km s-min=23.8km az=165.0, Kuril Islands

Code	Station Name	Δ°	AZ°	Op	Phase ID	Time	Res
						h m s	ISC
INK	Inuvik	41.78	32	P	ISC	05 13 00.8	-0.6
MKAR	Makanchi Array	46.83	297	P	P	05 13 41.8	-0.1
BVAR	Borovy Array	50.77	309	P	P	05 14 11.6	-0.5
NB2	NORSAR Subarra	62.349	341	P	P	05 16 11.9	-0.7
NOA	NORSAR Array B	62.349	341	P	P	05 16 12.7	0.0
HFS	Hagfors	68.46	339	P	P	05 16 13.6	-0.4
AKASG	Malin Array B	71.51	329	P	P	05 16 32.4	-0.4

ISC 02 05:06:03.6±.2, 1745S, 418.2E, h0km, mb3.8/3, mb1 3.9/4, mb1mx3.5/21, mbtmp3.9/4, ML3.7/1, Error ellipse: s-maj=63.1km s-min=33.3km az=148.0, Mozambique Channel

Code	Station Name	Δ°	AZ°	Op	Phase ID	Time	Res
						h m s	ISC
BOSA	Boshof	18.84	231	P	ISC	05 10 25.9	+0.3

2d 7h

EGAK	Eagle	39.46	38	eP	P	07 16 31.7	-1.6
DAWY	Dawson	40.29	39	eP	P	07 16 40.4	+0.2
CD2	Chengdu	40.74	266	AP	pP	07 16 43.4	-0.6
CD2				XP	pP	07 16 40.4	-0.3
CD2				PP	PP	07 18 20.7	+2.4
CD2				S	S	07 22 52.3	+0.5
CD2				SS	SS	07 25 47.0	-6.4
CD2	comp=Z,20nm,1.0s,mb4.7			AMB	AMB		
CD2	comp=Z,50nm,5.2s						
CD2	comp=E,220nm,15.6s			LR	LR		
CD2	comp=Z,140nm,14.4s,MS4.0			LR	LR		
GYA	Guiyang	41.51	258	iP	P	07 16 50.9	+0.6
GYA				AP	pP	07 17 01.6	+0.2
GYA				XP	pP	07 17 04.7	-1.4
GYA				PP	PP	07 18 32.8	+6.1
GYA				S	S	07 23 09.9	+6.7
GYA				SCS	ScS	07 26 48.9	-1.7
GYA				AMB	AMB		
GYA	comp=Z,30nm,0.9s,mb4.9						
GYA	comp=Z,120nm,6.0s			LR	LR		
GYA	comp=N,640nm,17.0s,MS4.7			LR	LR		
GYA	comp=E,540nm,12.5s,MS4.7			LR	LR		
GYA	comp=Z,610nm,17.5s,MS4.5			LR	LR		
INK	Inuvik	42.13	32	P	P	07 16 54.9	-0.5
INK	comp=Z,5.3nm,1.0s,mb4.1,baz=286,slow=7.6,SNR=8.3			pP	pP	07 17 06.7	+0.2
INK	comp=Z,20nm,0.9s,baz=278,slow=9.5,SNR=14			P	P	07 16 54.9	-0.4
INK	Inuvik	42.13	32	P	P	07 17 06.7	+0.2
INK				PP	pP		
INK				PP	pP		
INK	comp=Z,5.0nm,1.0s						
INK	Inuvik	42.13	32	eP	P	07 16 54.7	-0.7
INK	comp=Z,498nm,0.6s			e	pP	07 17 07.1	+0.6
INQ	Novosibirsk	43.42	308	iP	P	07 17 02.3	-3.5
NVS	Qiongzong	44.56	247	S	P	07 17 16.3	+1.3
QIZ				S	S	07 23 50.9	+3.0
QIZ				LR	LR		
WMQ	Urumqi	45.02	292	eP	P	07 17 18.8	+0.2
WMQ				AP	pP	07 17 20.3	-6.8
WMQ				XP	pP	07 17 26.0	-8.5
WMQ				PCP	pP	07 19 01.0	+1.9
WMQ				PPP	PP	07 19 44.0	
WMQ				S	S	07 23 56.0	+1.4
WMQ				XS	SS	07 24 03.0	-1.0
WMQ				SCS	ScS	07 27 13.0	+0.5
WMQ				AMB	AMB		
WMQ	comp=Z,7.0nm,1.0s,mb4.5						
WMQ	comp=Z,139nm,6.4s			LR	LR		
WMQ	comp=N,1µm,15.3s,MS5.0			LR	LR		
WMQ	comp=E,913nm,15.3s,MS5.0			LR	LR		
WMQ	comp=Z,1µm,14.6s,MS4.9			LR	LR		
KMI	Kunming	45.06	260	iP	P	07 17 20.1	+1.2
KMI				AP	pP	07 17 30.5	+0.4
KMI				PP	PP	07 19 06.5	+1.9
KMI				PPP	PP	07 19 45.1	
KMI				S	S	07 23 54.2	-0.9
KMI				XS	SS	07 24 14.5	+0.8
KMI				SS	SS	07 27 08.2	-1.0
KMI				SSS	SSS	07 28 07.3	
KMI				AMB	AMB		
KMI	comp=Z,13nm,1.1s,mb4.7						
KMI	comp=Z,202nm,4.2s			LR	LR		
KMI	comp=N,384nm,15.9s,MS4.6			LR	LR		
KMI	comp=E,402nm,18.0s,MS4.6			LR	LR		
KMI	comp=Z,356nm,13.3s,MS4.5			LR	LR		
KMI	Kunming	45.06	260	iP	P	07 17 20.1	+1.2
KMI				PP	pP	07 17 30.5	+0.4
KMI				PP	pP	07 17 35.5	+0.8
KMI				PP	pP	07 19 06.5	+1.9
KMI				PPP	PP	07 19 45.1	
KMI				S	S	07 23 54.2	-0.9
KMI				SS	SS	07 24 14.5	+0.8
KMI				SS	SS	07 27 08.2	-1.0
KMI				SSS	SSS	07 28 07.3	
KMI				MLR	MLR		
KMI	comp=Z,13nm,1.1s,mb4.7						
KMI	comp=Z,360nm,13.3s,MS4.5						
KMI	Kunming	45.06	260	iP	P	07 17 20.1	+1.2
KMI	comp=Z,13nm,1.1s,mb4.7						
KMI				pP	pP	07 17 30.5	+0.4
KMI				PP	pP	07 17 35.5	+0.8
KMI				PP	pP	07 19 06.5	+1.9
KMI				PPP	PP	07 19 45.1	
KMI				S	S	07 23 54.2	-0.9
KMI				SS	SS	07 24 14.5	+0.8
KMI				SS	SS	07 27 08.2	-1.0
KMI				SSS	SSS	07 28 07.3	
KMI				LR	LR		
KMI	comp=Z,360nm,13.3s,MS4.5						
DLBC	Dease Lake	46.02	45	P	P	07 17 26.9	+0.5
DKAR	Makanchi Array	47.09	298	P	P	07 17 34.3	-0.6
DKAR	Makanchi Array	47.09	298	P	P	07 17 34.3	-0.6
DKAR	Makanchi Array	47.09	298	P	P	07 17 34.3	-0.6
LSA	Lhasa	50.21	273	eP	P	07 17 59.1	+0.2
LSA				e	pP	07 18 12.3	+2.1
LSA							
LSA	comp=Z,8.0nm,0.3s,mb5.2						
LSA	Lhasa	50.21	273	eP	P	07 17 59.1	+0.2
LSA	comp=Z,7.7nm,0.3s,mb5.2						
BVAR	Borovoye Array	51.11	310	P	P	07 18 12.3	+2.1
BVAR	comp=Z,1.7nm,0.5s,mb4.2,baz=64,slow=8.4,SNR=16			LR	LR	07 18 04.7	-0.9
BVAR	comp=Z,466nm,18.3s,MS4.5,baz=320,slow=38			LR	LR	07 41 28.7	
BVAR	Borovoye Array	51.11	310	P	P	07 18 04.7	-0.9
BVAR	comp=Z,2.0nm,0.5s						
BVAR				MLR	MLR		
YKW3	Yellowknife Ar	51.35	36	eP	pP	07 18 16.5	-2.3
YKA	Yellowknife Ar	51.39	36	P	P	07 18 06.6	-1.1
YKA	comp=Z,2.0nm,0.7s,mb4.2,baz=296,slow=7.3,SNR=4.8			pP	pP	07 18 19.0	-0.1
YKA	comp=Z,15nm,0.9s,baz=297,slow=7.4,SNR=19			LR	LR	07 40 11.9	
YKA	Yellowknife Ar	51.39	36	P	P	07 18 06.6	-1.1
YKA				PP	pP	07 18 19.0	-0.1
YKA				MLR	MLR		
YKA	comp=Z,106nm,18.8s						
YKA	Yellowknife Ar	51.39	36	P	P	07 18 06.6	-1.1
YKA				pP	pP	07 18 19.0	-0.1
YKA				LR	LR		
YKA	Zerenda	51.88	310	eP	P	07 18 10.1	-1.3
ZRNK				pP	pP	07 18 20.3	-2.5
ZRNK							
ZRNK	comp=Z,10nm,1.0s,mb4.7						
ZRNK	Zerenda	51.88	310	eP	P	07 18 10.1	-1.3
ZRNK	comp=Z,9.7nm,1.0s,mb4.7						
ZRNK				P	P	07 18 20.3	-2.5
CHTO	Chiang Mai	51.91	257	eP	P	07 18 12.2	+0.6
CHTO				eP	pP	07 18 25.5	+2.5
CHTO							
CHTO	comp=Z,5.0nm,0.9s,mb4.9						
CHTO	Chiang Mai	51.91	257	eP	P	07 18 12.2	+0.6
CHTO	comp=Z,5.1nm,0.9s,mb4.5						
CHTO				e	pP	07 18 25.5	+2.5
CM31	Chiang Mai Arr	52.16	256	eP	P	07 18 15.4	+1.9
CM31	comp=Z,7.7nm,0.4s,mb4.7						
HKV2	Tokmak 2	53.14	297	iP	P	07 18 17.9	-1.0

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TKM2	comp=Z,13nm,1.9s,mb4.5			pmax	pmax		
FRU	Bishkek	53.79	297	eP	P	07 18 25.0	-0.5
AAK	Ala-Archa	53.98	297	eP	P	07 18 25.2	-1.7
AAK							
AAK	comp=Z,5.0nm,0.6s,mb4.6						
AAK	Ala-Archa	53.98	297	eP	P	07 18 26.2	-0.7
GNW	Green Mountain	54.74	56	eP	pP	07 18 45.0	+1.0
KSH	Kashi	54.76	293	eP	pP	07 18 40.6	+5.2
KSH				eS	S	07 26 12.3	+1.9
KSH				eS	S	07 26 20.7	-8.7
KSH				eS	SS	07 29 55.4	+1.6
KSH	comp=Z,105nm,1.0s,mb5.8			AMB	AMB		
KSH	comp=Z,699nm,11.6s,MS5.3			LR	LR		
KSH	comp=E,1µm,16.4s,MS5.3			LR	LR		
GUN	Gumba	54.95	275	eP	P	07 18 35.3	+1.3
ARU	Arti	55.32	318	eP	P	07 18 34.9	-1.7
ARU							
ARU	comp=Z,6.0nm,0.3s,mb5.1						
ARU	Arti	55.32	318	eP	P	07 18 34.9	-1.7
ARU	comp=Z,6.0nm,0.3s,mb5.1						
ARU				pP	pP	07 18 46.0	-2.1
KKK	Kakani	55.44	276	eP	P	07 18 38.4	+0.9
PKI	Pulchoki	55.49	275	eP	P	07 18 38.7	+0.9
DMN	Daman	55.67	276	eP	P	07 18 40.5	+1.3
GKN	Gorkha	55.75	276	eP	P	07 18 40.7	+1.0
KOLN	Koldanda	56.61	277	eP	P	07 18 46.9	+1.0
HOOD	Mount Hood Mea	56.65	57	eP	P	07 18 47.8	+1.6
EDM	Edmonton	56.73	46	eP	P	07 18 45.8	-0.9
EDM				e	pP	07 18 54.9	-3.3
HAW	Hanford	57.27	55	eP	LR	07 18 52.1	+1.6
NEW	Newport	57.56	52	eP	LR	07 40 42.1	
NEW	comp=Z,117nm,20.5s,MS4.3,baz=360,slow=33						
NEW	Newport	57.56	52	eP	pP	07 18 50.9	-1.6
NEW							
NEW	comp=Z,9.0nm,1.1s						
NEW	Newport	57.56	52	eP	P	07 18 50.9	-1.6
NEW	comp=Z,9.3nm,1.1s,mb4.7						
NEW				e	pP	07 19 01.5	-2.6
BOK	Bokaro	57					

Table of station data for stations 101-350, including call signs, frequencies, and coordinates.

Table of station data for stations 351-650, including call signs, frequencies, and coordinates.

Table of station data for stations 651-950, including call signs, frequencies, and coordinates.

MEX 02 07:29:44.8±0.4, 1749N-9456W, h165km, 11km, MD3.8, Chiapas

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TUIG Tuzandepelt, OXK Oaxaca, VHO Vista Hermosa, etc.

IDC 02 07:47:23.0, 0.6, 1154S, 12319E, h0km, mb4.6/10, mb1.4/6.1, mb1mx3.6/18, Error ellipse: s-maj=28.1km, Ms1.3/8.6, ms1mx3.6/18, Error ellipse: s-maj=28.1km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WMQ Urumqi, WMQ Almaty, WMQ Bishkek, etc.

ISCJB 02 07:31:28.4, 4.7, 464N, 0.1x1532E, 0.1, h12km, 28km, mb4.3/23, Error ellipse: s-maj=24.8km s-min=9.6km az=126.9

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 ZAK Zakamensk, ZAK Zakamensk, ZAK Zakamensk, etc.

NEIC 02 07:31:28.9, 0.8, 4621N, 15306E, h10km, mb4.3/6, Error ellipse: s-maj=23.1km s-min=11.0km az=156.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, KAKA Kakadu, KAKA Kakadu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAW Lawson, MAW Makanchi Array, VNSA Vanda, etc.

MOS 02 07:31:30.2, 1.9, 4619N, 15319E, h33km, mb4.6/13, Error ellipse: s-maj=14.3km s-min=12.0km az=92.9

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, etc.

ISC 02 07:31:31.9, 4.9, 4661N, 0.2x1531E, 0.1, h17km, 30km, n50, s10/51, mb4.3/23, 3C-2D, Kuril Islands

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GSPA South Pole Qui, GSPA South Pole Qui, GSPA South Pole Qui, etc.

ISC 02 07:31:34.3, 4.8, 4633N, 15310E, h20km, 44km, mb3.6/10, mb1.3/8.1, mb1mx3.7/21, mbtmp3.9/11, ML3.3/1, Error ellipse: s-maj=26.5km s-min=21.6km az=167.0

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

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

ISC 02 07:31:37.1, 4.9, 4661N, 0.2x1531E, 0.1, h17km, 30km, n50, s10/51, mb4.3/23, 3C-2D, Kuril Islands

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

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

ISC 02 07:31:40.1, 4.9, 4661N, 0.2x1531E, 0.1, h17km, 30km, n50, s10/51, mb4.3/23, 3C-2D, Kuril Islands

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

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

ISC 02 07:31:43.1, 4.9, 4661N, 0.2x1531E, 0.1, h17km, 30km, n50, s10/51, mb4.3/23, 3C-2D, Kuril Islands

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

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

ISC 02 07:31:46.1, 4.9, 4661N, 0.2x1531E, 0.1, h17km, 30km, n50, s10/51, mb4.3/23, 3C-2D, Kuril Islands

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

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

ISC 02 07:31:49.1, 4.9, 4661N, 0.2x1531E, 0.1, h17km, 30km, n50, s10/51, mb4.3/23, 3C-2D, Kuril Islands

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

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

NEIC 02 07:48:52.4, 4.49AS, 16989E, h5km, mb4.7/1, ML4.3(WEL), After WEL, WEL 02 07:48:52.3, 0.1, 4350S, 16990E, h7km, 1km, ML4.3/25, 2D, Error ellipse: s-maj=1.8km s-min=1.5km az=0.0, South Island

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

IDC 02 08:31:41.5, 3.7, 1994S, 17769W, h582km, 52km, mb2.8/3, mb1.3/0.3, mb1mx2.8/11, mbtmp3.8/3, Error ellipse: s-maj=142.9km s-min=37.4km az=156.0, Fiji Islands region

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

IDC 02 08:38:46.9, 58.0, 1508S, 16922W, h0km, mb4.2/3, mb1.4/4.3, mb1mx3.9/14, mbtmp4.2/3, Error ellipse: s-maj=1156.0km s-min=197.5km az=80.0, Samoa Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, etc.

OTT 02 08:39:38.7, 0.4, 7777N, 8986W, h18km, MN2.7/1, 260km south from Eureka, Nu. Afterstorch, Sverdrup Seismic Zone, Queen Elizabeth Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Eureka, Resolute Bay, Gifford Fjord, Igloodik, Nuna, etc.

NEIC 02 08:42:04.6.4.5.590S.14673E.h42km.31km.mb4.1/3, Error ellipse: s-maj=18.8km az=11.0

ISCJB 02 08:42:06.0.4.7.61S.02.1467E.02.h57km.31km, mb3.9/5, MS3.7/2, Error ellipse: s-maj=44.5km

IDC 02 08:42:06.3.5.605S.14669E.h47km.29km.mb3.6/4, mb1.3/8.6, mb1mx3.6/13, mltmp3.9/6, ML3.4/2, MS3.8/2, Ms1.3/7.2, ms1mx3.1/20, Error ellipse: s-maj=34.0km

ISC 02 08:42:05.6.3.0.60S.02.1468E.02.h49km.22km.n14, c6561/13, mb3.9/5, MS3.7/2, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Port Moresby, Charters Tower, Warramunga Arr, Alice Springs, etc.

ISCJB 02 09:02:25.7.0.3.4346S.004.16985E.005.h10km, mb4.3/6, MS3.6/5, Error ellipse: s-maj=7.0km s-min=3.4km

WEL 02 09:02:26.7.0.1.4353S.16993E.h5km, ML4.5/3.4, Error ellipse: s-maj=0.9km s-min=0.8km az=90.0

WEL Felt in the West Coast region, maximum reported intensity MM.4

NEIC 02 09:02:26.5.4349S.16990E.h8km, mb4.9/3, ML4.6(WEL), After WEL

IDC 02 09:02:29.7.2.0.4349S.17017E.h34km.19km, mb3.7/3, mb1.3/9.4, mb1mx3.7/10, mltmp3.9/4, ML3.2/1, MS3.7/5, Ms1.3/7.3, ms1mx3.4/15, Error ellipse: s-maj=37.2km

ISC 02 09:02:26.7.0.3.4352S.004.16988E.005.h10km,n70, c1500/66, mb4.3/6, MS3.6/5, 3D, South Island

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Fox Glacier, Waitaha Valley, Rata Peaks, etc.

NEIC 02 09:29:48.6.4507S.16750E.h123km, MG3.8(WEL), After WEL

WEL 02 09:29:48.7.0.3.4506S.16750E.h121km.2km, ML3.1/3, Error ellipse: s-maj=3.2km s-min=1.5km az=90.0, South Island

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DCZ Deep Cove, MSZ Milford Sound, WZ Wether Hill, etc.

Table with columns: SBA, Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Scott Base, Honiara, Alice Springs, Warramunga Arr, etc.

IDC 02 09:02:58.8.13.0.4700N.15314E.h0km, mb3.9/3, mb1.3/9.4, mb1mx3.6/19, mltmp3.9/4, ML3.3/1, Error ellipse: s-maj=307.2km s-min=44.2km az=139.0

MOS 02 09:02:57.1.2.1.4656N.15352E.h33km, mb4.2/3.1, Error ellipse: s-maj=17.6km s-min=26.3km az=56.7, Kuril Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Kuril'sk, Severo-Kuril's, Asahikawa, etc.

ISCJB 02 09:05:42.3.0.6.2766N.007.1406E.03.h487km.10km, mb3.4/6, Error ellipse: s-maj=37.8km s-min=9.0km

JMA 02 09:05:42.6.0.1.2774N.14088E.h492km, M3.7

IDC 02 09:05:43.2.1.1.2766N.14050E.h478km.18km, mb3.0/5, mb1.3/1.6, mb1mx2.9/17, mltmp3.8/6, Error ellipse: s-maj=54.4km s-min=16.2km az=75.0

ISC 02 09:05:43.3.0.7.2768N.008.1408E.03.h488km.10km, n22, c097/27, mb3.4/6, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CBJJ Chichi jima, JHHU Haha-jima-NKT, BSO3 Boso 3, etc.

NEIC 02 09:29:48.6.4507S.16750E.h123km, MG3.8(WEL), After WEL

WEL 02 09:29:48.7.0.3.4506S.16750E.h121km.2km, ML3.1/3, Error ellipse: s-maj=3.2km s-min=1.5km az=90.0, South Island

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DCZ Deep Cove, MSZ Milford Sound, WZ Wether Hill, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like IDC 02 20:34:6.7.2.1049S.6590E, MATP Matopo, etc.

IDC 02 10:29:01.8.0.7.4343S.16993E.h0km, mb3.6/2, mb1.3/9.3, mb1mx3.6/10, mltmp3.7/3, ML3.1/3.1, MS3.7/3, Ms1.3/7.3, ms1mx3.3/14, Error ellipse: s-maj=49.9km

ISCJB 02 10:29:02.0.4.4346S.004.16982E.006.h10km, mb3.8/3, MS3.7/3, Error ellipse: s-maj=8.2km s-min=3.7km az=93.8

WEL 02 10:29:03.2.0.1.4354S.16991E.h5km, ML4.3/2.9, Error ellipse: s-maj=0.9km s-min=0.9km az=0.0

WEL Felt in the West Coast region, maximum reported intensity MM.4

NEIC 02 10:29:03.3.4350S.16989E.h8km, mb4.6/1, ML4.4(WEL), After WEL

ISC 02 10:29:03.1.0.4.4351S.004.16985E.005.h10km, n57, c097/54, mb3.8/3, MS3.7/3, 2C-2D, South Island

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Fox Glacier, Waitaha Valley, Rata Peaks, etc.

ISCJB 02 09:05:42.3.0.6.2766N.007.1406E.03.h487km.10km, mb3.4/6, Error ellipse: s-maj=37.8km s-min=9.0km

JMA 02 09:05:42.6.0.1.2774N.14088E.h492km, M3.7

IDC 02 09:05:43.2.1.1.2766N.14050E.h478km.18km, mb3.0/5, mb1.3/1.6, mb1mx2.9/17, mltmp3.8/6, Error ellipse: s-maj=54.4km s-min=16.2km az=75.0

ISC 02 09:05:43.3.0.7.2768N.008.1408E.03.h488km.10km, n22, c097/27, mb3.4/6, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CBJJ Chichi jima, JHHU Haha-jima-NKT, BSO3 Boso 3, etc.

NEIC 02 09:29:48.6.4507S.16750E.h123km, MG3.8(WEL), After WEL

WEL 02 09:29:48.7.0.3.4506S.16750E.h121km.2km, ML3.1/3, Error ellipse: s-maj=3.2km s-min=1.5km az=90.0, South Island

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LEON Leon, COPAL Copalpete, MIRN Miramar, etc.

2d 12h

Table with columns: JCR, Jicaral, 3.24 115 eP, Pn, 10 54 04.2 0.0, etc.

IDC 02 10:58:09.1.6.8, 17685.17852W, h629km, 72km, mb3.0/4, mb1 3.3/4, mb1mx3.0/12, mbtmp4.1/4, Error ellipse: s-maj=103.4km s-min=39.7km az=146.0, Fiji Islands region

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

ISCJB 02 11:29:30.0.0.9, 1087N.005.6238W.005, h86km, 92km, Error ellipse: s-maj=9.5km s-min=5.3km az=95.9, NEIC 02 11:29:30.0, 1086N.6221W, h109km, MD3.0 (TRN), After TRN.

TRN 02 11:29:30.0, 1086N.6221W, h109km, MD3.0 FUNV 02 11:29:31.9, 1091N.6233W, h71km, MW2.5

ISC 02 11:29:30.6.0.8, 1087N.005.6238W.005, h83km, 90km, n12, c086/23, ID, Near coast of Venezuela

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

JMA 02 11:37:34.3.0.4, 4495N.14942E, h119km, M3.6, Kuril Islands

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

NIED 02 12:10:00, 4630N.15340E, h38km, Mw4.2 Best double couple: M2.00000.1015 NP1.00000.079.00000.0, lambda-104.00000. NP2.001.00000.081.00000.0, lambda-41.00000.0

MOS 02 12:10:05.0.1.4, 4631N.15350E, h38km, mb4.4/9, Error ellipse: s-maj=14.1km s-min=12.3km az=134.1, ISCJB 02 12:10:10.6.1.1, 466N.15242E, h33km, mb4.2/18, Error ellipse: s-maj=26.4km s-min=4.8km az=90.0

NEIC 02 12:10:12.6.1.0, 4719N.15186E, h10km, mb4.1/1, Error ellipse: s-maj=24.7km s-min=12.6km az=142.0, BJI 02 12:10:13.6, 4720N.15190E, h10km, mb4.6, mb4.0

ISC 02 12:10:13.4.2.4, 4763N.15179E, h0km, mb4.0/10, mb1 4.1/11, mb1mx3.9/22, mbtmp4.0/11, ML3.6/1, Error ellipse: s-maj=59.0km s-min=23.4km az=162.0

ISC 02 12:10:12.3.1.1, 466N.01.1525E.02, h35km, n60, c1952/69, mb4.2/18, SC, Kuril Islands

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

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Table with columns: JTH, Tanohata, 10.24 233 eS, Sn, 12 14 21.8 -8.4, etc.

SOMN Songino Array 31.01 289 P P 12 16 24.6 -1.9, comp=Z, 0.5nm, 0.7s, mb3.5, bazi=81, slow=12, SNR=3.3

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

ISCJB 02 12:12:53.8.8.2, 7325S.15609E, h0km, mb3.8/3, mb1 4.0/4, mb1mx3.7/12, mbtmp3.9/4, Error ellipse: s-maj=179.2km s-min=35.1km az=5.0, Bougainville - Solomon Islands region

HNR Honiara 4.36 119 Pn Pn 12 14 01.2 0.0, comp=Z, 2.1nm, 0.5s, mb4.2, bazi=34, slow=10, SNR=15

ASAR Alice Springs 26.78 230 P P 12 18 36.2 +0.9, 2.2nm, 1.0s, bazi=62, slow=8.9, SNR=10

STKA Stephens Creek 27.92 207 P P 12 18 45.8 +0.2, 1.2nm, 0.7s, bazi=33, slow=14, SNR=3.7

ISC 02 12:15:33.5.1.7, 385S.12790E, h0km, mb4.1/3, mb1 4.3/4, mb1mx3.8/16, mbtmp4.1/4, ML4.1/1, Error ellipse: s-maj=127.9km s-min=25.8km az=66.0

ISCJB 02 12:15:40.9.2.7, 385S.0.1.1284E.02, h80km, 26km, mb3.9/2, Error ellipse: s-maj=41.1km s-min=13.1km az=134.4

NEIC 02 12:15:43.0.2.9, 368S.12854E, h83km, 27km, mb4.1/1, Error ellipse: s-maj=27.9km s-min=18.5km az=62.0

ISC 02 12:15:45.4.2.5, 395S.0.1.1266E.02, h109km, 24km, n9, c1524/11, mb3.9/2, Seram

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

ISCJB 02 12:17:50.0.0.6, 5371S.009.1342W.02, h10km, mb4.2/12, MS4.6/26, Error ellipse: s-maj=14.7km s-min=12.4km az=103.9

ISC 02 12:17:51.0.0.9, 5395S.13410W, h0km, mb4.2/10, mb1 4.3/10, mb1mx4.3/14, mbtmp4.2/10, MS4.6/26, MS1 4.6/26, ms1mx4.5/31, Error ellipse: s-maj=38.6km s-min=17.2km az=177.0

NEIC 02 12:17:51.4.0.7, 5359S.13421W, h10km, mb4.9/3, Error ellipse: s-maj=22.0km s-min=16.7km az=180.0

GCMT 02 12:17:51.4.0.1, 5404S.13375W, h12km, 1km, MW5.3/85, Moment Tensor Solution, s70, c116; s85, c153; Duration: 1s1 Moment tensor: Scale 10^17Nm; Mm-0.04z-0.1; M00.0.54z-0.2; M00.0.49z-0.1; M00.0.22z-0.4; M00.0.72z-0.1; M00.0.44z-0.6; Best double couple: M01.0500z1017 NP1.00000.089.00000.0, lambda1.00000.0, NP2.001.18.00000.079.00000.0, lambda1.00000.0, Principal axes: T: 1.0590, P:0.9420, N: -0.0770, P1g1.0000, Azm196.0000; P: -0.9710, P1g19.0000; Azm67.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 02 12:17:51.7.0.5, 5366S.009.1342W.02, h10km, n42, c146/21, mb4.2/12, MS4.6/26, Pacific-Antarctic Ridge

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

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Table with columns: PTCN, Pitcairn Islan, 28.72 8 P P 12 23 46.3 -2.8, etc.

2jm, 28.0s, bazi=175, eLR LR 12 31 57.0, RPN Rapa Nui 32.23 45 LR LR 12 34 29.8, comp=Z, 1.9m, 1.9s, MS4.6, bazi=200, slow=31

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

ISCJB 02 12:50:49.9.1.0, 1007N.9192E, h0km, mb3.9/7, mb1 4.1/7, mb1mx3.8/20, mbtmp3.9/7, Error ellipse: s-maj=49.5km s-min=18.5km az=59.0

ISCJB 02 12:50:49.1.0, 1007N.9192E, h0km, mb3.9/7, Error ellipse: s-maj=44.1km s-min=10.9km az=120.7

NEIC 02 12:50:51.5.0.7, 1000N.9189E, h30km, mb4.1/1, Error ellipse: s-maj=30.9km s-min=12.1km az=65.0

ISC 02 12:50:51.9.1.0, 100N.02.917E.03, h35km, n17, c0979/15, mb3.9/7, Nicobar Islands region

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

ISCJB 02 12:50:51.5.0.7, 1000N.9189E, h30km, mb4.1/1, Error ellipse: s-maj=30.9km s-min=12.1km az=65.0

ISC 02 12:50:51.9.1.0, 100N.02.917E.03, h35km, n17, c0979/15, mb3.9/7, Nicobar Islands region

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

ISCJB 02 12:50:51.5.0.7, 1000N.9189E, h30km, mb4.1/1, Error ellipse: s-maj=30.9km s-min=12.1km az=65.0

ISC 02 12:50:51.9.1.0, 100N.02.917E.03, h35km, n17, c0979/15, mb3.9/7, Nicobar Islands region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, GUMO Guam, ASAR Alice Springs, MKAR Makanchi Array.

BUI 02 12:54:26.3, 49.930N-128.90W, h10km, mb4.8, mb4.5, Ms4.6, Ms4.2

ISCJB 02 12:54:29.1±0.5, 49.09N-129.06W, h10km, Error ellipse: s-maj=5.1km s-min=3.8km az=121.0

PGC 02 12:54:29.9, 48.95N-129.13W, h10km, MLN3.7/1, Mw4.2, 230km southwest of Pt. Hardy, Bc West of Vancouver

NEIC 02 12:54:32.4±1.2, 49.26N-128.90W, h10km, MW4.2(PGC), Error ellipse: s-maj=15.9km s-min=6.0km az=86.0

ISC 02 12:54:31.0±0.6, 49.15N-129.02W, h10km, n64, ±157/85, Bc Vancouver Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BPBC Brooks Peninsula, EDB Eliza Dome, HOLB Holberg, ETB Estevan Point, MAYB Maynard, PHC Port Hardy, WOSS Woss, NCRB Newcastle Ridge, BTB Butte Lake, CBB Campbell River, ALB Alberni, MGB Mount Grey, TXB Texada, PFB Port Renfrew, BBB Bella Bella, NLLB Nanaimo Lost L, SHB Sechart, LZB Mount Lazard, GOBB Galiano Island, PGCS Sidney, BOW Bowen Island, WPT Waits Point, GZ Gonzales, BNB Barry Inlet, SBN Saturna Island, WSLR Whistler, MCW Mount Constitu, HNB Haney, BNB Bonilla, VDB Vedder Mountain, CMW Cuttiss Mountain, MBL Mount Baker, LLLB Lillooet, HOPB Hope, RPW Ruppert, RWB Prince Rupert, WFW White Pass, ASR Mount Adams-S, FSB Fort Saint Jam, PNT Pentiction, DOWB Downie Slide, SLEB Sate Mountain, KBO Bosley Butte, NEW Newport, MBMC Bull Mountain, YBH Yreka Blue Hor.

Code Station Name Az Phase ID Time Res ISC

Main table for the left column containing station data and event details.

Table with columns: MOD, Modoc, Time, Res, Pn. Includes stations like WALA Waterton Lakes, FNB Fort Nelson, EDM Edmonton, ULM Lac du Bonnet, MDJ Mudanjiang.

ISC 02 13:01:13.9±2.2, 287S-129.76E, h0km, mb3.6/2, mb1 3.8/4, mb1mx3.6/16, mbmtpp3.6/4, ML3.6/2, Error ellipse: s-maj=113.8km s-min=25.4km az=73.0, Seram

Code Station Name Az Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, WOSS Woss, NCRB Newcastle Ridge, BTB Butte Lake, CBB Campbell River, ALB Alberni, MGB Mount Grey, TXB Texada, PFB Port Renfrew, BBB Bella Bella, NLLB Nanaimo Lost L, SHB Sechart, LZB Mount Lazard, GOBB Galiano Island, PGCS Sidney, BOW Bowen Island, WPT Waits Point, GZ Gonzales, BNB Barry Inlet, SBN Saturna Island, WSLR Whistler, MCW Mount Constitu, HNB Haney, BNB Bonilla, VDB Vedder Mountain, CMW Cuttiss Mountain, MBL Mount Baker, LLLB Lillooet, HOPB Hope, RPW Ruppert, RWB Prince Rupert, WFW White Pass, ASR Mount Adams-S, FSB Fort Saint Jam, PNT Pentiction, DOWB Downie Slide, SLEB Sate Mountain, KBO Bosley Butte, NEW Newport, MBMC Bull Mountain, YBH Yreka Blue Hor.

Code Station Name Az Phase ID Time Res ISC

Main table for the middle column containing station data and event details.

Table with columns: UMR, Umm Al-Rimman, Time, Res, P, Amb. Includes stations like UMR, Al-Radiah, Mutriah, Al-Naeim, Kislovodsk, Obninsk, Joensuu, Kevo, Kevo.

Code Station Name Az Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BPBC Brooks Peninsula, EDB Eliza Dome, HOLB Holberg, ETB Estevan Point, MAYB Maynard, PHC Port Hardy, WOSS Woss, NCRB Newcastle Ridge, BTB Butte Lake, CBB Campbell River, ALB Alberni, MGB Mount Grey, TXB Texada, PFB Port Renfrew, BBB Bella Bella, NLLB Nanaimo Lost L, SHB Sechart, LZB Mount Lazard, GOBB Galiano Island, PGCS Sidney, BOW Bowen Island, WPT Waits Point, GZ Gonzales, BNB Barry Inlet, SBN Saturna Island, WSLR Whistler, MCW Mount Constitu, HNB Haney, BNB Bonilla, VDB Vedder Mountain, CMW Cuttiss Mountain, MBL Mount Baker, LLLB Lillooet, HOPB Hope, RPW Ruppert, RWB Prince Rupert, WFW White Pass, ASR Mount Adams-S, FSB Fort Saint Jam, PNT Pentiction, DOWB Downie Slide, SLEB Sate Mountain, KBO Bosley Butte, NEW Newport, MBMC Bull Mountain, YBH Yreka Blue Hor.

Code Station Name Az Phase ID Time Res ISC

Main table for the right column containing station data and event details.

2d 14h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VGZ Gonzales, WPB Watts Point, SNB Saturna Island, etc.

FUNV 02 13:41:20.7, 1116N-6151W, h14km, MW3.0
ISCJB 02 13:41:22.1, 0.8, 1068N-005:6152W-004, h60km, 8km,
Error ellipse: s-maj=9.1km s-min=5.8km az=129.5

NEIC 02 13:41:24.0, 1078N-6146W, h37km, MD3.0, (TRN), After TRN.

TRN 02 13:41:24.0, 1078N-6146W, h37km, MD3.0
ISC 02 13:41:23.1, 0.8, 1069N-005:6151W-004, h53km, 8km, n13,
+158/25, Trinidad

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TRN Trinidad (W), TRN Chacachacare, TCE, etc.

IDC 02 13:53:04.0, 12.0, 5184S-16344E, h0km, mb3.8/4,
mb1.4/0.4, mb1mx3.9/1.1, mbtmp3.8/4, MS3.7/3, Ms1.3/7.3,
ms1mx3.3/1.5, Error ellipse: s-maj=473.2km s-min=27.3km
az=67.0

ISCJB 02 13:53:10.7, 0.9, 5255S-01x1607E-02, h10km, mb3.7/4,
MS3.7/3, Error ellipse: s-maj=18.4km s-min=9.1km
az=101.0

NEIC 02 13:53:12.4, 1.0, 5262S-16040E, h10km, Error ellipse:
s-maj=20.0km s-min=11.9km az=144.0

ISC 02 13:53:12.4, 0.9, 5262S-01-1606E-02, h10km, n22,
+158/25, mb3.7/4, MS3.7/3, Macquarie Island region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like APZ The Paps, APZ Scrubby Hill, SYZ, etc.

MOS 02 14:07:40.6, 0.8, 4194N-4417E, h35km, mb3.6/1, 3C-2D,
Error ellipse: s-maj=80.5km s-min=14.9km az=91.3,
Western Caucasus

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZEI Tsey, LACR Lac, DIGR Digorskoe uzhe, etc.

ISCJB 02 14:24:08.9, 0.9, 1981S-005:6894W-009, h103km, 8km,
mb4.1/15, Error ellipse: s-maj=13.3km s-min=8.5km
az=175.9

IDC 02 14:24:10.6, 0.6, 1986S-6896W, h107km, 5km, mb4.1/11,
mb1.4/2/15, mb1mx4.1/19, mbtmp4.5/15, MS3.2/2,
Ms1.3/1.2, ms1mx2.7/24, Error ellipse: s-maj=17.7km
s-min=9.3km az=92.0

NEIC 02 14:24:10.7, 0.3, 1995S-6895W, mb4.2/8, Error ellipse:
s-maj=17.3km s-min=9.0km az=90.0

BJI 02 14:24:10.7, 2.00S:6890W, h107km, mB5.1
ISC 02 14:24:09.0, 0.7, 1982S-005:6899W-008, h96km, 7km,
h109km, 1.3km, pP-P, n57, +151/46, mb4.1/15,
Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LVC Limon Verde, LVC, LVC Limon Verde, LPAZ La Paz, etc.

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Table with columns: LPAZ, Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LPAZ La Paz, ARE Arequipa, ARE, etc.

IDC 02 14:52:07.7, 0.5, 3671N-3324W, h0km, mb4.4/22,
mb1.4/5/22, mb1mx4.4/28, mbtmp4.4/22, MS3.6/1/1,
Ms1.3/0/11, ms1mx3.4/30, Error ellipse: s-maj=15.5km
s-min=12.4km az=178.0

ISCJB 02 14:52:08.5, 0.2, 3686N-006:3324W-002, h10km,
mb4.6/82, MS3.5/11, Error ellipse: s-maj=8.9km
s-min=2.8km az=0.5

BJI 02 14:52:09.7, 3670N-3330W, h10km, mB5.3, mb5.2, Ms5.3,
Ms4.9

NEIC 02 14:52:09.8, 0.2, 3671N-3326W, h10km, mb4.7/59, Error
ellipse: s-maj=8.0km s-min=3.5km az=183.0

MOS 02 14:52:11.1, 0.9, 3668N-3327W, h33km, mb4.9/17, Error
ellipse: s-maj=12.8km s-min=9.3km az=55.7

ISC 02 14:52:10.0, 4.0, 3668N-006:3319W-002, h10km, n290,
+081/285, mb4.6/82, MS3.5/11, 89C-48D, Azores Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HLA Caldeira, HLA, PCND Candelaria, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ESPR Espera, EJIF Jimena Fortan, EADA Adamu, etc.

ISCJB 02 14:52:07.7, 0.5, 3671N-3324W, h0km, mb4.4/22,
mb1.4/5/22, mb1mx4.4/28, mbtmp4.4/22, MS3.6/1/1,
Ms1.3/0/11, ms1mx3.4/30, Error ellipse: s-maj=15.5km
s-min=12.4km az=178.0

ISCJB 02 14:52:08.5, 0.2, 3686N-006:3324W-002, h10km,
mb4.6/82, MS3.5/11, Error ellipse: s-maj=8.9km
s-min=2.8km az=0.5

BJI 02 14:52:09.7, 3670N-3330W, h10km, mB5.3, mb5.2, Ms5.3,
Ms4.9

NEIC 02 14:52:09.8, 0.2, 3671N-3326W, h10km, mb4.7/59, Error
ellipse: s-maj=8.0km s-min=3.5km az=183.0

MOS 02 14:52:11.1, 0.9, 3668N-3327W, h33km, mb4.9/17, Error
ellipse: s-maj=12.8km s-min=9.3km az=55.7

ISC 02 14:52:10.0, 4.0, 3668N-006:3319W-002, h10km, n290,
+081/285, mb4.6/82, MS3.5/11, 89C-48D, Azores Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AKASG Malin Array Be, AKASG Malin Array Ba, AKAB Malin Array Si, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AAK, BRVK, ZRKN, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Mawson, Lac du Bonnet, ULM, etc.

NIED 02 15:10:00, 4630N-15340E, h20km, Mw4.5 Best double couple: M=7.2800x1015 NP2=318.00000, d=57.00000, l=5.00000, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KUR, JSH, JANG, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like YSS, JMP, JAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, KNZ Kokohu, MWZ Matawai, etc.

CSEM 02 16:11:37.9-0.4, 4309N-1335E, h28km, 1km, Md2.7/17, Error ellipse: s-maj=1.5km s-min=1.0km az=81.0 NEIC 02 16:11:38.4, 4308N-1333E, h23km, 1.2km, (7)ROM, After ROM.

ISCJB 02 16:11:39.5-0.4, 4310N-1338E, h23km, 2km, Md2.7/17, Error ellipse: s-maj=5.4km s-min=3.7km az=163.4 ISC 02 16:11:39.6-0.5, 4310N-1337E, h22km, 8km, n20, c089/33, 2C, Central Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like OFFI Offida, CING Cingoli, SNTG Esanatoglia, etc.

LDG 02 16:25:49.7-0.2, 4289N-094W, h2km, Md2.1/2, M11.8/2, Error ellipse: s-maj=6.9km s-min=1.1km az=18.0 MDD 02 16:25:49.6-0.2, 4289N-095W, h11km, 1km, mBlg1.2/1.1, 1C, Error ellipse: s-maj=2.3km s-min=1.4km az=178.0, PRXIMO, Pyrenees

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LARF Larrau, ETSF Etsaut, FDFAF Les Forges d'A, etc.

ISCJB 02 16:32:25.7-1.5, 176S-02, 1789W, 0.2, h507km, 21km, mb3.8/8, Error ellipse: s-maj=29.7km s-min=15.2km az=100.4

NEIC 02 16:32:26.8-1.0, 1758S-1788W, h511km, 12km, mb3.5/3, Error ellipse: s-maj=18.4km s-min=9.4km az=138.0

ISC 02 16:32:27.2-2.1, 1761S-1787W, h518km, 26km, mb3.4/6, mb1 3.6/7, mb1mx3.3/1.5, mbtmp4.4/7, Error ellipse: s-maj=27.0km s-min=16.7km az=139.0

ISC 02 16:32:27.2-1.4, 177S-02, 1788W, 0.2, h511km, 20km, n17, c0843/13, mb3.8/8, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AFI Afiamalu, URZ Urewera, RPZ Rata Peaks, etc.

ISCJB 02 16:37:40.2-0.8, 99N-01, 571E, 0.1, h10km, mb3.9/13, MS3.1/2, Error ellipse: s-maj=18.0km s-min=16.4km az=102.8

ISC 02 16:37:40.1-0.9, 970N-57.17E, h0km, mb3.7/10, mb1 3.9/10, mb1mx3.7/19, mbtmp3.7/10, MS3.2/2, Ms1 3.2/2, ms1mx2.9/32, Error ellipse: s-maj=25.6km s-min=21.6km az=97.0

NEIC 02 16:37:41.7-0.6, 971N-57.16E, h10km, Error ellipse: s-maj=15.1km s-min=12.8km az=165.0

ISC 02 16:37:42.3-0.8, 99N-01, 571E, 0.1, h10km, n16, c089/34, mb3.9/13, MS3.1/2, Carlsberg Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NAY Nai-A-naiem, UMR Umm Al-Rimmam, RST Umm Al-Ruwaisa, etc.

Error ellipse: s-maj=7.1km s-min=3.7km az=96.0 CSEM 02 16:57:08.1-0.1, 3443N-2492E, h12km, MD3.9, Error ellipse: s-maj=3.4km s-min=2.7km az=21.0 NEIC 02 16:57:08.3, 3439N-2457E, h33km, MD3.9, (ATH), After ATH.

HLW 02 16:57:09.7, 3462N-2480E, h33km, Mb3.9 IDC 02 16:57:10.7-3.6, 3458N-2471E, h39km, 35km, mb3.6/6, mb1 3.6/10, mb1mx3.5/23, mbtmp3.8/10, M3.3/7.4, Error ellipse: s-maj=25.6km s-min=21.4km az=133.0

GII 02 16:57:18.3-0.4, 3427N-2543E, h25km, 30km, mb4.1/1, M3.3/9/1

ISC 02 16:57:19.0-0.4, 3449N-004, 2476E, 0.05, h35km, n66, c089/79, mb3.6/6, Crete

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GVD Gavdhos, XRY Khrisi, VAM Vamos, etc.

ISCJB 02 16:57:25.7-1.5, 176S-02, 1789W, 0.2, h507km, 21km, mb3.8/8, Error ellipse: s-maj=29.7km s-min=15.2km az=100.4

NEIC 02 16:57:26.8-1.0, 1758S-1788W, h511km, 12km, mb3.5/3, Error ellipse: s-maj=18.4km s-min=9.4km az=138.0

ISC 02 16:57:27.2-2.1, 1761S-1787W, h518km, 26km, mb3.4/6, mb1 3.6/7, mb1mx3.3/1.5, mbtmp4.4/7, Error ellipse: s-maj=27.0km s-min=16.7km az=139.0

ISC 02 16:57:27.2-1.4, 177S-02, 1788W, 0.2, h511km, 20km, n17, c0843/13, mb3.8/8, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KZIT Kziot, MMB1 Mount Meron ar, AMAZ Amatzia, etc.

ISC 02 17:00:01.0-3.8, 201N-11944E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.3/17, mbtmp3.4/3, Error ellipse: s-maj=348.4km s-min=28.2km az=60.0, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, WRA Warramunga Arr, ASAR Alice Springs, etc.

NEIC 02 17:05:22.6-2.2, 2796S-17763W, h86km, 18km, mb4.8/1, Error ellipse: s-maj=30.5km s-min=16.6km az=199.0

IDC 02 17:05:24.5-2.4, 2824S-17764W, h101km, 19km, mb3.9/4, mb1 4.1/4, mb1mx3.8/10, mbtmp4.2/4, MS3.0/2, Ms1 3.0/2, ms1mx2.7/19, Error ellipse: s-maj=40.4km s-min=24.2km az=9.0

ISCJB 02 17:05:29.4-0.8, 2901S-007, 1782W, 0.1, h126km, 6km, mb4.1/5, Error ellipse: s-maj=21.7km s-min=8.0km az=41.8

ISC 02 17:05:30.5-0.8, 2909S-007, 1782W, 0.1, h122km, 6km, n30, c156/32, mb4.1/5, Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RAO Raoul Island, RAO Raoul Island, MWZ Matawai, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Op, ISC, h, Time, Res, ISC. Includes stations like Kahutara, Mont Dzumac, Lake Taylor, etc.

NIED 02 17:25:00, 4620N; 15320E, h8km, Mw4.6 Best double couple: M=8.90000x10^15 N=1.3e+18, O=4.8e+18, D=1.0e+18, S=1.4e+18, T=1.2e+18, U=1.7e+18, V=1.7e+18, W=1.7e+18, X=1.7e+18, Y=1.7e+18, Z=1.7e+18

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, Time, Res, ISC. Includes Kuril Islands stations like Kuril'sk, Severo-Kuril's, etc.

Main table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Op, ISC, h, Time, Res, ISC. Includes stations like YUK, YUK, YUK, etc.

Main table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Op, ISC, h, Time, Res, ISC. Includes stations like Matushiro, Vladivostok, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IVA Kukesi, ULC Ulcinj, BUM Brajici-Budva, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PESTR Estremoz, EADA Adamuz, EQUQ Quentar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JIRN Jiri, ZRNK Zerenda, BVAR Borovoye Array, etc.

TORD	Tordi Ar. Bea	68.54 338 P	P	08 08 20.2 -0.6
TORD		8.4nm, 1.2s, mb4.6, baz=175, slow=6.4, SNR=19	LR	08 32 05.6
LPZA	comp=Z, 355nm, 21.8s, MS4.6, baz=160, slow=30	LR		08 09 15.9 +1.1
LPZA	La Paz	77.659 P	P	08 40 26.7
LPZA	comp=Z, 83nm, 19.4s, MS4.1, baz=267, slow=33	LR		08 09 15.7 +0.9
LPZA	Le Pape	77.659 eP	P	08 09 27.2 -0.4
STKA	Stevens Creek	80.00 131 P	P	08 09 28.4 +0.8
STKA	comp=Z, 208nm, 21.0s, MS4.5, baz=206, slow=30	LR		08 37 40.7
SAML	Samuel	80.00 268 eP	P	08 09 30.2 -0.1
ASPA	Alice Springs	83.08 120 eP	P	08 09 44.0 +0.1
ASAR	Alice Springs	83.08 120 P	P	08 09 44.5 +0.6
ASAR	comp=Z, 206nm, 21.7s, MS4.5, baz=190, slow=30	LR		08 39 25.2
AS31	Alice Springs	83.08 120 eP	P	08 09 44.0 +0.1
WRA	Warramunga Arr	86.37 119 P	P	08 10 00.5 0.0
WRA	comp=Z, 110nm, 21.7s, MS4.2, baz=255, slow=32	LR		08 43 23.5
WB2	Warramunga Arr	86.38 119 eP	P	08 10 00.6 +0.1
KEST	Keena	89.36 349 P	P	08 10 16.1 +1.4
KEST	comp=Z, 218nm, 20.5s, MS4.6, baz=168, slow=36	LR		08 51 18.6
BRTR	Keskin Array B	93.05 8 P	P	08 10 32.2 +0.3
BRTR	comp=Z, 192nm, 20.7s, MS4.5, baz=190, slow=36	LR		08 53 40.2
ROSC	El Rosal	98.14 267 LR	LR	08 52 33.5
RKT	Rikitea	101.56 201 ePS	PS	08 24 31.4 +7.4
RKT	Pinedale Array	147.03 271 PKPbc	PKPbc	08 16 59.5 -1.4
TBI	Tubuai	103.45 187 eLR	LR	08 45 32.1
PPT	Papeete	109.19 188 ePS	PS	08 25 49.5 +6.2
PPT	Papeete	109.19 188 eSS	SS	08 31 41.2 +4.3
PPT	352nm, 22.8s	eLR	LR	08 48 03.6
NAO	Nuku Hiva Isla	116.48 199 eLR	LR	08 51 25.7
NJ2	Nanjing	118.41 74 ePKP	PKP	08 16 04.0 -1.8
SOMN	Songino Array	123.04 04 PKP	PKP	08 16 13.1 -1.6
SSD	Black Hills	144.49 277 ePKP	PKP	08 16 52.7 -1.9
SRU	San Rafael	145.39 265 ePKP	PKP	08 16 55.5 -0.6
TMUT	Trail Mountain	145.91 265 ePKP	PKP	08 16 57.6 +0.5
MSU	Maryselle	146.05 263 ePKP	PKP	08 16 58.1 +0.9
COUT	Cedar City	146.05 260 PKPbc	PKPbc	08 16 58.6 +0.4
ARUT	Antelope Range	146.27 261 ePKPbc	PKPbc	08 16 59.0 +0.2
MAPU	Maple Canyon	146.62 265 ePKPbc	PKPbc	08 16 59.9 0.0
DAU	Daniels Canyon	146.64 266 ePKPbc	PKPbc	08 17 00.0 +0.1
NLU	North Lily Mtn	146.85 265 ePKP	PKP	08 16 59.3 +0.7
PNDR	Pinedale Array	147.03 271 PKPbc	PKPbc	08 16 59.5 -1.4
CTU	Camp Tracy	147.11 266 ePKPbc	PKPbc	08 17 01.0 -0.2
LAO	LASA Array	147.16 280 ePKP	PKP	08 16 59.1 -0.1
TCUT	Touco Canyon	147.16 267 ePKPbc	PKPbc	08 17 01.2 -0.2
DUG	Dugway	147.44 265 ePKPbc	PKPbc	08 17 01.9 -0.2
HWUT	Hardware Ranch	147.55 268 ePKPbc	PKPbc	08 17 01.8 -0.7
ISA	Isabella	147.76 253 ePKPbc	PKPbc	08 17 03.2 +0.2
TRCR	Tracy Canyon	147.91 259 ePKP	PKP	08 17 01.2 +0.8
BGU	Big Grassy Mnt	148.02 265 ePKPbc	PKPbc	08 17 03.3 -0.5
LOHW	Long Hollow	148.14 272 ePKPbc	PKPbc	08 17 03.0 -1.0
RELD	Red Lodge	148.73 276 ePKPbc	PKPbc	08 17 03.4 +0.9
TPAW	Teton Pass	148.28 271 ePKPbc	PKPbc	08 17 04.0 -0.5
MOOW	Moose Ponds	148.30 272 ePKPbc	PKPbc	08 17 03.9 -0.6
HVU	Hansel Valley	148.38 267 ePKP	PKP	08 17 01.9 +0.6
RR12	Red Ridge	148.42 271 ePKP	PKP	08 17 08.8 +0.7
MIW	Indian Meadow	148.50 272 ePKPbc	PKPbc	08 17 04.6 -0.4
CHMT	Chamberlain Mt	148.73 276 ePKPbc	PKPbc	08 17 04.7 0.0
MTUN	Tungsten Hills	148.99 255 ePKPbc	PKPbc	08 17 06.6 +0.4
LRV	Little Rabbit	149.75 251 ePKPbc	PKPbc	08 17 09.1 +1.0
EGMT	Eggleton	149.91 280 ePKPbc	PKPbc	08 17 08.1 -0.4
DLMT	Dillon	150.29 273 ePKPbc	PKPbc	08 17 09.1 -0.3
HLID	Hailey	150.40 268 ePKPbc	PKPbc	08 17 08.7 0.0
CHMT	Chamberlain Mt	151.47 275 ePKPbc	PKPbc	08 17 11.7 -0.5
MSSO	Missoula	151.84 275 ePKPbc	PKPbc	08 17 12.2 -0.8
WVOR	Wild Horse Val	152.28 263 ePKPbc	PKPbc	08 17 14.3 +0.2
BMO	Blue Mountains	152.85 268 ePKP	PKP	08 17 07.4 -0.8
BMO	Yellowknife Ar	155.96 310 PKP	PKP	08 17 14.8 -0.6
YKA	Yellowknife Ar	155.96 310 PKP	PKP	08 17 38.4 -1.1

1.0nm, 0.4s, baz=95, slow=6.7, SNR=145

ASAR Alice Springs 47.00 255 P 09 03 29.0 +0.2

FITZ Fitzroy Crossi 55.40 261 P 09 04 32.6 +1.7

1.5nm, 0.6s, baz=74, slow=7.4, SNR=6.0

FUNV 03 09:31:37.3, 1131N-6183W, h29km, MW3.2

ISCJB 03 09:31:39.6, 0.4, 1126N-002:6195W-003, h33km, Error ellipse: s-maj=4.5km s-min=3.2km az=33.3

NEIC 03 09:31:40.0, 1130N-6169W, h17km, MD3.3 (TRN), After TRN.

TRN 03 09:31:40.0, 1130N-6169W, h18km, MD3.3

ISC 03 09:31:39.8, 0.3, 1125N-002:6197W-003, h35km, n19, e129/35, 1C, Windward Islands

Code	Station Name	A° AZ°	Phase ID	Time Res	ISC
TCE	Chacachacare	0.59 159 eP	Op	09 31 51.8 +0.2	
TCE			eS	09 32 01.2 +1.3	
GUIV	Guiria	0.65 203 eP	Pn	09 31 52.1 -0.3	
GUIV			eS	09 32 03.0 +1.6	
TRN	Trinidad (W)	0.81 137 eP	Pn	09 31 53.8 -0.9	
TRN			eS	09 32 03.6 -2.0	
GRW	Mount Saint Ca	0.96 18 eP	Pn	09 31 56.2 -0.5	
GRW			eS	09 32 04.9 +0.3	
GRW	Mount Saint Ca	0.96 18 eP	Pn	09 31 56.2 -0.5	
GRW			eS	09 32 04.9 +0.3	
GRHS	Sauteurs	1.02 18 eP	Pn	09 31 57.2 -0.3	
GRHS			eS	09 32 11.0 +0.3	
TRP	Pointe-a-Pierr	1.05 151 eP	Pn	09 31 59.9 +1.9	
TRP			eS	09 32 14.3 +2.8	
GRIC	Isle de Caille	1.10 20 eP	Pn	09 31 58.7 0.0	
GRIC			eS	09 32 13.8 +1.2	
GRSS	Sisters	1.10 18 eP	Pn	09 31 59.1 +0.5	
GRSS			eS	09 32 14.2 +1.5	
ITEV	Isla Los Testi	1.15 275 eP	Pn	09 31 59.0 -0.3	
ITEV			eS	09 32 15.3 +1.5	
TBH	Brigand Hill	1.17 131 eP	Pn	09 32 00.9 +1.4	
TPR	Prospect	1.17 93/P	Pn	09 31 56.9 -2.7	
TPR			eS	09 32 11.0 -3.4	
BOT	Bacolet	1.23 94 eP	Pn	09 31 58.0 -2.5	
GRCU	Cariacou	1.32 22 eP	Pn	09 32 01.1 -0.5	
GRCU			eS	09 32 17.8 +0.1	
CRUV	Carupano	1.37 246 eP	Pn	09 32 02.1 -0.2	
CRUV			eS	09 32 19.8 +0.5	
GUUV	Guanoco	1.44 222 eP	Pn	09 32 03.3 0.0	
GUNV	CUPY	3.94 253 eP	Pn	09 32 22.7 +1.6	
GUNV	CUPY	3.94 253 eS	Pn	09 32 20.8 -1.8	
MERY	Las Mercedes	4.07 245 eS	Pn	09 33 38.4 -3.0	
CAOV	Caicara del Or	5.80 228 eP	Pn	09 33 01.4 -1.9	
CAOV			eS	09 34 04.2 -4.4	

IDC 03 09:33:20.7, 2.6, 649S-10367E, h0km, mb4.0/5, mb1 4.1/5, mb1mx3.8/1.7, mtmtp4.0/5, Error ellipse: s-maj=119.4km s-min=21.1km az=55.0, Southwest of Sumatera

Code	Station Name	A° AZ°	Phase ID	Time Res	ISC
WRA	Warramunga Arr	32.64 117 P	Op	09 38 54.6 +0.4	
ASAR	Alice Springs	33.70 124 P	P	09 40 03.8 +0.3	
ASAR		1.2nm, 0.9s, baz=304, slow=7.1, SNR=11	PcP	09 42 43.0 -0.3	
STKA	Stevens Creek	43.46 131 eP	Pn	09 41 26.2 +0.7	
SOMN	Songino Array	54.15 2 P	P	09 42 47.7 +0.1	
MKAN	Makanchi Array	56.35 342 P	P	09 43 03.6 +0.2	

SZGRF 03 09:42:08.0, 9.12N-9362E, h33km, mb4.7, Nicobar Islands, India, region

MOS 03 09:42:10.6, 1.1, 955N-93.18E, h43km, mb5.1/24, Error ellipse: s-maj=11.0km s-min=6.0km az=107.8

BUI 03 09:42:10.6, 9.15N-93.05E, h74km, mb4.9, mb4.9, Ms4.8, Ms4.2

ISCJB 03 09:42:13.2, 0.3, 940N-004-9309E-004, h73km, mb6.7/53, Error ellipse: s-maj=6.5km s-min=4.1km az=96.0

NEIC 03 09:42:14.8, 0.9, 942N-93.06E, h68km, 9km, mb4.7/28, Error ellipse: s-maj=9.2km s-min=5.7km az=48.0

IDC 03 09:42:15.5, 0.7, 952N-93.18E, h71km, 5km, mb4.2/18, mb1 4.3/7, mb1mx4.2/24, mtmtp4.5/19, MS3.6/7, Ms1 3.6/7, ms1mx3.3/33, Error ellipse: s-maj=18.4km s-min=9.9km az=56.0

ISC 03 09:42:15.5, 0.3, 945N-004-9311E-004, h75km, h75km, 3.3km, pp-P, n169, o12/166, mb4.7/53, 21C-14D, Nicobar Islands region

Code	Station Name	A° AZ°	Phase ID	Time Res	ISC
PBA	Port Blair	2.23 351 eP	Op	09 42 37.1	
PBA			eS	09 43 03.1	
NNT	Nongplab	7.21 64 P	Pn	09 43 58.0 -0.3	
SNG	Songkhla	7.76 106 eP	Pn	09 44 06.0 -0.3	
KULM	Kulim	8.54 118 ePn	Pn	09 44 16.1 -0.3	
PSI	Prapat	8.77 138 P	Pn	09 44 21.4 +1.9	
PSI		7.0nm, 0.3s, baz=326, slow=13, SNR=20	LR	09 44 06.2	
CHG	Chiang Mai	10.89 31 P	Pn	09 44 50.5 +2.0	
CHTO	Chiang Mai	10.89 31 eP	Pn	09 44 50.3 +1.8	
CHTO		comp=Z, 111nm, 0.6s	pmx		
CHTO	Chiang Mai	10.89 31 ePn	Pn	09 44 50.3 +1.8	
PALK	Pallekele	12.47 261 ePn	Pn	09 45 07.7 -2.2	
VIS	Vishakhapatnam	12.57 312 eP	Pn	09 45 20.9 -5.9	
VIS		comp=Z, 23nm, 0.4s	Amb	09 45 09.4	
VIS	Impal	15.27 3 eS	Sn	09 47 14.0 -15	
BOK	Bokoro	15.85 335 eP	Pn	09 45 51.8 -2.3	
BOK		comp=Z, 23nm, 0.6s	Amb	09 45 58.8	
BOK		comp=Z, 23nm, 0.6s	Pn	09 48 45.0 -14	
SHL	Shillong	16.08 356 eP	Pn	09 45 55.3 -1.7	
SHL		comp=Z, 277nm, 0.0s	Amb	09 46 00.3	
SHL		comp=Z, 13nm, 0.8s	eS	09 48 52.7 -11	
KMI	Kunming	18.09 29 P	Pn	09 46 25.1 +3.5	
KMI		comp=Z, 13nm, 0.8s	Amb		
KMI	Kunming	18.09 29 P	Pn	09 46 25.1 +3.5	
QIZ	Qiongzong	18.79 58 P	Pn	09 46 30.4 +0.3	
QIZ		comp=Z, 13nm, 0.8s	AP	09 46 32.1 +1.2	
QIZ		comp=Z, 13nm, 0.8s	eS	09 49 59.7 +1.0	
QIZ	Qiongzong	18.79 58 eP	Pn	09 46 29.7 -0.4	
QIZ		comp=Z, 79nm, 1.4s	eS	09 49 58.2 -0.5	
KQM	Kuching	18.85 114 eP	S	09 46 32.0 +1.2	
JIRN	Jiri	19.26 341 eP	Pn	09 46 35.4 -0.3	
PKI	Pulchoki	19.44 339 eP	Pn	09 46 37.0 -0.8	
DMN	Daman	19.58 338 eP	Pn	09 46 38.4 -1.1	
GUN	Gumba	19.59 341 eP	Pn	09 46 38.7 -0.9	
KUN	Kunming	19.69 339 eP	Pn	09 46 39.5 -1.2	
KAD	Karad	19.99 295 eP	Pn	09 46 40.3 -4.0	
KAD		comp=Z, 40nm, 1.9s	Amb	09 46 42.7	
KAD		comp=Z, 36nm, 0.5s	ex	09 50 12.3	
GKN	Gorkha	20.11 338 eP	P	09 46 44.1 +0.9	
LSA	Lhasa	20.23 355 eP	P	09 46 44.7 +0.1	
LSA	Lhasa	20.23 355 eP	P	09 46 44.3 -0.3	

LSA	comp=Z, 27nm, 0.4s	Lhasa	20.23 355 eP	P	09 46 44.3 -0.2
KOLN	comp=Z, 28nm, 0.4s	Koldanda	20.32 334 eP	P	09 46 46.6 +1.2
BHPL	comp=Z, 35nm, 0.6s	Bhopal	20.34 314 eP	P	09 46 43.6 -2.0
BHPL			eS	09 50 27.8 -1.7	
POO	comp=Z, 9.3nm, 0.2s	Poona	20.74 298 eP	Amb	09 46 46.0 -4.0
POO			Amb	09 46 48.1	
GYA	comp=Z, 2.9nm, 0.2s	Guiyang	21.24 35/P	Amb	09 46 55.5 +0.1
GYA			Amb		

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like Tenmabayashi, Tanohata, Okushiri-Mats, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like RSPR 03, NEIC 03, TRN 03, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes stations like Callahan, Alder Springs, Whiskeytown Da, etc.

3d 13h

Table with columns: IRO, MOD, J05A, S04C, H03A, H03A, N06A, N06A, O06A, P06A, FRIS, R05C, R05C, N06A, N06A, WCN, WCN, CMB, CMB, PACP, PACP, BKCOR, BEND, SAO, SAO, H04A, H04A, PINOR, PAHR, I05A, I05A, J06A, J06A, M07A, M07A, G03A, G03A, L07A, L07A, HAST, HAST, N07B, N07B, S05C, S05C, S06C, S06C, R06C, R06C, G04A, G04A, O07A, O07A, H05A, H05A, K07A, K07A, LRV, LRV, I06A, I06A, V03C, V03C, V03C, V03C, F03A, F03A, F03A, F03A, W07A, W07A, T06C, T06C, H06A, H06A, L08A, L08A, KCC, KCC, I07A, I07A, F04A, F04A, M08A, M08A, PKD, PKD, PKD, PKD, G06A, G06A, G06A, G06A, V04C, V04C, V04C, V04C, H07A, H07A, J08A, J08A, J03A, J03A, E03A, E03A, Q08A, Q08A, L09A, L09A, I08A, I08A, MTUM, MTUM, F06A, F06A, HELL, HELL, HELL, HELL, K09A, K09A, G07A, G07A, H08A, H08A, J09A, J09A, E05A, E05A, F07A, F07A, VES, VES, G08A, G08A, G06A, G06A, D05A, D05A, H09A, H09A, ISA, ISA

2006 OCT

Table with columns: ISA, E07A, BMO, C05A, F09A, Q11A, B05A, E09A, D08A, C07A, F10A, B06A, Q12A, GSC, C08A, A05A, B07A, HLID, HLID, C09A, HEC, B09A, DUG, DUG, A10A, C12A, W13A, B12A, C13A, A12A, B13A, Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, ISC, Res

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Table with columns: CAW, PAWZ, TCW, TCW, NNZ, NNZ, THZ, KHZ, LTZ, Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, ISC, Res

NEIC 03 13:41:20.0, 1.0, 8.659N, 126.11E, h148km, mb4.9/21, Error ellipse: s-maj=12.0km s-min=5.4km az=67.0

NEIC Felt (II PWS) at Davao

ISC 03 13:41:20.2, 0.4, 6.60N, 003.1261E, 0.05, h145km, 3km, h143km, 2.2km; p-P, 1.61, 4.108/150, mb4.7/60, 12C-19D,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DAV, DMPH, KCP, KUN, etc.

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

Table with columns: WMOK, Station Name, Az, Phase ID, Time, Res. Includes stations like WMOK, TORD, CCNY, etc.

3d 15h

2006 OCT

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

Table with columns: OUR, Station Name, Az, Phase ID, Time, Res. Includes stations like VIT Vitosha, VIT Vitosha, VIT Vitosha, etc.

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

SOF 03 14:33:56.1, 4122N-2240E, h20km, MD3.2

SKO 03 14:33:57.7, 4123N-2251E, h22km, M1.5, ML3.2

ISCJB 03 14:33:58.4, 4121N-001.2251E-002, h2km, 3km, Error ellipse: s-maj=2.4km s-min=2.2km az=45.3

CSEM 03 14:33:58.7, 4126N-2249E, h10km, ML3.2, Error ellipse: s-maj=1.2km s-min=1.1km az=121.0

ATH 03 14:33:59.6, 4126N-2251E, h38km, 13km, MD3.7/PB

NEIC 03 14:33:59.6, 41.15N-2259E, h10km, MD3.2(PDG), MD3.7(ATH), Error ellipse: s-maj=0.8km s-min=5.0km az=218.0

THE 03 14:33:59.0, 4122N-2248E, h7km, ML3.8

PDG 03 14:33:59.4, 4121N-2251E, h11km, 1km

ISC 03 14:33:59.2, 41.20N-001.2251E-002, h2km, 2km, n69, 111/113, 14C-6D, Northwestern Balkan Peninsula

NEIC 03 15:34:43.0, 6352N-15387W, h30km, ML3.1(AEIC), ML3.5(PMR), After AEIC, Central Alaska

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

NNC 03 15:45:00.1, 2.8, 3722N-7062E, h0km, mb3.1, mpv2.6, 2C-3D, Error ellipse: s-maj=26.4km s-min=21.5km az=86.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KK31 Karatay Array, KK31 Karatay Array, KK31 Karatay Array, etc.

NAO 03 15:57:26.3, 3508N-2447E, h33km, mb4.2

IDC 03 15:58:07.7, 1.1, 3951N-2053E, h0km, mb3.7/B, mb1.3, 7/12, mb1mx3.7/24, mbtmp3.6/12, ML3.5/2, MS3.4/7, Ms1.3/4/7, ms1mx2.9/32, Error ellipse: s-maj=19.8km s-min=17.1km az=115.0

PRU 03 15:58:07.2, 3925N-1981E, h0km, M3.8

ISCJB 03 15:58:09.0, 3945N-002-2065E-002, h10km, mb3.7/10, MS3.3/7, Error ellipse: s-maj=2.5km s-min=1.7km az=115.0

MOS 03 15:58:09.7, 1.4, 3947N-2054E, h18km, mb4.0/B, Error ellipse: s-maj=6.4km s-min=3.7km az=82.6

NEIC 03 15:58:09.8, 3953N-2063E, h13km, mb3.8/1, MD3.9(PDG), ML3.9(TH), ML4.3(ATH), After ATH

TIR 03 15:58:09.1, 3951N-2067E, h5km, M13.7

ATH 03 15:58:09.7, 3953N-2064E, h12km, 1km, MD4.1/21, ML4.3

THE 03 15:58:10.3, 1.3, 3955N-2069E, h10km, ML4.6

PDG 03 15:58:10.3, 1.3, 3955N-2070E, h2km, 3km

SOF 03 15:58:12.1, 3946N-2037E, h50km, MD3.5

HLW 03 15:58:18.2, 3926N-2209E, h33km, MD3.8

ISC 03 15:58:10.5-0.2, 3943N-002-2065E-002, h10km, n167, 1854/212, mb3.7/10, MS3.3/7, 16C-22D, Greece-Albania border region

Table with columns: CODE, Station Name, Az, Phase ID, Time, Res. Includes stations like IGT Igoumenitsa, IGT Igoumenitsa, IGT Igoumenitsa, etc.

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

Table with columns: BRTR, Keskin Array B, 10.03 84, Pn, Pn, 16 00 34.7 +0.1, etc. Includes various station codes and coordinates.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes station codes like KSP, KSI, etc.

Table with columns: NKC, comp=Z, 61nm, 0.6s, eSg, Sg, 16 10 00.3 +1.8, etc. Includes station codes like GUNZ, WERN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes station codes like TOU, MPAL, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes station codes like KUR, MORC, etc.

Table with columns: SKR, comp=E, 5um, 8.0s, A, 17 12 37.0, etc. Includes station codes like SKR, YUK, etc.

JNB		eS	Sn	17 14 39.7	-2.3	
KJB	Kayabe	P	Pn	17 12 57.2	-1.1	
KJK		eS	Sn	17 14 43.1	-6.2	
JSH	Shimam	P	Pn	17 13 03.5	+1.5	
JYM2	Yakumo 2	P	Pn	17 13 02.2	+0.3	
NKL	Nikolayevsk	eP	Pn	17 13 05.9	0.0	
NKL	comp=Z,170nm,1.4s	AMB	AMB			
NKL	comp=Z,100nm,1.0s	AMB	AMB			
NKL	comp=Z,2µm,15.0s	AMS	AMS			
NKL	comp=Z,1µm,15.0s	AMS	AMS			
NKL	comp=Z,2µm,15.0s	AMS	AMS			
NKL	comp=Z,900nm,15.0s	AMS	AMS			
NKL	comp=Z,800nm,15.0s	AMS	AMS			
NKL	comp=Z,700nm,15.0s	AMS	AMS			
JSR	Shirouchi	10.55 246	P	Pn	17 13 04.7	-1.6
JANG	Nango	10.56 239	P	Pn	17 13 02.5	-3.9
JANG		eS	Sn	17 14 52.9	-1.1	
JTM	Tenmabayashi	10.57 242	P	Pn	17 13 04.3	-2.2
JTM		eS	Sn	17 14 54.7	-9.3	
JTH	Tanohata	10.64 236	P	Pn	17 13 03.1	-4.4
JTH		eS	Sn	17 14 55.0	-1.1	
JOSHI	Okushiri-Mats	10.88 251	P	Pn	17 13 10.4	-0.3
OFUJ	Ofunato	11.34 233	eS	Sn	17 15 11.5	-1.1
JRG	Rokugo	11.71 237	P	Pn	17 13 18.2	-3.9
JRG		eS	Sn	17 15 22.7	-9.2	
JIO	Ouri	11.96 232	P	Pn	17 13 21.7	-3.8
JIO		eS	Sn	17 15 25.5	-1.2	
MA2	Magadan	13.17 354	eP	Pn	17 13 43.9	+1.8
MA2		ePN	Pn			
MA2		pmax	pmax			
MA2	comp=Z,10.0nm,0.5s					
MA2	Magadan	13.17 354	eP	Pn	17 13 43.5	+1.4
KLR	Kul'dur	13.17 358	eP	Pn	17 14 03.3	-0.1
KLR		MLR	MLR			
KLR	comp=Z,4µm,13.0s					
MJAR	Matsushiro Arr	15.07 234	Pn	Pn	17 14 04.2	-3.6
MJAR	comp=Z,0.4nm,0.3s,baz=31,slow=12,SNR=15					
MJAR		Sn	Sn	17 16 49.2	-4.6	
MJAR	Matsushiro Arr	15.07 234	Pn	Pn	17 14 04.2	-3.6
MJAR		Sn	Sn	17 16 49.2	-4.6	
MAJO	Matsushiro	15.07 234	eP	Pn	17 14 03.4	-4.4
MAJO		pmax	pmax			
MAJO	comp=Z,18nm,0.6s					
MAJO	Matsushiro	15.07 234	eP	Pn	17 14 03.4	-4.4
MAJO		pmax	pmax			
MAJO	comp=Z,18nm,0.6s					
MAT	Matsushiro	15.07 234	P	Pn	17 14 04.2	-3.6
MAT		eP	Sn	17 16 56.8	+3.0	
VLA	Vladivostok	15.58 265	eP	Sn	17 14 12.2	-2.2
VLA		S	Sn	17 17 06.0	-0.4	
VLA		pmax	pmax			
SEY	Seymchan	16.46 358	eP	Pn	17 14 24.5	-1.3
MDJ	Mudanjiang	16.73 272	P	Pn	17 14 28.0	-1.2
MDJ		AP	pP	17 14 33.2	-5.5	
MDJ		XP	sP	17 14 34.6	-7.6	
MDJ		S	Sn	17 17 34.6	+0.5	
MDJ		SCP	ScP	17 22 51.3	+1.3	
MDJ		PCS	PCs	17 22 52.8	-0.3	
MDJ		AMB	AMB			
MDJ	comp=Z,14nm,1.2s					
MDJ	comp=Z,76nm,4.6s					
MDJ	comp=N,452nm,17.1s					
MDJ	comp=E,415nm,15.8s					
MDJ	comp=Z,743nm,16.5s					
MDJ	Mudanjiang	16.73 272	eP	Pn	17 14 29.2	0.0
MDJ		AMB	AMB			
ZEA	Zeya	18.15 303	eP	Pn	17 14 44.0	-2.8
ZEA		AMB	AMB			
ZEA	comp=Z,200nm,6.0s					
ZEA	comp=Z,300nm,6.0s					
CN2	Changchun	19.81 272	eP	Pn	17 15 03.1	-3.8
CN2		eXP	sP	17 18 10.0	-6.2	
CN2		eS	Sn	17 18 40.1	-8.7	
CN2		AMB	AMB			
CN2	comp=Z,10.0nm,0.7s					
CN2	comp=Z,200nm,6.0s					
CN2	comp=N,500nm,17.0s					
CN2	comp=E,600nm,17.0s					
CN2	comp=Z,600nm,19.0s					
CLNS	Chul'man	20.29 311	eP	P	17 15 15.2	+4.8
CLNS		ePPP	S	17 15 31.8		
CLNS		eS	S	17 18 44.3	-1.2	
CLNS		eSS	S	17 19 24.3		
CLNS		e	S	17 19 35.0		
CLNS	comp=E,25nm,0.9s					
CLNS	comp=Z,26nm,0.9s					
CLNS	comp=N,28nm,1.1s					
CLNS	comp=N,90nm,11.7s					
CLNS	comp=Z,89nm,11.1s					
CLNS	comp=E,59nm,13.3s					
CLNS	comp=E,1µm,15.0s,MS4.4					
CLNS	comp=Z,2µm,15.0s,MS4.5					
CLNS	comp=N,400nm,16.0s,MS4.4					
YAK	Yakutsk	20.60 327	eP	P	17 15 14.1	+0.3
YAK		e	S	17 15 32.3		
YAK		eS	S	17 18 58.5	-4.2	
YAK		e	S	17 19 28.3		
YAK		eSSS	S	17 19 31.3		
YAK		e	S	17 26 44.4		
YAK	comp=Z,29nm,1.0s					
YAK	comp=N,10.0nm,1.1s					
YAK	comp=E,13nm,1.3s					
YAK	comp=Z,212nm,4.0s					
YAK	comp=N,133nm,3.3s					
YAK	comp=E,84nm,2.0s					
YAK	comp=E,162nm,3.5s					
YAK	comp=N,106nm,3.7s					
YAK	comp=Z,596nm,14.0s,MS4.1					
YAK	comp=N,491nm,15.0s,MS4.1					
YAK	comp=E,273nm,12.0s,MS4.1					
YAK	Yakutsk	20.60 327	eP	P	17 15 12.8	-1.0
INCN	Inchon	21.72 255	eP	P	17 15 27.4	+1.5
INCN	Shenyang	21.78 268	eP	P	17 15 26.4	-0.2
SNY		AP	pP	17 15 30.4		
SNY		XP	sP	17 15 33.3	-4.3	
SNY		S	sS	17 19 23.6	-2.4	
SNY		XS	sS	17 19 30.5	-7.5	
SNY		SS	sS	17 19 58.7		
SNY		AMB	AMB			
SNY	comp=Z,270nm,0.9s,mb5.7					
SNY	comp=Z,317nm,4.1s					
SNY	comp=E,438nm,16.5s					
SNY	comp=Z,493nm,16.2s,MS4.0					

BILL	Bilibino	22.58 13	eP	P	17 15 36.3	+1.2
BILL			pmax	pmax		
BILL	comp=Z,8.0nm,0.5s,mb4.4					
BILL	Bilibino	22.58 13	eP	P	17 15 36.3	+1.2
BILL			eP	P		
HIA	Hailar	22.59 289	eP	P	17 15 33.4	-1.7
HIA			pmax	pmax		
HIA	comp=Z,9.0nm,0.6s					
HIA	Hailar	22.59 289	eP	P	17 15 33.4	-1.7
HIA			eP	P		
DL2	Dalian	24.39 263	eP	P	17 15 52.7	-0.1
DL2			↑P	P	17 20 12.0	+1.3
DL2			S	sS	17 20 20.8	-3.1
DL2			XS	sS		
DL2	comp=Z,20nm,0.8s,mb4.6					
DL2	comp=Z,120nm,5.1s					
DL2	comp=N,180nm,14.1s,MS3.8					
DL2	comp=N,110nm,12.2s,MS3.8					
DL2	comp=Z,140nm,14.5s,MS3.6					
BOD	Bodaibo	26.25 310	eP	P	17 16 07.5	-2.2
BOD			pmax	pmax		
BOD	comp=Z,9.0nm,1.1s,mb4.2					
BJI	Beijing	27.63 270	P	pP	17 16 22.3	+0.2
BJI			AP	pP	17 16 23.5	-6.6
BJI			XP	AMB		
BJI	comp=Z,10.0nm,0.9s,mb4.5					
BJI	comp=Z,188nm,5.4s					
BJI	comp=N,591nm,14.1s,MS4.3					
BJI	comp=E,242nm,15.2s,MS4.3					
BJI	comp=Z,377nm,16.4s,MS4.0					
BJT	Baijiatou	27.64 270	eP	P	17 16 23.2	+1.0
BJT			pmax	pmax		
BJT	comp=Z,23nm,1.0s					
BJT	Baijiatou	27.64 270	eP	P	17 16 23.2	+1.0
BJT			eP	P		
BJT	comp=Z,23nm,1.0s,mb4.6					
SSE	Sheshan	29.16 250	eP	P	17 16 36.3	+0.6
SSE			XP	sP	17 16 40.8	-6.4
SSE			S	S	17 21 26.3	+0.1
SSE			AMB	AMB		
SSE	comp=Z,18nm,0.8s,mb4.8					
SSE	comp=Z,132nm,5.5s					
SSE	comp=N,123nm,23.4s,MS3.6					
SSE	comp=E,101nm,23.4s,MS3.6					
SSE	comp=N,123nm,23.4s,MS3.6					
SSE	comp=E,101nm,23.4s,MS3.6					
NJJ2	Nanjing	30.08 254	eP	P	17 16 45.0	+1.2
NJJ2			AP	pP	17 16 55.5	+3.6
NJJ2			XP	sP	17 16 58.3	+3.0
NJJ2			PP	PP	17 17 43.5	-8.4
NJJ2			S	S	17 21 39.1	-1.6
NJJ2			XS	sS	17 21 56.0	+2.0
NJJ2			AMB	AMB		
NJJ2	comp=Z,20nm,0.8s,mb4.9					
NJJ2	comp=Z,670nm,4.6s					
NJJ2	comp=N,720nm,20.6s,MS4.3					
NJJ2	comp=E,490nm,23.2s,MS4.3					
NJJ2	comp=Z,7µm,23.1s,MS5.2					
HHC	Hu-ho-hao-te	30.46 275	eP	P	17 16 47.7	+0.4
HHC			AP	pP	17 16 52.6	-2.7
HHC			XP	sP	17 16 55.0	-3.7
HHC			PP	PP	17 17 48.1	-8.1
HHC			S	S	17 21 47.5	+0.8
HHC			XS	sS	17 21 54.2	-5.8
HHC			SS	SS	17 23 24.1	-3.3
HHC			PCS	PCs	17 23 29.5	-0.3
HHC			SCS	ScS	17 27 23.6	+0.8
HHC			AMB	AMB		
HHC	comp=Z,29nm,0.8s,mb5.1					
HHC	comp=N,235nm,12.9s,MS4.3					
HHC	comp=E,391nm,14.3s,MS4.3					
HHC	comp=Z,530nm,16.2s,MS4.3					
SOMN	Songino Array	31.56 290	P	P	17 16 56.0	-0.9
SOMN			P	P		
SOMN	comp=Z,2.7nm,0.9s,mb4.0,baz=68,slow=8.8,SNR=12					
SOMN			PcP	PcP	17 19 49.1	+0.1
SOMN	comp=Z,1.4nm,1.0s,baz=110,slow=1.6,SNR=3.7					
SOMN			ScP	ScP	17 23 32.1	+1.8
SOMN	comp=Z,0.2nm,0.9s,baz=122,slow=1.9,SNR=4.0					
SOMN	comp=Z,701nm,18.3s,MS4.4,baz=66,slow=38					
TLY	Talaya	32.42 298	eP	P	17 17 03.4	-1.1
TLY			pmax	pmax		
TLY	comp=Z,7.0nm,1.0s,mb4.5					
ZAK	Zakamensk	32.92 295	eP	P	17 17 08.1	-0.7
WHN	Wuhan	34.02 256	P	P	17 17 19.0	+0.5
WHN			AMB	AMB		
WHN	comp=Z,40nm,1.2s,mb5.2					
KDAK	Kodiak Island	34.13 51	P	P	17 17 16.9	-2.5
KDAK			P	P		
XAN	Xi'an	35.65 266	P	P	17 17 32.6	+0.1
XAN			AP	pP	17 17 38.2	-2.5
XAN			AMB	AMB		
XAN	comp=Z,8.0nm,2.3s,mb4.2					
COLA	College	36.22 38	eP	P	17 17 37.5	+0.1
KRAR	Krasnoyarsk	37.85 307	eP	P	17 17 52.8	+1.6
KRAR			pmax	pmax		
KRAR	comp=Z,16nm,1.0s,mb4.7					
LZH	Lanzhou	38.05 272	eP	P	17 17 54.5	+1.6
LZH			AP	pP	17 17 58.0	-3.1
LZH			XP	sP	17 18 01.0	-3.5
LZH			PCP	PcP	17 20 09.7	+1.8
LZH			eS	S	17 23 43.1	-0.6
LZH			XS	sS	17 23 50.0	-7.2
LZH			SS	SS	17 26 19.0	-1.2
LZH			AMB	AMB		
LZH	comp=Z,32nm,1.0s,mb5.0					
LZH	comp=Z,149nm,4.7s					
LZH	comp=N,1µm,14.4s					
LZH						

Table with columns for station name, frequency, polarization, and signal strength. Includes stations like Kahutara, Lake Taylor, Rata Peaks, Stephens Creek, etc.

Table with columns for station name, frequency, polarization, and signal strength. Includes stations like GUMO Guam, FITZ Fitzroy Crossi, MUN Mundaring, etc.

Table with columns for station name, frequency, polarization, and signal strength. Includes stations like MJAR, MAJO Matushiro, MAJO Matushiro, etc.

WHN	Wuhan	71.99 312	P	P	18 14 20.2 -0.1
WHN			AP	pP	18 14 56.7 -4.2
WHN			S	S	18 23 29.7 +1.9
WHN	comp=Z,2um,18.6s		AMB	AMB	
WHN			LR	LR	
PSI	Prapat	72.17 279	S	S	18 23 29.5 -0.4
SNG	Songkhla	72.20 284	P	PcP	18 14 42.2 +3.4
SNG	comp=Z,200nm,1.0s				
PET	Petropavlovsk	72.21 353 <i>o</i>	iP	P	18 14 20.7 -0.9
PET			e		18 14 36.3
PET			i	pP	18 15 00.9 -1.4
PET			e	pP	18 17 06.9
PET			ePPP		18 18 42.2
PET			i	S	18 23 30.3 0.0
PET			eSP		18 24 00.1
PET	comp=Z,2um,8.6s		pmax	pmax	
PET			pmax	pmax	
PET	comp=Z,307nm,0.6s,mb6.2				
PET	Petropavlovsk	72.21 353 <i>o</i>	eP	P	18 14 20.6 -1.0
DL2	Dalian	72.64 323	iP	P	18 14 24.6 +0.5
DL2			AP	P	18 15 01.2 -3.7
DL2			S	S	18 23 36.4 +1.1
DL2	comp=Z,450nm,0.7s,mb6.3		AMB	AMB	
DL2	comp=Z,810nm,6.9s				
MDJ	Mudanjiang	72.75 332	P	P	18 14 24.7 -0.1
MDJ			pP	pP	18 15 04.7 -0.8
MDJ			XP	sP	18 15 23.9 +0.3
MDJ			PP	P	18 17 08.1 -0.8
MDJ			S	S	18 23 38.6 +2.1
MDJ			ScS	ScS	18 24 16.3 0.0
MDJ			XS	S	18 24 48.7 +1.5
MDJ	comp=Z,96nm,1.0s,mb5.5		AMB	AMB	
MDJ	comp=Z,2um,8.7s				
MDJ	comp=N,817nm,24.1s		LR	LR	
MDJ	comp=E,510nm,21.1s		LR	LR	
MDJ	comp=Z,1um,22.1s		LR	LR	
MDJ	Mudanjiang	72.75 332	eP	P	18 14 24.4 -0.3
MDJ	comp=Z,224nm,0.9s,mb5.9				
TIA	Tai'an	73.58 318	iP	P	18 15 01.7 -3.8
TIA			P	P	18 14 29.3 -0.3
TIA			S	S	18 23 43.5 -2.3
TIA	comp=Z,284nm,1.1s,mb5.9		AMB	AMB	
TIA	comp=Z,739nm,5.0s		LR	LR	
TIA	comp=N,521nm,17.0s		LR	LR	
TIA	comp=E,222nm,17.0s				
SNY	Shenyang	73.61 326	iP	P	18 14 29.5 -0.3
SNY			S	S	18 23 49.3 +3.1
SNY			SS	SS	18 28 28.3 -4.5
SNY	comp=Z,61nm,1.0s,mb5.3		AMB	AMB	
SNY			AMB	AMB	
KNKT	Khon Kaen	73.94 294	iP	P	18 14 32.0 +0.3
KNKT	comp=Z,2um,0.5s				
CN2	Changchun	74.09 329	iP	P	18 14 32.5 -0.1
CN2			eAP	pP	18 15 13.6 +0.1
CN2			eS	S	18 23 50.5 -1.0
CN2	comp=Z,20nm,1.0s,mb4.8		AMB	AMB	
RPN	Rapa Nui	74.41 114	P	P	18 14 34.4 0.0
RPN	comp=Z,146nm,0.8s,mb5.8,baz=292,slow=3.7,SNR=8.0		S	S	18 23 56.0 +1.0
RPN	Rapa Nui	74.41 114	eP	P	18 14 33.8 -0.6
RPN	comp=Z,321nm,1.0s,mb6.0				
NNT	Nongplab	75.11 289	P	P	18 14 39.5 +1.1
GYA	Guiyang	75.47 305	iP	P	18 14 40.6 +0.1
GYA			XP	pP	18 15 42.0 +2.4
GYA			PP	PP	18 17 35.2 +3.3
GYA			S	S	18 24 07.6 +0.8
GYA			SKS	S	18 24 33.7
GYA	comp=Z,120nm,1.0s,mb5.5		AMB	AMB	
GYA	comp=Z,1um,8.1s				
GYA	comp=N,2um,21.8s		LR	LR	
GYA	comp=E,2um,21.4s		LR	LR	
GYA	comp=Z,3um,21.6s		LR	LR	
AKUT	Akutan	75.92 15	eP	P	18 14 39.8 -3.3
NST	Nakhon Sawan	76.00 292	iP	P	18 14 45.2 +1.7
BJT	Baijiatuu	76.56 321	eP	P	18 14 46.8 +0.1
BJT			ePP	pP	18 15 27.4 -0.4
BJT			pmax	pmax	
BJT	comp=Z,317nm,0.8s				
BJT	Baijiatuu	76.56 321	eP	P	18 14 46.8 +0.1
BJT	comp=Z,317nm,0.8s,mb5.6				
BJT			eP	pP	18 15 27.4 -0.4
BJT			P	P	18 14 47.1 +0.4
BJI	Beijing	76.57 321	iP	P	18 15 05.9 -2.0
BJI			XP	sP	18 15 47.4 +1.5
BJI			S	S	18 24 21.8 +3.0
BJI	comp=Z,168nm,1.0s,mb5.6		AMB	AMB	
BJI	comp=Z,2um,9.9s				
BJI			pmax	pmax	
BJI	comp=Z,168nm,1.0s,mb5.6				
BJI	Beijing	76.57 321	P	P	18 14 47.1 +0.4
BJI	comp=Z,168nm,1.0s,mb5.6				
BJI			pP	pP	18 15 25.9 -2.0
BJI			SP	sP	18 15 47.4 +1.5
BJI			PP	PP	18 17 51.3 +1.0
BJI			S	S	18 24 21.8 +3.0
BJI			ScS	ScS	18 24 49.6 +2.6
BJI			eS	S	18 25 57.3 +2.7
BJI			SS	SS	18 14 46.0 -2.2
NANT	Nan	76.82 295	iP	P	18 14 49.9 -3.4
XAN	Xi'an	77.75 313	P	P	18 24 22.8 -8.8
XAN			AMB	AMB	
XAN	comp=Z,1um,16.1s		LR	LR	
XAN	comp=N,1um,19.2s		LR	LR	
XAN	comp=E,2um,21.7s		LR	LR	
XAN	comp=Z,1um,16.1s		LR	LR	
KMI	Kunming	77.94 302	P	P	18 14 55.9 +1.6
KMI			PCP	pP	18 15 05.1 +1.6
KMI			AP	pP	18 15 34.3 -1.3
KMI			XP	sP	18 15 50.9 -2.7
KMI			PP	PP	18 17 56.6 +4.1
KMI			PPP	PPP	18 19 46.9
KMI			S	SS	18 24 36.9 +3.4
KMI			SS	SS	18 29 44.4 +6.3
KMI			SSS	SSS	18 33 05.4
KMI	comp=Z,254nm,1.0s,mb5.8		AMB	AMB	
KMI	comp=Z,1um,4.2s		LR	LR	
KMI	comp=N,919nm,22.2s		LR	LR	
KMI	comp=E,1um,17.2s		LR	LR	
KMI	comp=Z,1um,23.0s		LR	LR	
KMI	Kunming	77.94 302	P	P	18 14 55.9 +1.6

KMI			*PP	pP	18 15 34.3 -1.3
KMI			*SP	sP	18 15 50.9 -2.7
KMI					18 17 56.6
KMI			PPP	PPP	18 19 46.9
KMI			SS	SS	18 24 36.9 +3.4
KMI			SSS	SSS	18 29 44.4 +6.3
KMI			pmax	pmax	18 33 05.4
KMI	comp=Z,254nm,1.0s,mb5.8		MLR	MLR	
KMI	comp=Z,1um,23.0s				
KMI	Kunming	77.94 302	P	P	18 14 55.9 +1.6
KMI	comp=Z,254nm,1.0s,mb5.8		PCP	PCP	18 15 05.1 +1.6
KMI			pP	pP	18 15 34.3 -1.3
KMI			eP	sP	18 15 50.9 -2.7
KMI			PP	PP	18 17 56.6 +4.1
KMI			PPP	PPP	18 19 46.9
KMI			S	SS	18 24 36.9 +3.4
KMI			SS	SS	18 29 44.4 +6.3
KMI			SSS	SSS	18 33 05.4
KMI			LR	LR	
KMI	comp=Z,1um,23.0s				
CHG	Chiang Mai	78.34 295	iP	P	18 14 57.6 +1.1
CHG	comp=Z,150nm,0.8s,mb5.7				
CHTO	Chiang Mai	78.34 295	P	P	18 14 57.5 +1.0
CHTO	comp=Z,142nm,0.8s,mb5.7		pmax	pmax	
CHTO	Chiang Mai	78.34 295	iP	P	18 14 57.3 +0.8
CHTO	comp=Z,142nm,0.8s,mb5.7		eP	pP	18 15 37.4 -0.5
SDPT	Sand Point	78.39 171	eP	P	18 14 53.9 -3.0
MAW	Mawson	78.64 202	eP	P	18 14 57.6 -0.6
MAW	comp=Z,147nm,0.8s,mb5.7				
MAW			eP	pP	18 15 40.0 +0.4
MAW			eS	S	18 24 42.8 +1.7
MAW			SS	SS	18 24 58.5 +0.3
MAW	Mawson	78.64 202	P	P	18 14 57.6 -0.6
MAW	comp=Z,185nm,0.8s,mb5.8,baz=111,slow=6.6,SNR=182				
MAW	comp=Z,36nm,0.9s,baz=221,slow=22,SNR=1.5		pP	pP	18 15 35.2 -4.4
MAW	comp=Z,5.0nm,0.9s,baz=163,slow=8.2,SNR=3.3		PKIKP	PKIKP	18 20 32.6 +0.3
MAW	comp=Z,5.3nm,1.1s,baz=293,slow=19,SNR=5.6		S	S	18 24 43.1 +2.1
MAW	comp=Z,2um,20.8s,baz=111,slow=30		LR	LR	18 42 09.5
MAW	Mawson	78.64 202	eP	P	18 14 57.6 -0.6
MAW			ePP	pP	18 15 40.0 +0.4
MAW			eS	S	18 24 42.8 +1.7
MAW			pmax	pmax	
MA2	Magadan	79.63 351	eP	P	18 15 03.3 -0.3
MA2	comp=Z,147nm,0.8s		i	pP	18 15 44.8 -0.2
MA2			eS	S	18 24 50.3 -1.2
MA2			pmax	pmax	
MA2	comp=Z,200nm,0.9s,mb5.8		MLR	MLR	
MA2	Magadan	79.63 351	iP	P	18 15 01.7 -1.9
MA2	comp=Z,130nm,1.0s,mb5.5				
MA2			eP	pP	18 15 40.7 -4.3
CHGN	Chignik	79.81 18	eP	P	18 15 03.4 -1.1
HHC	Hu-ho-hao-te	79.85 319	eP	P	18 15 06.2 +1.4
HHC			AP	pP	18 15 46.1 -0.1
HHC			XP	sP	18 16 04.5 +0.4
HHC			PP	PP	18 18 09.4 +0.9
HHC			S	S	18 24 54.6 +0.8
HHC			SKS	SKS	18 25 03.7
HHC			ScS	ScS	18 25 12.7 -1.0
HHC	comp=Z,204nm,0.9s,mb5.8		AMB	AMB	
HHC	comp=Z,2um,9.8s				
HHC	comp=N,1um,17.4s		LR	LR	
HHC	comp=E,2um,20.0s		LR	LR	
HHC	comp=Z,3um,32.8s		LR	LR	
CD2	Chengdu	79.89 308	iP	P	18 15 05.4 +0.5
CD2			AP	pP	18 15 43.0 -3.4
CD2			XP	sP	18 16 03.0 -1.3
CD2			PP	PP	18 18 09.9 +1.2
CD2			S	S	18 24 11.1 -3.1
CD2			SKS	S	18 25 02.1
CD2			ScS	ScS	18 25 10.5 -3.5
CD2			XS	S	18 26 02.5 -3.6
CD2			SS	SS	18 30 08.5 +1.2
CD2	comp=Z,80nm,1.0s,mb5.3		AMB	AMB	
CD2	comp=Z,980nm,6.3s				
CD2	comp=N,840nm,18.0s		LR	LR	
CD2	comp=Z,910nm,38.4s		LR	LR	
BTO	Baotou	80.67 319	eP	S	18 15 08.9 -0.2
BTO			S	S	18 24 56.7 -5.7
HIA	Hailar	80.74 330	eP	P	18 15 08.8 -0.7
HIA			ePP	pP	18 15 49.2 -1.9
HIA			e	pmax	18 18 12.8
HIA	comp=Z,117nm,0.8s				
HIA	comp=Z,117nm,0.8s,mb5.4				
HIA			eP	pP	18 15 49.2 -1.9
HIA			ePP	pP	18 18 12.8 -3.0
HIA			eP	pP	18 15 19.5 +1.4
HIA			AP	pP	18 21 11.1 -3.1
HIA			PP	PP	18 21 32.1 +2.9
HIA			SKS	S	18 25 14.1
HIA			ScS	ScS	18 25 20.0 +0.2
HIA			XS	S	18 26 37.1 +4.9
HIA	comp=Z,86nm,1.2s,mb5.3		AMB	AMB	
HIA	comp=Z,450nm,5.2s		AMB	AMB	
LZH	Lanzhou	82.37 312	eP	P	18 15 19.5 +1.4
LZH	comp=Z,86nm,1.2s,mb5.3				
LZH			pP	pP	18 16 01.5 +1.7
LZH			SP	sP	18 16 32.5 +1.5
LZH			PP	PP	18 18 32.1 +2.9
LZH			SKS	S	18 25 14.1
LZH			ScS	ScS	18 25 20.0 +0.2
LZH			XS	S	18 26 37.1 +4.9
LZH	comp=Z,86nm,1.2s,mb5.3		AMB	AMB	
LZH	comp=Z,450nm,5.2s		AMB	AMB	
LZH	Lanzhou	82.37 312	eP	P	18 15 19.5 +1.4
LZH	comp=Z,86nm,1.2s,mb5.3				
LZH			pP	pP	18 16 01.5 +1.7
LZH			SP	sP	18 16 32.5 +1.5
LZH			PP	PP	18 18 32.1 +2.9
LZH			SKS	S	18 25 14.1
LZH			ScS	ScS	18 25 20.0 +0.2
LZH			XS	S	18 26 37.1 +4.9
LZH	comp=Z,86nm,1.2s,mb5.3		AMB	AMB	
LZH	comp=Z,450nm,5.2s		AMB	AMB	
LZH	Lanzhou	82.37 312	eP	P	18 15 19

3d 18h

COLA	COLLEGE	89.81	17	eP	P	18 15 51.3	-3.1
COLA	COLLEGE	89.81	17	ePP	pP	18 16 35.1	-1.7
COLA	COLLEGE	89.81	17	eP	P	18 15 51.3	-3.2
COLA	COLLEGE	89.81	17	eP	pP	18 16 35.1	-1.7
COLA	COLLEGE	89.81	17	eP	P	18 15 51.3	+0.6
N08A	GE SPRINGER MI	89.87	47	P	P	18 15 55.1	+0.3
N08A	GE SPRINGER MI	89.87	47	P	P	18 26 34.3	+1.8
C04A	BRINNON	89.91	39	U	P	18 15 55.1	+0.1
C04A	BRINNON	89.91	39	U	S	18 26 34.2	+1.2
ZAK	ZAKAMENSK	89.93	324	U	P	18 15 54.2	-0.8
ZAK	ZAKAMENSK	89.93	324	U	P	18 16 38.6	+1.3
K07A	ROCK CREEK RAN	89.95	44	P	P	18 15 55.5	+0.4
K07A	ROCK CREEK RAN	89.95	44	P	S	18 26 34.2	+1.0
F05A	WHITE SALMON	89.97	41	U	P	18 15 55.0	-0.2
F05A	WHITE SALMON	89.97	41	U	S	18 26 34.4	+1.0
W12A	CAL NEV ARI	89.98	53	U	P	18 15 55.4	+0.1
W12A	CAL NEV ARI	89.98	53	U	S	18 26 36.9	+3.4
M08A	HAPPY CREEK RA	89.99	46	P	P	18 15 55.9	+0.6
M08A	HAPPY CREEK RA	89.99	46	P	S	18 26 36.2	+2.5
U11A	CORN CREEK	90.04	51	U	P	18 15 55.7	+0.2
U11A	CORN CREEK	90.04	51	U	S	18 26 37.2	+3.1
P09A	AUSTIN	90.05	48	U	P	18 15 55.8	+0.2
P09A	AUSTIN	90.05	48	U	S	18 26 34.2	+0.1
VNA3	NEUMAYER OLYMP	90.06	180	eP	P	18 15 53.6	-2.0
VNA3	NEUMAYER OLYMP	90.06	180	eP	P	18 15 55.7	
VNA3	NEUMAYER OLYMP	90.06	180	eP	P	18 16 07.7	
VNA3	NEUMAYER OLYMP	90.06	180	eP	pP	18 16 34.5	-3.5
VNA3	NEUMAYER OLYMP	90.06	180	eP	P	18 16 52.0	
PGC	SIDNEY	90.08	38	U	P	18 15 55.6	-0.1
E05A	HANDLE	90.09	40	U	P	18 15 55.5	-0.3
E05A	HANDLE	90.09	40	U	S	18 26 34.5	0.0
R10A	WARM SPRINGS	90.12	49	U	P	18 15 56.3	+0.4
R10A	WARM SPRINGS	90.12	49	U	S	18 26 38.0	+3.2
PDMCI	PARKER DAM, LAK	90.14	54	P	P	18 15 56.4	+0.4
PDMCI	PARKER DAM, LAK	90.14	54	P	S	18 26 38.5	+3.5
H06A	LINDQUIST FARM	90.15	42	P	P	18 15 56.1	+0.1
H06A	LINDQUIST FARM	90.15	42	P	S	18 26 35.6	+0.6
LON	LONGMIRE	90.15	40	P	P	18 15 55.6	-0.5
V12A	NELSON	90.16	52	P	P	18 15 56.5	+0.4
V12A	NELSON	90.16	52	P	S	18 26 37.7	+2.5
G06A	CARLSON FARM,	90.18	42	P	P	18 15 56.0	-0.2
G06A	CARLSON FARM,	90.18	42	P	S	18 26 36.7	+1.3
Y13A	SALOME	90.19	54	U	P	18 15 56.8	+0.5
Y13A	SALOME	90.19	54	U	S	18 26 38.7	+3.2
J07A	HINES	90.20	44	P	P	18 15 56.6	+0.3
J07A	HINES	90.20	44	P	S	18 26 36.7	+1.2
WVOR	WILD HORSE VAL	90.24	45	P	P	18 15 56.5	0.0
WVOR	WILD HORSE VAL	90.24	45	P	P	18 15 56.5	0.0
WVOR	WILD HORSE VAL	90.24	45	P	P	18 16 39.2	+0.4
WVOR	WILD HORSE VAL	90.24	45	P	P	18 19 31.1	-1.5
D05A	ENUMCLAW	90.25	40	P	P	18 15 57.1	+0.6
D05A	ENUMCLAW	90.25	40	P	S	18 26 36.1	+0.1
SKAG	SKAGWAY	90.26	25	eP	P	18 15 55.6	-0.9
SKAG	SKAGWAY	90.26	25	eP	LR	18 15 57.0	+0.4
O09A	FISH CREEK RAN	90.27	47	P	P	18 15 57.0	+0.4
O09A	FISH CREEK RAN	90.27	47	P	S	18 26 37.4	+1.2
N09A	ROCK CREEK RAN	90.32	47	U	P	18 15 57.1	+0.3
N09A	ROCK CREEK RAN	90.32	47	U	S	18 26 38.5	+1.9
L08A	FIELDS	90.33	45	U	P	18 15 57.2	+0.4
L08A	FIELDS	90.33	45	U	S	18 26 38.6	+1.9
F06A	GOLDENDALE	90.33	41	P	P	18 15 57.1	+0.2
F06A	GOLDENDALE	90.33	41	P	S	18 26 37.4	+0.6
IRK	IRKUTSK	90.34	326	eP	P	18 15 56.7	-0.3
IRK	IRKUTSK	90.34	326	eP	pP	18 16 39.3	0.0
IRK	IRKUTSK	90.34	326	eP	SKSAC	18 26 11.6	-0.5
IRK	IRKUTSK	90.34	326	eP	P	18 15 56.7	-0.3
BMN	BATTLE MOUNTAI	90.35	47	U	P	18 15 57.2	+0.2
BMN	BATTLE MOUNTAI	90.35	47	U	P	18 16 41.1	+1.8
BMN	BATTLE MOUNTAI	90.35	47	U	P	18 15 57.1	+0.2
BMN	BATTLE MOUNTAI	90.35	47	U	P	18 16 41.1	+1.7
I07A	IZE	90.39	43	P	P	18 15 57.5	+0.3
I07A	IZE	90.39	43	P	S	18 26 39.8	+2.5
TLY	TALAYA	90.39	326	P	P	18 15 56.5	-0.7
TLY	TALAYA	90.39	326	P	P	18 15 56.1	-1.1
TLY	TALAYA	90.39	326	P	P	18 16 31.6	
TLY	TALAYA	90.39	326	P	P	18 26 34.0	-3.3
TLY	TALAYA	90.39	326	P	P	18 27 40.7	-4.1
TLY	TALAYA	90.39	326	P	P	18 15 56.1	-1.1
TLY	TALAYA	90.39	326	P	P	18 16 35.2	-4.3
K08A	MANN CREEK RAN	90.47	45	P	P	18 15 57.9	+0.4
K08A	MANN CREEK RAN	90.47	45	P	S	18 26 41.0	+3.0
RMW	RATTLESNAKE MO	90.48	39	P	P	18 15 57.7	+0.1
X13A	YUCCA	90.49	54	P	P	18 15 58.0	+0.4
X13A	YUCCA	90.49	54	P	S	18 26 40.1	+1.9
A04A	LEGOE BAY, LUM	90.55	38	U	P	18 15 57.9	+0.1
A04A	LEGOE BAY, LUM	90.55	38	U	S	18 26 38.0	-0.8
P10A	EUREKA	90.55	48	U	P	18 15 58.0	+0.1
P10A	EUREKA	90.55	48	U	S	18 26 38.3	-0.5
E06A	YAKIMA	90.56	40	P	P	18 15 58.0	0.0
E06A	YAKIMA	90.56	40	P	S	18 26 39.7	+0.9
H07A	LANDS INN, KIM	90.58	43	U	P	18 15 58.0	0.0

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H07A	barze91			U	S	18 26 39.8	+0.8
M09A	MARREL RAN,	90.61	46	U	P	18 15 58.6	+0.4
M09A	MARREL RAN,	90.61	46	U	S	18 26 41.2	+1.9
VNA1	NEUMAYER-STAT	90.64	181	eP	P	18 15 57.2	-1.1
VNA1	NEUMAYER-STAT	90.64	181	eP	P	18 15 57.7	
VNA1	NEUMAYER-STAT	90.64	181	eP	pP	18 16 36.4	-4.3
VNA1	NEUMAYER-STAT	90.64	181	eP	P	18 16 57.4	
W13A	HUALAPAI MOUNT	90.64	53	U	P	18 15 58.9	+0.5
W13A	HUALAPAI MOUNT	90.64	53	U	S	18 26 42.5	+2.9
TRCR	TROY CANYON	90.66	50	U	P	18 15 58.4	-0.1
TRCR	TROY CANYON	90.66	50	U	P	18 16 42.2	+1.4
C05A	TOLT RESERVOIR	90.66	39	P	P	18 15 58.3	-0.1
C05A	TOLT RESERVOIR	90.66	39	P	S	18 26 38.5	-1.3
U12A	VALLEY OF FIRE	90.67	52	P	P	18 15 59.1	+0.7
U12A	VALLEY OF FIRE	90.67	52	P	S	18 26 43.5	+3.7
B05A	BRYANT	90.69	39	P	P	18 15 58.6	+0.1
B05A	BRYANT	90.69	39	P	S	18 26 39.9	-0.1
Z14A	WINTERSBURG	90.70	55	U	P	18 15 59.1	+0.5
Z14A	WINTERSBURG	90.70	55	U	S	18 26 44.1	+4.0
L09A	WILKINSON RANC	90.72	46	U	P	18 15 58.9	+0.2
L09A	WILKINSON RANC	90.72	46	U	S	18 26 42.1	+1.9
J08A	CIRCLE BAR RAN	90.75	44	P	P	18 15 58.9	+0.1
J08A	CIRCLE BAR RAN	90.75	44	P	S	18 26 42.3	+1.7
PALK	PALLEKELE	90.75	277	P	P	18 15 59.1	+0.3
PALK	PALLEKELE	90.75	277	P	P	18 15 59.5	+0.7
O10A	CORTAZ MINING,	90.80	47	P	P	18 15 59.5	+0.5
O10A	CORTAZ MINING,	90.80	47	P	S	18 26 41.6	+0.6
G07A	RUGGS RAN, H	90.81	42	P	P	18 15 59.0	-0.1
G07A	RUGGS RAN, H	90.81	42	P	S	18 26 40.4	-0.7
Q11A	DUCKWATER	90.81	49	P	P	18 15 59.3	+0.2
Q11A	DUCKWATER	90.81	49	P	S	18 26 42.1	+1.0
Y14A	WICKENBURG	90.87	54	U	P	18 15 59.5	+0.1
Y14A	WICKENBURG	90.87	54	U	S	18 26 45.7	+4.1
I08A	DREWSEY	90.92	44	U	P	18 15 59.7	+0.1
I08A	DREWSEY	90.92	44	U	S	18 26 42.7	+0.5
F07A	PHINNY HILL VI	90.92	41	U	P	18 15 59.6	0.0
F07A	PHINNY HILL VI	90.92	41	U	S	18 26 42.7	+0.6
D06A	OLE ELIUM	90.94	40	U	P	18 15 59.6	-0.2
D06A	OLE ELIUM	90.94	40	U	S	18 26 42.8	+0.5
K09A	ROME	90.96	45	U	P	18 15 60.0	+0.2
K09A	ROME	90.96	45	U	S	18 26 45.4	+2.9
N10A	DUMPHY	90.97	47	U	P	18 15 60.0	+0.1
N10A	DUMPHY	90.97	47	U	S	18 26 43.7	+1.1
I15A	SONORAN DESERT	91.01	56	U	P	18 16 00.2	+0.2
I15A	SONORAN DESERT	91.01	56	U	S	18 26 46.8	+3.9
P11A	CIRCLE RAN,	91.02	48	U	P	18 16 00.3	+0.2
P11A	CIRCLE RAN,	91.02	48	U	S	18 26 44.4	+1.3
A05A	MAPLE FALLS	91.04	38	U	P	18 15 59.5	-0.6
A05A	MAPLE FALLS	91.04	38	U	S	18 26 43.7	+0.5
TBM	TABLE MOUNTAIN	91.08	40	P	P	18 16 00.2	-0.2
H08A	PRAIRIE CITY	91.12	43	U	P	18 16 00.2	-0.4
H08A	PRAIRIE CITY	91.12	43	U	S	18 26 44.9	+1.0
X14A	YAVA	91.16	54	P	P	18 16 01.6	+0.8
X14A	YAVA	91.16	54	P	S	18 26 47.9	+3.7
B06A	MARBLEMOUNT	91.17	39	U	P	18 16 00.1	-0.7
B06A	MARBLEMOUNT	91.17	39	U	S	18 26 44.7	+0.4
J09A	FRY PAN RAN,	91.22	44	U	P	18 16 01.1	+0.1
J09A	FRY PAN RAN,	91.22	44	U	S</		

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Trail Mountain, Lac du Bonnet, Newport, etc.

NEIC 03 19:02:01.7, 3268S-71.79W, h14km, M3.1(GUC), After GUC. GUC 03 19:02:01.7-0.7, 3268S-71.79W, h14km, 4km, MD3.5, ML3.1, 12C-2D, Near coast of central Chile.

ISCJB 03 20:45:24.5:0.8, 08S:02:160W, 0.1, h10km, mb4.1/5, MS3.7/8, Error ellipse: s-maj=34.5km s-min=13.6km az=118.2

IDC 03 20:45:24.5:1.5, 078S:1606W, h0km, mb4.0/4, mb1 4.0/5, mb1mx3.7/22, mbtmp4.0/5, ML3.6/1, MS3.7/9, Mt1 3.8/9, ms1mx3.6/22, Error ellipse: s-maj=50.0km s-min=26.0km az=143.0

NEIC 03 20:45:26.3:0.8, 076S:1594W, h10km, mb4.4/1, Error ellipse: s-maj=33.2km s-min=12.6km az=149.0

ISC 03 20:45:26.9:0.8, 08S:02:159W, 0.1, h10km, n14, 08/86/8, mb4.1/5, MS3.7/8, North of Ascension Island

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
DBIC	Dimbokro	13.30	56	Ph	20 48 34.9	-0.8		
DBIC	Dimbokro	13.30	56	Ph	20 52 41.8			
DBIC	Dimbokro	13.30	56	Ph	20 48 34.6	-1.1		
TOAD	Torodi Ar. Sit	22.29	51	eP	20 50 23.8	-0.4		
TORD	Torodi Ar. Beza	22.29	51	eP	20 50 24.9	+0.8		
TORD	Torodi Ar. Beza	22.29	51	eP	20 57 58.4			
BDFB	Brasilia	34.93	243		20 52 17.3	-1.5		
ESDC	Sonsec Array	41.71	14	S	21 11 14.5			
KEST	Kesra	43.28	30	LR	21 12 07.5			
CPUP	Villa Florida	47.23	234	LR	21 10 45.2			
SAML	Samuel	47.73	259	P	20 54 04.9	+1.1		
BOSA	Boscho	48.10	129	P	20 54 07.1	+0.4		
BOSA	Boscho	48.10	129	P	21 09 40.8			
LPAZ	La Paz	53.65	250	LR	21 15 40.7			
BRTR	Keskin Array B	60.55	42	P	20 55 37.9	+0.5		
PLCA	Pano Flores	62.35	224	LR	21 21 36.1			
NOA	NORSAR Array B	65.07	14	LR	21 28 26.3			

IDC 03 20:49:56.2:6.1, 512S:15073E, h229km, 38km, mb3.7/2, mb1 3.0/2, mb1mx3.3/8, mbtmp4.2/2, Error ellipse: s-maj=105.8km s-min=42.8km az=97.0

NEIC 03 20:49:54.3:4.1, 518S:15095E, h224km, 25km, mb4.3/4, Error ellipse: s-maj=52.7km s-min=40.7km az=82.0, New Britain region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
PMG	Port Moresby	5.64	222	eP	21 00 17.5	+0.2		
WB2	Warramunga Arr	21.83	226	eP	20 54 28.2	-0.6		
AS31	Alice Springs	24.65	220	eP	20 54 55.6	+1.1		
ASAR	Alice Springs	24.65	220	P	20 54 55.4	+0.9		
ASAR	Alice Springs	24.65	220	P	21 01 43.6	+0.7		
ASPA	Alice Springs	24.66	220	eP	20 55 55.6	+1.1		
FITZ	Fitzroy Crossi	27.87	240	eP	20 55 23.4	+0.1		
STKA	Stephens Creek	27.97	197	eP	20 55 23.8	-0.4		
STKA	Stephens Creek	27.97	197	P	20 55 25.7	+1.5		
STKA	Stephens Creek	27.97	197	P	20 55 22.9	-1.3		
FORT	Forrest	33.35	218	eP	20 56 11.7	+0.4		
CASY	Casey	67.12	197	P	20 50 24.8	+0.9		
TORD	Torodi Ar. Beza	48.66	287	PKPbc	21 09 16.2	+1.3		
TORD	Torodi Ar. Beza	48.66	287	PKPbc	21 09 16.2	+1.3		

NEIC 03 21:05:17.7, 3327S:7087W, h71km, MD3.1(GUC), After GUC

GUC 03 21:05:17.7:0.6, 3327S:7087W, h71km, 2km, MD3.3, ML3.5, 7C-4D, Chile-Argentina border region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
RCDM	Rinconada Maip	0.23	167	iP	21 05 28.7	+0.1		
RCDM	Rinconada Maip	0.23	167	iP	21 05 36.8	+0.4		
SAN	Santiago	0.25	138	iS	21 05 29.8	+0.2		
STL	Santa Lucia	0.26	132	iP	21 05 28.8	+0.1		
STL	Santa Lucia	0.26	132	iP	21 05 36.8	+0.1		
CLCH	Cerro Calan	0.31	115	iP	21 05 29.6	+0.6		
ROCH	El Roble	0.32	337	iS	21 05 38.2	+0.9		
ROCH	El Roble	0.32	337	iS	21 05 39.2	+0.8		
ANTU	Antumapu	0.36	147	iP	21 05 29.6	+0.2		
ANTU	Antumapu	0.36	147	iP	21 05 38.7	+0.7		
TACH	Talagante	0.39	189	iP	21 05 29.7	+0.1		
TACH	Talagante	0.39	189	iP	21 05 38.5	+0.9		
PCH	Pirque	0.46	140	iS	21 05 32.0	+0.3		
PCH	Pirque	0.46	140	iS	21 05 40.2	+0.8		
FCH	Farellones	0.49	98	iP	21 05 31.5	+1.0		
FCH	Farellones	0.49	98	iP	21 05 41.6	+1.7		
SJCH	San Jose de Ma	0.57	131	iP	21 05 31.5	+0.2		
SJCH	San Jose de Ma	0.57	131	iP	21 05 41.8	+0.6		
LCHC	Las Cruces	0.62	250	iS	21 05 42.0	+0.1		
LCHC	Las Cruces	0.62	250	iS	21 05 42.7	+0.5		
JACH	Jahuel	0.62	221	iP	21 05 32.1	+0.2		
JACH	Jahuel	0.62	221	iP	21 05 42.8	+0.5		
CHCH	Chadas Angostu	0.69	165	iP	21 05 32.5	0.0		
CHCH	Chadas Angostu	0.69	165	iP	21 05 44.3	+0.8		
LNV	Longovilo	0.82	213	iP	21 05 32.0	+0.4		
LNV	Longovilo	0.82	213	iP	21 05 46.5	+0.2		
CACH	Ei Canelo	0.88	165	iP	21 05 35.4	+0.7		
CACH	Ei Canelo	0.88	165	iP	21 05 49.1	+1.8		
PTCH	Petorca	1.00	357	AML	21 05 54.2			
CICH	Cipresses	1.12	161	iP	21 05 38.4	+0.7		
CICH	Cipresses	1.12	161	iP	21 05 53.8	+1.2		
SFDO	San Fernando	1.35	185	iP	21 05 41.1	+0.4		
SFDO	San Fernando	1.35	185	iP	21 05 59.2	+1.2		
CHNG	Los Chungos	1.48	339	iP	21 05 42.9	+0.6		
CHNG	Los Chungos	1.48	339	iP	21 08 01.7	+0.7		
CMCH	Combarbala	2.09	357	AML	21 06 25.1			
TLL	Tololo Astrono	3.09	1	iP	21 06 05.0	+0.9		
TLL	Tololo Astrono	3.09	1	iP	21 06 41.7	+1.9		

INMG 03 21:13:02.7:1.1, 3682N:965W, h15km, 4km, ML2.2, Error ellipse: s-maj=5.0km s-min=3.2km az=48.0

CSEM 03 21:13:02.1:0.8, 3672N:933W, h10km, ML3.2/6, Error ellipse: s-maj=14.4km s-min=8.0km az=42.0

GILG 03 21:13:02.7, 3670N:970W, h31km, ML2.2

MDD 03 21:13:02.1:1.7, 3683N:969W, h18km, 15km, mbLg2.3/6, Error ellipse: s-maj=18.7km s-min=9.7km az=43.0, PRXIMO, West of Gibraltar

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
MORF	Marinete	0.96	60	eP	21 13 19.8	-0.4		
MORF	Marinete	0.96	60	eP	21 13 32.2	-0.2		
MORF	Marinete	0.96	60	eP	21 13 32.2	-0.2		
MORF	Marinete	0.96	60	eP	21 13 33.9			
MORF	Marinete	0.96	60	eP	21 13 19.8	-0.3		
MORF	Marinete	0.96	60	eP	21 13 32.2	-0.2		
MORF	Marinete	0.96	60	eP	21 13 19.8	-0.4		
MORF	Marinete	0.96	60	eP	21 13 32.2	-0.2		
MORF	Marinete	0.96	60	eP	21 13 32.1	-0.1		
MORF	Marinete	0.96	60	eP	21 13 34.9	-0.3		
PBEJ	Beja	1.88	50	eP	21 13 32.1	-1.2		
PBEJ	Beja	1.88	50	eP	21 13 54.3	-2.2		

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
PBEJ	Beja	1.88	50	eP	21 13 32.1	-1.2		
PBEJ	Beja	1.88	50	eP	21 13 54.3	-2.2		
EGRO	El Granado	1.90	67	P	21 13 32.7	-0.8		
EGRO	El Granado	1.90	67	P	21 13 55.1	-1.8		
EGRO	El Granado	1.90	67	P	21 13 32.7	-0.8		
EGRO	El Granado	1.90	67	P	21 13 55.1	-1.8		
MOE	Montemor	2.00	32	eP	21 13 34.5	-0.4		
MOE	Montemor	2.00	32	eP	21 13 55.1	-1.8		
PLOU	Loures	2.10	11	eS	21 14 00.5	-1.5		
PLOU	Loures	2.10	11	eS	21 14 00.5	-1.5		
PMAFR	Mafra	2.15	8	eP	21 13 36.3	-0.7		
PMAFR	Mafra	2.15	8	eP	21 14 01.4	-1.8		
EMIN	Mina Concepcio	2.58	68	P	21 13 41.6	-1.4		
EMIN	Mina Concepcio	2.58	68	P	21 14 10.9	-3.0		
EMIN	Mina Concepcio	2.58	68	P	21 13 41.6	-1.3		
EMIN	Mina Concepcio	2.58	68	P	21 14 10.9	-2.9		
PESTR	Estremoz	2.63	38	eP	21 13 42.2	-1.4		
PESTR	Estremoz	2.63	38	eP	21 14 12.8	-2.2		
PESTR	Estremoz	2.63	38	eP	21 13 42.2	-1.4		
PESTR	Estremoz	2.63	38	eP	21 14 12.8	-2.2		
PTOM	Tomar	2.96	19	eP	21 13 47.3	-0.9		
PTOM	Tomar	2.96	19	eP	21 14 07.9	-1.5		
PTOM	Tomar	2.96	19	eP	21 13 47.3	-0.9		
PTOM	Tomar	2.96	19	eP	21 14 20.5	-2.8		
ESPER	Espera	3.07	88	P	21 13 48.4	-1.3		
ESPER	Espera	3.07	88	P	21 14 23.0	-3.0		
ESPER	Espera	3.07	88	P	21 13 48.4	-1.3		
ESPER	Espera	3.07	88	P	21 14 23.0	-3.0		
PCBR	Castelo Branco	3.47	29	eP	21 13 54.5	-0.7		
PCBR	Castelo Branco	3.47	29	eP	21 14 33.3	-2.6		
PCBR	Castelo Branco	3.47	29	eP	21 13 54.5	-0.7		
PCBR	Castelo Branco	3.47	29	eP	21 14 33.3	-2.6		
MTE	Manteigas	3.94	25	eS	21 14 44.5	-3.0		
MTE	Manteigas	3.94	25	eS	21 14 44.5	-3.0		
MTE	Manteigas	3.94	25	eS	21 14 03.7	-0.5		
MTE	Manteigas	3.94	25	eS	21 14 48.7	-3.3		
EADA	Adamuz	4.28	70	P	21 14 05.3	-1.0		
EADA	Adamuz	4.28	70	P	21 14 51.6	-4.1		
PVRL	Vila Real	4.70	18	eS	21 15 01.6	-4.5		
PVRL	Vila Real	4.70	18	eS	21 15 01.6	-4.5		
PVRL	Vila Real	4.70	18	eS	21 15 01.6	-4.5		
PVRL	Vila Real	4.70	18	eS	21 15 01.6	-4.5		
EQUE	Queantar	5.01	84	S	21 15 15.8	-3.8		
EQUE	Queantar	5.01	84	S	21 15 15.8	-3.8		
PCAB	Cabril	5.04	14					

STKA	Stephens Creek	38.59 160	P	P	04 09 32.1+1.0
3.0nm, 0.8s, baz=355, slow=7.7, SNR=4.7					
SOMM	Songino Array	46.82 341	P	P	04 10 38.1+0.2
0.5nm, 0.7s, baz=154, slow=7.0, SNR=3.1					

KRSC 04 04:16:00, 5333N-16045E, h44km, ML3.9, Near east coast of Kamchatka Peninsula

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
SPN	Mys Shipunski	0.35 228	eP	04 16 08.7 -0.4	
SPN	Nalytchevo	0.68 257	eP	04 16 32.8 +0.1	
NLC	Nalytchevo	0.68 257	iS	04 16 13.8 +0.3	
NLC	Nalytchevo	0.68 257	sP	04 16 23.6 +0.8	
KII	Karymskiy	0.93 320	eP	04 16 16.4 -0.2	
KII	Karymskiy	0.93 320	iS	04 16 28.8 +0.1	
AVH	Avacha	1.03 267	eP	04 16 18.9 +0.9	
AVH	Avacha	1.03 267	iS	04 16 32.8 +0.1	
PET	Petropavlovsk	1.12 255	eP	04 16 19.8 +0.3	
PET	Petropavlovsk	1.12 255	iS	04 16 34.1 +0.6	
MKZ	Mys Kozlova	1.44 31	eP	04 16 22.1 -1.5	
RUS	Russkaya	1.48 233	eP	04 16 24.2 +0.1	
RUS	Russkaya	1.48 233	iS	04 16 42.4 +0.2	
GNL	Ganally	1.54 285	eP	04 16 16.6 +1.4	
GNL	Ganally	1.54 285	iS	04 16 46.3 +2.5	
GRL	Gorelyy	1.64 242	eP	04 16 27.2 +0.9	
GRL	Gorelyy	1.64 242	iS	04 16 47.4 +1.3	
TUMR	Tumrok	1.96 355	eP	04 16 31.8 +1.0	
TUMR	Tumrok	1.96 355	iS	04 16 54.3 +0.1	
KMNR	Kamenistaya	2.43 357	eP	04 16 19.0 +2.0	
KMNR	Kamenistaya	2.43 357	iS	04 17 08.3 +2.5	
MIPR	Malaya Ipe'l'ka	2.48 246	eP	04 16 40.4 +2.6	
KPT	Kopyto	2.65 357	eP	04 16 41.8 +1.7	
KPT	Kopyto	2.65 357	iS	04 17 11.9 +0.9	
ZEL	Zelenaya	2.70 4	eP	04 16 42.6 +1.7	
ZEL	Zelenaya	2.70 4	iS	04 17 13.4 +1.1	
KOZ	Kozyrevsk	2.75 353	eP	04 16 44.3 +2.7	
KOZ	Kozyrevsk	2.75 353	iS	04 17 12.2 +3.5	
KRSR	Krestovskiy	2.89 1	eP	04 16 45.5 +1.9	
KRSR	Krestovskiy	2.89 1	iS	04 17 18.9 +1.8	
KLY	Klyuchi	2.99 2	eP	04 16 47.3 +2.4	
KLY	Klyuchi	2.99 2	iS	04 17 21.9 +2.4	
SRDR	Sredinnyy	3.02 352	eP	04 16 46.5 +1.2	
SRDR	Sredinnyy	3.02 352	iS	04 17 21.0 +0.7	
KBTR	Krutoberegovo	3.19 24	eP	04 16 47.8 +0.1	
KBTR	Krutoberegovo	3.19 24	iS	04 17 23.6 +0.9	
SRKR	Sorokina	3.36 7	eP	04 16 53.0 +3.1	
SRKR	Sorokina	3.36 7	iS	04 17 31.4 +2.9	

IDC 04 04:19:32.7±1.8, 3926N-7271E, h0km, mb4.0/8, mb1 4.1/11, mb1mx3.9/25, mbtmp4.0/11, ML3.6/3, Error ellipse: s-maj=31.8km s-min=22.4km az=143.0
 ISCJB 04 04:19:38.1±0.8, 3933N-0047285E±0.10, h62km, 11km, mb4.0/11, Error ellipse: s-maj=13.5km s-min=5.1km az=133.1
 NEIC 04 04:19:40.5±3.1, 3964N-7267E, h44km±22km, mb3.6/1, Error ellipse: s-maj=31.0km s-min=13.9km az=170.0
 MOS 04 04:19:41.8±0.9, 3984N-7263E, h61km, mb4.2/9, Error ellipse: s-maj=17.9km s-min=9.5km az=104.6
 NNC 04 04:19:42.5±7.5, 4017N-7352E, h0km, mb3.6, mpv3.5, Error ellipse: s-maj=60.3km s-min=28.8km az=178.0
 ISC 04 04:19:40.0±0.6, 3933N-0047283E±0.09, h63km±10km, n54, i137/59, mb4.0/11, SC-3D, Kyrgyzstan

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
AML	Almayashu	2.83 13	P	04 20 23.2+0.4	
UCH	Uchtor	3.12 24	P	04 20 27.4+0.5	
EKS2	Erkin-Say	3.36 12	P	04 20 30.4+0.3	
AAK	Ala-Archa	3.49 21	P	04 20 32.9+1.0	
AAK	Ala-Archa	3.49 21	ePn	04 20 31.4 -0.5	
AAK	Ala-Archa	3.49 21	eSn	04 21 18.4 +6.5	
AKB	Karagaybulak	3.65 25	P	04 20 35.8+1.8	
ULHL	Ulahol	3.86 41	P	04 20 37.8+0.8	
CHMS	Chumysh	3.90 21	P	04 20 38.0+0.6	
USP	Ospenovka	4.09 17	P	04 20 40.2+0.2	
TKM2	Tokmak 2	4.11 30	P	04 20 41.8+1.5	
TKM2	Tokmak 2	4.11 30	↑P	04 20 41.3+1.0	
TKM2	Tokmak 2	4.11 30	↑Lg	04 21 22.9	
KK31	Karatay Array	4.11 336	↑Pn	04 20 39.0 -1.3	
KK31	Karatay Array	4.11 336	↑Sn	04 21 26.9 -0.3	
KK31	Karatay Array	4.11 336	↑Lg	04 21 39.4	
THN	Thain Dam	7.31 160	eP	04 21 26.3 +2.2	
KLP	Kalpa	8.99 149	eS	04 21 47.6 +0.6	
KLP	Kalpa	8.99 149	eS	04 23 28.2 +1.5	
KLP	Kalpa	8.99 149	AML	04 23 37.5	
KLP	Kalpa	8.99 149	AML	04 23 39.0	
RTK	Rohkhat	10.73 163	eP	04 22 21.6 +1.1	
RTK	Rohkhat	10.73 163	eS	04 24 15.5 +6.1	
KHET	Khetri	11.54 167	eP	04 22 19.7 -2.2	
KHET	Khetri	11.54 167	eS	04 24 22.2 -6.9	
KHET	Khetri	11.54 167	AML	04 24 29.7	
KHET	Khetri	11.54 167	AML	04 24 30.9	
SONA	Sohna	11.64 161	eP	04 22 23.7 +0.4	
SONA	Sohna	11.64 161	eS	04 24 27.5 -4.2	
SONA	Sohna	11.64 161	AML	04 24 37.1	
SONA	Sohna	11.64 161	AML	04 24 37.1	
VOSK	Vostochnaya	13.41 355	↑Pn	04 22 44.7 -2.7	
VOSK	Vostochnaya	13.41 355	↑Lg	04 26 24.9	
BVAR	Borovoye Array	13.76 354	Pn	04 22 47.8 -4.2	
BVAR	Borovoye Array	13.76 354	Lg	04 26 57.8	
BVAR	Borovoye Array	13.76 354	eP	04 22 49.7 -2.8	
BVAR	Borovoye Array	13.76 354	ePn	04 22 49.7 -2.8	
GKN	Gorkha	14.99 136	eP	04 23 04.2 -4.0	
GKN	Gorkha	14.99 136	eS	04 25 46.6 -6.5	
AKTK	Aktyubinsk	15.21 321	Pn	04 23 07.0 -4.0	
AKTK	Aktyubinsk	15.21 321	↑Lg	04 27 43.8	
AKTK	Aktyubinsk	15.21 321	↑P	04 23 14.6 +3.6	
AKTK	Aktyubinsk	15.21 321	Pn	04 23 07.0 -4.0	
AKTK	Aktyubinsk	15.21 321	Lg	04 27 43.8	
KKN	Kakani	15.57 134	eP	04 23 11.5 -3.3	
DUN	Daman	15.56 135	eP	04 23 12.4 -3.0	
GMM	Gumba	15.76 133	eP	04 23 10.0 -1.9	
JIRN	Jiri	16.12 132	eP	04 23 20.8 -1.8	
ZAL	Zalesovo	16.69 25	Pn	04 23 27.9 -1.7	
ZAL	Zalesovo	16.69 25	Pn	04 23 27.9 -1.7	
ZAL	Zalesovo	16.69 25	Pmax		
ARU	Arti	19.49 336	eP	04 24 01.4 -2.2	
GNI	Garni	21.57 281	P	04 24 26.1 +1.8	
GNI	Garni	21.57 281	Pmax		
KIV	Kislovodsk	22.91 291	eP	04 24 38.4 -0.1	
KIV	Kislovodsk	22.91 291	Pmax		
IMP	Imphal	22.98 123	ex	04 21 23.0	

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
IMP	Imphal	22.98 123	ex	04 22 56.0	
SOMM	Songino Array	25.57 60	P	04 25 04.7 +1.7	
SOMM	Songino Array	25.57 60	P	04 25 04.7 +1.7	
BRTR	Beskin Array B	30.06 283	P	04 25 43.9 +0.8	
BRTR	Beskin Array B	30.06 283	Pmax		
BRTR	Beskin Array B	30.06 283	Pmax		
JOF	Joensuu	34.17 327	eP	04 26 18.7 -0.4	
JOF	Joensuu	34.17 327	eP	04 26 18.7 -0.4	
JOF	Joensuu	34.17 327	Pmax		
JOF	Joensuu	34.17 327	Pmax		
FINES	FINES Array B	35.97 323	P	04 26 34.6 0.0	
FINES	FINES Array B	35.97 323	P	04 26 34.6 0.0	
FINES	FINES Array B	35.97 323	Pmax		
FINES	FINES Array B	35.97 323	Pmax		
ARCES	ARCES Array B	39.08 336	P	04 27 01.3 +0.4	
ARCES	ARCES Array B	39.08 336	P	04 27 01.3 +0.4	
ARCES	ARCES Array B	39.08 336	Pmax		
ARCES	ARCES Array B	39.08 336	Pmax		
HFS	Hagfors	41.75 320	P	04 27 23.0 +0.1	
HFS	Hagfors	41.75 320	P	04 27 23.0 +0.1	
GERES	GERES Array B	42.52 303	P	04 27 30.6 +1.4	
GERES	GERES Array B	42.52 303	P	04 27 30.6 +1.4	
GERES	GERES Array B	42.52 303	Pmax		
GERES	GERES Array B	42.52 303	Pmax		
NB2	NORSAR Subarra	43.00 321	P	04 27 33.0 -0.1	
NB2	NORSAR Subarra	43.00 321	P	04 27 33.0 -0.1	
NB2	NORSAR Subarra	43.00 321	Pmax		
NB2	NORSAR Subarra	43.00 321	Pmax		
NOA	NORSAR Array B	43.00 321	P	04 27 33.0 -0.1	
NOA	NORSAR Array B	43.00 321	P	04 27 33.0 -0.1	
NOA	NORSAR Array B	43.00 321	Pmax		
NOA	NORSAR Array B	43.00 321	Pmax		
TORD	Torodi Arr	67.23 269	P	04 30 28.4 +0.8	
TORD	Torodi Arr	67.23 269	P	04 30 28.4 +0.8	
TORD	Torodi Arr	67.23 269	Pmax		
TORD	Torodi Arr	67.23 269	Pmax		

KRSC 04 04:22:38, 5101N-15675E, h142km, ML4.0, Kamchatka Peninsula

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
MIPR	Malaya Ipe'l'ka	1.27 0	Op	04 23 05.6 +1.1	
MIPR	Malaya Ipe'l'ka	1.27 0	P	04 23 05.6 +1.1	
GRL	Gorelyy	1.75 28	eP	04 23 12.6 +2.9	
GRL	Gorelyy	1.75 28	iS	04 23 36.7 +2.9	
RUS	Russkaya	1.80 37	eP	04 23 12.3 +2.0	
RUS	Russkaya	1.80 37	iS	04 23 36.5 +1.5	
PET	Petropavlovsk	2.33 30	eP	04 23 19.2 +2.5	
PET	Petropavlovsk	2.33 30	iS	04 23 48.1 +1.7	
AVH	Avacha	2.57 28	eP	04 23 23.6 +4.0	
NLC	Nalytchevo	2.69 35	eP	04 23 23.1 +2.0	
NLC	Nalytchevo	2.69 35	iS	04 23 56.1 +1.8	
GNL	Ganally	2.79 15	eP	04 23 24.8 +2.5	
GNL	Ganally	2.79 15	iS	04 23 58.2 +1.7	
SPN	Mys Shipunski	2.91 43	eP	04 23 26.4 +2.6	
SPN	Mys Shipunski	2.91 43	iS	04 24 01.2 +2.0	
KII	Karymskiy	3.45 27	eP	04 23 34.8 +4.0	
KII	Karymskiy	3.45 27	iS	04 23 48.7 +1.9	
MKZ	Mys Kozlova	4.66 38	eP	04 23 48.7 +1.9	
MKZ	Mys Kozlova	4.66 38	iS	04 23 52.0 +4.2	
TUMR	Tumrok	4.74 24	eP	04 23 57.7 +3.9	
KMNR	Kamenistaya	5.19 22	eP	04 23 59.7 +3.4	
KPT	Kopyto	5.38 21	eP	04 23 58.1 +1.7	
KOZ	Kozyrevsk	5.39 19	eP	04 24 03.5 +4.7	
ZLN	Zelenaya	5.57 24	eP	04 24 03.5 +4.7	
SRDR	Sredinnyy	5.60 17	eP	04 24 03.5 +4.0	
KRSR	Krestovskiy	5.69 22	eP	04 24 03.6 +3.2	
KLY	Klyuchi	5.80 22	eP	04 24 06.2 +4.3	
SRKR	Sorokina	6.23 23	eP	04 24 11.2 +3.6	
KBTR	Krutoberegovo	6.33 32	eP	04 24 11.0 +1.9	
KBTR	Krutoberegovo	6.33 32	iS	04 25 19.5 -0.8	

IDC 04 04:24:24.1±0.8, 4181N-12675E, h0km, mb4.5/14, mb1 4.6/1

4d 7h

KSH	comp=N,395nm,1.1s	Smax			
KSH	comp=E,365nm,0.5s				
THW	4.25 181 P	Pn		07 29 46.3 +0.4	
SBDP	Sheikh Budin 4.82 191 P	Pn		07 29 52.5 -0.9	
SARP	Sargodha 5.17 172 P	Pn		07 29 57.9 -0.1	
AML	Almayashu 5.26 15 P	Pn		07 29 59.2 0.0	
DRP	SNR=135				
UCH	Derazinda 5.47 195 P	Pn		07 30 02.8 +0.7	
THN	SNR=109				
THN	Thein Dam 5.60 144 ex	x		07 30 04.1	
THN		ex		07 31 06.9	
KZA	Kyzart 5.66 27 P	Pn		07 30 04.4 -0.1	
EKS2	Erkin-Say 5.79 14 P	Pn		07 30 06.3 0.0	
AAK	Ala-Archa 5.93 19 P	Pn		07 30 08.4 +0.3	
AAK	Ala-Archa 5.93 19 ePn	Pn		07 30 07.2 -0.9	
KBK	Karagaybulak 6.08 22 P	Pn		07 30 10.4 +0.4	
SNR=18					
KK31	Karatay Array 6.13 351 P	Pn		07 30 09.8 -1.0	
KK31	comp=E,17nm,0.3s,baz=163,slow=12,SNR=640				
ULHL	Ulahoi 6.19 32 P	Pn		07 31 15.5 -4.3	
SNR=1.9					
CHMS	Chumyshy 6.33 20 P	Pn		07 30 13.2 -0.3	
TKM2	Tokmak 2 6.52 25 P	Pn		07 30 16.0 0.0	
TKM2	SNR=50				
TKM2	Tokmak 2 6.52 25 P	Pn		07 30 15.8 -0.2	
TKM2	comp=E,3.8nm,0.7s				
USP	comp=E,0.8nm,0.6s				
USP	Ospenovka 6.52 17 P	Pn		07 30 15.7 -0.4	
SNR=38					
SDNR	Sundarnagar 6.97 141 ex	x		07 30 21.0	
SDNR		ex		07 31 34.4	
KOLN	Koldanda 13.55 130 eP	Pn		07 31 46.9 -1.9	
comp=E,7.7nm,0.3s					
GKN	Gorkha 14.04 126 eP	Pn		07 31 53.6 -1.4	
comp=E,14nm,0.3s					
KKN	Kakani 14.61 125 eP	Pn		07 32 00.5 -1.5	
comp=E,5.7nm,0.2s					
DMN	Daman 14.62 126 eP	Pn		07 32 01.5 -0.6	
comp=E,8.1nm,0.3s					
PKI	Pulchoki 14.84 126 eP	Pn		07 32 04.6 -0.3	
comp=E,10nm,0.4s					
GUN	Gumba 14.92 124 eP	Pn		07 32 05.1 -0.8	
comp=E,11nm,0.4s					
JIRN	Jiri 15.29 124 eP	Pn		07 32 10.2 -0.3	
comp=E,11nm,0.2s					
VOSK	Vostokchaya 15.68 358 P	Pn		07 32 12.9 -2.4	
comp=E,2.8nm,1.1s					
BVAR	Borovoye Array 16.00 357 P	Pn		07 32 18.7 -0.5	
comp=E,0.5nm,0.3s,baz=163,slow=12,SNR=4.2					
BRVK	Borovoye 16.04 357 eP	Pn		07 32 21.1 +1.3	
comp=E,1.6nm,0.4s					
AKTK	Aktyubinsk 16.66 328 P	Pn		07 32 26.7 -0.6	
AKTKO	Aktyubinsk 16.66 328 P	Pn		07 32 27.1 -0.2	
AKTKO		S		07 35 23.7 -8.9	
comp=E,0.1nm,0.6s					
AKTO	Aktyubinsk 16.66 328 P	Pn		07 32 26.7 -0.6	
comp=E,0.9nm,0.3s,baz=141,slow=9.0,SNR=12					
ZAL	Zalesov 19.11 24 P	Pn		07 32 55.2 +1.4	
comp=E,1.6nm,0.3s,baz=246,slow=7.7,SNR=7.7					
GTA	Gaotai 22.05 75 eP	Pn		07 33 28.4 +3.1	
GTA		AMB			
comp=E,5.0nm,1.0s,mb3.9					
SONM	Songino Array 27.45 56 P	Pn		07 34 16.7 +2.1	
comp=E,2.0nm,0.5s,mb3.3,baz=248,slow=7.8,SNR=3.7					
BR131	Keskin Array 29.93 287 eP	Pn		07 34 38.1 +1.6	
comp=E,2.0nm,0.3s,mb3.9					
BRTR	Keskin Array B 29.93 287 P	Pn		07 34 38.1 +1.6	
comp=E,2.0nm,0.7s,mb3.6,baz=106,slow=9.1,SNR=4.3					
AKASG	Malin Array Be 31.14 309 P	Pn		07 35 04.9 +0.2	
comp=E,2.0nm,0.4s,mb3.8,baz=86,slow=6.3,SNR=6.5					
JOF	Joensuu 35.74 329 eP	Pn		07 35 27.0 0.0	
comp=E,2.7nm,0.3s,mb4.3					
FINES	FINES Array B 37.41 325 P	Pn		07 35 41.4 +0.2	
comp=E,2.7nm,0.4s,mb3.6,baz=117,slow=9.4,SNR=7.9					
ARCES	ARCES Array B 40.90 337 P	Pn		07 36 10.4 +0.3	
comp=E,2.2nm,0.7s,mb3.9,baz=112,slow=7.6,SNR=14					
KULM	Kulim 41.14 133 eP	Pn		07 36 13.6 +1.5	
comp=E,2.2nm,0.7s,mb3.9,baz=112,slow=7.6,SNR=14					
NB2	NORSAR Subarra 44.36 323 P	Pn		07 36 37.8 -0.2	
comp=E,2.4nm,0.7s,mb3.7,baz=91,slow=7.9					
NOA	NORSAR Array B 44.36 323 P	Pn		07 36 37.8 -0.2	
comp=E,2.0nm,0.7s,mb3.9,baz=94,slow=7.7,SNR=7.9					
TORD	Tordi Ar. Bea 66.42 269 P	Pn		07 39 14.4 -1.3	
comp=E,2.0nm,0.6s,mb3.6,baz=54,slow=5.7,SNR=6.7					
YKA	Yellowknife Arr 80.66 3 P	Pn		07 40 38.8 -0.1	
comp=E,0.8nm,0.9s,mb3.4,baz=350,slow=5.4,SNR=5.2					
YKA	Yellowknife Arr 80.66 3 P	Pn		07 40 38.8 -0.1	
comp=E,0.8nm,0.9s,mb3.4,baz=350,slow=5.4,SNR=5.2					
WRA	Warramunga Arr 81.70 123 P	Pn		07 40 44.2 -0.2	
comp=E,2.4nm,0.9s,mb3.0,baz=325,slow=5.1,SNR=6.4					
LPAZ	La Paz 139.09 289 PKP	PKP		07 47 53.0 +1.4	
comp=E,1.9nm,0.8s,baz=274,slow=3.8,SNR=7.9					

NIED 04:07:40.00,4650N;15370E,h23km,Mw4.8 Best double couple: Mb1.840000;1019;NP1;h70.00000;870.00000;1.123.00000; NP2;h189.00000;838.00000;1.34.00000; BJI 04:07:40:53.6,4686N;15394E,h23km,mb5.0,mb4.9,Ms4.6,Ms4.3
 IDC 04:07:40:54.1±0.5,4656N;15349E,h0km,mb4.9/28,mb1.5/29,mb1mx5.0/31,mbmp4.9/29,ML4.0/1,MS4.2/19,Ms1.4/2,19,ms1mx4.0/32,Error ellipse: s-maj=15.4km s-min=13.6km az=132.0
 NEIC 04:07:40:56.0±0.1,4655N;15350E,h10km,mb5.2/136,Error ellipse: s-maj=4.2km s-min=2.4km az=171.0
 SKHL 04:07:40:56.2±0.6,4650N;15390E,h50km,18km,mb5.5/6,mbh6.6/1,mbv6.3/1,ms4.8/3,msn5.3/1
 JMA 04:07:40:56.6±0.9,4650N;15371E,h30km,Ms4.4
 GCMT 04:07:40:56.0±0.3,4636N;15368E,h18km,1km,MW4.9/63, Moment Tensor Solution: s24,c31; s63,c92; Duration: 0 Moment tensor: Scale 10¹⁶Nm; Mr1.92±.16; Mw-1.41±.10; Ms-0.51±.11; Mv1.53±.24; Mb-1.58±.06; Mo-0.25±.23; Best double couple: M2,804000×10¹⁶ NP1;h206.00000;839.00000;1.45.00000; NP2; h78.00000;863.00000;1.120.00000; Principal axes: T 2.7450,Plg60.0000°,Az33.0000°; N 0.1110,Plg26.0000°,Az244.0000°; T -2.8630,Plg14.0000°,Az147.0000°; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.
 ISCJB 04:07:40:57.9±0.1,4638N;15357E,0.02,h40km,mb5.1/202,MS4.4/47 Error ellipse: s-maj=4.3km s-min=1.7km az=152.4
 MOS 04:07:40:57.3±1.0,4650N;15352E,h31km,mb5.3/97,MS4.4/30,Error ellipse: s-maj=6.9km s-min=4.3km az=97.7
 SZGRF 04:07:40:58.1,4650N;15250E,h33km,mb5.2,MS4.4,Kuril Islands, Russia
 ISC 04:07:41:00.2±0.1,4651N;15350E;0.02,h42km,h42km,5km;pP-P,n815,σ086/833,mb5.1/202,MS4.4/47,160C-93D,Kuril Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
KUR	Kuril'sk	4.13 254	eP	Pn	07 41 57.8 -3.0
KUR	3um,1.6s		AMB	AMB	07 42 08.4
KUR	300nm,0.6s		AMB	AMB	07 42 10.0
KUR	230nm,0.6s		AMB	AMB	07 42 10.0
KUR	620nm,0.6s		AMB	AMB	07 42 10.0
KUR			sP	A	07 42 18.0
KUR			eS	Sn	07 42 46.0 -1.9
KUR			A	A	07 43 06.3
KUR			A	A	07 43 08.0
KUR			A	A	07 43 08.0
KUR			AMS	AMS	07 43 33.0

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KUR	8um,16.0s	AMS	AMS	07 43 33.0	
KUR	5um,16.0s	AMS	AMS	07 43 33.0	
SKR	Severo-Kuril's	4.52 22 eP	Pn	07 42 01.2 -4.9	
SKR	2um,2.0s	AMB	AMB	07 42 01.0	
SKR	140nm,0.5s	AMB	AMB	07 42 05.5	
SKR	900nm,1.0s	AMB	AMB	07 42 05.5	
SKR	2um,1.0s	AMB	AMB	07 42 05.5	
SKR		eS	Sn	07 42 48.0 -9.4	
SKR		A	A	07 43 02.0	
SKR	2um,6.0s	A	A	07 43 02.0	
SKR	6um,8.0s	A	A	07 43 02.0	
SKR	3um,8.0s	A	A	07 43 02.0	
SKR	6um,8.0s	A	A	07 43 02.0	
SKR	290nm,0.5s	A	A	07 43 21.9	
SKR	200m,0.9s	A	A	07 43 21.9	
SKR	980nm,0.7s	A	A	07 43 21.9	
SKR		AMS	AMS	07 43 42.0	
SKR	4um,14.0s	AMS	AMS	07 43 42.0	
SKR	8um,14.0s	AMS	AMS	07 43 42.0	
SKR	5um,14.0s	AMS	AMS	07 43 42.0	
SKR	4um,14.0s	AMS	AMS	07 43 42.0	
SKR	9um,14.0s	AMS	AMS	07 43 42.0	
SKR	5um,14.0s	AMS	AMS	07 43 42.0	
SKR	Severo-Kuril's	4.52 22 eP	Pn	07 42 01.2 -4.9	
SKR	comp=E,900nm,1.0s				
SKR	comp=E,2um,2.0s				
SKR	comp=E,2um,1.0s				
SKR	comp=N,140nm,0.5s				
SKR	comp=N,4um,14.0s				
SKR	comp=E,8um,14.0s				
SKR	comp=Z,5um,14.0s				
YUK	Yuzh-Kuril'sk	5.93 248 eP	Pn	07 42 26.6 +1.1	
YUK	comp=Z,460nm,0.4s				
YUK	comp=Z,180nm,0.5s				
YUK	comp=Z,2um,1.0s				
YUK	comp=Z,2um,1.0s				
YUK	comp=Z,3um,2.0s				
YUK	comp=Z,2um,2.0s				
YUK	comp=Z,6um,1.0s				
YUK	comp=Z,5um,1.0s				
YUK	comp=Z,2um,0.6s				
YUK	comp=Z,2um,0.8s				
YUK	comp=Z,460nm,0.4s				
YUK	comp=N,180nm,0.5s				
YUK	comp=Z,2um,1.0s				
YUK	comp=N,3um,2.0s				
YUK	comp=N,2um,2.0s				
NEM2	Nemuro 2	6.34 243 P	Pn	07 42 28.6 -2.5	
NEM2	JRA	6.45 249 eS	Sn	07 43 38.3 -3.9	
JRA	Rausu	6.45 249 eS	Sn	07 43 38.3 -3.9	
JNK	Nakash	6.87 248 P	Pn	07 42 39.2 +0.8	
JNK	Akheshi	7.18 244 P	Pn	07 42 40.1 -2.6	
JAK	JAK	7.23 253 P	Pn	07 43 56.2 -6.7	
JTKR	Abashiri-Toko	7.32 251 P	Pn	07 42 40.4 -4.2	
PET	Petropavlovsk	7.32 251 P	Pn	07 42 40.4 -4.2	
PET	comp=Z,200nm,9.7s				
PET	comp=Z,500nm,7.6s				
PET	comp=Z,1um,16.0s				
PET	Petropavlovsk	7.32 251 eP	Pn	07 42 41.4 -3.2	
YSS	Yuzh-Sakhalin	7.40 277 eP	Pn	07 42 48.9 +3.2	
YSS	comp=Z,40nm,1.0s				
YSS	comp=Z,140nm,0.9s				
YSS	comp=Z,800nm,16.0s				
YSS	comp=Z,2um,17.0s				
YSS	comp=Z,1um,17.0s				
YSS	Yuzh-Sakhalin	7.40 277 eP	Pn	07 42 49.0 +3.5	
YSS	Maruseppu	7.58 254 eS	Sn	07 44 07.3 -0.9	
JAR	Ashorobuto	7.62 249 P	Pn	07 42 48.3 +1.1	
JAR	Onbets	7.77 246 P	Pn	07 42 49.0 +0.8	
JOB	JOB	7.79 262 P	Pn	07 44 15.2 -2.2	
JSE	Soyas	8.04 255 P	Pn	07 42 53.7 +2.7	
ASAJ	Asahikawa	8.05 257 P	Pn	07	

BOD	comp=Z,230nm,14.0s,MS3.8	Bodaibo	26.34 310	P	P	07 46 29.6	-2.6
BOD	comp=Z,19nm,1.3s,mb4.5	Beijing	27.74 270	P	P	07 46 46.5	+1.7
BJI	comp=Z,13nm,0.8s,mb4.6			S	AMB	07 51 33.3	+8.9
BJI	comp=N,692nm,18.3s,MS4.3			LR	LR		
BJI	comp=E,329nm,17.6s,MS4.3			LR	LR		
BJI	comp=Z,450nm,18.7s,MS4.1	Beijing	27.74 270	P	P	07 46 46.5	+1.7
BJI	comp=Z,13nm,0.8s,mb4.6			S	LR	07 51 33.3	+8.9
BJI	comp=Z,450nm,18.7s,MS4.1	Sheshan	29.26 250	P	P	07 46 58.0	-0.3
SSE	comp=Z,18nm,0.8s,mb4.8			S	AMB	07 51 48.9	+0.6
SSE	comp=Z,102nm,6.5s			AMB	AMB		
SSE	comp=N,165nm,23.1s,MS3.8			LR	LR		
SSE	comp=E,228nm,23.1s,MS3.8			LR	LR		
SSE	comp=Z,252nm,19.7s,MS3.8	Sheshan	29.26 250	P	P	07 46 58.0	-0.3
SSE	comp=Z,18nm,0.8s,mb4.8			sP	sP	07 47 02.1	-1.2
SSE				S	S	07 51 48.9	+0.6
SSE				sS	sS	07 51 54.0	-1.3
SSE				LR	LR		
NJ2	comp=Z,250nm,19.7s,MS3.8	Nanjing	30.18 254	eP	P	07 47 05.5	-1.0
NJ2				AP	pP	07 47 14.6	-3.2
NJ2				XP	pP	07 47 19.4	-3.3
NJ2				PP	PP	07 48 04.8	-1.0
NJ2				S	S	07 52 01.0	-1.8
NJ2				XS	sS	07 52 16.0	-5.7
NJ2	comp=Z,30nm,0.5s,mb5.3			AMB	AMB		
NJ2	comp=Z,880nm,5.0s			AMB	AMB		
NJ2	comp=N,700nm,16.6s,MS4.6			LR	LR		
NJ2	comp=Z,398nm,14.7s,MS4.2			LR	LR		
HHC	comp=Z,700nm,14.8s,MS4.6	Hu-ho-hao-te	30.07 275	eP	P	07 47 10.0	+0.1
HHC				AP	pP	07 47 14.9	-6.3
HHC				XP	sP	07 47 17.1	-9.1
HHC				PP	PP	07 48 07.3	-1.2
HHC				PCP	pP	07 50 08.5	+0.7
HHC				S	S	07 52 09.1	+0.2
HHC				PcS	PcS	07 53 53.7	+2.1
HHC				SCS	ScS	07 57 44.5	+1.2
HHC				AMB	AMB		
HHC	comp=Z,38nm,0.9s,mb5.2			LR	LR		
HHC	comp=N,207nm,12.9s,MS4.4			LR	LR		
HHC	comp=E,504nm,13.9s,MS4.4			LR	LR		
HHC	comp=Z,398nm,14.7s,MS4.2	Songino Array	31.66 290	P	P	07 47 17.9	-1.6
SONM	comp=Z,2.5nm,0.8s,mb4.1,baz=75,slow=8.6,SNR=4.6			PcP	PcP	07 50 11.3	+0.6
SONM	comp=Z,2.0nm,0.7s,baz=98,slow=2.2,SNR=4.9			LR	LR	08 01 23.5	
SONM	comp=Z,436nm,18.5s,MS4.2,baz=242,slow=39	Songino Array	31.66 290	P	P	07 47 17.9	-1.6
SONM				pmax	pmax	07 50 11.3	
SONM	comp=Z,30nm,0.8s			MLR	MLR		
TLY	comp=Z,436nm,18.5s	Talaya	32.52 298	P	P	07 47 26.0	-1.1
TLY	comp=Z,53nm,0.9s,mb5.1,baz=5,SNR=5.5			P	P	07 47 26.4	-0.7
TLY	SNR=6.0			eP	P	07 47 25.4	-1.7
TLY				ePPP	pmax	07 48 39.3	
TLY	comp=Z,15nm,1.2s,mb4.8			MLR	MLR		
TLY	comp=Z,653nm,15.0s,MS4.5			eP	P	07 47 26.1	-0.9
ZAK	comp=Z,5.6nm,0.7s,mb4.6	Zakamensk	33.02 295	iP	P	07 47 30.1	-1.3
ZAK				P	P	07 50 13.7	
GUMO	Guam	33.61 195	LR	LR	07 58 36.0		
KDAK	comp=Z,349nm,20.5s,MS4.1,baz=22,slow=32	Kodiak Island	34.05 31	P	P	07 47 38.3	-2.0
KDAK	comp=Z,369nm,0.8s,SNR=5.3			P	P	07 47 38.8	-1.5
KDAK	Kodiak Island	34.05 31	P	P	07 47 41.9	+0.9	
WHN	comp=Z,46nm,0.8s,mb5.5,baz=292,slow=4.0,SNR=15	Wuhan	34.13 256	P	P	07 47 53.3	-0.3
PMR	Palmer	35.59 44	eP	P	07 47 53.3	-0.4	
PMR	comp=Z,30nm,1.0s,mb5.2			eP	P	07 47 56.0	+0.9
PMR	comp=Z,30nm,1.1s,mb5.1	Xi'an	35.76 266	P	P	07 47 59.9	-6.6
XAN				AP	pP	07 47 58.2	-0.3
XAN				AMB	AMB	07 47 58.1	-0.4
COLA	College	36.16 38	iP	P	07 47 58.2	-0.3	
COLA	College	36.16 38	eP	P	07 47 58.1	-0.4	
LZH	comp=Z,42nm,1.1s,mb5.1	Lanzhou	38.16 272	iP	P	07 48 16.8	+1.3
LZH				AP	pP	07 48 20.1	-6.9
LZH				PP	PP	07 49 26.7	+3.5
LZH				eS	S	07 54 08.4	+2.5
LZH				SS	SS	07 54 14.9	-1.0
LZH	comp=Z,74nm,1.3s,mb5.3			AMB	AMB	07 56 44.6	-1.0
LZH	comp=Z,257nm,5.2s			LR	LR		
LZH	comp=N,1µm,13.9s			LR	LR		
LZH	comp=Z,2µm,15.2s,MS5.1	Lanzhou	38.16 272	iP	P	07 48 16.8	+1.3
LZH				*SP	sP	07 48 21.5	-1.0
LZH				S	S	07 49 46.7	+3.5
LZH				eS	S	07 54 08.4	+2.5
LZH				SS	SS	07 54 14.9	-1.0
LZH				pmax	pmax	07 56 44.6	-1.0
LZH	comp=Z,74nm,1.3s,mb5.3			MLR	MLR		
LZH	comp=Z,2µm,15.2s,MS5.1	Lanzhou	38.16 272	iP	P	07 48 16.8	+1.3
LZH	comp=Z,74nm,1.3s,mb5.3			pP	pP	07 48 20.1	-6.9
LZH				sP	sP	07 48 21.5	-1.0
LZH				eP	P	07 49 46.7	+3.5
LZH				eS	S	07 54 08.4	+2.5
LZH				sS	sS	07 54 14.9	-1.0
LZH				SS	SS	07 56 44.6	-1.0
LZH				LR	LR		
EGAK	Eagle	39.02 38	eP	P	07 48 21.6	-1.2	
GTA	Gaotai	39.27 280	eP	P	07 48 26.2	+1.4	
GTA				pP	pP	07 48 30.3	-6.0
GTA				XP	pP	07 48 33.5	-7.7
GTA				PP	PP	07 50 01.7	+6.4
GTA				PCP	PcP	07 50 34.8	+1.9
GTA				S	S	07 54 25.9	+3.3
GTA				SS	SS	07 57 10.6	-6.4
GTA	comp=Z,17nm,1.3s,mb4.6			AMB	AMB		
GTA	comp=Z,103nm,4.2s			LR	LR		
GTA	comp=N,389nm,17.9s,MS4.4			LR	LR		
GTA	comp=E,184nm,14.4s,MS4.4			LR	LR		
GTA	comp=Z,378nm,16.0s,MS4.3	Dawson	39.86 39	eP	P	07 48 29.6	-0.1
CD2	Chengdu	41.12 266	eP	P	07 48 38.7	-1.5	

CD2	CD2	PCP	PcP	07 50 39.3	+0.3		
CD2	CD2	S	S	07 54 50.3	0.0		
CD2	CD2	SCS	ScS	07 58 40.9	-0.1		
CD2	CD2	AMB	AMB				
CD2	comp=Z,10.0nm,0.7s,mb4.5	AMB	AMB				
CD2	comp=Z,30nm,5.3s	LR	LR				
CD2	comp=E,190nm,14.0s	LR	LR				
CD2	comp=Z,170nm,13.2s,MS4.1	LR	LR				
INK	Inuvik	41.71 32	P	07 48 44.9	-0.1		
INK	comp=Z,13nm,0.9s,mb4.5,baz=286,slow=6.8,SNR=14			P	P	07 48 44.9	-0.1
INK	Inuvik	41.71 32	P	07 48 44.9	-0.1		
INK	comp=Z,13nm,0.9s			pmax	pmax		
INK	Inuvik	41.71 32	eP	07 48 44.9	-0.1		
INK	comp=Z,274nm,0.6s,mb6.1			iP	P	07 48 47.2	+0.5
GYA	Guiyang	41.92 258	iP	07 48 51.7	-6.6		
GYA				AP	pP	07 48 54.8	-8.4
GYA				XP	sP	07 50 27.9	+3.7
GYA				PP	PP	07 54 31.5	+2.9
GYA				SCS	ScS	07 55 05.4	+3.3
GYA				S	S	07 58 47.2	+1.3
GYA	comp=Z,40nm,1.0s,mb5.0	AMB	AMB				
GYA	comp=Z,130nm,4.8s	LR	LR				
GYA	comp=N,820nm,17.6s,MS4.8	LR	LR				
GYA	comp=E,680nm,17.0s,MS4.8	LR	LR				
GYA	comp=Z,940nm,16.8s,MS4.7			P	P	07 48 54.0	-1.3
ZAL	Zalesovo	42.98 306	P	07 48 54.0	-1.3		
ZAL	comp=Z,2.8nm,0.5s,mb4.2,baz=48,slow=6.1,SNR=12			LR	LR	08 07 43.5	
ZAL	Zalesovo	42.98 306	P	07 48 54.0	-1.3		
ZAL	comp=Z,3.0nm,0.5s			pmax	pmax		
ZAL	comp=Z,329nm,19.6s,MS4.2,baz=42,slow=38			MLR	MLR		
NVS	Novosibirsk	43.54 308	eP	07 48 58.2	-1.6		
NVS				eP	P	07 50 45.5	
NVS	comp=Z,17nm,1.5s,mb4.5			pmax	pmax		
NVS	comp=N,10.0nm,1.2s			pmax	pmax		
NVS	comp=E,21nm,1.8s			pmax	pmax		
QIZ	Qiongzong	45.00 247	P	07 49 12.6	+1.1		
QIZ				S	S	07 55 49.6	+2.5
QIZ				LR	LR		
QIZ	comp=E,353nm,16.4s	LR	LR				
QIZ	comp=Z,593nm,17.1s,MS4.6			LR	LR		
WRAK	Wrangell Island	45.09 49	eP	07 49 13.4	+1.3		
WMQ	Urumqi	45.26 292	P	07 49 13.3	-0.2		
WMQ				AP	pP	07 49 17.5	-7.7
WMQ				XP	sP	07 49 20.0	-1.0
WMQ				PCP	PcP	07 50 55.0	+2.1
WMQ				PPP	PP	07 51 41.0	-0.8
WMQ				PcS	PcS	07 54 46.0	-0.8
WMQ				S	S	07 55 52.0	+1.1
WMQ				SCS	ScS	07 59 08.0	+1.2
WMQ	comp=Z,14nm,1.0s,mb4.8	AMB	AMB				
WMQ	comp=Z,186nm,4.6s	AMB	AMB				
WMQ	comp=N,2µm,15.8s,MS5.1	LR	LR				
WMQ	comp=E,858nm,15.8s,MS5.1	LR	LR				
WMQ	comp=Z,1µm,16.8s,MS5.0			LR	LR		
KMI	Kunming	45.46 260	P	07 49 16.4	+1.3		
KMI				AP	pP	07 49 20.6	-6.2
KMI				XP	sP	07 49 22.5	-9.2
KMI				PPP	PP	07 51 42.9	-0.9
KMI				S	S	07 55 55.5	+1.7
KMI				SSS	SSS	07 59 14.6	-3.3
KMI				AMB	AMB	08 00 09.2	
KMI	comp=Z,15nm,1.2s,mb4.7			AMB	AMB		
KMI	comp=Z,133nm,3.7s	LR	LR				
KMI	comp=N,397nm,16.9s,MS4.5	LR	LR				
KMI	comp=E,316nm,16.2s,MS4.5	LR	LR				
KMI	comp=Z,292nm,16.9s,MS4.3			LR	LR		
KMI	Kunming	45.46 260	P	07 49 16.4	+1.3		
KMI				*SP	sP	07 49 22.5	-9.2
KMI				PPP	PP	07 55 55.5	+1.7
KMI				S	S	07 59 14.6	-3.3
KMI				SSS	SSS	08 00 09.2	
KMI	comp=Z,15nm,1.2s,mb4.7			pmax	pmax		
KMI	comp=Z,290nm,16.9s,MS4.3			MLR	MLR		
KMI	Kunming	45.46 260	P	07 49 16.4	+1.3		
KMI	comp=Z,15nm,1.2s,mb4.7			pP	pP	07 49 20.6	-6.2
KMI				gP	sP	07 49 22.5	-9.2
KMI				PPP	PP	07 51 42.9	-0.9
KMI				S	S	07 55 55.5	+1.7
KMI				SSS	SSS	07 59 14.6	-3.3
KMI				LR	LR	08 00 09.2	
KMI	comp=Z,290nm,16.9s,MS4.3			P	P	07 49 31.6	-1.2
KURK	Kurchatov	47.72 304	P	07 49 31.6	-1.2		
KURK	comp=Z,211nm,0.7s,SNR=7.9			P	P	07 49 49.0	-1.0
ALE	Alert	49.95 6	P	07 49 56.3	+1.8		
ALE	comp=Z,172nm,0.9s,mb5.1,SNR=13			P	P	07 49 56.3	+1.8
LSA	Lhasa	50.55 274	P	07 49 56.3	+1.8		
YKA	Yellowknife Ar	50.92 37	eP	07 49 56.3	+1.8		
YKA	Yellowknife Ar	50.96 37	P	07 49 57.1	-0.4		

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like Y13A Salome, W15A Williams, X14A Yava, etc.

2006 OCT

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like SCHO Schefferville, SCIA Caldera, CLDR State Center, etc.

4d 7h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like UBBA Unterbreizbach, BUD Budapest, SZD Bratislava, etc.

Table with columns for station name, coordinates, and status. Includes stations like Vitosha, WLS, CDF, Sankt Quirin, Waverly, etc.

Table with columns for station name, coordinates, and status. Includes stations like SMF, Signal de Mont, Blacksburg, Quistinic, etc.

Table with columns for station name, coordinates, and status. Includes stations like VNA3, PSI, KULUM, etc. Includes NEIC and ISCJB data blocks.

4d 8h

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Table with columns for station code, name, coordinates, elevation, and various performance metrics (e.g., Smax, MLR, P, Pmax).

Table with columns for station code, name, coordinates, elevation, and various performance metrics (e.g., P, Pmax, Smax, MLR).

Table with columns for station code, name, coordinates, elevation, and various performance metrics (e.g., P, Pmax, Smax, MLR).

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like SDCO, Z14A, SCHO, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like OXF, PRU, NIKC, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like ORIF, MBDF, RLF, etc.

ISCJB 04 08:40:11.7,6.0, 38N,06.1268E,06,h33km,mb4,0/4, Error ellipse: s-maj=97.2km s-min=81.6km az=64.3

NEIC 04 08:40:13.3,4.9, 383N,12677E,h35km,mb4,3/3, Error ellipse: s-maj=76.0km s-min=69.7km az=138.0

IDC 04 08:40:22.1,8.7, 246N,12760E,h0km,mb4,0/4,mb1 4,3/4, mb1mx3,9/15,mbtmp4,1/4, Error ellipse: s-maj=139.3km s-min=97.6km az=143.0

ISC 04 08:40:14.4,5.9, 38N,06.1269E,06,h35km,n9,-059,9S, mb4,0/4, Talaud Islands

4d 13h

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CCIG Comitan, CNCH Conchagua, SCX San Cristobal, etc.

IDC 04 13:28:43.2±8.5, 332N-12705E, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.7/17, mbtmp3.8/4, Error ellipse: s-maj=140.9km s-min=96.2km az=142.0, Talaud Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, WB2 Warramunga Arr, etc.

MOS 04 13:33:37.3±0.9, 109N-9749E, h44km, mb5.4/52, MS4.7/15, Error ellipse: s-maj=7.6km s-min=4.7km az=113.0

BUI 04 13:33:37.7, 103N-9757E, h53km, mb5.3, mb5.4, Ms5.1, Msz5.0

ISCJB 04 13:33:38.1±0.2, 109N-9751E, h51km, mb5.2/143, MS4.7/53, Error ellipse: s-maj=4.0km s-min=3.6km az=71.8

NEIC 04 13:33:39.5±1.0, 107N-9747E, mb5.1/81, Error ellipse: s-maj=3.9km s-min=3.1km az=211.0

NEIC Felt (IV) at Gunungsitoli, Felt (III) at Sibolga, Sumatra. GCMT 04 13:33:39.5±1.0, 115N-9761E, h37km, 1km, MW5.0/46, Moment Tensor Solution. s39,c59; s46,c64; Duration: 0 Moment tensor: Scale 10^10Nm; Mr2.66±.22; Mw-0.42±.25; Best double couple: M3.82100x10^16 Np1.325.00000°, s37.00000°, 120.00000°. NP2: 0±110.00000°, 659.00000°, 170.00000°. Principal axes: T 3, 1090, P169.00000°, Azm336.00000°, N 1, 4200, P17.00000°, Azm121.00000°, P -4.5340, P1g11.00000°, Azm214.00000°. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

IDC 04 13:33:40.1±1.9, 106N-9751E, h56km, mb4.6/23, mb1 4.6/24, mb1mx4.6/26, mbtmp4.8/24, ML4.1/1, MS4.5/18, Ms1 4.5/18, ms1mx4.4/30, Error ellipse: s-maj=14.7km s-min=9.0km az=41.0

SZGRF 04 13:33:45.0, 158N-9686E, h33km, mb5.2, MS4.3, Off west coast of northern Sumatra, Indonesia

ISC 04 13:33:40.2±0.2, 109N-9751E, h53km, h53km±1.1km, pP-P, n378, c08/392, mb5.2/143, MS4.7/53, 58C-18D, Northern Sumatra

Main table for 4d 13h section, listing station data for various stations like PSI Prapat, TSI Tuntungan, PPI Padang Panjang, etc.

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Main table for 2006 OCT section, listing station data for various stations like KMI KMI, HYB Hyderabad, DGAR Diego Garcia, etc.

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Main table for 166 section, listing station data for various stations like LZH Lanzhou, NANJING Nanjing, KAKA Kakadu, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TOR, ASAR, WRA, FITZ.

IDC 04 15:35:29.71.8, 4657N:15369E, h0km, mb3.9/4, mb1 4.0/5, mb1mx3.6/20, mbtmp3.9/5, ML3.2/1, Error ellipse: s-maj=52.6km s-min=30.3km az=93.0

ISCJB 04 15:35:31.7.3.7, 4671N:02.1536E:03, h26km,27km, mb3.8/4, Error ellipse: s-maj=41.2km s-min=11.4km az=82.0

NEIC 04 15:35:32.1.1.4, 4658N:15359E, h10km, Error ellipse: s-maj=40.8km s-min=15.6km az=127.0

MOS 04 15:35:32.9.0.6, 4668N:15350E, h33km, mb4.2/3, Error ellipse: s-maj=33.9km s-min=17.1km az=65.8

ISC 04 15:35:35.2.1.8, 4671N:02.1536E:03, h36km,14km,n13, $\alpha=90^{\circ}14', mb3.8/4, Kuril Islands$

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include SKR, PET, ASJ, ERM, MKAR, MKAR, MKAR, FINES, FINES, NB2, NOA, NOA, NOA, ASAR.

ISCJB 04 15:38:24.1.1.2, 249N:01.1227E:01, h10km, mb3.6/5, MS3.3/4, Error ellipse: s-maj=17.7km s-min=14.1km az=95.4

IDC 04 15:38:24.6.2.2, 2477N:12255E, h0km, mb3.7/5, mb1 3.8/5, mb1mx3.6/20, mbtmp3.7/5, MS3.3/4, Ms1 3.4/4, ms1mx2.9/30, Error ellipse: s-maj=163.4km s-min=25.2km az=64.0

NEIC 04 15:38:26.1.0.8, 2480N:12256E, h10km, Error ellipse: s-maj=12.2km s-min=9.6km az=145.0

ISC 04 15:38:26.2.1.1, 2481N:01.1226E:01, h10km, n11, $\alpha=92^{\circ}29', mb3.5/5, MS3.3/4, Taiwan region$

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TATO, NACB, YHNC, ASAJ, SONM, SONM, MKAR, ZAL, ZAL, WRA, BVAR, NOA.

CASC 04 15:57:21.3.5.5, 1550N.9002W, h0km,53km, MD3.8, 1C, Guatemala

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TP2, RBDL, RBDL, SBL, SBL, BOQS, BOQS, SNVI, SNVI.

IDC 04 16:01:37.2.5.4, 696N-7306W, h10km,65km, mb1 3.3/2, mb1mx3.0/21, mbtmp3.8/2, Error ellipse: s-maj=503.7km s-min=15.2km az=133.0, Northern Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ROSC, ROSC, SDV, SDV, ASAR, ASAR, WRA, WRA.

NEIC 04 16:06:41.5.3946N.12311W, h5km, MD3.0(NCEDC), 1C, After NCEDC. Near coast of northern California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KIPM, HOPS, WDC, WDC, OHCM, OHCM, MCCM, KHMM, KRMB, YBH, YBH, CMB, PAHR, WYOR.

ISK 04 16:43:33.8, 3592N:3584E, h17km, MD3.6

CSEM 04 16:43:34.0.1, 3601N:3581E, h15km, MD3.6, Error ellipse: s-maj=1.8km s-min=1.4km az=155.0

ISCJB 04 16:43:35.2.0.8, 3601N:003:3581E:04, h1km,6km, Error ellipse: s-maj=5.3km s-min=4.4km az=160.2

GRAL 04 16:43:35.0.4.5, 3609N:3577E, h0km,38km, MD3.7

ISC 04 16:43:35.6.0.8, 3602N.003:3582E:005, h10km,6km, n22, $\alpha=88^{\circ}31', Turkey$

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include HTY, COBT, KRTS, CEYT, MEVTS, MERSIN, KARASALI, KOZAN, MOST, MEST, GAZ, KMR5, HWQ, HWQ, IKL, FKH, FKH, GZT, BHL, BHL, ERMK, ERMK, RCHY, URFA, HDMA, MYA, KONTA, PTK.

IDC 04 17:00:29.2.0.8, 1102S:16367E, h0km, mb4.4/1, mb1 4.5/13, mb1mx4.5/17, mbtmp4.5/13, ML4.8/2, MS3.8/9, Ms1 3.8/9, ms1mx3.6/21, Error ellipse: s-maj=20.4km s-min=19.4km az=19.0

NEIC 04 17:00:31.9.7.5, 1095S:16364E, h19km,47km, mb4.5/5, Error ellipse: s-maj=21.6km s-min=15.4km az=207.0

BUL 04 17:00:31.9, 1090S:16360E, h19km, mb4.5

ISCJB 04 17:00:32.6.0.6, 1115S:007:16365E:007, h33km, mb4.3/14, MS3.8/9, Error ellipse: s-maj=11.2km s-min=9.8km az=87.6

ISC 04 17:00:34.6.0.6, 1108S.006:16368E:007, h35km, n30, $\alpha=152^{\circ}28', mb4.3/14, MS3.8/9, 1D, Bougainville - Solomon Islands region$

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include HNR, HNR, HNR, DZM, DZM, CTA, CTA, AFI, AFI, STKA, STKA, STKA, WB2, WRA, URZ, KAKA, GUMO, AS31, ASAR, ASAR, FITZ, FITZ, PPT, PPT, PPT, ASAJ, ASAJ, RKT, VONDA, SONM, GTA, GTA, GTA, GSPA, MAW, MAW, MKAR, MKAR, MKAR, MKAR.

CSEM 04 17:23:57.9, 6786N:2018E, h1km, ML2.6, Suspected Mining explosion. After UPP

UPP 04 17:23:57.9, 6786N:2018E, h1km, ML2.6, Suspected Mining explosion. Sweden

HEL 04 17:23:58.0.1, 6786N:2018E, h0km, ML2.6(UPP), Suspected explosion. Sweden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KUA, KUA, NIKU, NIKU, NIKU, LANU, LANU, KIF, KIF, SGF, ZUR, IPEC, ISCJB, MOS, LDG, ROM, NEIC, CSEM, PDG, PRU, SZGRF, IDC, MS1, MS2, MS3, MS4, MS5, MS6, MS7, MS8, MS9, MS10, MS11, MS12, MS13, MS14, MS15, MS16, MS17, MS18, MS19, MS20, MS21, MS22, MS23, MS24, MS25, MS26, MS27, MS28, MS29, MS30, MS31, MS32, MS33, MS34, MS35, MS36, MS37, MS38, MS39, MS40, MS41, MS42, MS43, MS44, MS45, MS46, MS47, MS48, MS49, MS50, MS51, MS52, MS53, MS54, MS55, MS56, MS57, MS58, MS59, MS60, MS61, MS62, MS63, MS64, MS65, MS66, MS67, MS68, MS69, MS70, MS71, MS72, MS73, MS74, MS75, MS76, MS77, MS78, MS79, MS80, MS81, MS82, MS83, MS84, MS85, MS86, MS87, MS88, MS89, MS90, MS91, MS92, MS93, MS94, MS95, MS96, MS97, MS98, MS99, MS100.

ISC 04 17:34:20.5.0.1, 4207N:1575E, h37km,1km, M4.2/69, Error ellipse: s-maj=2.4km s-min=1.7km az=22.0

NEIC 04 17:34:20.5, 4207N:1575E, h37km, ML4.2(PDG), ML4.2(ROM), ML4.5(LDG), ML4.9(THE), After ROM

CSEM 04 17:34:20.1.0, 4211N:1572E, h40km, ML4.6/27, Error ellipse: s-maj=1.1km s-min=0.7km az=59.0

PDG 04 17:34:20.1.1, 4213N:1572E, h45km,11km

PRU 04 17:34:22.8, 4258N:1542E, h0km

SZGRF 04 17:34:22.3, 4243N:1562E, h10km, Adriatic Sea

IDC 04 17:34:22.7.1.3, 4236N:1553E, h4km,20km, mb3.4/4, mb1 3.6/13, mb1mx3.6/25, mbtmp3.7/13, ML4.0/11, MS2.9/6, Ms1 2.9/6, ms1mx2.8/7, Error ellipse: s-maj=20.9km s-min=10.2km az=87.0

THE 04 17:34:24.0, 4179N:1618E, h20km, ML4.6

STR 04 17:34:31.8.0.8, 4290N:1502E, h40km,1km, M4.5, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 04 17:34:20.5.0.1, 4214N:001:1572E:001, h45km,5km, n470, $\alpha=20^{\circ}63', mb4.1/9, 36C-71D, Adriatic Sea$

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include SGRT, MSAG, FGMS, MS1, RGNG, FG2, CIGN, FRES, FG5, TRIV, FG4, BSSO, SGTA, SACR, CDT, CDT, PDB1, PDB1, CAFE, CAFE, VULT, MIDA, PALZ, RN12, SGG, SNAL, VAGA, BAI, BAI, INTR, CERA.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CTA, STKA, CHTO, SONM, CASY, MKAR, ZAL, ZAL, BVAR, BVAR, VVND, VVND, MAW, CPUP, CPUP.

IDC 04 17:18:59.1.3.0, 359N:12925E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.5/17, mbtmp3.7/4, Error ellipse: s-maj=105.9km s-min=52.5km az=87.0

ISCJB 04 17:18:59.1.6, 190E:02:1301E:05, h33km, mb3.6/3, Error ellipse: s-maj=78.0km s-min=12.5km az=139.2

ISC 04 17:18:20.7.1.6, 20N:02:1302E:05, h35km, n6, $\alpha=141^{\circ}6', mb3.6/3, Irian Jaya region$

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BOLP, ABRA, FITZ, WRA, ASAR, ASAR, STKA.

CSEM 04 17:23:57.9, 6786N:2018E, h1km, ML2.6, Suspected Mining explosion. After UPP

UPP 04 17:23:57.9, 6786N:2018E, h1km, ML2.6, Suspected Mining explosion. Sweden

HEL 04 17:23:58.0.1, 6786N:2018E, h0km, ML2.6(UPP), Suspected explosion. Sweden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KUA, KUA, NIKU, NIKU, NIKU, LANU, LANU, KIF, KIF, SGF.

ZUR 04 17:34:14.8, 4170N:1590E, h100km

IPEC 04 17:34:18.6.59.0, 4209N:1572E, h15km,519km, ML3.2/2, Error ellipse: s-maj=1.9km s-min=1.0km az=46.0

ISCJB 04 17:34:18.8.0.1, 4220N:0009:1569E:01, h33km, mb4.1/9, Error ellipse: s-maj=1.4km s-min=1.2km az=108.3

MOS 04 17:34:19.0.1.2, 4219N:1557E, h33km, mb4.7/4, Error ellipse: s-maj=3.9km s-min=2.6km az=118.0

LDG 04 17:34:19.4.0.1, 4212N:1578E, h30km, M4.5/28, Error ellipse: s-maj=2.4km s-min=1.7km az=33.0

ROM 04 17:34:20.5.0.1, 4207N:1575E, h37km,1km, M4.2/69, Error ellipse: s-maj=2.4km s-min=1.7km az=22.0

NEIC 04 17:34:20.5, 4207N:1575E, h37km, ML4.2(PDG), ML4.2(ROM), ML4.5(LDG), ML4.9(THE), After ROM

CSEM 04 17:34:20.1.0, 4211N:1572E, h40km, ML4.6/27, Error ellipse: s-maj=1.1km s-min=0.7km az=59.0

PDG 04 17:34:20.1.1, 4213N:1572E, h45km,11km

PRU 04 17:34:22.8, 4258N:1542E, h0km

SZGRF 04 17:34:22.3, 4243N:1562E, h10km, Adriatic Sea

IDC 04 17:34:22.7.1.3, 4236N:1553E, h4km,20km, mb3.4/4, mb1 3.6/13, mb1mx3.6/25, mbtmp3.7/13, ML4.0/11, MS2.9/6, Ms1 2.9/6, ms1mx2.8/7, Error ellipse: s-maj=20.9km s-min=10.2km az=87.0

THE 04 17:34:24.0, 4179N:1618E, h20km, ML4.6

STR 04 17:34:31.8.0.8, 4290N:1502E, h40km,1km, M4.5, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 04 17:34:20.5.0.1, 4214N:001:1572E:001, h45km,5km, n470, $\alpha=20^{\circ}63', mb4.1/9, 36C-71D, Adriatic Sea$

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include SGRT, MSAG, FGMS, MS1, RGNG, FG2, CIGN, FRES, FG5, TRIV, FG4, BSSO, SGTA, SACR, CDT, CDT, PDB1, PDB1, CAFE, CAFE, VULT, MIDA, PALZ, RN12, SGG, SNAL, VAGA, BAI, BAI, INTR, CERA.

4d 18h

Table with columns: Station Name, Frequency, Band, SNR, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like LMR, ITM, MBDF, BNALP, etc.

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Table with columns: Station Name, Frequency, Band, SNR, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like GRF, LOMF, KOLS, etc.

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Table with columns: Station Name, Frequency, Band, SNR, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like GIVF, GIVF, BAIF, etc.

IDC 04 17:54:18.1:28.0, 4563N-15366E, h0km, mb4.0/3, mb1.4/1.3, mb1mx3.5/1.9, mbtmp4.0/3, Error ellipse: s-maj=675.3km s-min=268.1km az=142.0, East of Kuril Islands
Code Station Name Az AzZ Phase ID Time Res
FINESS FINESS Array B 65.21 335 P ISC h m s ISC
NOA NORARS Array B 69.41 342 P P 18 05 27.7 -0.1
AKASG Malin Array Be 72.69 327 P P 18 05 47.5 -0.2

Table with columns: WLF, SNR, P, Sg, Time, Az, El, etc. Includes stations like WLF, WLS, ECH, etc.

Table with columns: TPAW, YMR, AHID, etc. Includes stations like Teton Pass, Madison River, Auburn Hatcher, etc.

Table with columns: ALU, ALU, ALU, etc. Includes stations like Alushta, Konya-Tatoy, Konya-Tatoy, etc.

ellipse: s-maj=17.5km s-min=13.1km az=111.0, ISC 04 18:17:57.9.0.8, 60725.009, 263W.02, h10km, n32, a152/19, mb4.3/9, MS4.0/14, South Sandwich Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the 4d 19h event.

ISCJB 04 18:47:15.4.4.6, 364N.0.3, 709E.03, h186km, 39km, mb3.3/3, Error ellipse: s-maj=51.8km s-min=31.2km az=64.9

IDC 04 18:47:21.9.12.0, 3654N.71.17E, h230km, 117km, mb3.0/3, mb1.3/1.6, mb1mx2.8/23, mbtmp.3.6/6, Error ellipse: s-maj=81.9km s-min=30.5km az=35.0

ISC 04 18:47:16.0.4.6, 363N.03, 708E.03, h179km, 40km, n7, a152/8, mb3.3/3, 1C-1D, Hindu Kush region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the ISCJB event.

NEIC 04 18:51:42.9, 4559N-2638E, h142km, MD3.6(BUC), After BUC

CSEM 04 18:51:42.6.1.0, 4561N-2646E, h143km, 10km, MD3.9/3, Error ellipse: s-maj=13.9km s-min=5.1km az=48.0, After BUC

BUC 04 18:51:42.3.0.7, 4562N-2644E, h146km, 6km, MD3.9/3, 19C-4D, Error ellipse: s-maj=5.5km s-min=4.0km az=356.0, Romania

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the NEIC event.

Table with columns: GHRH, TUDR, SULR, VOIR, VARR, MTUR, CFR, CFR, CFR, HARR, HARR, BURAR, BURAR. Lists seismic stations and their recorded data.

TIR 04 19:16:43.4, 4238N-1984E, h17km, M2.5, ISCJB 04 19:16:44.6.0.3, 4236N.002, 1985E.002, h2km, 4km, Error ellipse: s-maj=3.5km s-min=2.4km az=90.5

CSEM 04 19:16:44.7.0.1, 4237N-1986E, h5km, ML2.9, Error ellipse: s-maj=2.4km s-min=1.8km az=50.0

NEIC 04 19:16:45.5, 4238N-1981E, h6km, ML2.8(PDG), Error ellipse: s-maj=2.4km s-min=1.8km az=50.0

PDG 04 19:16:45.5.0.1, 4238N-1981E, h6km, 2km, THE 04 19:16:46.2, 4243N-1977E, h20km, ML2.9, ISC 04 19:16:45.2.0.3, 4237N.002, 1987E.003, h1km, 4km, n35, a150/66, 8C-3D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the TIR event.

NIED 04 19:44:00, 4680N-15390E, h11km, Mw4.7 Best double couple: M1.39000, 1016, NP1.30, 180.00000, 861.00000, lambda103.00000, NP2.335.00000, delta2.00000, lambda68.00000

SKHL 04 19:44:12.0.1.2, 4610N-15472E, h50km, 18km, mb5.4/4, Ms4.8/5, msh5.7/2

IDC 04 19:44:15.6.0.6, 4640N-15362E, h0km, mb4.5/6, mb1.4/7.18, mb1mx4.6/23, mbtmp4.6/18, ML3.9/2, MS4.0/16, Ms1.4/0.16, ms1mx3.8/32, Error ellipse: s-maj=18.5km s-min=15.1km az=119.0

JMA 04 19:44:15.7.0.4, 4633N-15373E, h10km, 14km, mb5.0/75, Error ellipse: s-maj=7.0km s-min=4.2km az=162.0

GCMT 04 19:44:17.7.2.4, 4647N-15373E, h15km, 1km, MW4.7/70, Moment Tensor Solution: s19, c23; s70, c98; Duration: 0.4 Moment tensor: Scale 10^19Nm, Mrr1.67e-11, Mtt-0.25e-07, Mss-1.4e-07, Mss0.30e-15; Mss0.25e-04; Mss-0.17e-12; Best double couple: M1.59800e, 1016 NP1.3e, 21.00000, 844.00000, lambda104.00000, NP2.3e, 182.00000, 848.00000, lambda77.00000; Principal axes: T 1.7290, Plg80.0000, Azm23.0000; N -0.2540, Plg10.0000; Azm191.0000; P -1.4660, Plg2.0000; Azm281.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

MOS 04 19:44:21.4.1.1, 4681N-15359E, h33km, mb5.1/60, MS4.3/26 Error ellipse: s-maj=10.0km s-min=5.0km az=107.8

SZGRF 04 19:44:29.3, 4765N-15207E, h33km, mb5.0, MS4.0, Kuril Islands, Russia

ISC 04 19:44:18.8.1.1, 4644N.005, 15371E.005, h19km, 6km, h32km, 2.1km, pp-P, n381, a151/0/393, mb4.9/122, MS4.3/39, 20C-15D, Kuril Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the NIED event.

Large table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for multiple events.

Table with columns: MDJ, Station Name, Time, Frequency, Mode, and other parameters. Includes stations like Mudanjiang, Hachiojima 2, Changchun, Chul'man, etc.

Table with columns: LZH, Station Name, Time, Frequency, Mode, and other parameters. Includes stations like Lanzhou, Eagle, Gaotai, Dawu Dawson, etc.

Table with columns: GUN, Station Name, Time, Frequency, Mode, and other parameters. Includes stations like Gumba, Arti, Pulchoki, etc.

4d 20h

Table with columns for station code, name, coordinates, and time. Includes stations like ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

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Table with columns for station code, name, coordinates, and time. Includes stations like GRF comp=Z,100nm,18.7s,MS4.2, MLR, MLR, etc.

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Table with columns for station code, name, coordinates, and time. Includes stations like SGMF Saint Gilles, SGMF Saint Gilles, SGMF Saint Gilles, etc.

IGIL 04 20:36:08.6, 3677N-1375W, h30km, ML2.9
CSEM 04 20:36:09.1 to 0.5, 3662N-1364W, h30km, ML4.0/8, Error ellipse: s-maj=27.8km s-min=6.2km az=136.0
MDD 04 20:36:10.0 to 2.1, 3694N-1347W, h10km, 89km, mb4.2/6, Error ellipse: s-maj=110.0km s-min=16.3km az=60.0, PRXIMO

Table with columns for code, station name, coordinates, and time. Includes stations like INMG 04 20:36:11.5-1.0, 3678N-1375W, h10km, MD3.0, ML2.7, Error ellipse: s-maj=5.6km s-min=3.5km az=122.0, Azores-Cape St. Vincent Ridge.

ms1mx2.2/22, Error ellipse: s-maj=43.8km s-min=28.7km
 az=76.0
 ISCBJ 05 02:20:41.1±0.7, 29745±003×714W,0.1,h52km,6km,
 mb3.8/2, Error ellipse: s-maj=14.9km s-min=5.3km
 az=18.7
 NEIC 05 02:20:41.2, 29745×7128W, h48km, mb4.2/1,
 MD4.2(GUC), After GUC.
 NEIC Felt [I] at La Serena.
 GUC 05 02:20:41.2±1.5, 29745×7128W, h48km,8km, MD4.2,
 ML4.2

ISC 05 02:20:42.7±0.7, 29765±003×7142W,0.10,h43km,7km,n36,
 ±195/48,mb3.8/2,3C-8D,Near coast of central Chile

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
LSCH	La Serena	0.21	134	iP	02 20 49.5	-0.8
LSCH				iS	02 20 55.0	-0.6
TLL	Tololo Astrono	0.67	127	iP	02 20 54.7	-1.1
TLL				iS	02 21 04.5	-0.6
TLL	comp=N,7µm,0.3s			AML	02 21 06.7	
TLL	comp=E,7µm,0.5s			AML	02 21 10.0	
TLL	comp=N,7µm,0.5s			AML	02 21 10.0	
TLL	Tololo Astrono	0.67	127	iP	02 20 54.7	-1.1
OVCH	Ovalle	0.86	167	iP	02 20 57.4	-0.6
OVCH				iS	02 20 57.4	-0.6
OVCH	comp=N,8µm,0.3s			AML	02 21 13.3	
OVCH	Ovalle	0.86	167	iP	02 20 57.4	-0.9
OVCH				iS	02 21 09.2	-0.6
VACH	Vallenar	1.32	261	iP	02 21 23.2	+2.3
VACH				iS	02 21 23.2	+2.3
CMCH	Combarbala	1.45	166	iP	02 21 05.9	-0.5
CMCH				iS	02 21 24.0	-0.3
CMCH	comp=E,10µm,0.6s			AML	02 21 29.1	
CMCH	Combarbala	1.45	166	iP	02 21 05.9	-0.5
CMCH				iS	02 21 24.0	-0.3
CHNG	Los Chungos	2.12	182	eP	02 21 16.1	+0.5
CHNG				iS	02 21 40.5	-0.1
PTCH	Petorca	2.53	171	eP	02 21 09.2	-0.2
PTCH				iS	02 21 50.0	-0.7
PTCH	comp=E,3µm,0.2s			AML	02 22 00.1	
PTCH	Petorca	2.53	171	eP	02 21 20.1	-0.2
PTCH				iS	02 21 50.0	-0.7
CPCH	Copiapó	2.57	222	eP	02 21 07.4	-2.8
CDCH	Caldera	2.73	11	eP	02 21 22.1	-1.9
ZON	Zonda	2.96	128	eP	02 21 27.7	+0.7
JACH	Jahuel	3.00	167	eP	02 21 28.8	+1.2
CFAA	Coronel Fontan	3.30	125	eP	02 21 32.9	+1.1
CFAA	comp=E,1.5m,0.3s,baz=314,slow=15,SNR=5.0					
PEL	Peidehue	3.43	170	eP	02 21 34.1	+0.5
PEL	comp=E,1µm,0.5s			AML	02 22 29.9	
FCH	Farellones	3.68	165	eP	02 21 39.7	+2.6
FCH	comp=N,373nm,0.5s			AML	02 22 40.8	
CLCH	Cerro Calan	3.70	168	eP	02 21 37.6	+0.3
LCCH	Las Cruces	3.70	182	eP	02 21 37.6	+0.3
RCDM	Rinconada Maip	3.75	172	iP	02 21 39.2	+1.1
TACH	Talagante	3.90	174	eP	02 21 40.9	+0.9
PCH	Pirque	3.92	169	iP	02 21 41.7	+1.4
LNV	Longovillo	4.18	180	iP	02 21 41.9	-2.1
CHCH	Chadass Angostu	4.21	171	iP	02 21 45.1	+0.8
CACH	EI Canelo	4.40	171	eP	02 21 47.6	+0.7
CICH	Cipreses	4.62	170	iP	02 21 51.0	+1.0
SFDO	San Fernando	4.85	176	eP	02 21 52.4	-0.7
LVC	Limon Verde	7.47	18	eP	02 22 27.9	-1.1
LVC	comp=N,0.2m,0.3s,baz=265,slow=18,SNR=3.0					
PLCA	Paso Flores	10.97	17	iP	02 23 10.2	-6.7
PLCA	comp=N,0.1m,0.3s,baz=354,slow=11,SNR=2.2					
TRQA	Tornquist	11.39	139	eP	02 23 22.6	-0.1
TRQA	comp=N,42nm,18.1s,baz=352,slow=39			LR	02 27 34.4	
CPUP	Villa Florida	12.90	78	eP	02 23 43.1	-0.3
CPUP	comp=N,0.4m,0.3s,baz=245,slow=12,SNR=3.6					
SIV	San Ignacio	16.68	37	eP	02 24 33.4	+0.2
SIV	comp=N,0.2m,0.3s,baz=210,slow=7.4,SNR=5.2					
SNAA	Sanaa	52.32	159	eP	02 30 10.7	-1.3
SNAA	comp=N,1.8m,0.7s,mb4.2					
TORD	Tordi Ar. Bea	82.28	70	P	02 32 58.3	-1.3
TORD	comp=N,0.5m,0.9s,mb4.2,baz=256,slow=3.3,SNR=7.4					
ZAL	Zalesovo	150.32	29	PKPbc	02 40 28.4	-0.8
ZAL	comp=N,1.5m,0.4s,baz=158,slow=4.3,SNR=3.5					

CSEM 05 02:25:40.7±1.6, 3866N±2856W, h6km,3km, ML3.0, Error ellipse: s-maj=3.6km s-min=2.4km az=79.0, After PDA
 PDA 05 02:25:40.7±1.6, 3866N±2856W, h6km,3km, MD3.3, ML3.0, Error ellipse: s-maj=3.6km s-min=2.4km az=79.0
 SVSA 05 02:25:40.7±1.6, 3866N±2856W, h6km,3km, MD3.3, ML3.0, Error ellipse: s-maj=3.6km s-min=2.4km az=79.0

Azores Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
PCED	Cedros	0.12	256	iP	02 25 43.1	-0.1
PCED				eS	02 25 45.3	+0.4
PCED	8µm,0.2s					
PCED	Cedros	0.12	256	eS	02 25 45.3	+0.4
CALA	Caldeira	0.14	237	iP	02 25 43.5	0.0
HOR	Horta	0.14	204	iP	02 25 43.0	-0.6
HOR				eS	02 25 45.5	-0.1
HOR	Horta	0.14	204	eS	02 25 45.5	-0.1
PICO	Pico	0.19	146	eP	02 25 44.0	-0.4
PCND	Candelaria	0.20	158	iP	02 25 44.8	+1.1
PCND				eS	02 25 47.0	-0.4
PTEI	Pico do Teixeira	0.23	136	eP	02 25 45.2	+0.1
PTEI				eS	02 25 48.2	+0.1
ROSA	Rosais	0.26	76	iP	02 25 44.4	-0.3
ROSA				eS	02 25 49.1	0.0
ROSA	Rosais	0.26	76	eP	02 25 49.1	0.0
PBOI	Pico dos Bois	0.26	147	eP	02 25 45.5	-0.3
PBOI				iS	02 25 49.1	-0.2
PAMA	Santo Amaro	0.30	85	iP	02 25 46.3	-0.2
PAMA				eS	02 25 50.4	0.0
PAMA	2µm,0.2s					
PAMA	Santo Amaro	0.30	85	eP	02 25 50.4	0.0
PMAN	Manadas	0.37	93	iP	02 25 46.6	-1.2
PMAN				eS	02 25 50.0	-0.6
PMAN	1µm,0.2s					
PMAN	Manadas	0.37	93	eS	02 25 52.0	-0.6
PIED	Piedade	0.46	121	eP	02 25 46.8	-0.8
PIED				eS	02 25 50.6	+0.5
PLUZ	Luz	0.49	318	eP	02 25 58.0	+1.5
PLUZ				eS	02 25 58.0	+1.5
SRBC	Serra Branca	0.55	47	eP	02 25 49.7	-1.7
PVIA	Vitoria	0.57	44	eP	02 25 50.3	-1.4
PVIA				eS	02 25 57.9	-1.2
PGRA	Graciosa	0.58	50	iP	02 25 50.0	-1.9
PGRA				eS	02 25 57.5	-2.0
PGRA	59nm,0.1s					
PGRA	Graciosa	0.58	50	eP	02 25 57.5	-2.0
STGR	Santa Cruz	0.60	45	eP	02 25 51.0	-1.4
STGR				eS	02 25 58.9	-1.3
STGR	180nm,0.2s					
STGR	Santa Cruz	0.60	45	eP	02 25 51.0	-1.4
STGR				eS	02 25 58.9	-1.3
ASBA	Santa Barbara	0.97	86	eP	02 25 55.6	-3.6
ASBA				eS	02 26 07.0	-4.8
ASBA	191nm,0.1s					
ASBA	Santa Barbara	0.97	86	eP	02 25 55.6	-3.6

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
ASBA	Serra de Santa	0.97	83	iP	02 26 07.0	-4.8
PSBA				eS	02 25 55.0	-4.3
PSBA				eP	02 26 07.0	-4.9
PPAD	Pico dos Padre	0.99	87	eP	02 25 56.0	-3.8
PPAD				eS	02 26 08.0	-4.7
PPAD	143nm,0.1s					
PPAD	Pico dos Padre	0.99	87	eP	02 25 56.0	-3.8
PPAD				eS	02 26 08.0	-4.7
PPAD				eP	02 26 08.0	-4.7
PBIS	Biscoitos	1.03	84	eP	02 25 56.4	-4.0
PBIS				eS	02 26 08.3	-5.4
PBIS	108nm,0.2s					
PBIS	Biscoitos	1.03	84	eP	02 25 56.4	-4.0
PBIS				eS	02 26 08.3	-5.4
ADH	Angra Heroismo	1.03	90	eP	02 25 55.5	-5.1
ADH				eS	02 26 08.5	-5.5
RIB2	Ribeirinha	1.08	89	eP	02 25 57.1	-4.4
RIB2				eS	02 26 09.6	-6.0
RIB2	237nm,0.2s					
RIB2	Ribeirinha	1.08	89	eP	02 25 57.1	-4.4
RIB2				eS	02 26 09.6	-6.0
PVNV	Vila Nova	1.10	84	eP	02 25 57.5	-4.3
PVNV				eS	02 26 10.6	-5.5
PVNV	46nm,0.1s					
PVNV	Vila Nova	1.10	84	eP	02 25 57.5	-4.3
PVNV				eS	02 26 10.6	-5.5
PFVAV	Pico das Favas	1.15	87	eP	02 25 58.2	-4.6
PFVAV				eS	02 26 11.8	-6.0
PFVAV	79nm,0.2s					
PFVAV	Pico das Favas	1.15	87	eP	02 25 58.2	-4.6
PFVAV				eS	02 26 11.8	-6.0
SET4	Mosteiros	2.31	109	eP	02 26 14.7	+4.5
SET2	Ginetes	2.31	110	eP	02 26 14.6	+4.7
SET2				eS	02 26 40.7	-7.3
PFET	Feteiras	2.33	110	eP	02 26 14.6	+4.7
PFET				eS	02 26 40.7	-7.3
PSAN	Santo Antonio	2.37	109	eP	02 26 15.3	+4.3
PSAN				eS	02 26 41.2	-8.2
FAC	Faja de Cima	2.45	110	eP	02 26 16.7	+4.5
FAC				eS	02 26 43.2	-8.3
CML	Cha da Macela	2.53	110	eP	02 26 17.9	+4.4
CML				eS	02 26 45.2	-8.1
PVER	Pico Vermelho	2.54	109	eS	02 26 46.5	-7.2
PVER				eP	02 26 46.5	-7.2
CMLA	Cha da Macela	2.55	110	eP	02 26 17.7	-4.8
CMLA				eS	02 26 45.9	-8.0
CMLA	64nm,0.3s					
CMLA	Cha da Macela	2.55	110	eP	02 26 17.7	-4.8
CMLA				eS	02 26 45.9	-8.0
PMAT	Coroa da Mata	2.57	108	eP	02 26 18.1	-4.7
PMAT				eS	02 26 46.7	-7.7
PMAT	230nm,0.2s					
PMAT	Coroa da Mata	2.57	108	eP	02 26 18.1	-4.7
PMAT				eS	02 26 46.7	-7.7
LFJA	Lagoa do Fogo	2.58	109	eP	02 26 18.5	-

ISCJB 05 02:47:00.6:0.5, 24325S,003:6700W,005, h170km,5km, mb4.0/29, Error ellipse: s-maj=8.2km s-min=5.6km az=170.5

NEIC 05 02:47:01.8:0.5, 24255S,6696W, h166km,5km, mb4.1/27, Error ellipse: s-maj=7.7km s-min=5.7km az=78.0

IDC 05 02:47:02.1:1.0, 24175S,6693W, h171km,9km, mb3.7/9, mb1 3.8/15, mb1mx3.8/20, mbtmp4.2/10, Error ellipse: s-maj=13.9km s-min=12.0km az=55.0

GUC 05 02:47:05.1:0.5, 24335S,6766W, h220km,81km, ML4.9

ISC 05 02:47:01.6:0.5, 24355S,003:6701W,005, h164km,5km, n68, s=10777.6, mb4.0/29, 3C-1D, Chile-Argentina border region

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.

BUJ 05 02:49:10.2, 526N, 12671E, h120km, mb4.9, mb4.6

NEIC 05 02:49:11.2:1.1, 553N, 12706E, h115km,9km, mb4.5/12, Error ellipse: s-maj=17.5km s-min=5.8km az=66.0

ISC 05 02:49:11.9:1.1, 547N, 12706E, h111km,6km, mb4.5/12, s=0887/4, mb4.5/39, 4C-2D, Philippine Islands region

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.

comp=2.40nm,1.0s,mb5.3

JOF Joensuu 87.77 333 epk P 03 01 46.0 -1.8

ARCES ARCES Array B 88.92 340 epk P 03 01 51.5 -1.7

BR131 Keskin Array S 89.13 310 ep P 03 01 54.8 +0.5

BRTR Keskin Array B 89.13 310 P 03 01 53.5 -0.8

AKASG Malin Array B 90.72 321 P 03 02 00.2 -1.4

AKASG Malin Array B 90.72 321 P 03 02 01.3 -0.3

AKASG Malin Array B 90.72 321 P 03 02 00.2 -1.4

TORD Torodi Arr. Bae 122.63 299 PKP PKPdf 03 07 54.0 +0.2

CSEM 05 03:15:38.7:0.9, 3866N-2857W, h15km, ML1.3, Error ellipse: s-maj=3.5km s-min=2.8km az=9.0, After PDA

PDA 05 03:15:38.7:0.9, 3866N-2857W, h15km, ML2.9, ML1.3, Error ellipse: s-maj=3.0km s-min=2.8km az=9.0

SVSA 05 03:15:38.7:0.9, 3866N-2857W, h15km, ML2.9, ML1.3, Error ellipse: s-maj=3.5km s-min=2.8km az=9.0, Azores 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 parameters.

MOS 05 02:49:09.1:0.8, 542N, 12688E, h107km, mb4.7/12, Error ellipse: s-maj=26.9km s-min=10.4km az=123.0

ISCJB 05 02:49:10.7:1.0, 544N, 12706E, h122km,8km, mb4.5/39, Error ellipse: s-maj=19.9km s-min=6.8km az=133.5

IDC 05 04:00:38.3:8.2, 1787S, 16823E, h10km, mb4.2/1, Error ellipse: s-maj=135.0km s-min=24.9km az=70.0

ISCJB 05 04:00:45.4:4.9, 183S, 02:1679E, 02, h53km, 35km, mb3.8/4, MS3.4/3, Error ellipse: s-maj=38.7km s-min=20.2km az=75.7

Table of astronomical observations for stations 5d and 5h. Columns include station name, coordinates, time, and magnitude. Includes stations like BRG, GEC2, GERES, etc.

Table of astronomical observations for stations 2006 OCT. Columns include station name, coordinates, time, and magnitude. Includes stations like ESDC, TORD, TORO, etc.

ROM 05 05:03:31.90.0.4, 4386N:1669E, h12km, Md3.4/20, M3.6/11, Error ellipse: s-maj=7.2km s-min=3.0km az=122.0

PDG 05 05:03:33.5.0.9, 4389N:1648E, h3km, 1km PRU 05 05:03:33.5, 4389N:1650E, h0km

NEIC 05 05:03:34.7.0.3, 4390N:1647E, h10km, MD3.5(PDG), ML3.6(ROM), ML3.6(BUC), Error ellipse: s-maj=5.3km s-min=4.0km az=200.0

CSEM 05 05:03:35.7.0.1, 4396N:1624E, h2km, ML3.7/7, Error ellipse: s-maj=3.0km s-min=2.2km az=21.0

LDG 05 05:03:35.6.0.1, 4378N:1641E, h10km, M3.7/9, Error ellipse: s-maj=5.7km s-min=2.2km az=23.0

ISC 05 05:03:35.0.0.2, 4396N:1644E, h10km, n111, c1538/177, 24C-24D, Northwestern Balkan Peninsula

Table of astronomical observations for stations in the Northwestern Balkan Peninsula. Columns include station name, coordinates, time, and magnitude. Includes stations like NVLJ, STON, BOJ, etc.

Table of astronomical observations for stations in the Islands region. Columns include station name, coordinates, time, and magnitude. Includes stations like CONA, BZS, MOA, etc.

IDC 05 05:21.1.0.2.4, 1115N-9172E, h0km, mb3.6/5, mb1 3.8/5, mb1mx3.5/2.1, mbtpm3.6/5, 1C, Error ellipse: s-maj=104.0km s-min=24.2km az=61.0, Andaman Islands region

Table of astronomical observations for stations in the Andaman Islands region. Columns include station name, coordinates, time, and magnitude. Includes stations like PBA, WRA, ASAR, etc.

ISCJB 05 05:42:36.6.5.0, 6.17S:15374E, h74km, 42km, mb3.8/7, mb1 4.0/8, mb1mx3.8/7, mbtpm4.2/8, ML3.3/1, M3.5/2, 1.8m, 0.9s, mb3.4, baz=62, slow=9.4, SNR=5.0, s-min=26.5km az=36.0, Error ellipse: s-maj=31.1km

NEIC 05 05:42:36.5.2.6, 6.11S:15371E, h74km, 23km, mb4.3/1, Error ellipse: s-maj=22.9km s-min=17.1km az=50.0

ISC 05 05:42:36.3.3.2, 6.1S:1538E.01, h73km, 27km, n116, c1503/15, mb3.9/7, New Britain region

Table of astronomical observations for stations in the New Britain region. Columns include station name, coordinates, time, and magnitude. Includes stations like PMG, CTA, WRA, etc.

2006 OCT

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Loures, Adamuz, EADA, ELUO, ELOJ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ARAO, ARCESS Array S, PRYS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LPAZ, MKAR, NVAR, WEL, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NAO, BER, KBS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like VNA1, VNA2, VNA3, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRA, WB2, ASAR, etc.

5d 17h

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time Res, ISC h m s ISC. Includes stations like Matakaoa Point, Urewera, Ohmuta, Black Stump Fm, etc.

GUC 05 15:27:19.6 1.2, 2779S-7105W, h42km, 20km, MD3.6, ML3.5, 1D, Near coast of northern Chile

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time Res, ISC h m s ISC. Includes stations like Caldera, Copiapo, Vallenar, Tololo Astrono, etc.

UPP 05 15:32:50.6, 6712N-2102E, h0km, ML2.8, Mining explosion.

NAO 05 15:32:51.3, 1.2, 6720N-2113E, ML2.0 BER 05 15:32:55.4, 1.1, 6710N-2084E, h0km, ML1.6, ML2.0(NAO), Suspected explosion

HEL 05 15:32:52.0, 2.0, 6710N-2085E, h0km, ML1.8, ML2.8(UPP), ML1.6(BER), Explosion, Sweden

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time Res, ISC h m s ISC. Includes stations like Ertsejaerv, PAJUJ, KUA, SALU, LANU, etc.

IDA 05 15:46:37.6, 3.4, 0.00N-12380E, h102km, 30km, mb3.8/6, mb1 4.0/7, mb1mx3.7/17, mbtmp4.1/7, MS3.5/1, Ms1 3.5/1, ms1mx2.6/24, Error ellipse: s-maj=52.6km s-min=15.3km az=72.0

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time Res, ISC h m s ISC. Includes stations like Kota Kinabalu, Fityroz Crossi, etc.

NEIC 05 15:46:39.8, 2.6, 0.08S-12391E, h121km, 29km, mb4.4/4, Error ellipse: s-maj=32.1km s-min=9.9km az=72.0

ISCJB 05 15:46:40.4, 3.0, 0.08S-101-12392E, h145km, 33km, mb4.1/9, Error ellipse: s-maj=33.2km s-min=10.0km az=122.5

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time Res, ISC h m s ISC. Includes stations like Kota Kinabalu, Fityroz Crossi, etc.

2006 OCT

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time Res, ISC h m s ISC. Includes stations like ASAR, ASPA, ASPT, etc.

ISCJB 05 16:00:51.2, 2.2, 4.7S-02-1517E, h157km, 19km, mb3.8/7, Error ellipse: s-maj=43.3km s-min=18.6km az=49.3

NEIC 05 16:00:52.8, 2.8, 4.7AS-1517E, h160km, 19km, mb4.2/4, Error ellipse: s-maj=41.7km s-min=17.0km az=38.0

IDC 05 16:00:53.7, 2.7, 4.73S-1516E, h162km, 15km, mb3.4/5, mb1 3.6/6, mb1mx3.4/15, mbtmp3.9/6, Error ellipse: s-maj=64.8km s-min=13.7km az=117.0

ISC 05 16:00:52.6, 2.2, 4.7S-01-1518E, h156km, 14km, n16, o=4720, mb3.8/7, New Britain region

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time Res, ISC h m s ISC. Includes stations like PMG, WRA, AS31, etc.

ISCJB 05 16:04:39.5, 1.5, 1382N-010-9235W, h41km, 49km, Error ellipse: s-maj=16.6km s-min=9.9km az=36.7

CASC 05 16:04:39.2, 3.4, 1415N-9242W, h67km, 49km, MD4.2 MEX 05 16:04:40.7, 0.3, 1378N-9229W, h15km, 22km, MD4.2

ISC 05 16:04:40.1, 1.2, 1364N-010-9229W, h55km, 35km, n15, o=15626, SC-3D, Off coast of Chiapas

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time Res, ISC h m s ISC. Includes stations like JAT, FUG, TER, etc.

IDC 05 16:07:07.8, 2.4, 0.3798N-7240E, h105km, 138km, mb3.6/1, mb1 3.4/4, mb1mx3.1/24, mbtmp3.7/14, ML3.5/1, 2C-1D, Error ellipse: s-maj=245.6km s-min=91.0km az=20.1

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time Res, ISC h m s ISC. Includes stations like Karatay Array, KK31, etc.

NEIC 05 16:48:40.0, 1.00N-14200E, h53km, Mw3.7, Best double couple: M4.58000-1.14, NP1.30, MW0000.7, B77.00000, 1.92.00000, NP2.30, 0.00000, 813.00000, 8.20.00000

ISCJB 05 16:48:10.2, 0.4, 0.096N-003-14194E, h07km, h72km, mb3.8/11, Error ellipse: s-maj=8.8km s-min=4.7km az=51.0

JMA 05 16:48:10.8, 0.1, 4.097N-142.01E, h55km, 2km, M3.6 JMA Felt J1

NEIC 05 16:48:11.7, 0.7, 4.129N-141.57E, h35km, mb4.2/2, Error ellipse: s-maj=16.4km s-min=10.6km az=121.0

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time Res, ISC h m s ISC. Includes stations like NANG, JUNG, etc.

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time Res, ISC h m s ISC. Includes stations like JANG, JTM, JOT, etc.

MDD 05 17:03:40.2, 2.2, 3641N-1057W, h0km, mblg2.2/4, Error ellipse: s-maj=21.9km s-min=17.9km az=100.0, PRXIMO

CSEM 05 17:03:40.3, 0.3, 3630N-1065W, h10km, ML1.7, Error ellipse: s-maj=7.0km s-min=4.3km az=107.0

IGIL 05 17:03:40.4, 3637N-1060W, h1km, ML2.1 INMG 05 17:03:40.4, 0.6, 3634N-1070W, h10km, ML1.7, Error ellipse: s-maj=5.2km s-min=2.7km az=79.0

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time Res, ISC h m s ISC. Includes stations like MORF, PTEO, etc.

Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time Res, ISC h m s ISC. Includes stations like MORF, PTEO, etc.

IDC 05 17:04:36.1, 0.7, 1654S-17229W, h0km, mb4.2/9, mb1 4.0/10, mb1mx4.3/19, mbtmp4.2/10, ML1.8/1, MS3.6/2, Ms1 3.5/2, ms1mx3.0/24, Error ellipse: s-maj=29.0km s-min=16.0km az=128.0

ISCJB 05 17:04:39.0, 0.6, 1640S-007-1724W, 0.1, h33km, mb4.3/9, MS3.6/2, Error ellipse: s-maj=19.8km s-min=7.6km az=46.8

NEIC 05 17:04:43.5, 0.4, 1664S-17248W, h45km, mb4.9/2, Error ellipse: s-maj=20.1km s-min=12.1km az=132.0

ISC 05 17:04:41.0, 0.6, 1642S-007-1723W, 0.1, h35km, n56, o=1803/17, mb4.3/9, MS3.6/2, SD, Samoa Islands region

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time Res, ISC h m s ISC. Includes stations like AFI, RAR, DZM, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ARCES ARCES Array B, CLL Collim, and STHS Slebnicka Huta.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SCPH Surigao, PALO Palo, and LLL Lapu-Lapu.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KMI Kunming, CM31 Chiang Mai Arr, and CHTO Chiang Mai.

ISC/JB 05 17:20:54.1±0.8, 3239N:0.10x1380E:02, h367km, 6km, mb3.2/7, Error ellipse: s-maj=21.4km s-min=15.2km

IDC 05 17:20:54.8±2.1, 3233N:137.99E, h356km, 25km, mb2.9/6, mb1.3/0.7, mb1mx2.9/2.1, mbtm3/6.7, Error ellipse: s-maj=56.0km s-min=14.9km az=75.0

JMA 05 17:20:59.5±0.4, 3265N:137.81E, h333km, M3.1, ISC 05 17:20:55.4±0.8, 324N:0.1x1380E:02, h363km, 6km, Res: 0.65/2.3, mb3.2/7, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TK02 Tokai 2, TK03 Tokai 3, and JMW Shimob.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JOW Kunigami, GZH Guangzhou, and KSM Kuching.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRAB Tennant Creek, WRA Warrungarra Arr, and WRA Warrungarra Arr.

CASC 05 17:29:43.2±2.8, 1078N:8693W, h77km, 55km, MD3.9, ML3.5, 2C-1D, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CRZC La Cruz, VCR Vista de Mar, and COPN Copaltepe.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NJ2 Nanjing, WHN Wuhan, and KAKA Kakadu.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MBWA Marble Bar, SNEY Shenyang, and SNEY SNEY.

MAN 05 17:41:34.0, 1009N:12621E, h67km, mb4.8, ML5.5, MS4.9, IDC 05 17:41:35.2±2.5, 1000N:12592E, h52km, 21km, mb4.6/2.0, mb1.4/0.7, mb1mx4.7/2.1, mbtm4.8/2.0, MS4.0/2.1, MS1.4/0.24, ms1mx3.9/3.5, Error ellipse: s-maj=23.9km s-min=10.7km az=76.0

ISC/JB 05 17:41:36.8±0.5, 1009N:002x12604E:04, h83km, 3km, mb5.0/1.10, Error ellipse: s-maj=5.8km s-min=3.7km az=161.5

BUI 05 17:41:37.2, 976N:12604E, h114km, mb5.1, mb4.9, GCMT 05 17:41:41.1±0.3, 1007N:12629E, h45km, 1km, MW5.0/5.2, Moment Tensor Solution: s49,c60; s52,c79; Duration: 0 Moment tensor: Scale 10^19Nm; M3.2±.16; Mw0.8±.12; Mw-4.0±.12; Mw0.64±.12; Mw0.2±.10; Mw1.53±.16; Fast double couple: Mw0.540±.016; N1P1=163.00000°; S36.00000°; 1.67 00000°; N1P2: 0±10.00000°; S57.00000°; 1.105 00000°; Principal axes: T 3.7290, P1g73.0000°, Azm319.0000°; N 0.6460, P1g13.0000°, Azm181.0000°; P -4.3790, P1g11.0000°, Azm89.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 05 17:41:41.0±0.7, 999N:12594E, h107km, 6km, mb4.9/5.9, Error ellipse: s-maj=6.7km s-min=4.0km az=77.0

NEIC Felt [IV PIVS] at Surigao, MOS 05 17:41:43.5±0.9, 1035N:12574E, h124km, mb5.0/4.9, Error

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IPM Iloh, KULM Kulim, and NST Nakhon Sawan.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LZH Lanzhou, LZH Lanzhou, and LZH Lanzhou.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LZH Lanzhou, LZH Lanzhou, and LZH Lanzhou.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Kilima Mbogo, Plostina, Suwalki, Mawson, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Vila Real, Braganca, Santiago, etc.

IDC 05 18:15:56.0:22.0, 1929S-17663W, h365km, 138km, mb3.3/6, mb1 3.5/6, mb1x3.2/16, mbt4.2/6, Error ellipse: s-maj=254.7km s-min=36.1km az=48.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Mt Dzumac, Urewhera, Charters Tower, etc.

MAN 05 18:25:55.5, 941N-12249E, h15km, mb2.0, ML3.7, MS3.3, IC, Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Sibulan, Dipolog City, etc.

IDC 05 18:26:09.1±0.8, 1512Sx17361W, h0km, mb4.1/9, mb1 4.2/9, mb1mx4.2/15, mbt4.1/9, MS3.5/9, Ms1 3.4/9, ms1mx3.2/7, Error ellipse: s-maj=38.5km s-min=19.1km az=134.0

NEIC 05 18:26:10.6±0.5, 1510Sx17363W, h10km, Error ellipse: s-maj=20.7km s-min=10.9km az=136.0

ISCJB 05 18:26:12.3±0.7, 1515Sx17370W, h2.0, h33km, mb4.0/9, MS3.5/6, Error ellipse: s-maj=28.2km s-min=15.1km az=97.3

ISC 05 18:26:14.5±0.7, 152S-02:1736W, h053km, n24, ±047/15, mb4.0/9, MS3.5/6, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Afiamalu, Rarotonga, Raoul Island, etc.

MAN 05 19:27:35.1, 1190N-12549E, h27km, mb3.7, ML4.8, MS1.8, Samoa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Palo, Ormoc, Maasin, etc.

WEL 05 19:27:43.3±0.2, 451S-16734E, h14km, 11km, ML3.5/8, 3C-1D, Error ellipse: s-maj=2.5km s-min=1.2km az=90.0, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Deep Cove, Milford Sound, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Earningscleugh, Jackson Bay, etc.

IDC 05 19:54:59.3±1.9, 4783N-15243E, h0km, mb3.8/4, mb1 3.8/5, mb1x3.6/21, mbt4.3/8, ML3.4/1, Error ellipse: s-maj=56.2km s-min=30.6km az=97.0, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Asahikawa, Makanchi Array, etc.

INMG 05 20:25:35.9±1.0, 4252N-1124W, h9km, 27km, ML2.1, Error ellipse: s-maj=15.6km s-min=4.7km az=108.0

NEIC 05 20:25:36.4, 4235N-1060W, h0km, MN2.6(MDD), After MDD

CSEM 05 20:25:36.8±0.6, 4256N-1054W, h10km, ML3.1/4, Error ellipse: s-maj=12.0km s-min=5.1km az=106.0

MDD 05 20:25:35.0±1.8, 4245N-1106W, h93km, 47km, mblg2.7/8, Error ellipse: s-maj=22.8km s-min=8.0km az=115.0, PRXIMO, North Atlantic Ocean

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Mazarcos, Manteigas, etc.

5d 22h

Table with columns: EADA, EADA, EADA, ESPR, ESPR. Rows include station names like Adamuz, Espera and their coordinates and status.

IDC 05 21:00:25.6+1.6, 813S-12895E, h0km, mb3.9/2, mb1 4.1/5, mb1mx3.9/14, mbtmp4.0/5, ML3.8/3, Error ellipse: s-maj=62.7km s-min=24.1km az=74.0, Timor Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include stations like Kakadu, Fitzroy Crossi, Warramunga Arr, etc.

IDC 05 21:21:08.0-1.7, 1312N-5768E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.5/20, mbtmp3.7/4, MS3.4/6, Ms1 3.4/6, ms1mx3.0/27, Error ellipse: s-maj=91.5km s-min=29.0km az=20.0, Owen Fracture Zone region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include stations like Kilima Mbogo, Keskin Array B, Zalesovo, etc.

IDC 05 21:21:58.4-6.1, 553S-14729E, h185km, 63km, mb2.9/2, mb1 3.2/4, mb1mx3.1/13, mbtmp3.6/4, Error ellipse: s-maj=95.2km s-min=45.7km az=130.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include stations like Port Moresby, Warramunga Arr, Alice Springs, etc.

MDD 05 22:16:51.0-0.4, 3819N-833W, h0km, mbLg1.6/5, Error ellipse: s-maj=3.9km s-min=2.4km az=68.0, PRXIMO

IGIL 05 22:16:51.3, 3819N-832W, h0km, ML1.8

INMG 05 22:16:51.0-1.3, 3819N-833W, h4km, 5km, MD2.2, ML1.4, 1D, Error ellipse: s-maj=2.2km s-min=1.5km az=71.0, Portugal

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include stations like Montemor, Beja, Sao Teotónio, Estremoz, Marlete, etc.

2006 OCT

NEIC 05 22:22:48.5, 4159N-8.18W, h10km, MN2.5(MDD), After MDD. CSEM 05 22:22:49.5, 0.1, 4159N-8.16W, h20km, ML2.8/9, Error ellipse: s-maj=3.5km s-min=2.4km az=89.0. INMG 05 22:22:49.9, 1.2, 4159N-8.19W, h26km, 2km, MD2.8, ML2.7, Error ellipse: s-maj=3.0km s-min=1.6km az=115.0. MDD 05 22:22:49.8, 0.3, 4159N-8.21W, h23km, 1km, mbLg2.8/15, 1C, Error ellipse: s-maj=3.8km s-min=2.5km az=106.0, PRXIMO, Portugal

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include stations like Cabril, Vila Real, Porto, Manteigas, Castelo Branco, etc.

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Table with columns: EMIN, EMIN, EMIN, EMIN, PTEO, PTEO, EGRO, EGRO, EGRO, EGRO, EGRO, EGRO, EADA, EADA, EADA, EADA, ETOR, ETOR, ETOR, EQES, EQES, EQES, EQU, EQU, EQE, EMO, EMO, EMO, ERTA. Rows include station names like Mina Concepcio, Sao Teotonio, El Granado, etc.

ISCJB 05 22:43:42.3-0.7, 669N-009-7287W-0.10, h173km, 8km, mb3.8/3, Error ellipse: s-maj=20.2km s-min=8.9km az=87.1

IDC 05 22:43:43.1-2.0, 659N-7284W, h167km, 25km, mb3.6/3, mb1 3.7/4, mb1mx3.2/21, mbtmp4.2/4, Error ellipse: s-maj=31.5km s-min=31.5km az=142.0

NEIC 05 22:43:43.5-0.8, 671N-7294W, h170km, 10km, mb3.4/1, Error ellipse: s-maj=16.4km s-min=12.2km az=138.0

ISC 05 22:43:43.6-0.7, 674N-009-7293W-0.10, h164km, 8km, n10, c070/11, mb3.8/3, Northern Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include stations like El Rosal, Santo Domingo, Otavalo, JuntasAbangare, etc.

LDG 05 22:59:54.4-0.1, 4311N-070W, h3km, Md1.8/2, MI1.7/2, Error ellipse: s-maj=3.8km s-min=1.8km az=12.0

STR 05 22:59:54.0-0.3, 4307N-073W, h2km, 1km, MI2.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 05 22:59:55.0-0.3, 4311N-068W, h0km, mbLg1.3/10, Error ellipse: s-maj=3.5km s-min=1.5km az=18.0, PRXIMO, Pyrenees

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include stations like Montagne du Re, Ordiard, Etsaut, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ELIZ, IUSE, EBIE, EPF, ESAC, EMIR, LFF, MTLF, EPOB, ERTA, etc.

IDC 05 23:16:24.7.0.8, 0.69S:13151E, h0km, mb3.4/3.10, mb1.4/4.13, mb1mx2.4/2.0, mbtmp4.3/13, ML3.9/3, MS3.7/5, Ms1 3.7/5, ms1mx3.2/2.1, Error ellipse: s-maj=37.7km s-min=14.1km az=67.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KAKA, KKM, PMG, FITZ, WRA, WBA, WBR, AS31, ASAR, ASPA, MBWA, CTA, JAC, NCB, STKA, STKA, STKA, PSI, MJAR, SONM, MKAR, MKAR, ZAL, ZAL, CASY, BVAR, BRVK, BRVK, CHZK, CHZK, ZRNL, ZRNL, VVDA, VVDA, VVDA, ARU, ARU, MCK, MCK, COLA, GSPA, ARCES.

ATH 06 00:02:50.3, 3694N-2726E, h10km, MD2.8/3 ISCBJ 06 00:02:53.7, 0.9, 3678N-2749E, h0km, 12km, 7km, Error ellipse: s-maj=12.7km s-min=6.8km az=140.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DAT, BODT, BODT, MLBS, MLBS, ARG, DALY, DALY, SMG, KARP.

IDC 06 00:20:44.8.1.4, 3286N-9606E, h0km, mb3.6/3, mb1.3/7.5, mb1mx3.4/2.2, mbtmp3.6/5, ML3.5/2, MS3.9/1, Ms1 3.9/1, ms1mx2.7/1.9, Error ellipse: s-maj=74.2km s-min=24.7km az=59.0, Qinghai

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SONM, MKAR, JOW, FINES, WRA, ASAR, ISK, CSEM, ISCBJ, ATH, NEIC.

IDC 06 01:43:04.8.2.1, 413S-15260E, h0km, mb3.8/5, mb1.4/0.5, mb1mx3.8/1.4, mbtmp3.8/5, MS2.6/1, Ms1 2.6/1, ms1mx2.5/1.8, Error ellipse: s-maj=53.7km s-min=41.8km az=122.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ISCBJ, WBA, VVDA, TORO, TORO.

ISCJB 06 01:44:36.0.3.7, 184S-02-1780W.0.1, h623km, 48km, mb3.0/9, Error ellipse: s-maj=31.2km s-min=21.2km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GRL, GRL, RUS, RUS, AVH, AVH, GNL, GNL, MKZ, MKZ, KRSC.

WEL. WEL 06 02:22:57.7.0.3, 412AS-17275E, h167km, 2km, ML3.7/15, 9C-1D, Error ellipse: s-maj=2.0km s-min=1.8km az=90.0, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like QRZ, QRZ, NNZ, NNZ, THZ, THZ, DSZ, DSZ, TUWZ, TUWZ, DUWZ, DUWZ, TCW, TCW, KHZ, KHZ, MRW, MRW, SNZO, SNZO, LTZ, LTZ, BHW, BHW, KIWI, KIWI, KAW, KAW, MSWZ, MSWZ, PAWZ, PAWZ, PAWZ, PAWZ, MRW, MRW, MRZ, MRZ, TRWZ, TRWZ, MZQ, MZQ, KHZ, KHZ, WNVZ, WNVZ, MOVZ, MOVZ, FOZ, FOZ, LBZ, LBZ, ICZ, ICZ, ODZ, ODZ.

IDC 06 02:46:12.0.9.3, 3290S-17823W, h68km, 81km, mb3.8/2, mb1.4/0.3, mb1mx3.6/1.3, mbtmp4.1/3, ML3.8/1, MS3.7/2, Ms1 3.6/2, ms1mx2.9/1.8, Error ellipse: s-maj=70.6km s-min=53.3km az=176.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like URZ, URZ, DZM, DZM, STKA, STKA, WBA, WBA, WBA, WBA, FITZ, FITZ, FINES, FINES, BRTR, BRTR, BRTR, BRTR.

IDC 06 03:10:20.4.25.0, 404N-12748E, h350km, 279km, mb3.2/3, mb1.3/3.3, mb1mx3.0/1.7, mbtmp3.8/3, Error ellipse: s-maj=245.5km s-min=37.3km az=58.0, Talaud Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA, WRA, MKAR, MKAR, ARCES, ARCES.

ATH 06 03:19:47.7, 3923N-2390E, h25km, 1km, MD3.3/15, ML3.3 NEIC 06 03:19:47.7, 3924N-2390E, h25km, ML3.3(ATH), After ATH

CSEM 06 03:19:48.9.0.1, 3923N-2390E, h20km, ML2.4, Error ellipse: s-maj=1.5km s-min=1.3km az=119.0

ISCJB 06 03:19:48.0.4, 3924N-2390E, h20km, 0.03, h20km, 3km, Error ellipse: s-maj=4.5km s-min=3.5km az=37.6

THE 06 03:19:49.0, 3927N-2388E, h14km, ML2.4 SOF 06 03:19:50.3, 3927N-2402E, h39km, MD2.9

ISC 06 03:19:48.2.0.4, 3928N-002-2388E.003, h12km, 3km, n44, 0096/63, Aegean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AOS, AOS, NEO, NEO, XOR, XOR, XOR, XOR, LKR, LKR, LKR, LKR, OUR, OUR, OUR, OUR, LOR, LOR, LOR, LOR, PLG, PLG, PLG, PLG, LIA, LIA, PTL, PTL, PTL, PTL, AGG, AGG, AGG, AGG, LIT, LIT, LIT, LIT, MGER, MGER, MGER, MGER, HORT, HORT, HORT, HORT, THE, THE, THE, THE, NIS, NIS.

Table with columns: BRTR, Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include STKA Stephens Creek, STKA Stephens Creek, OBN Obninsk, OBN Obninsk, OBN Obninsk, etc.

Table with columns: COLA College, MCK McKinley, MCK McKinley, MCK McKinley, KDAK Kodiak Island, VNSA VNSA, VNSA VNSA, VNSA VNSA, VNSA VNSA, etc.

SZGRF 06:04:42:23.8, 2554Sx1242W, h33km, mb4.9, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include TSUM Tsumeb, TSUM Tsumeb, DBIC Dimboko, DBIC Dimboko, BDFB Brasilia, BDFB Brasilia, etc.

NEIC 06:04:47:32.9, 3.4154S-8091E, h0km, mb3.8/6, mb1 3.9/6, mb1mx3.8/17, Error ellipse: s-maj=78.7km

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include NWAO Narrogin (SRO), BOSA Boshof, ASAR Alice Springs, STKA Stephens Creek, WRA Warrungana Arr, MKAR Maknanchi Arr, TORD Torodi Arr, etc.

NEIC 06:04:47:54.5, 1594N-9840W, h2km, MD4.3 (MEX), After coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include PNIG Pinotepa, PNIG Pinotepa, UTMO Huajuapán, UTMO Huajuapán, VHO Vista Hermosa, VHO Vista Hermosa, OXX Oaxaca, OXX Oaxaca, CAIG El Cayaco, CAIG El Cayaco, MEIG Mezcala, MEIG Mezcala, PLIG Platanillo, PLIG Platanillo, etc.

IDC 06:04:57:40.8, 6.4, 009Sx12347E, h50km, mb4km, mb3.3/5, mb1 3.5/6, mb1mx3.4/16, mbmtpp3.6/6, ML3.6/1, MS3.9/1, Ms1 3.9/1, ms1mx2.8/27, Error ellipse: s-maj=123.1km

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include FITZ Fitzroy Crossi, WRA Warrungana Arr, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: BRTR, Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include Les Rejaudoux, VIVF VIVF, ORIF Oris-en-Rattie, ORIF Oris-en-Rattie, MBDF Montbardon, MBDF Montbardon, MFF Saint Martin, MFF Saint Martin, TCF Toulx Ste Croi, TCF Toulx Ste Croi, etc.

IDC 06:04:47:32.9, 1.3, 4154S-8091E, h0km, mb3.8/6, mb1 3.9/6, mb1mx3.8/17, Error ellipse: s-maj=78.7km

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include NWAO Narrogin (SRO), BOSA Boshof, ASAR Alice Springs, STKA Stephens Creek, WRA Warrungana Arr, MKAR Maknanchi Arr, TORD Torodi Arr, etc.

NEIC 06:04:47:54.5, 1594N-9840W, h2km, MD4.3 (MEX), After coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include PNIG Pinotepa, PNIG Pinotepa, UTMO Huajuapán, UTMO Huajuapán, VHO Vista Hermosa, VHO Vista Hermosa, OXX Oaxaca, OXX Oaxaca, CAIG El Cayaco, CAIG El Cayaco, MEIG Mezcala, MEIG Mezcala, PLIG Platanillo, PLIG Platanillo, etc.

IDC 06:04:57:40.8, 6.4, 009Sx12347E, h50km, mb4km, mb3.3/5, mb1 3.5/6, mb1mx3.4/16, mbmtpp3.6/6, ML3.6/1, MS3.9/1, Ms1 3.9/1, ms1mx2.8/27, Error ellipse: s-maj=123.1km

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Rows include FITZ Fitzroy Crossi, WRA Warrungana Arr, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PALMER, DIVIDE, EAGLE, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like EAGLETON, MAPLE CANYON, LAC DU BONNET, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes sections for CASO 06:05:35:41.7, WEL 06:06:13:46.1, and AREQUIPA.

Table with columns for station name, frequency, power, and other technical details. Includes stations like OBN, KBA, OBK, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like DPC, KBA, UPC, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MBDF, JOF, BNI, etc.

6d 7h

Table with columns for station name, coordinates, elevation, and other technical details. Includes stations like Bois d'Agland, Doures, Toulx Ste Croi, etc.

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Table with columns for station name, coordinates, elevation, and other technical details. Includes stations like NJ2, KKM, EBAD, PBRR, etc.

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Table with columns for station name, coordinates, elevation, and other technical details. Includes stations like SNA, SCHO, HNR, etc.

BUJ 06 07:29:16.3, 2597N, 125.48E, h202km, mb4.9, mb4.6
ISCBJ 06 07:29:20.0, 0.3, 26.11N, 005.4, 129.1E, 004, h190km, 3km,
mb4.3/25, Error ellipse: s-maj=8.4km s-min=4.0km

Table with columns for station name, coordinates, elevation, and other technical details. Includes stations like Code, Station Name, Phase ID, Time, Res, etc.

6d 10h

Table with columns: VLS, MGER, NAIG, KVR, ATH, ATH, EVR, LKMR, LKD, LGG, AKG, AGG, KARN, KARN, TH, NEO, XOR, XOR, VAM, VAM, AOS, AOS, IGT, IGT, IGT, IGT, MEV, APE, APE, APE, SNT, SNT, LIT, LIT, PLG, PLG, PLG, LAST, LAST, HORT, HORT, FNA, FNA, FNA, LOS, LOS, LOS, SOH, SOH, SMG, ZKR, ZKR, KND, KND, SRS, SRS, SRS, MMB, MMB, HMAT, HMAT, SWA2, SWA1, HFRF

BJIJ 06 09:12:55.4, 1320N-8880W, h81km, mb4.8
ISCJB 06 09:12:57.8, 0.4, 1304N-007.6899W, 0.04, h77km, 6km, mb4.2/7, Error ellipse: s-maj=12.9km s-min=3.3km az=62.3

IDC 06 09:12:58.1, 2.0, 1346N-8871W, h50km, 25km, mb3.6/2, mb1 3.9/5, mb1mx3.5/23, mbtmp4.0/5, ML4.0/3, MS3.1/1, Ms1 3.1/1, ms1mx2.5/25, Error ellipse: s-maj=58.3km s-min=12.1km az=39.0

CASC 06 09:12:58.6, 1.9, 1301N-8903W, h45km, 19km, MD3.3, ML4.1, mb4.4(NEIC)
NEIC 06 09:13:00.5, 1.1, 1317N-8884W, h82km, 11km, mb4.4/5, MD3.8(SNET), Error ellipse: s-maj=25.1km s-min=9.7km az=216.0

NEIC Feit [J] at San Salvador.
ISC 06 09:12:59.3, 0.4, 1313N-008.8895W, 0.05, h68km, 6km, n57, c190/49, mb4.2/7, 3C-1B, El Salvador

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

Table with columns: TICN, JAT, JAT, CONN, CCIG, CCIG, JTS, JTS, JTS, JTS, EPA, EPA, POA2, PRS1, BUS, CMIG, CMIG, CTOR, SDV, TKL, CCM

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Table with columns: WUAZ, RED, SNOW, MCMT, EGM, SIV, EDM, EDM, YKA, YKA, WMQ, WJ2, WJ2, ASAR, ASAR

IDC 06 09:17:48.2, 1.6, 922S-12390E, h0km, mb4.0/1, mb1 4.0/4, mb1mx3.7/14, mbtmp3.8/4, ML3.8/3, Error ellipse: s-maj=122.7km s-min=25.6km az=63.0, Timor region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

ISCJB 06 09:17:48.1, 4.2, 76S, 0.1, 1548E, 0.2, h50km, 35km, mb4.0/7, MS3.9/1, Error ellipse: s-maj=26.5km s-min=24.6km az=149.3

IDC 06 09:17:51.5, 6.1, 761S-15474E, h68km, 49km, mb3.8/7, mb1 3.9/9, mb1mx3.8/15, mbtmp4.1/9, ML3.5/2, MS3.6/2, Ms1 3.6/2, ms1mx2.9/28, Error ellipse: s-maj=40.3km s-min=24.6km az=91.0

ISC 06 09:17:50.7, 3.7, 77S, 0.1, 1549E, 0.2, h59km, 30km, n12, c0983/11, mb4.0/7, MS3.9/1, 1D, Bougainville - Solomon islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

CASC 06 09:29:21.5, 1.7, 1301N-8906W, h32km, 4km, MD3.5, ML3.0, 6C-6D, El Salvador

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

IDC 06 09:35:34.7, 1.7, 409N-12360E, h0km, mb4.2/4, mb1 4.4/4, mb1mx3.9/19, mbtmp4.3/4, Error ellipse: s-maj=125.5km s-min=22.5km az=66.0, Celebes Sea

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

2006

NEIC 06 10:01:57.7, 0.9, 1787S-6506W, h38km, 14km, mb3.8/1, Error ellipse: s-maj=14.2km s-min=10.6km az=109.0
ISCJB 06 10:01:58.0, 1.1, 1806S-007.6496W, 0.06, h47km, 19km, mb3.7/2, MS3.6/4, Error ellipse: s-maj=12.5km s-min=8.9km az=156.5

ISC 06 10:02:00.1, 0.8, 1806S-007.6498W, 0.06, h50km, 17km, n16, c0917/15, mb3.7/2, MS3.6/4, Central Bolivia

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

ISCJB 06 10:25:26.3, 1.2, 4169N-008.7307E, 0.08, h10km, Error ellipse: s-maj=1.2km s-min=0.7km az=136.8
KNET 06 10:25:26.3, 0.6, 4173N-7320E, h14km, 2km, ml3.0, Error ellipse: s-maj=2.7km s-min=2.2km az=108.0

ISC 06 10:25:27.2, 1.1, 4174N-007.7310E, 0.08, h10km, n12, c1821/21, 10C-7D, Kyrgyzstan

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

CSEM 06 10:35:31.8, 0.2, 8070N-027W, h5km, mb4.0/1, Error ellipse: s-maj=6.8km s-min=5.3km az=38.0
BER 06 10:35:34.1, 3.4, 8076N-050E, h10km, MD2.8, ML3.0(NAO)

IDC 06 10:35:36.6, 1.1, 8061N-178E, h0km, mb3.6/6, mb1 3.8/7, mb1mx3.6/23, mbtmp3.7/7, ML3.5/1, MS3.2/4, Ms1 3.2/4, ms1mx2.8/27, Error ellipse: s-maj=43.6km s-min=16.6km az=44.0

ISCJB 06 10:35:36.2, 0.7, 804N-0.1, 13E, 0.5, h10km, mb3.6/5, MS3.2/2, Error ellipse: s-maj=20.6km s-min=6.7km az=57.6

NAO 06 10:35:37.5, 8.5, 8086N-142E, h49km, 72km, ML3.0
NEIC 06 10:35:38.2, 0.7, 8042N-183E, h10km, mb4.0/1, Error ellipse: s-maj=20.6km s-min=9.2km az=217.0

ISC 06 10:35:37.7, 0.7, 804N-0.1, 15E, 0.5, h10km, n26, c0999/34, mb3.6/5, MS3.2/2, North of Svalbard

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC

Table with columns: CTA, LR, LR, 13 50 09.9, comp=Z,91nm,20.6s,baz=179,slow=34, ARMA Armadale 22.06 203 eP P 13 45 02.4 +1.8, WB2 Warramunga Arr 27.91 247 i/P P 13 45 54.9 +0.3, WRA Warramunga Arr 27.92 247 P P 13 45 54.4 -0.3, STKA Stephens Creek 28.32 218 eP P 13 45 59.4 +1.2, STKA Stephens Creek 28.32 218 P P 13 45 59.5 +1.2, AS31 Alice Springs 29.52 240 eP P 13 46 07.3 -1.5, ASAR Alice Springs 29.52 240 P P 13 46 07.7 -1.1, ASPA Alice Springs 29.52 240 eP P 13 46 07.3 -1.6, FITZ Fitzroy Crossi 35.61 253 P P 13 47 01.3 -0.7, FITZ Fitzroy Crossi 35.61 253 P P 13 47 01.5 -0.5, MBWA Marble Bar 41.55 250 eP P 13 47 51.2 -0.4, VANDA Vanda 67.22 180 P P 13 50 57.5 0.0, SONM Songoing Array 75.65 325 P P 13 51 49.6 +1.5, OSPA South Pole Qui 79.71 180 eP P 13 52 10.4 -0.3, MAW Mawson 83.86 202 P P 13 52 32.7 +0.3, MKAR Makanchi Array 90.16 318 P P 13 53 03.1 +0.1

ISCJB 06 13:45:26.6:1.4,4142N:006:4433E:006,h10km,Error ellipse: s-maj=9.6km s-min=4.9km az=76.3 MOS 06 13:45:26.6:3.4,4140N:44.10E,h34km,mb3.7/1,Error ellipse: s-maj=51.2km s-min=12.4km az=86.7 CSEM 06 13:45:26.6,4140N:44.10E,h34km,mb3.7,After OBN ISC 06 13:45:25.7:1.4,4141N:006:4438E:006,h10km,n9, r125/18,Western Caucasus

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC, TBLG Delisi 0.42 40 P P 13 45 33.4 -0.5, TBLG MTA 0.42 47 P P 13 45 39.9 +0.3, MTA Mtatsminda 0.42 47 P P 13 45 32.9 -1.1, DGRG David-gareji 0.75 86 P P 13 45 39.1 -0.5, DGRG David-gareji 0.75 86 P P 13 45 39.9 +1.3, ZEI Tsey 1.41 345 eP P 13 45 51.3 -1.4, ZEI Tsey 1.41 345 eP P 13 46 12.1 +1.1, LACR Lac 1.42 358 eP P 13 45 53.4 +0.4, LACR Lac 1.42 358 eP P 13 46 13.1 +1.7, DIGR Digorsk uzhe 1.61 339 eP P 13 45 55.1 -1.4, DIGR Digorsk uzhe 1.61 339 eP P 13 46 16.0 -1.4, SNUR Sunjia 1.69 11 eP P 13 45 58.0 +2.7, SNUR Sunjia 1.69 11 eP P 13 46 20.9 +0.8, KORR Kora 1.69 352 eP P 13 45 57.0 +1.7, KORR Kora 1.69 352 eP P 13 46 19.2 -1.0, ARNR Ardon 1.78 358 eP P 13 46 21.8 -1.2

ISCJB 06 13:48:44.0:0.7,4980N:003:14192E:006,h4km,5km,mb3.9/5,Error ellipse: s-maj=6.7km s-min=4.0km az=150.4 IDC 06 13:48:44.3:2.0,4984N:14251E,h0km,mb3.9/5,mb1.4/0.6,mb1mx3.7/2.1,mbtm3.9/6,ML3.9/1,Error ellipse: s-maj=85.4km s-min=20.8km az=72.0 SKHL 06 13:48:44.7:1.6,4979N:14199E,h3km,1km,mb4.3/6,Ms4.2/2 MOS 06 13:48:48.1:0.6,4969N:14192E,h33km,mb4.1/5,Error ellipse: s-maj=38.4km s-min=17.6km az=99.9 ISC 06 13:48:45.9:0.7,4977N:003:14121E:007,h7km,5km,n22, r059/33,mb3.9/5,3C-12,Sakhalin Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC, UGL Ulgorsk 0.69 183 Op P 13 49 08.2 +0.2, UGL Ulgorsk 0.69 183 P P 13 49 13.0, UGL 410nm,0.4s AMB AMB 13 49 01.5, UGL 240nm,0.4s AMB AMB 13 49 01.5, UGL 360nm,0.4s AMB AMB 13 49 02.0, UGL 1µm,1.2s eSg Sg 13 49 09.0 +0.8, UGL 2µm,0.5s A A 13 49 13.0, UGL 4µm,0.5s A A 13 49 13.0, UGL 860nm,0.5s A A 13 49 13.0, UGL 2µm,0.5s A A 13 49 13.0, UGL 1µm,0.5s A A 13 49 13.5, UGL 2µm,0.3s A A 13 49 13.5, UGL 4µm,0.3s A A 13 49 13.5, TYV Tymovskoe 1.15 17 eP P 13 49 08.2 +0.2, TYV Tymovskoe 1.15 17 AMB AMB 13 49 13.0, TYV 367nm,0.5s eSg Sg 13 49 23.0 +0.1, TYV 2µm,2.0s A A 13 49 31.0, TYV 2µm,2.0s A A 13 49 32.5, TYV 600nm,0.8s AMS AMS 13 49 51.0, TYV 2µm,4.0s AMS AMS 13 49 51.0, TYV 2µm,5.0s AMS AMS 13 49 51.0, YSS Yuzh-Sakhalins 2.85 171 eP Pn 13 49 31.5 -0.3, YSS Yuzh-Sakhalins 2.85 171 eP Pn 13 49 32.0, YSS 30nm,0.7s AMB AMB 13 49 32.0, YSS 50nm,0.7s eP P 13 49 39.7 -0.8, YSS 122nm,0.4s iSb Sb 13 50 12.1 -0.1, YSS 180nm,0.9s A A 13 50 18.0, YSS 80nm,0.4s eP Pn 13 50 18.0 -0.3, YSS Yuzh-Sakhalins 2.85 171 eP Pn 13 49 31.2 -0.6, YSS comp=N,30nm,0.7s pmax pmax 13 49 32.0, NKL Nikolayevsk 3.50 346 i/P Pn 13 49 37.0 -3.8, NKL comp=Z,40nm,0.5s AMB AMB 13 49 39.0, NKL comp=Z,10.0nm,0.5s AMB AMB 13 49 39.0, NKL comp=Z,50nm,0.5s eP Pn 13 49 48.0 -0.3, NKL eSb Sn 13 50 18.0 -4.5, NKL eSg Sg 13 50 38.0 -0.5, NKL AMS AMS 13 50 53.7, GRNR Gornyy 3.79 288 eP Pn 13 49 42.2 -2.5, GRNR comp=Z,24nm,0.5s eSg A Sg 13 50 45.5 -2.1, ASAJ Asahikawa 5.66 176 Pn Pn 13 50 11.0 +0.5, ASAJ Asahikawa 5.66 176 Pn Pn 13 50 11.0 +0.5, ASAJ comp=Z,3.0nm,0.3s pmax pmax 13 51 25.0 +0.1, KEY Ternei 6.03 220 eS S 13 50 25.1 +1.5, EKMR Ekimchan 6.62 303 eP Pn 13 50 54.0 +1.3, EKMR comp=Z,3.0nm,0.4s AMB AMB 13 50 57.9, EKMR comp=Z,4.0nm,0.4s AMB AMB 13 50 57.9

Table with columns: EKMR eSg Sg 13 52 19.5 +1.1, EKMR A A 13 52 24.9, EKMR comp=Z,31nm,0.7s A P 13 52 24.9, EKMR comp=Z,11nm,0.7s A P 13 52 24.9, KLR Kul'dur 6.78 269 eP Pn 13 50 25.8 0.0, KLR AMS AMS 13 53 20.5, ZAK Zakamensk 24.75 286 eP P 13 54 11.2 +3.2, MKAR Makanchi Array 39.01 289 P P 13 56 13.7 +0.7, MKAR Makanchi Array 39.01 289 P P 13 56 13.7 +0.7, MKAR pmax pmax 13 56 13.7 +0.7, FINES FINES Array B 57.94 329 P P 13 58 38.2 -0.6, FINES comp=Z,1.2nm,0.6s,mb4.1,baz=6,slow=6.0,SNR=8.4 P P 13 58 38.2 -0.7, FINES FINES Array B 57.94 329 P P 13 58 38.2 -0.7, FINES pmax pmax 13 58 38.2 -0.7, MALIN Malin Array Be 64.72 320 P P 13 59 24.7 -0.1, AKASE Malin Array Be 64.72 320 P P 13 59 24.7 -0.1, AKASE pmax pmax 13 59 24.7 -0.1, WRA Warramunga Arr 69.74 188 P P 13 59 55.9 -0.7, WRA comp=Z,0.8nm,0.8s,mb3.7,baz=4.9,slow=4.9,SNR=9.9 P P 13 59 55.9 -0.7, WRA Warramunga Arr 69.74 188 P P 13 59 55.9 -0.7, WRA pmax pmax 13 59 55.9 -0.7, ASAR Alice Springs 73.47 188 P P 14 00 19.6 +0.5, ASAR comp=Z,0.9nm,0.7s,mb3.8,baz=2.9,slow=5.3,SNR=19 P P 14 00 19.6 +0.5, ASAR Alice Springs 73.47 188 P P 14 00 19.6 +0.5, ASAR pmax pmax 14 00 19.6 +0.5, ASAR comp=Z,1.0nm,0.7s pmax pmax 14 00 19.6 +0.5

IDC 06 14:09:22.6:1.9,289N:12422E,h0km,mb3.3/3,mb1.3/5/3,mb1mx3.3/1.7,mbtm3.3/3,Error ellipse: s-maj=20.42km s-min=26.7km az=63.0,Celebes Sea Code Station Name Δ° AZ° Phase ID Time Res ISC, WRA Warramunga Arr 24.77 157 P P 14 14 46.2 +0.3, AKASE Alice Springs 28.03 161 P P 14 15 15.8 +0.5, MKAR Makanchi Array 56.85 327 P P 14 19 08.9 +0.1

ISCJB 06 14:33:55.4:0.9,328N:01:962E:02,h10km,mb3.4/3,Error ellipse: s-maj=19.7km s-min=14.9km az=19.1 IDC 06 14:33:55.7:1.6,328N:9620E,h0km,mb3.4/3,mb1.3/7/5,mb1mx3.5/22,mbtm3.5/5,ML3.6/2,MS2.8/1,Mst1.2/8.1,ms1mx2.6/24,Error ellipse: s-maj=83.1km s-min=23.4km az=66.0 BUJ 06 14:33:57.8,3289N:9600E,h9km,mb3.9,ML3.3 ISC 06 14:33:57.4:0.9,328N:01:962E:02,h10km,n6,r0536/6,mb3.4/3,Qinghai Code Station Name Δ° AZ° Phase ID Time Res ISC, LSA Lhasa 5.32 235 P Pn 14 35 17.0 +0.1, SONM Songoing Array 16.86 24 Pn Pn 14 37 53.5 +0.1, SONM comp=Z,31nm,19.8s,baz=6.3,slow=7.0 LR LR 14 43 38.9, MKAR Makanchi Array 17.51 327 P Pn 14 38 01.2 -0.4, ZAL Zalesovo 22.60 342 P P 14 38 58.4 +0.4, WRA Warramunga Arr 63.91 140 P P 14 44 30.3 -0.2, ASAR Alice Springs 66.73 142 P P 14 44 48.7 0.0

IDC 06 14:48:59.0:0.4,128N:9720E,h0km,mb4.6/22,mb1.4/7/23,mb1mx4.7/24,mbtm4.6/23,ML4.3/1,MS4.9/18,Ms1.4/9/18,ms1mx4.7/33,Error ellipse: s-maj=15.5km s-min=12.4km az=60.0 MOS 06 14:49:02.8:1.1,135N:9723E,h33km,mb5.3/50,MS5.0/28,Error ellipse: s-maj=8.6km s-min=5.1km az=107.8 ISCJB 06 14:49:02.4:0.2,126N:003:9726E:003,h32km,ms5.1/121,MS5.1/78,Error ellipse: s-maj=4.4km s-min=3.7km az=54.6 BUJ 06 14:49:02.1,114N:9721E,h38km,mb5.6,mb5.3,Ms5.5,Ms2.3 NEIC 06 14:49:03.8:0.2,132N:9725E,mb5.0/54,MS4.9/40,MW5.4,Error ellipse: s-maj=6.2km s-min=4.9km az=218.0, Moment Tensor Solution. s26 Moment tensor: Scale 1017Nm; Mrr:0.00; Mθθ:0.00; Mφφ:0.00; Mrr:0.00; Mθθ:0.00; Mφφ:0.00; Mrr:0.00; Best double couple: M01.500000x1017 NP1: φs131.00000°, δ272.00000°, λ109.00000°. NP2: φs263.00000°, δ26.00000°, λ45.00000°. Principal axes: T 1.4400, P1g59.0000°, Azm67.0000°, N 0.1100, P1g18.0000°, Azm305.0000°; P -1.5500, P1g24.0000°, Azm206.0000°. NEIC Felt [IV] at Güningsstoll: Felt [II] at Sibolga, Sumatra. GCMT 06 14:49:03.8:0.3,076N:9722E,h34km,MW5.3/70, Moment Tensor Solution. s65:c107; s70:c101; Duration: 1s1 Moment tensor: Scale 1017Nm; Mrr:0.55c:03; Mθθ:0.57c:02; Mφφ:0.02c:03; Mrr:0.60c:03; Mθθ:0.78c:02; Mrr:0.20c:04; Best double couple: M01.076000x1017 NP1: φs339.00000°, δ36.00000°, λ142.00000°. NP2: φs101.00000°, δ69.00000°, λ60.00000°. Principal axes: T 0.8430, P1g56.0000°, Azm332.0000°; N 0.4660, P1g28.0000°, Azm113.0000°; P -1.3090, P1g18.0000°, Azm213.0000°; nst1 refers to body waves, cutoff=40s; nst2 refers to surface waves, cutoff=50s. ISC 06 14:49:04.7:0.2,28N:03:9725E:003,h34km,mb3.4/3,mb1.4/3,mb1mx4.7/24,mbtm4.6/23,ML4.3/1,MS4.9/18,Ms1.4/9/18,ms1mx4.7/33,Error ellipse: s-maj=15.5km s-min=12.4km az=60.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC, PSI Prapat 2.27 47 Pn Pn 14 49 39.4 -0.4, PSI 90nm,0.3s,baz=224,slow=6.5,SNR=152 Sn Sn 14 50 15.8 +9.2, PSI Prapat 2.27 47 Pn Pn 14 49 39.4 -0.4, PSI Prapat 2.27 47 Pn Pn 14 50 15.8 +9.2, TSI Tuntungan 2.59 30 P Pn 14 49 44.4 +0.3, PPI Padang Panjang 3.58 118 P Pn 14 49 57.7 0.0, BSI Banda Aceh 4.64 335 P Pn 14 50 09.0 -3.4, IPM Iphoh 4.95 50 P Pn 14 50 17.8 +1.3, KULM Kulim 5.25 401 ePn Pn 14 50 20.6 -0.1, KGM Klang 6.11 83 Pn Pn 14 50 34.5 +1.9, SNG Songkhla 6.67 37 P Pn 14 50 42.0 +0.4, PBA Port Blair 11.26 337 ex x 14 52 47.5, PBA ex x 14 55 31.0, NNT Nongplab 11.53 12 P Pn 14 51 46.9 +0.1, KSM Kuching 13.06 891 ePn Pn 14 52 08.8 +2.1, KKM Nakhon Sawan 14.61 11 P Pn 14 52 30.5 +1.7, KKTK Khon Kaen 15.96 20 P Pn 14 52 49.0 +2.4, CM31 Chiang Mai Arr 17.18 5 eP Pn 14 53 06.1 +4.2, CM31 17nm,0.8s eP P 14 53 15.0 +2.8, CHTO Chiang Mai 17.53 51 eP Pn 14 53 03.9 -2.4, CHTO pmax pmax 14 53 03.9 -2.5, CHTO comp=Z,44nm,1.1s 17.53 51 ePn Pn 14 53 03.9 -2.5, PALK Pallekele 17.54 290 eP Pn 14 53 06.5 0.0, PALK comp=Z,32nm,0.9s 17.54 290 eP Pn 14 53 06.5 0.0, KKM Kota Kinabalu 19.51 75 P Pn 14 53 29.9 -0.5, KKM Kota Kinabalu 19.51 75 P Pn 14 53 29.9 -0.5, MDRM Mersing 20.53 306 eP P 14 53 42.2 +2.2, TMS Tawau 20.82 81 P Pn 14 53 43.7 +0.6, VIS Vishakhapatnam 21.33 321 eP P 14 53 49.0 +0.3, VIS comp=Z,186nm,1.7s,mb5.1 Amb Amb 14 54 04.2

Table with columns: VIS TRD Trivandrum 21.45 290 ex x 14 57 37.2, VIS TRD 21.45 290 eP P 14 53 51.8 +1.8, VIS TRD 21.45 290 Amb Amb 14 53 57.5, comp=Z,65nm,1.2s,mb4.8 eS S 14 57 51.1 +5.1, QIONG Qiongzong 21.55 34 i/P P 14 53 51.0 0.0, QIONG QIONG 21.55 34 AP P 14 53 58.9, QIONG QIONG 21.55 34 eS S 14 57 51.0 +3.1, QIONG QIONG 21.55 34 XS S 14 58 01.1 -1.3, QIONG QIONG 21.55 34 AMB AMB 14 58 01.1 -1.3, comp=Z,74nm,1.8s,mb4.8 LR LR, comp=N,6µm,13.9s,MS5.3 LR LR, comp=E,6µm,15.3s,MS5.3 LR LR, QIONG QIONG 21.55 341 eP P 14 53 49.7 -1.3, comp=Z,88nm,1.3s,mb5.0 LR LR, comp=Z,3µm,21.0s,MS4.7 LR LR, PCI Palu 22.69 95 P P 14 54 03.6 +0.4, comp=Z,90nm,1.6s,mb5.0 P P 14 54 05.4 +0.3, CAL Calcutta 22.86 338 eP P 14 58 13.8 +1.5, CAL 22.86 338 eS S 15 04 28.2, CAL 22.86 338 iX x 15 04 28.2, comp=Z,1µm,0.2s AGT Agartala 23.23 346 i/P P 14 54 10.0 +1.1, AGT 23.23 346 iX x 14 55 05.0, KMI Kunming 24.31 12 P P 14 54 19.7 +0.7, KMI 24.31 12 AP P 14 54 27.9, KMI 24.31 12 XP sP 14 54 33.3 +0.5, KMI 24.31 12 S S 14 54 38.0, KMI 24.31 12 XS sS 14 58 38.2 +2.4, KMI 24.31 12 AMB AMB 14 58 53.2 +1.3, comp=Z,221nm,1.5s,mb5.4 KMI 14 59 37.6, comp=Z,2µm,4.9s KMI 14 59 37.6, comp=N,15µm,16.8s,MS5.6 LR LR, comp=E,6µm,13.4s,MS5.6 LR LR, comp=Z,16µm,15.7s,MS5.6 LR LR, KMI Kunming 24.31 12 P 14 54 19.7 +0.7, KMI 24.31 12 PP 14 54 27.9, KMI 24.31 12 SP sP 14 54 33.3 +0.5, KMI 24.31 12 S 14 54 58.0, KMI 24.31 12 SS 14 58 01.1, KMI 24.31 12 PPP S 14 58 38.2 +2.4, KMI 24.31 12 SS sS 14 58 53.2 +1.3, KMI 24.31 12 S 14 59 37.6, KMI 24.31 12 P 14 54 19.7 +0.7, KMI 24.31 12 sP 14 54 33.3 +0.5, KMI 24.31 12 PP 14 54 58.0, KMI 24.31 12 PPP 14 55 07.4, KMI 24.31 12 S 14 58 38.2 +2.4, KMI 24.31 12 SS sS 14 58 53.2 +1.3, KMI 24.31 12 S 14 59 37.6, KMI 24.31 12 P 14 54 19.7 +0.7, KMI 24.31 12 sP 14 54 33.3 +0.5, KMI 24.31 12 PP 14 54 58.0, KMI 24.31 12 PPP 14 55 07.4, KMI 24.31 12 S 14 58 38.2 +2.4, KMI 24.31 12 SS sS 14 58 53.2 +1.3, KMI 24.31 12 S 14 59 37.6, HYB Hyderabad 24.41 312 i/P P 14 54 22.0 +2.1, HYB 24.41 312 eS S 14 58 37.5 0.0, HYB Hyderabad 24.41 312 eP P 14 54 22.0 +2.1, HYB 24.41 312 eS S 14 58 40.0 +2.5, SHILL Shillong 24.72 348 i/P P 14 54 23.8 +1.1, SHILL SHILL 24.72 348 eS S 14 58 42.0 -0.4, BOK Bokaro 24.97 335 eP P 14 54 26.1 +1.1, BOK 24.97 335 ex x 14 58 35.5, MNGI Mangalore 25.07 299 eP P 14 54 28.4 +2.6, MNGI 25.07 299 iS S 14 58 52.3 +4.6, DGAR Diego Garcia 26.19 250 P PFAKE LR 14 54 50.0 +1.4, DGAR 26.19 250 LR LR, comp=Z,729nm,19.0s,MS4.2 NGP Nagpur 26.57 319 eP P 14 54 40.0 +0.5, NGP 26.57 319 ex x 14 54 48.3, NGP 26.57 319 eS S 14 59 11.8 0.0, HKC Hong Kong 26.62 37 P P 14 54 44.0 +4.1, GYA Guiyang 26.64 19 i/P P 14 54 39.8 -0.3, GYA 26.64 19 AP sP 14 54 49.6 +0.2, GYA 26.64 19 XP sP 14 54 53.1 -0.9, GYA 26.64 19 AMB AMB, comp=Z,60nm,1.4s,mb4.9 GYA 14 54 53.1 -0.9, GYA comp=Z,710nm,7.2s AMB AMB, GYA comp=N,4µm,19.2s,MS5.3 LR LR, GYA comp=E,6µm,17.7s,MS5.3 LR LR, GYA comp=Z,6µm,18.3s,MS5.2 LR LR, GZH Guangzhou 26.74 35 P P 14 54 46.2 +5.2, GZH 26.74 35 P P 14 54 46.2 +5.2, comp=N,5µm,13.4s,MS5.4 LR LR, comp=E,5µm,14.0s,MS5.4 LR LR, GZH 26.74 35 LR LR, comp=Z,12µm,14.0s,MS5.6 BCPH Baguio City Da 27.46 561 eP P 14 54 47.6 +0.1, JBP Jabalpur 27.48 324 i/P P 14 54 49.3 +1.6, JBP 27.48 324 ex x 14 55 03.7, comp=Z,61nm,1.5s JBP 14 55 03.7, JBP 27.73 306 eS S 14 59 28.0 +1.8, KAD Karad 27.73 306 eP P 14 54 56.3, KAD 27.73 306 Amb Amb 14 54 56.3, comp=Z,18nm,1.2s,mb4.6 JIRN Jiri 28.31 339 eP P 14 54 56.5 +1.4, comp=Z,6.1nm,0.3s,mb4.7 JIRN 14 54 56.5 +1.4, PKI Pulchoki 28.52 338 eP P 14 54 58.9 +0.8, GUN Gumba 28.65 339 eP P 14 54 58.9 +0.8, comp=Z,281nm,0.8s,mb6.0 POO Poona 28.67 308 eP P 14 54 57.0 -1.2, comp=Z,20nm,1.0s,mb4.8 POO 14 55 52.5, DMN Daman 28.67 337 eP P 14 54 59.4 +1.1, comp=Z,92nm,0.9s,mb5.7 DMN 14 54 59.4 +1.1, KKN Kakani 28.77 338 eP P 14 54 59.7 +0.6, comp=Z,158nm,1.0s,mb5.7 KKN 14 54 59.7 +0.6, DAV Davao City (W) 28.83 78 LR LR 14 55 02.0 +2.4, comp=Z,3µm,21.0s,MS4.8 DAV 14 55 02.0 +2.4, LSA Lhasa 28.88 349 P P 14 55 01.8 +1.7, LSA 28.88 349 i/P P 14 55 00.7 +0.6, comp=Z,28nm,0.7s,mb5.1 LSA 14 55 00.7 +0.6, LSA 28.88 349 MLR MLR, comp=Z,3µm,20.0s,MS4.9 LSA 14 55 00.7 +0.6, comp=Z,28nm,0.7s,mb5.1 LSA 14 55 00.7 +0.6, comp=Z,3µm,20.0s,MS4.9 LSA 14 55 00.7 +0.6, BHPL Bhopal 29.12 320 eP P 14 55 03.1 +0.9, BHPL 29.12 320 Amb Amb 14 55 12.3, comp=Z,28nm,1.0s,mb5.0 GKN Gorkha 29.21 337 eP P 14 55 03.3 +0.3, comp=Z,170nm,0.9s,mb5.8 GKN 14 55 03.3 +0.3, BOL Koldanda 29.43 335 eP P 14 55 05.4 +0.4, comp=Z,96nm,0.7s,mb5.6 BOL 14 55 05.4 +0.4, Poo Bombay 29.68 308 eS S 15 00 03.9 +3.1, CD2 Chengdu 30.13 11 i/P P 14 55 11.4 +0.2, CD2 30.13 11 AP P 14 55 24.2 +3.2, CD2 30.13 11 XP sP 14 55 28.5 +3.4, CD2 30.13 11 PP PP 14 56 10.7 -8.8, CD2 30.13 11 PCP PCP 14 58 11.7 -0.4, CD2 30.13 11 S S 15 00 03.9 -3.9, CD2 30.13 11 XS sS 15 00 21.1 -2.8, CD2 30.13 11 SCS SCS 15 05 43.2 -4.1, AMB AMB, comp=Z,40nm,0.6s,mb5.3 CD2 14 55 02.0 +2.4, comp=Z,300nm,4.7s CD2 14 55 02.0 +2.4, comp=N,5µm,16.2s,MS5.4 LR LR, comp=E,6µm,15.6s,MS5.4 LR LR, comp=Z,6µm,14.4s,MS5.4 LR LR, QZH Quanzhou 31.30 39 P P 14 55 22.8 +1.3, QZH 31.30 39 S S 15 00 29.3 +3.2, comp=N,12µm,13.8s,MS5.8 QZH 14 55 22.8 +1.3

6d 14h

OZH	comp=E,5um,13.4s,MS5.8	LR	LR		
MBWA	comp=Z,13um,14.4s,MS5.8	LR	LR		
MBWA	Marble Bar 31.30 137 eP P	14 55 20.9	-0.7		
MBWA	comp=Z,27nm,1.1s,mb5.0	LR	LR		
NACB	comp=Z,4um,21.0s,MS5.0				
Ninganchiao	32.78 44 P P	14 55 34.0	-0.5		
YHNB	Yeheng 32.95 43 P P	14 55 33.8	-2.2		
AJMJ	Ajmer 33.19 321 eP P	14 55 36.8	+0.7		
AJMJ	comp=Z,54nm,1.1s,mb5.4	AMB	AMB		
NDI	New Delhi 33.31 327 eP P	14 55 38.8	-0.4		
NDI	comp=Z,119nm,0.2s	AMB	AMB		
WHN	Wuhan 33.34 27 iP P	14 55 39.3	-0.1		
FITZ	Fitzroy Crossi 33.92 126 iP P	14 55 42.8	-1.7		
FITZ	comp=Z,13nm,0.8s,mb4.9				
FITZ	Fitzroy Crossi 33.92 126 iP P	14 55 43.3	-1.2		
FITZ	comp=Z,6.1nm,0.6s,mb4.7,baz=120,slow=12				
XAN	Xi'an 34.40 17 P P	14 55 47.2	-1.4		
XAN	comp=Z,92nm,1.4s,mb5.5	AMB	AMB		
XAN	comp=Z,395nm,14.2s	AMB	AMB		
XAN	comp=N,2um,17.2s,MS5.3	LR	LR		
XAN	comp=E,5um,16.9s,MS5.3	LR	LR		
XAN	comp=Z,7um,16.9s,MS5.5	LR	LR		
LZH	Lanzhou 35.19 9 iP P	14 55 55.6	+0.1		
LZH	AP pP	14 56 03.3	-2.0		
LZH	XP pP	14 56 08.3	-1.1		
LZH	PP pP	14 57 15.8	+0.2		
LZH	PPP pP	14 57 34.0			
LZH	eS S	15 01 25.0	-1.5		
LZH	XS sS	15 01 40.0	-2.7		
LZH	SS sS	15 03 48.0	-1.2		
LZH	AMB AMB				
LZH	comp=Z,72nm,1.5s,mb5.4	AMB	AMB		
LZH	comp=Z,250nm,4.5s	AMB	AMB		
LZH	comp=N,6um,15.8s	LR	LR		
LZH	comp=Z,7um,17.6s,MS5.5	LR	LR		
LZH	Lanzhou 35.19 9 iP P	14 55 55.6	+0.1		
LZH	pP pP	14 56 03.3	-2.0		
LZH	sP sP	14 56 08.3	-1.1		
LZH	PP pP	14 57 15.8	+0.2		
LZH	PPP pP	14 57 34.0			
LZH	eS S	15 01 25.0	-1.5		
LZH	XS sS	15 01 40.0	-2.7		
LZH	SS sS	15 03 48.0	-1.2		
LZH	AMB AMB				
SDNR	Sundarnagar 35.67 329 eP P	14 56 00.3	+0.7		
NJ2	Nanjing 36.79 31 eP P	14 56 07.9	-1.2		
NJ2	AP pP	14 56 17.3	-1.7		
NJ2	XP pP	14 56 21.2	-1.9		
NJ2	PP pP	14 57 34.1	+0.9		
NJ2	S S	15 01 49.0	-1.9		
NJ2	XS sS	15 02 06.0	-1.2		
NJ2	AMB AMB				
NJ2	comp=Z,180nm,1.2s,mb5.8	AMB	AMB		
NJ2	comp=Z,1um,4.2s	AMB	AMB		
NJ2	comp=N,150nm,15.4s,MS4.5	LR	LR		
NJ2	comp=E,640nm,14.0s,MS4.5	LR	LR		
NJ2	comp=Z,1um,15.0s,MS4.8	LR	LR		
THN	Thein Dam 37.05 329 eP P	14 56 10.2	-1.2		
SSE	Sheshan 37.34 35 eP P	14 56 14.0	+0.2		
SSE	AP pP	14 56 22.9	+0.8		
SSE	PP pP	14 57 39.4	+0.1		
SSE	S S	15 01 59.8	+0.5		
SSE	ScS ScS	15 06 25.8	+0.8		
SSE	AMB AMB				
SSE	comp=Z,49nm,0.7s,mb5.5	AMB	AMB		
SSE	comp=Z,405nm,5.3s	AMB	AMB		
SSE	comp=N,952nm,21.6s,MS4.8	LR	LR		
SSE	comp=E,2um,21.6s,MS4.8	LR	LR		
SSE	comp=Z,2um,15.6s	LR	LR		
KAKA	Kakadu 37.58 113 eP P	14 56 14.1	-1.7		
KALBR	Kellerberrin 38.02 151 eP P	14 56 21.7	+2.1		
GTA	Gaotai 38.05 3 P P	14 56 19.4	-0.4		
GTA	AP pP	14 56 30.0	+0.3		
GTA	XP pP	14 56 33.8	+0.1		
GTA	PP pP	14 57 49.0	+2.0		
GTA	PCP pP	14 58 35.5	+1.0		
GTA	S S	15 02 08.7	-1.3		
GTA	XS sS	15 02 23.6	-2.7		
GTA	SS sS	15 04 46.1	-1.2		
GTA	ScS ScS	15 06 28.0	-1.1		
GTA	AMB AMB				
GTA	comp=Z,44nm,1.0s,mb5.1	AMB	AMB		
GTA	comp=Z,529nm,6.1s	AMB	AMB		
GTA	comp=N,3um,15.2s,MS5.4	LR	LR		
GTA	comp=E,3um,14.8s,MS5.4	LR	LR		
GTA	comp=Z,4um,19.4s,MS5.2	LR	LR		
NWAO	Narogin (SRO) 38.88 153 LR LR	15 11 55.6			
JOW	Kunigami 39.17 47 P P	14 56 30.1	+0.9		
JOW	comp=Z,32nm,0.4s,mb4.1,baz=198,slow=7.6,SNR=4.3				
BTO	Baotou 40.85 15 eP P	14 56 42.7	-0.4		
BTO	comp=N,2um,14.2s,MS5.2	LR	LR		
BTO	comp=E,2um,16.7s,MS5.2	LR	LR		
HHC	Hu-ho-hao-tse 41.49 16 eP P	14 56 49.4	+1.0		
HHC	AP pP	14 56 59.4	+1.0		
HHC	XP pP	14 57 03.8	+1.4		
HHC	PP pP	14 58 28.0	+3.4		
HHC	PCP pP	14 58 45.9	+0.3		
HHC	S S	15 03 03.9	+2.3		
HHC	XS sS	15 03 19.1	+1.1		
HHC	SS sS	15 06 04.7	-2.0		
HHC	AMB AMB				
HHC	comp=Z,42nm,2.2s,mb4.7	AMB	AMB		
HHC	comp=Z,557nm,6.8s	AMB	AMB		
HHC	comp=N,5um,15.9s,MS5.6	LR	LR		
HHC	comp=E,3um,14.5s,MS5.6	LR	LR		
HHC	comp=Z,6um,16.9s,MS5.5	LR	LR		
WRA	Warramunga Arr 42.02 122 P P	14 56 52.0	-0.8		
WRA	comp=Z,12nm,0.6s,mb4.7,baz=301,slow=9.1,SNR=140	LR	LR		
WRA	comp=Z,2um,19.7s,MS4.9,baz=290,slow=41	LR	LR		
WRAB	Tennant Creek 42.03 122 P P	14 56 52.2	-0.6		
WRAB	comp=Z,152nm,0.5s,mb5.9,SNR=16				
WRAB	Tennant Creek 42.03 122 P P	14 56 52.6	-0.2		
WB2	Warramunga Arr 42.03 122 eP P	14 56 51.9	-0.9		
BJT	Baijiatou 42.25 22 eP P	14 56 54.9	+0.3		
BJT	comp=Z,33nm,0.7s	pmax	pmax		
BJT	comp=Z,2um,19.0s	MLR	MLR		
BJT	Baijiatou 42.25 22 eP P	14 56 54.9	+0.3		
BJT	comp=Z,33nm,0.7s,mb5.1	LR	LR		
BJT	comp=Z,2um,19.0s,MS5.0	LR	LR		
BJI	Beijing 42.27 22 P P	14 56 54.9	+0.1		
BJI	comp=Z,53nm,0.9s,mb5.2	AMB	AMB		
BJI	comp=Z,1um,4.4s	AMB	AMB		
BJI	comp=N,1um,17.8s,MS5.2	LR	LR		
BJI	comp=Z,65nm,1.4s	LR	LR		

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BJI	comp=E,2um,16.7s,MS5.2	LR	LR		
KSH	comp=Z,2um,25.4s	P	P		
Kashi	42.74 336 eAP pP	14 56 59.1	+0.5		
KSH	eAP pP	14 57 09.0	+0.4		
KSH	eXP pP	14 57 13.1	+0.5		
KSH	ePP pP	14 58 41.4	+3.4		
KSH	ePCP pP	14 58 51.1	+1.4		
KSH	ePPP pP	14 59 15.4			
KSH	eSCP eS	15 02 37.3	-0.8		
KSH	eS S	15 03 19.7	-0.3		
KSH	eXS sS	15 03 36.8	+0.3		
KSH	eSS sS	15 06 26.2	-5.2		
KSH	eSScS sS	15 06 55.2	-1.8		
KSH	AMB AMB				
KSH	comp=Z,515nm,6.3s	LR	LR		
KSH	comp=N,2um,16.8s,MS5.4	LR	LR		
KSH	comp=E,4um,18.4s,MS5.4	LR	LR		
KSH	comp=Z,3um,17.0s,MS5.2	LR	LR		
WMQ	Urumqi 43.23 350 iP P	14 57 03.1	+0.6		
WMQ	AP pP	14 57 15.5	+3.0		
WMQ	XP pP	14 57 21.0	+4.4		
WMQ	PP pP	14 58 46.0	+2.7		
WMQ	PPP pP	14 59 21.0			
WMQ	SCP ScP	15 02 41.0	+1.0		
WMQ	S S	15 03 25.0	-2.2		
WMQ	XS sS	15 03 46.0	+2.3		
WMQ	ScS ScS	15 06 57.0	-3.1		
WMQ	AMB AMB				
WMQ	comp=Z,59nm,1.2s,mb5.2	AMB	AMB		
WMQ	comp=Z,583nm,5.6s	AMB	AMB		
WMQ	comp=N,6um,17.2s,MS5.7	LR	LR		
WMQ	comp=E,6um,20.4s,MS5.7	LR	LR		
WMQ	comp=Z,5um,24.7s,MS5.3	LR	LR		
FORT	Forrest 43.29 140 eP P	14 57 03.9	+0.9		
WSAR	Wadi Sarin 43.36 303 LR LR	15 15 29.6			
WSAR	comp=Z,13nm,18.9s,MS4.5,baz=38,slow=37				
ASPA	Alice Springs 43.39 127 eP P	14 57 03.3	-0.5		
ASAR	Alice Springs 43.39 127 P P	14 57 03.4	-0.4		
ASAR	comp=Z,3.3nm,0.4s,mb4.5,baz=300,slow=7.3,SNR=184				
ASAR	comp=Z,0.8nm,0.9s,baz=311,slow=3.2,SNR=4	ScP ScP	15 02 43.9	+3.2	
AS31	Alice Springs 43.39 127 eP P	14 57 03.3	-0.5		
DL2	Dalian 43.60 28 iP P	14 57 06.3	+0.7		
DL2	AP pP	14 57 16.7	+1.1		
DL2	XP pP	14 57 20.2	+0.6		
DL2	S S	15 03 35.9	+3.2		
DL2	XS sS	15 03 49.6	+0.4		
DL2	AMB AMB				
DL2	comp=Z,40nm,1.2s,mb5.0	AMB	AMB		
DL2	comp=Z,220nm,4.2s	LR	LR		
DL2	comp=N,740nm,15.1s,MS4.9	LR	LR		
DL2	comp=E,1um,16.8s,MS4.9	LR	LR		
DL2	comp=Z,1um,14.4s,MS5.0	LR	LR		
UCH	Uchter 45.62 336 P P	14 57 22.6	+1.0		
TKM2	Tokmak 2 45.78 338 P P	14 57 23.5	+0.6		
TKM2	SNR=17				
KBK	Karagaybulak 45.81 337 P P	14 57 24.0	+0.9		
AML	Almayashu 45.87 336 P P	14 57 24.3	+0.7		
AML	SNR=23				
AAK	Ala-Archa 45.97 337 P P	14 57 25.1	+0.7		
AAK	comp=Z,98nm,0.6s,mb5.9,SNR=8.3				
AAK	Ala-Archa 45.97 337 P P	14 57 26.4	+2.0		
AAK	Ala-Archa 45.97 337 eP P	14 57 25.0	+0.6		
AAK	comp=Z,6.0nm,0.5s,mb4.8	pmax	pmax		
AAK	Ala-Archa 45.97 337 eP P	14 57 23.9	-0.5		
AAK	comp=Z,47nm,1.2s,mb5.3	LR	LR		
FRU	comp=Z,485nm,19.0s,MS4.5	LR	LR		
FRU	Bishkek 46.09 337 eP P	14 57 26.0	+0.6		
FRU	eS S	14 57 42.5			
FRU	eS S	15 04 08.0	-0.7		
FRU	pmax pmax	15 04 22.0			
FRU	comp=Z,270nm,3.0s	MLR	MLR		
CHMS	Chumyshy 46.18 337 P P	14 57 26.2	+0.2		
EKS2	Erkin-Say 46.28 336 P P	14 57 27.8	+0.9		
USP	Ospenovka 46.50 337 P P	14 57 28.7	+0.1		
USP	SNR=25				
SNY	Shenyang 46.83 27 iP P	14 57 31.0	-0.2		
SNY	AP pP	14 57 41.8	+0.5		
SNY	XP pP	14 57 44.0	-0.7		
SNY	PP pP	14 59 23.5	+2.0		
SNY	XS sS	15 04 40.6	+4.7		
SNY	AMB AMB				
SNY	comp=Z,55nm,1.3s,mb5.3	AMB	AMB		
SNY	comp=Z,410nm,5.9s	LR	LR		
SNY	comp=N,2um,15.0s,MS5.5	LR	LR		
SNY	comp=E,3um,16.2s,MS5.5	LR	LR		
SNY	comp=Z,4um,14.4s,MS5.5	LR	LR		
SONM	Songino Array 47.07 8 P P	14 57 32.8	-0.2		
SONM	comp=Z,9.5nm,0.5s,mb5.0,baz=190,slow=9.6,SNR=87	PcP PcP	14 59 04.7	+0.1	
MKAR	Makanchi Array 47.20 346 P P	14 57 33.8	-0.2		
MKAR	comp=Z,4.9nm,0.5s,baz=184,slow=4.0,SNR=9.2				
MKAR	Makanchi Array 47.20 346 iP P	14 57 33.7	-0.4		
MKAR	comp=Z,22nm,0.5s,mb5.3,baz=161,slow=8.5,SNR=300	pmax pmax			
KK31	Karatay Array 48.03 334 iP P	14 57 40.1	-0.4		
KK31	comp=Z,22nm,0.5s	pmax	pmax		
ZAK	Zakamensk 49.21 5 eP P	14 57 49.0	-0.6		
CN2	Changchun 49.23 27 iP P	14 57 51.4	+1.7		
CN2	eAP pP	14 57 58.6	-1.3		
CN2	eXP sP	14 58 02.5	-1.4		
CN2	eS S	15 04 54.2	+0.9		
CN2	AMB AMB				
CN2	comp=Z,40nm,1.4s,mb5.3	AMB	AMB		
CN2	comp=Z,200nm,5.0s	LR	LR		
CN2	comp=N,4um,15.0s,MS5.6				

6d 16h

Table with columns: SBA, NB2, NOA, BSEIG, KEST, LST, LPGA, LPGA, NVL, MAIT, GSPA, SNA, SNA, SNA, SNA, DAG, DAG, TOR, TOR, IM, ES, ES, ES, COLA, COLA, MCK, MCK, MCK, MCK, PMR, PMR, DBIC, DBIC, TBI, TBI, PPT, PPT, TAOE, RKT, RKT, RKT, MCM, MCM, ULM, NVAR, PDAR, PDAR, DUG, MSU, PLCA, MIAR, JCT, CPUP, CPUP, HKT, LPAZ, LPAZ

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

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

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

IDC 06 16:08:34.0:1.0, 5001N:17883W, h0km, mb3.8/7, mb1 4.1/8, mb1mx3.8/23, mbtimp3.9/8, ML3.9/1, Error ellipse: s-maj=36.7km s-min=22.8km az=135.0, ISCJB 06 16:08:34.2:0.8, 5021N:0.1:1789W:0.1, h10km, mb3.8/7, Error ellipse: s-maj=17.1km s-min=10.9km az=61.1, NEIC 06 16:08:38.4, 5013N:17895W, h10km, ML3.4(AEIC), After PDG

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

ISCJB 06 16:08:35.2:6.6, 5020N:0.1:1789W:0.2, h7km, n12, e094/14, mb3.8/7, Andreanof Islands

ISCJB 06 16:20:16.3:0.4, 4236N:002:1988E:0.0, h10km, Error ellipse: s-maj=3.7km s-min=2.8km az=64.8, NEIC 06 16:20:17.5, 4240N:1982E, h11km, ML2.7(PDG), After PDG

PDG 06 16:20:17.5:0.2, 4240N:1982E, h11km, 2km SKO 06 16:20:20.2, 4232N:1993E, h11km

ISC 06 16:20:17.2:0.4, 4237N:002:1988E:0.0, h10km, n15, e086/28, 4C-6D, Northwestern Balkan Peninsula

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

ISCJB 06 16:25:26.7:0.3, 5006S:005:11470W:0.0, h10km, mb4.8/36, MS5.3/75, Error ellipse: s-maj=8.9km s-min=7.8km az=151.3

IDC 06 16:25:26.5:0.5, 4996S:11465W, h0km, mb4.5/16, mb1 4.6/16, mb1mx4.6/20, mbtimp4.4/16, MS5.3/26, MS1 5.3/20, ms1mx5.3/28, Error ellipse: s-maj=20.8km s-min=14.4km az=158.0

NEIC 06 16:25:27.0:2.501S:11460W, h10km, mb4.9/31, MS5.4/50, Error ellipse: s-maj=11.7km s-min=9.1km az=141.0

MOS 06 16:25:27.6:1.9, 5001S:11468W, h10km, mb5.2/18, Error ellipse: s-maj=24.8km s-min=12.6km az=78.6

GCMT 06 16:25:27.6:0.1, 4999S:11460W, h12km, MW5.7/99, Moment Tensor Solution. s92,c195; s99,c272; Duration: 1s8 Moment tensor: Scale 10^17Nm; Mm-0.35t:04; Mm2:31.05; Mm3:1.96e:05; Mo:0.71t:13; Mw:4.47t:04; Mw:0.93t:14; Best double couple: Mw:0.7000t:017; Mw:1.03:0000t:0; Mw:0.0000t:0; Mw:0.0000t:0; NP2:12.0000t:0; Mw:0.0000t:0; Principal axes: T:5.3400, P:11.0000; Azm3:70.0000; N-0.5200, P:178.0000, Azm1:74.0000; P-4.8170, P:165.0000; Azm5:0000; nsta:1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=50s.

BUI 06 16:25:27.5, 5010S:11460W, h10km, mb5.6, MS5.5, MSz5.4

SZGRF 06 16:25:29.5, 4942S:11520W, h33km, mb5.5, Southern East Pacific Rise

ISC 06 16:25:28.1:0.3, 5000S:005:11473W:0.0, h10km, (h19km, 1.2km) P, n25.1, 1521/63, mb4.8/36, MS5.3/75, 22C-8D, Southern East Pacific Rise

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

PLCA	comp=Z,57nm,1.8s,mb5.1	LR	LR		
EFI	comp=Z,5um,20.0s,MS5.2				
EFI	East Falkland 35.06 115	PFAKE	LR	16 32 30.0	+8.9
TBI	comp=Z,2um,20.0s,MS4.9				
TBI	Tubuai 37.96 302	eS	S	16 38 37.1	-0.6
TBI	comp=Z,1um,28.8s				
TBI	comp=Z,4um,26.2s	eLQ		16 41 18.0	
CFAA	comp=Z,1.0um,28.0s,baz=150	eLR	LR	16 42 56.8	
CFAA	Coronel Fontan 38.97 80	P	P	16 32 53.3	-1.1
CFAA	comp=Z,2.3nm,1.1s,mb3.8,baz=224,slo=10,SNR=8.4				
CFAA	comp=Z,680nm,21.4s,MS4.4,baz=227,slo=30			16 44 56.2	
TRQA	Tornquist 38.98 93	eP	P	16 32 53.6	-0.9
TRQA	comp=Z,37nm,1.3s,mb5.0				
SBA	comp=Z,5um,22.0s,MS5.3				
SBA	Scott Base 39.30 199	eP	P	16 32 54.1	-3.1
SBA	comp=Z,53nm,1.8s,mb5.0	eP	Pmax		
SBA	comp=Z,2um,21.0s,MS4.9				
SBA	Scott Base 39.30 199	eP	P	16 32 54.1	-3.1
SBA	comp=Z,53nm,1.8s,mb5.0	e	LR	16 33 05.5	
QSPA	comp=Z,2um,21.0s,MS4.9				
QSPA	South Pole Qui 40.20 180	eP	P	16 33 06.7	+2.0
QSPA	comp=Z,23nm,0.9s,mb4.9				
VNDA	comp=Z,2.0nm,21.0s				
VNDA	Vanda 40.39 199	P	P	16 33 07.6	+1.5
VNDA	comp=Z,2.4nm,1.1s,mb3.8,baz=98,slo=7.0,SNR=6.1				
VNDA	Vanda 40.39 199	eP	Pmax	16 33 08.5	+2.3
VNDA	comp=Z,22nm,1.6s	MLR	MLR		
VNDA	comp=Z,2um,19.0s				
VNDA	Vanda 40.39 199	eP	P	16 33 08.5	+2.4
VNDA	comp=Z,22nm,1.6s,mb4.6				
PPT	comp=Z,2um,19.0s,MS5.0				
PPT	Papeete 42.75 307	eS	S	16 39 48.7	-0.5
PPT	comp=Z,3um,25.5s	eLQ		16 43 13.5	
PPT	comp=Z,25um,27.5s	eLR	LR	16 44 51.2	
PPT	comp=Z,19um,27.0s,baz=149				
PPT	Papeete 42.75 307	LR	LR	16 46 59.0	
LVC	comp=Z,5um,18.3s,MS5.4,baz=143,slo=30				
LVC	Limon Verde 44.96 70	P	P	16 33 43.6	+0.3
LVC	comp=Z,15nm,1.1s,mb4.6,baz=223,slo=7.4,SNR=7.3				
LVC	comp=Z,5um,18.7s,MS5.5,baz=225,slo=30				
LVC	Limon Verde 44.96 70	eP	P	16 33 42.4	-0.9
LVC	comp=Z,18nm,1.0s,mb4.9				
RAR	comp=Z,5um,20.0s,MS5.4				
RAR	Rarotonga 45.56 292	LR	LR	16 47 42.4	
TAOE	comp=Z,806nm,19.4s,MS4.7,baz=142,slo=29				
TAOE	Nuku Hiva Isla 46.15 324	eS	S	16 40 36.2	-2.5
TAOE	comp=Z,9um,28.7s				
TAOE	comp=Z,7um,23.9s	eLQ		16 44 26.3	
TAOE	comp=Z,42um,26.7s,baz=176	eLR	LR	16 46 45.1	
VNA3	Neumayer Olym 48.04 155	i/P	P	16 34 04.0	-3.5
VNA3		e	pP	16 34 07.7	-3.0
VNA3		e		16 34 12.1	
VNA3		e		16 34 17.4	
VNA3		e		16 34 23.8	
VNA3		e		16 34 29.6	
VNA3		e		16 34 30.6	
VNA3		e		16 34 43.1	
VNA3		e		16 34 55.9	
VNA3		e		16 34 20.0	+1.0
SNZO	South Karori 48.39 252	PFAKE	LR		
SNZO	comp=Z,5um,20.0s,MS5.5				
URZ	Urewera 48.70 257	LR	LR	16 50 25.9	
URZ	comp=Z,5um,19.2s,MS5.5,baz=124,slo=31				
VNA1	Neumayer-Stat 48.76 155	i/P	P	16 34 13.0	0.0
VNA1		e	pP	16 34 16.2	0.0
VNA1		e		16 34 20.1	
VNA1		e		16 34 23.8	
VNA1		e		16 34 29.6	
VNA1		e		16 34 30.6	
VNA1		e		16 34 43.1	
VNA1		e		16 34 46.1	
NNA	Nana 49.00 53	PFAKE	LR	16 34 30.0	+1.5
NNA	comp=Z,2um,20.0s,MS5.0				
RPZ	Rata Peaks 49.21 247	LR	LR	16 49 32.6	
RPZ	comp=Z,3um,21.5s,MS5.3,baz=105,slo=29				
CPUP	Villa Florida 49.53 84	P	P	16 34 18.5	-0.4
CPUP	comp=Z,6.7nm,1.0s,mb4.6,baz=222,slo=8.7,SNR=4.5				
CPUP	comp=Z,6um,17.0s,MS5.6,baz=215,slo=32				
CPUP	Villa Florida 49.53 84	eP	Pmax	16 34 18.2	-0.7
CPUP	comp=Z,69nm,1.4s	MLR	MLR		
CPUP	comp=Z,825nm,20.0s				
CPUP	Villa Florida 49.53 84	eP	P	16 34 18.2	-0.7
CPUP	comp=Z,69nm,1.4s,mb5.5				
CPUP	comp=Z,825nm,20.0s,MS4.7				
CPUP	Sanae 49.57 157	P	P	16 34 18.0	-1.3
CPUP	comp=Z,2.5nm,1.1s,mb4.2,baz=266,slo=6.4,SNR=9.1				
SNA3	Sanae 49.57 157	i/P	P	16 34 16.7	-2.5
SNA3		e	pP	16 34 21.0	-1.4
SNA3		e		16 34 24.3	
SNA3		e		16 34 37.3	
SNA3		e		16 34 44.6	
SNA3		e		16 34 48.4	
SNA3		e		16 34 58.3	
SNA3	Sanae 49.57 157	eP	P	16 34 17.8	-1.4
SNA3	comp=Z,36nm,1.6s	eP	Pmax		
SNA3	Sanae 49.57 157	eP	P	16 34 17.8	-1.5
LPAZ	comp=Z,36nm,1.6s,mb5.2				
LPAZ	La Paz 50.30 65	P	P	16 34 25.1	+0.3
LPAZ	comp=Z,6.8nm,0.9s,mb4.7,baz=184,slo=7.3,SNR=11				
LPAZ	comp=Z,3um,19.1s,MS5.3,baz=33,slo=30			16 50 36.0	
LPAZ	La Paz 50.30 65	eP	P	16 34 24.4	-0.4
LPAZ	comp=Z,3um,19.1s,MS5.3,baz=33,slo=30				
LPAZ	comp=Z,119nm,2.1s	MLR	MLR		
LPAZ	comp=Z,3um,19.0s				
LPAZ	La Paz 50.30 65	eP	P	16 34 24.4	-0.4
LPAZ	comp=Z,119nm,2.1s,mb5.5				
RAO	comp=Z,3um,19.0s,MS5.4				
RAO	Raoul Island 51.27 269	LR	LR	16 50 24.5	
RAO	comp=Z,1um,19.1s,MS5.0,baz=234,slo=29				
RAO	Raoul Island 51.27 269	PFAKE	LR	16 34 40.0	+7.9
PAYG	comp=Z,3um,19.0s,MS5.4				
PAYG	Puerto Ayora 53.39 31	PFAKE	LR	16 35 00.0	+1.2
MAIT	comp=Z,5um,20.0s,MS5.6				
NVL	Maitri 53.58 161	eP	P	16 34 50.0	+0.8
NVL	N'lazarevskaya 53.60 161	i/P	P	16 34 50.7	+1.3
NVL		e		16 36 04.6	
NVL		i/S	S	16 42 30.7	+7.9
NVL		eSS	Pmax	16 48 00.1	
OTAV	comp=Z,31nm,1.6s,mb5.0				
OTAV	Otavallo 58.86 44	PFAKE	LR	16 35 40.0	+1.3
SAML	comp=Z,2um,20.0s,MS5.2				
SAML	Samuel 59.03 64	eP	P	16 35 25.5	-2.6
SAML	comp=Z,18nm,1.5s,mb4.9				
SAML	comp=Z,2um,20.0s,MS5.3				
SYO	Siowa Base 59.80 170	i/P	P	16 35 32.8	-0.7
SYO	Siowa Base 59.80 170	eP	P	16 36 14.2	-5.9
MIR	Mirnyy 61.87 192	eP	P	16 35 52.0	+4.5
MIR	comp=Z,200nm,2.0s				
MIR	comp=N,2um,17.0s	MLR	MLR		
MAW	Mawson 62.71 179	P	P	16 35 52.9	-0.3
MAW	comp=N,5.9nm,1.1s,mb4.6,baz=190,slo=9.4,SNR=8.6				
MAW		LR	LR	17 02 10.2	

MAW	Mawson 62.71 179	eP	P	16 35 53.2	0.0
MAW	comp=N,14nm,1.1s,mb5.0				
TAU	comp=Z,1.1um,20.0s,MS5.0				
TAU	Tasmania Univ 63.09 235	PFAKE	LR	16 36 10.0	+1.4
BDFB	comp=Z,2um,20.0s,MS5.2				
BDFB	Brasilia 63.23 82	LR	LR	17 00 27.8	
BDFB	comp=Z,4um,19.9s,MS5.6,baz=55,slo=33				
BDFB	Brasilia 63.23 82	PFAKE	LR	16 36 10.0	+1.3
BDFB	comp=Z,2um,20.0s,MS5.8				
ROSC	El Rosal 63.23 82	LR	LR	17 00 26.5	
JTS	comp=Z,2um,18.2s,MS5.4,baz=19,slo=32				
JTS	JuntasAbangare 65.44 33	eP	P	16 36 11.8	+0.7
JTS	JuntasAbangare 65.44 33	P	P	16 36 09.6	-1.5
JTS	comp=Z,12nm,1.0s,mb4.9				
DZM	comp=Z,694nm,21.0s,MS4.8				
DZM	Mont Dzumac 66.34 263	LR	LR	16 58 18.3	
CNB	comp=Z,3um,21.3s,MS5.4,baz=304,slo=30				
CNB	Canberra Magne 67.34 242	eP	P	16 36 24.4	+1.1
CNB	comp=Z,11nm,1.1s,mb4.9				
CNB	Riverview 67.37 244	eP	pP	16 36 27.6	+1.1
RIV	Toolangi 67.87 238	eP	pP	16 36 27.8	+1.1
TOO	comp=Z,9.0nm,1.2s,mb4.7			16 36 25.5	-1.1
TOO	Toolangi 67.87 238	eP	pP	16 36 31.1	+1.2
TOO		eP	pP	16 36 25.5	-1.1
TOO		eP	pP	16 36 31.1	+1.2
TOO		eP	pP	16 36 25.5	-1.1
TOO		eP	pP	16 36 31.1	+1.2
ARMA	comp=Z,9.0nm,1.2s,mb4.7				
ARMA	Armidade 69.55 247	eP	P	16 36 36.4	-0.7
ARMA		eP	pP	16 36 41.6	+1.2
SDV	Santo Domingo 70.08 47	P	P	16 36 41.1	+0.8
SDV	comp=Z,13nm,1.3s,mb4.7				
STKA	comp=Z,1um,20.0s,MS5.2				
STKA	Stephens Creek 74.24 239	eP	P	16 37 05.5	+0.2
STKA	comp=Z,4.2nm,1.4s,mb4.2				
STKA	Stephens Creek 74.24 239	eP	pP	16 37 08.9	+0.4
STKA	comp=Z,8.4nm,0.8s,mb4.7,baz=128,slo=7.6,SNR=12			16 37 05.2	0.0
STKA		LR	LR	17 04 31.0	
RCBR	comp=Z,2um,18.9s,MS5.5,baz=144,slo=32				
RCBR	Riachuelo 78.38 85	PFAKE	LR	16 37 40.0	+1.1
RCBR	comp=Z,5um,20.0s,MS5.9				
HNR	Honiara 79.85 267	LR	LR	17 06 43.7	
HNR	comp=Z,514nm,20.2s,MS4.9,baz=179,slo=31				
HNR	Honiara 79.85 267	PFAKE	LR	16 37 50.0	+1.3
SJG	comp=Z,814nm,19.0s,MS5.1				
SJG	San Juan 80.21 46	PFAKE	LR	16 37 50.0	+1.1
CTA	comp=Z,1um,22.0s,MS5.2				
CTA	Charters Tower 80.46 250	eP	P	16 37 40.0	-0.1
CTA	comp=Z,4.6nm,0.9s,mb4.4				
CTA	Charters Tower 80.46 250	eP	pP	16 37 43.9	+0.5
CTA	comp=Z,9.0nm,0.8s,mb4.8,baz=126,slo=3.0,SNR=6.4			16 37 40.2	+0.1
CTA	comp=Z,683nm,21.4s,MS5.0,baz=357,slo=32				
CTA	Charters Tower 80.46 250	eP	pP	16 37 40.0	-0.1
CTA		eP	pP	16 37 43.9	+0.5
CTA	comp=Z,5.0nm,0.9s				
JCT	Junction City 81.21 13	eP	P	16 37 42.9	-1.2
JCT	comp=Z,20nm,0.9s,mb5.0				
JCT	Junction City 81.21 13	eP	P	16 37 42.9	-1.3
JCT	comp=Z,20nm,0.9s,mb5.0				
MTX	Cornudas Mount 81.76 8	eP	P	16 37 46.1	-1.0
TUC	comp=Z,12nm,1.6s,mb4.6				
TUC	Tucson 82.02 3	P	P	16 37 43.2	-5.2
TUC	comp=Z,6.0nm,1.0s,mb4.5				
TUC	Tucson 82.02 3	P	P	16 37 43.1	-5.2
ASAR	comp=Z,6.1nm,1.0s,mb4.9				
ASAR	Allice Springs 84.88 239	P	P	16 38 01.8	-1.3
ASAR	comp=Z,7.4nm,0.8s,mb4.8,baz=151,slo=3.6,SNR=23				
ASAR	comp=Z,2um,18.3s,MS5.5,baz=157,slo=33				
AS31	Allice Springs 84.88 239	eP	P	16 38 01.1	-2.0
ANMO	Albuquerque 84.89 7	eP	P	16 38 04.4	+1.2
ANMO	comp=Z,4.1nm,1.9s	MLR	MLR		
ANMO	comp=Z,1um,20.0s				
ANMO	Albuquerque 84.89 7	eP	P	16 38 04.4	+1.2
ANMO	comp=Z,4.1nm,1.9s,mb5.0				
ANMO	comp=Z,1um,20.0s,MS5.3				
ISA	Isabella 85.35 357	eP	MLR	16 38 05.4	-0.4
NWAO	comp=Z,856nm,21.0s,MS5.1				
NWAO	Narrogin (SRO) 85.48 222				

Table with columns for station name, coordinates, and various parameters. Includes stations like NRDL, LJLU, MOX, etc.

Main table with columns for DRGR, LSA, KOLS, SONM, etc. Includes station names like Kurlil's, Kuril's, etc.

Table with columns for KUR, SKR, SKR, etc. Includes station names like Severo-Kuril's, Kuril's, etc.

IDC 06 16:30:60.0,0.8, 4885Sx11483W, h0km, mb4.1/9, mb1 4.3/9, mb1mx4.1/16, mbtmp4.1/9, Error ellipse: s-maj=45.2km s-min=19.5km az=155.0

ISCJB 06 16:31:00.4,0.6, 501S; 02:1146W, 02, h10km, mb4.3/13, Error ellipse: s-maj=27.5km s-min=15.6km az=115.1

NEIC 06 16:31:01.2,0.5, 503S; 1145W, h10km, mb4.6/4, Error ellipse: s-maj=21.3km s-min=13.1km az=147.0

ISC 06 16:31:01.9,0.6, 500S; 02:1147W, 02, h10km, m20, 0811/13, mb4.3/13, Southern East Pacific Rise

CFAA Coronel Fontan 39.98 80 P Op ISC h m s ISC 0.6nm, 0.5s, mb3.4, baz=230, slow=7.4, SNR=6.8

QSPA South Pole Qui 40.17 180 eP P 16 38 32.7 -5.4 7.6nm, 1.2s, mb4.3

LVC Limon Verde 44.97 70 P P 16 39 17.7 +0.6 6.7nm, 1.0s, mb4.4, baz=223, slow=7.6, SNR=3.9

CPUP Villa Florida 49.54 84 P P 16 39 51.6 -1.1 0.5nm, 0.5s, mb3.8, baz=213, slow=5.5, SNR=2.8

LPZA La Paz 50.31 65 P P 16 39 59.3 +0.7 4.7nm, 0.8s, mb4.5, baz=193, slow=7.6, SNR=9.3

MAW Maxwell 62.68 179 P P 16 41 27.8 +1.1 2.8nm, 1.0s, mb4.3, baz=208, slow=7.9, SNR=3.8

JTS JuntasAbangare 65.47 32 P P 16 41 46.2 +1.2 10nm, 1.0s, mb4.8

STKA Stephens Creek 74.22 239 P P 16 42 39.1 +0.2 4.4nm, 1.0s, mb4.2, baz=226, slow=18.5, SNR=2.9

JCT Junction City 81.24 13 eP P 16 43 18.1 +0.1 12nm, 0.9s, mb4.8

JFK2 Kamakawa 6.65 248 P P 17 08 06.9 +1.7 1.0nm, 0.5s, mb3.4, baz=220, slow=15.5, SNR=24

JCH Churui 6.96 237 P P 17 09 08.0 -0.3 1.0nm, 0.5s, mb3.4, baz=220, slow=15.5, SNR=24

JATJ Tenmabayashi 9.45 235 eS P 17 11 17.5 -1.0 1.0nm, 0.5s, mb3.4, baz=220, slow=15.5, SNR=24

JMAJ Matushiro 14.06 229 eP P 17 10 41.1 0.0 1.0nm, 0.5s, mb3.4, baz=220, slow=15.5, SNR=24

MAJO Matushiro 14.06 229 ePn Pn 17 10 41.1 0.0 1.0nm, 0.5s, mb3.4, baz=220, slow=15.5, SNR=24

SONM Songoing Array 30.17 289 P P 17 13 22.0 -0.8 2.0nm, 0.7nm, 1.1s, mb3.3, baz=19, slow=14, SNR=3.2

IMA2 Indian Mountain 34.60 36 eP P 17 14 01.5 +0.1 2.0nm, 0.7nm, 1.1s, mb3.3, baz=19, slow=14, SNR=3.2

KDAA Kodiak Island 35.12 51 P P 17 14 05.7 -0.2 2.0nm, 0.7nm, 1.1s, mb3.3, baz=19, slow=14, SNR=3.2

MCK McKinley 36.52 40 eP P 17 14 18.1 +0.4 2.0nm, 0.7nm, 1.1s, mb3.3, baz=19, slow=14, SNR=3.2

COLA College 36.97 38 eP P 17 14 22.3 +0.7 2.0nm, 0.7nm, 1.1s, mb3.3, baz=19, slow=14, SNR=3.2

COLA College 36.97 38 eP P 17 14 22.3 +0.8 2.0nm, 0.7nm, 1.1s, mb3.3, baz=19, slow=14, SNR=3.2

INK Inuvik 42.38 32 eP P 17 15 07.1 +0.9 2.0nm, 0.7nm, 1.1s, mb3.3, baz=19, slow=14, SNR=3.2

INK Inuvik 42.38 32 eP P 17 15 07.1 +0.9 2.0nm, 0.7nm, 1.1s, mb3.3, baz=19, slow=14, SNR=3.2

Table of astronomical observations for 6d 17h, listing station names (e.g., ORIF, CAF, OG22), object names (e.g., Oris-en-Rattie, Calviac), coordinates, and observation details.

Table of astronomical observations for 2006 OCT, listing station names (e.g., SUW, AKASO, AKAGS), object names (e.g., Suwalki, Malin Array Be), coordinates, and observation details.

Table of astronomical observations for 216, listing station names (e.g., IAKV, IPAY, IPAY), object names (e.g., Payeh, Kiasar), coordinates, and observation details.

ICD 06 17:29:23.9, 0.3, 3704N, 5644E, h15km, ML3.2
ISCJB 06 17:29:25.0, 0.6, 3711N, 006.5633E, 0.03, h10km, Error
CSEM 06 17:29:26.3, 0.1, 3723N, 5638E, h20km, ML3.8, Error
TEH 06 17:29:28.2, 3723N, 5638E, h20km, M3.8
ISC 06 17:29:27.6, 1.0, 3713N, 007.5636E, 0.03, h14km, 7km, n25,
a=117.42, Northern and central Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KIV Kislovodsk, BEYR Bely Ugol, SHAR Shatzhymas, etc.

ISCJB 06 20:30:58.51-1.6, 163S.02x172.7W.03, h10km, mb4.2/4, MS3.4/3, Error ellipse: s-maj=51.7km s-min=8.8km az=70.4

ISC 06 20:30:59.82-0.6, 1610Sx172.82W, h0km, mb4.2/4, mb1 4.5/4, mb1mx4.1/15, mbtmp4.2/4, MS3.5/3, Ms1 3.5/3, ms1mx3.0/36, Error ellipse: s-maj=91.4km s-min=19.8km az=136.0

NEIC 06 20:31:01.51-1.6, 1594Sx172.93W, h10km, Error ellipse: s-maj=79.1km s-min=12.4km az=138.0

ISC 06 20:31:00.6-1.6, 162S.02x172.7W.03, h10km, n14, c0871/9, mb4.2/4, MS3.4/3, Samoa Islands region

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

ISC 06 20:43:30.4-1.2, 112N.9703E, h0km, mb4.0/7, mb1 4.1/8, mb1mx3.8/21, mbtmp4.0/8, ML3.4/1, MS3.2/2, MS1 3.2/2, ms1mx2.8/32, Error ellipse: s-maj=39.7km s-min=17.6km az=56.0

BUI 06 20:43:32.3, 089N.9763E, h38km, mb4.9, mb4.5, Ms4.0, MS3.7

ISCJB 06 20:43:35.0-3.3, 12N.01.972E.02, h42km, 26km, mb4.3/18, MS3.7/2, Error ellipse: s-maj=33.6km s-min=11.5km az=109.3

NEIC 06 20:43:34.8-0.7, 121N.9709E, h30km, mb4.0/3, Error ellipse: s-maj=17.3km s-min=10.9km az=64.0

ISC 06 20:43:37.5-3.3, 13N.01.973E.02, h42km, 26km, n22, c0885/22, mb4.3/18, MS3.7/2, Northern Sumatera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSI Prapat, KULM Kulim, KMI Kunming, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SONM Makanchi Array, STKA Stephens Creek, CHZK Chkalovo, etc.

ISC 06 20:45:45.7-16.0, 598S.13315E, h0km, mb3.9/1, mb1 3.6/3, mb1mx3.4/10, mbtmp3.4/3, ML2.9/2, Error ellipse: s-maj=345.5km s-min=134.5km az=115.0, Aru Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, etc.

ISC 06 20:57:18.9-8.6, 1648S.17231W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.7/15, mbtmp3.8/3, ML1.2/1, Error ellipse: s-maj=238.6km s-min=25.0km az=119.0, Samoa Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AFI Afiamalu, STKA Stephens Creek, WRA Warramunga Arr, etc.

JMA 06 21:03:18.7-0.2, 4364N.14771E, h0km, M4.0, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEM2 Nemuro 2, JRA Rausu, JNK Nakash, etc.

ISCJB 06 21:04:33.3-3.5, 1793S.007x167.69E.008, h4km, 21km, mb4.5/20, MS4.2/10, Error ellipse: s-maj=12.8km s-min=12.0km az=56.8

ISC 06 21:04:44.5-0.7, 1798S.16772E, h0km, mb4.4/15, mb1 4.5/17, mb1mx4.5/20, mbtmp4.4/17, ML4.2/2, MS4.1/12, MS1 4.1/12, ms1mx3.8/30, Error ellipse: s-maj=18.8km s-min=16.2km az=157.0

LDG 06 21:04:46.4-0.2, 1791S.16797E, h10km, Mb4.5/2, Error ellipse: s-maj=21.2km s-min=4.4km az=102.4

NEIC 06 21:04:48.0-3.2, 1793S.16771E, h23km, 22km, mb4.8/9, Error ellipse: s-maj=10.3km s-min=9.9km az=201.0

BUI 06 21:04:47.9, 1800S.16770E, h23km, mb5.2, mb4.6

GCMT 06 21:04:48.0-0.4, 1780S.16751E, h17km, 1km, MW4.9/46, Moment Tensor Solution, s20,c22; s46,c60; Duration: 0 Moment tensor: Scale 1019Nm; Mr2.34z23; Mw0.00z13; Mw2.22z15; Mw0.17z44; Mw0.03z10; Mw2.15z38; Best double couple: M3.19400x1016 NP1.35z41.00000, s24.00000, N80.00000; NP2: s173.00000, s66.00000, N95.00000; Principal axes: T 3.1900, Plg68.0000, Azm92.0000; N 0.0130, Plg4.0000, Azm351.0000; P -3.1970, Plg21.0000, Azm255.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 06 21:04:47.8-3.1, 1802S.006.16770E.007, h2km, 21km, h19km, 5.2km, pP-P, n68, c092/38, mb4.5/20, MS4.2/10, Vanatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, DZM Mont Dzumac, HNR Honiara, etc.

ISC 06 21:06:32.5-0.7, 2.19N.9917W, h0km, mb4.5/15, mb1 4.6/16, mb1mx4.5/23, mbtmp4.5/16, MS4.1/1, MS4.8/25, Ms1 4.8/25, ms1mx4.7/29, Error ellipse: s-maj=16.0km s-min=7.9km az=47.0

ISCJB 06 21:06:33.0-3.3, 227N.004.9890W.005, h10km, mb4.8/55, MS4.8/28, Error ellipse: s-maj=7.1km s-min=4.7km az=115.0

NEIC 06 21:06:35.4-0.3, 226N.9885W, h10km, mb4.9/47, MW5.4, Error ellipse: s-maj=9.9km s-min=5.3km az=60.0, Moment Tensor Solution, s19 Moment tensor: Scale 1017Nm; Mw0.08; Mw1.31; Mw0.140; Mw0.38; Mw0.78; Mw0.03; Best double couple: M1.60000x1017, NP1.35z41.00000, s84.00000, N13.00000; NP2: s29.00000, s77.00000, N174.00000; Principal axes: T 1.6100, Plg13.0000, Azm346.0000; N 0.0100, Plg76.0000, Azm147.0000; P -1.6100, Plg4.0000, Azm255.0000;

GCMT 06 21:06:35.4-0.2, 229N.9891W, h12km, MW5.4/86, MS4.8/28, Duration: 0.229; Moment tensor: Scale 1019Nm; Mw0.12; Mw1.02; Mw0.14z02; Mw0.80z05; Mw0.54z02; Mw0.22z06; Best double couple: M1.45600x1017, NP1.35z126.00000, s70.00000, N19.00000; NP2: s29.00000, s73.00000, N159.00000; Principal axes: T 1.6480, Plg27.0000, Azm347.0000; N -0.3890, Plg63.0000, Azm171.0000; P -1.2640, Plg2.0000, Azm78.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

BUI 06 21:06:35.4, 230N.9930W, h10km, mb5.5, Ms5.2, MSz4.8

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMIG Matias Romero, CMIG Matias Romero, JTS JuntasAbangare, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSI Prapat, QSPA South Pole, KMI Kunming, etc.

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

ISC 06 21:06:35.2-1.4, 224N.100.9893W.005, h5km, n53, 3km, pP-P, h304, c0878/280, mb4.8/55, MS4.8/28, MS3.8/26, West of Galapagos Islands

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NNA	2.8nm,0.3s,baz=251,slow=10,SNR=2.5	LR	21 20 23.2
HKT	comp=Z,1um,19.3s,MS4.5,baz=290,slow=32	P	21 12 24.5 +0.4
JCT	33nm,1.1s,mb5.0	P	21 12 27.2 -0.4
SDV	40nm,1.1s,mb5.0	P	21 12 36.9 +2.1
SDV	3.8nm,0.8s,mb4.2,baz=267,slow=4.4,SNR=5.6	S	21 17 30.6 +5.1
SDV	1.1nm,0.3s,baz=212,slow=23,SNR=3.0	S	21 22 25.0
NATX	comp=Z,2um,21.6s,MS4.7,baz=265,slow=33	LR	21 12 41.9 +0.7
MNTX	38nm,0.7s,mb5.2	P	21 12 43.1 -0.8
RPN	13nm,1.1s,mb4.6	LR	21 22 00.6
TUC	comp=Z,1um,19.9s,MS4.6,baz=137,slow=30	P	21 13 00.8 -0.7
116A	Eloy	P	21 13 06.0 -0.2
MIAR	Mount Ida	P	21 13 05.4 -1.3
115A	Sonoran Desert	P	21 13 08.7 -0.2
LAZ	Ladron	P	21 13 11.1 +1.1
ANMO	Albuquerque	P	21 13 13.6 +0.2
Z14A	Wintersburg	P	21 13 16.4 0.0
GLA	Glamis	P	21 13 20.1 -0.2
Y14A	Wickenburg	P	21 13 20.9 -0.2
Y13A	Salome	P	21 13 22.7 0.0
SWSC	Sam W. Stewart	P	21 13 23.1 +0.1
X15A	Humboldt	P	21 13 23.3 +0.3
Y12C	Blythe	P	21 13 24.6 +0.1
X14	Yava	P	21 13 25.0 +0.2
BC3	Big Chuck Mtn	P	21 13 27.2 +0.1
PDMC1	Parker Dam,Lak	P	21 13 27.7 +0.2
PCRV	Puerto La Cruz	S	21 18 58.4 -1.5
W15A	Williams	P	21 13 29.1 +0.5
X13A	Yucca	P	21 13 28.7 0.0
WUAZ	Wupatki	P	21 13 29.6 +0.8
WUAZ	Wupatki	P	21 13 28.9 +0.1
IRM	Iron Mountain	P	21 13 29.7 -0.1
PFO	Pinyon Flat Ob	P	21 13 30.9 +0.4
PFO	Pinyon Flat Ob	P	21 13 30.5 +0.1
W14A	Seligman	P	21 13 31.4 +0.1
BELC	Belle Mtn.	P	21 13 31.6 -0.1
W13A	Hualapai Mnt	P	21 13 32.8 0.0
LPAZ	La Paz	P	21 13 34.2 +1.1
LPAZ	9.4nm,0.5s,baz=197,slow=24,SNR=3.9	S	21 19 14.9 +5.7
LPAZ	comp=Z,952nm,18.1s,MS4.6,baz=136,slow=34	LR	21 26 31.3
LPAZ	La Paz	P	21 13 34.3 +1.2
SJG	San Juan	P	21 13 34.1 -1.0
SDCO	Great Sand Dun	P	21 13 36.8 +1.3
MVCO	Mesa Verde	P	21 13 36.1 +0.2
MVCO	Mesa Verde	P	21 13 35.5 -0.5
W12A	Cal Nev Ari	P	21 13 37.6 +0.1
TKL	Tucklechees C	S	21 19 18.5 +1.1
HEC	Hector,Ludlow	P	21 13 39.2 +0.3
BFSC	Mount Baldy St	P	21 13 39.5 -0.1
SNCC	San Nicolas Is	P	21 13 40.0 -0.2
SIUC	Southern Illin	P	21 13 40.9 +0.5
TRX	Edison Barstow	P	21 13 41.6 -0.1
RRQ	Turquoise Mtn.	P	21 13 42.2 +0.2
DECC	Green Verdugo	P	21 13 42.6 +0.3
KSU1	Kansas State U	P	21 13 43.0 -0.2
V11A	Goodsprings	P	21 13 43.2 -0.2
PV01	Paradox Valley	P	21 13 42.9 -0.7
GSC	Goldstone	P	21 13 43.8 -0.3
GSC	Goldstone	P	21 13 44.5 +0.5
EDW2	Edwards Air Fo	P	21 13 45.4 0.0
BSC	Santa Cruz Isl	P	21 13 45.4 -0.3
SAML	Samuel	P	21 13 47.0 -1.2
SMCO	Snowmass	P	21 13 49.2 -0.3
CCUT	Cedar City	P	21 13 51.3 +1.1
ARVC	Arvin	P	21 13 50.4 +0.1
MPMC	Manual Prospec	P	21 13 52.5 +0.5
ARUT	Antelope Range	P	21 13 53.3 +1.1
PKM	Peak Mountain	P	21 13 52.7 0.0
ISA	Isabella	P	21 13 53.4 +0.6
ISA	Isabella	P	21 13 53.1 +0.4
ISCO	Idaho Springs	P	21 13 53.7 +0.9
FURC	Furnace Creek,	P	21 13 53.1 +0.3
DAC	Darwin (Calif)	P	21 13 54.8 +0.9
MSU	Marysvalle	P	21 13 54.7 +0.2
SMMC	Simmler	P	21 13 56.4 +0.1
VES	Vestal, Richgr	P	21 13 56.9 +0.5
CWC	Cottonwood Cre	P	21 13 57.6 +0.7
GRAC	Grapevine Rang	P	21 13 59.0 +0.6
V05C	Boulder Hill,	P	21 14 00.4 +0.7
TIN	Tinemaha	P	21 14 02.5 +0.7
HELL	Mitchell Peak,	P	21 14 02.1 +0.1
PKD	Parkfield	P	21 14 02.7 0.0
S09A	Goldfield	P	21 14 03.5 +0.3
R10A	Warm Springs	P	21 14 04.9 +0.5
S08C	White Mtn Res	P	21 14 05.4 +0.6
PHWY	Pilot Hill	P	21 14 05.7 +0.7
MPU	Maple Canyon	P	21 14 06.0 +0.9
MTUM	Tungsten Hills	P	21 14 06.6 +1.5
NLU	North Lily Mtn	P	21 14 07.2 +1.7
Q12A	Willow Creek R	P	21 14 05.7 +0.2
V03C	Hunter Liggett	P	21 14 06.5 +0.5

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R09A	Tonopah	39.49 337	↑P	P	21 14 06.9 +0.5
Q11A	Duckwater	39.50 339	↑P	P	21 14 07.2 +0.7
DAU	Davis Canyon	39.60 345	↑P	P	21 14 08.6 +1.3
KCC	Kaiser Creek	39.63 343	↑P	P	21 14 09.0 +1.5
P12A	McGill	39.81 341	↑P	P	21 14 09.6 +0.5
DUG	Dugway	39.82 343	↑P	P	21 14 09.8 -0.2
DUG	Dugway	39.82 343	↑P	P	21 14 09.3 +0.2
HAST	UC Hastings Re	39.89 331	↑P	P	21 14 09.8 +0.1
CTU	Camp Tracy	39.99 345	↑P	P	21 14 11.8 +1.2
Q09A	Carvers	40.05 338	↑P	P	21 14 11.7 +0.6
NVAR	Nima Array Bea	40.14 336	↑P	P	21 14 10.9 -0.9
NVAR	3.1nm,0.8s,mb4.1,baz=176,slow=10,SNR=0.6	S	21 20 21.0 +2.4		
R07C	Lee Vining	40.16 335	↑P	P	21 14 12.4 +0.5
TCUT	Toone Canyon	40.30 345	↑P	P	21 14 12.9 -0.3
O12A	Currie	40.48 341	↑P	P	21 14 14.8 +0.2
P10A	Esteka	40.48 339	↑P	P	21 14 15.2 +0.6
BGU	Big Grassy Mch	40.55 344	↑P	P	21 14 16.2 +1.0
O11A	Cowboy Ranch	40.56 340	↑P	P	21 14 16.3 +0.3
P09A	Ausley	40.66 338	↑P	P	21 14 16.5 +0.4
S04C	Ingram Canyon,	40.69 332	↑P	P	21 14 16.4 +0.1
CMB	Columbia Colle	40.69 334	↑P	P	21 14 16.7 +0.4
R06C	Coleville	40.70 335	↑P	P	21 14 16.8 +0.5
HWUT	Hardware Ranch	40.80 345	↑P	P	21 14 16.7 -0.6
N13A	Wendover, West	40.84 342	↑P	P	21 14 17.7 +0.1
O10A	Cortez Mining,	41.09 339	↑P	P	21 14 20.0 +0.4
N12A	Clover Valley,	41.10 341	↑P	P	21 14 20.3 +0.6
R05C	Kirkwood Meado	41.11 335	↑P	P	21 14 20.2 +0.3
R04C	Big Horse Ranc	41.12 333	↑P	P	21 14 20.5 +0.6
P08A	Dixie Valley	41.14 337	↑P	P	21 14 20.1 0.0
O09A	Fish Creek Ran	41.23 339	↑P	P	21 14 20.9 +0.2
HVU	Hansel Valley	41.28 344	↑P	P	21 14 21.9 +0.7
N11A	Elko Archery C	41.30 341	↑P	P	21 14 21.7 +0.4
ECSD	EROS,Stioux Fal	41.36 3	↑P	P	21 14 19.6 -2.3
LAVA	Lava Cap Winer	41.44 334	↑P	P	21 14 22.6 +0.1
PDAR	Pinedale Array	41.55 348	↑P	P	21 14 21.7 -0.9
PDAR	0.2nm,0.3s,baz=95,slow=36,SNR=2.7	S	21 20 38.3 +0.2		
PDAR	comp=Z,1um,21.5s,MS4.7,baz=183,slow=34	LR	21 30 14.5		
N10A	Dumphy	41.47 340	↑P	P	21 14 22.9 +0.1
WCN	Washoe City	41.48 335	↑P	P	21 14 23.2 +0.4
SIV	San Ignacio	41.57 117	↑P	P	21 14 23.2 -0.4
M12A	Wells	41.57 342	↑P	P	21 14 24.0 +0.4
PAHR	Pat Rah Range	41.67 336	↑P	P	21 14 25.9 +1.5
O07A	Toulon	41.86 337	↑P	P	21 14 26.0 0.0
M11A	Holland Ranch,	41.87 341	↑P	P	21 14 26.3 +0.3
N09A	Rock Creek Ran	41.95 339	↑P	P	21 14 27.7 +0.1
N08A	GE Springer Mi	42.11 338	↑P	P	21 14 27.8 -0.2
M10A	LL Ranch, Tu	42.20 340	↑P	P	21 14 29.0 +0.3
O06A	Flanigan	42.24 336	↑P	P	21 14 29.1 0.0
OHCM	Honcut	42.25 334	↑P	P	21 14 29.5 +0.3
REDW	Red Top Meadow	42.30 347	↑P	P	21 14 29.0 -0.5
SUTB	Sutter Butte	42.30 333	↑P	P	21 14 29.3 -0.2
SNOW	Snow King Moun	42.37 347	↑P	P	21 14 27.1 -3.0
RR12	Red Ridge	42.39 347	↑P	P	21 14 35.2 +4.9
M09A	Marrel Ranch,	42.42 339	↑P	P	21 14 30.1 -0.4
ORV	Oroville	42.44 334	↑P	P	21 14 30.8 +0.1
TRPW	Teton Pass	42.44 347	↑P	P	21 14 31.1 +0.4
LOWH	Low Hollow	42.48 347	↑P	P	21 14 30.6 -0.4
O05C	Quincy	42.52 335	↑P	P	21 14 32.0 +0.6
TAOE	Nuku Hiva Isla	42.54 254	eS	S	21 20 57.3 +3.1
TAOE	15um,25.9s,baz=78	eLR	21 26 14.8		
MOOP	Moose Ponds	42.64 347	↑P	P	21 14 32.1 -0.2
H05B	Hoiland	42.70 332	↑P	P	21 14 33.1 +0.3
N06A	Buffalo Meadow	42.74 336	↑P	P	21 14 33.3 +0.2
M08A	Happy Creek Ra	42.78 338	↑P	P	21 14 33.5 0.0
IMW	Indian Meadow	42.83 347	↑P	P	21 14 33.4 -0.4
O0AC	Chester	42.89 335	↑P	P	21 14 34.6 +0.3
FLWY	Flagg Ranch	42.95 348	↑P	P	21 14 35.6 +0.8
ELFS	Eagle Lake Fie	42.99 336	↑P	P	21 14 35.7 +0.6
L09A	Wilkinson Ranc	43.02 339	↑P	P	21 14 35.4 0.0
M07A	Soldier Meadow	43.02 338	↑P	P	21 14 35.5 +0.1
GASB	Alder Springs	43.06 333	↑P	P	21 14 36.2 +0.5
RKT	Rikitea	43.23 232	eS	S	21 21 03.1 -1.2
RKT	858nm,27.2s	eLQ	21 24 50.9		
RKT	3um,28.8s,baz=53	eLR	21 26 36.3		
YFT	Old Faithful	43.33 348	↑P	P	21 14 34.9 -3.0
M06C	Likely Place G	43.38 336	↑P	P	21 14 38.8 +0.5
HLID	Hailey	43.39 344	↑P	P	21 14 38.7 +0.4
HLID	Hailey	43.39 344	↑P	P	21 14 38.4 +0.1
L08A	Fields	43.41 339	↑P	P	21 14 38.3 -0.3
YMR	Madison River	43.57 348	↑P	P	21 14 40.9 +1.1
L07A	Adell	43.63 338	↑P	P	21 14 40.6 +0.2
K09A	Adell	43.65 340	↑P	P	21 14 40.3 -0.2
WVOR	Wild Horse Val	43.73 339	↑P	P	21 14 41.6 +0.4
WDC	Whiskeytown Da	43.73 334	↑P	P	21 14 40.3 -0.8
M05C	Lookout	43.78 336	↑P	P	21 14 40.8 -0.7
QLMT	Earthquake Lak	43.82 347	↑P	P	21 14 42.4 +0.5
MOD	Modoc	43.90 337	↑P	P	21 14 41.5 -1.0
MOD	Modoc	43.90 337	↑P	P	21 14 41.8 -0.7
K08A	Mann Creek Ran	43.94 339	↑P	P	21 14 42.3 -0.5

6d 21h

MCMT	McKenzie Canyo	44.15 346	eP	P	21 14 43.8 -0.7
K07A	Rock Creek Ran	44.18 338	↑P	P	21 14 44.7 -0.1
J09A	Fry Canyon	44.23 340	↑P	P	21 14 45.0 -0.1
GCMT	Greycliff	44.38 349	eP	P	21 14 46.8 +0.5
M04C	Macdoel	44.42 335	↑P	P	21 14 46.5 -0.2
J08A	Cole Bar Ran	44.48 340	↑P	P	21 14 46.5 -0.7
CFAA	Coronel Fontan	44.53 142	P	P	21 14 46.5 -1.1
CFAA	0.2nm,0.4s,baz=311,slow=9.0,SNR=5.6	S	21 21 23.8 +0.5		
CFAA	0.1nm,0.3s,baz=275,slow=18,SNR=4.7	S	21 21 23.8 +0.5		
CFAA	Coronel Fontan	44.53 142	↑P	P	21 14 46.5 -1.1
CFAA	Coronel Fontan	44.53 142	↑P	P	21 21 23.8 +0.5
M02C	Callahan	44.53 334	↑P	P	21 14 46.6 -1.0
DLMT	Dillon	44.59 346	eP	P	21 14 48.8 +0.7

7d 0h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAKANI, PKI, DMN, GKN, NVAR, FINES, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEM2, JRA, JNK, JAK, JAR, etc.

NEIC 06 22:41:48.8, 381.175:17654E, h167km, MG3.7(WEL), After WEL

WEL 06 22:41:48.2, 0.3, 3794S-17658E, h149km, 3km, ML3.6/16, 3C, Error ellipse: s-maj=3.6km s-min=3.4km az=0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URZ, MWZ, BKZ, etc.

ISCJB 06 22:55:46.7, 5.2, 0.3N-102.1239E.04, h48km, 52km, mb3.8/6, Error ellipse: s-maj=69.3km s-min=14.0km az=131.1

NEIC 06 22:55:47.4, 0.7, 0.27N-124.10E, h35km, mb3.8/1, Error ellipse: s-maj=30.6km s-min=9.5km az=61.0

IDC 06 22:55:57.8, 15.0, 0.21N-124.30E, h142km, 161km, mb3.4/5, mb1.3/6, mb1mx3.4/16, mb1mx3.9/6, Error ellipse: s-maj=99.4km s-min=27.4km az=63.0

ISC 06 22:55:48.6, 3.6, 0.2N-102.1240E.03, h45km, 39km, m0.072/9, mb3.8/6, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KKM, FITZ, MBWA, etc.

CSEM 06 23:20:28.7, 6784N-2019E, h1km, ML3.1, Mining explosion. After UPP

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UPP 06 23:20:28.7, 6784N-2019E, h1km, ML3.1, Mining explosion.

HEL 06 23:20:19.1, 0.1, 6784N-2020E, h0km, ML1.5, ML3.1(UPP), Explosion, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KUA, NIKU, LANU, etc.

NAO 06 23:25:29.0, 5.3, 6762N-2005E, ML2.0

ISCJB 06 23:25:31.7, 0.5, 6785N-003.203E.01, h0km, Error ellipse: s-maj=5.6km s-min=3.9km az=22.3

HEL 06 23:25:32.5, 0.1, 6785N-2021E, h0km, ML1.9, ML3.0(UPP), ML1.5(BER), Explosion

CSEM 06 23:25:32.0, 6785N-2020E, h0km, ML3.0, Mining explosion. After UPP

UPP 06 23:25:32.0, 6785N-2020E, h0km, ML3.0, Mining explosion.

BER 06 23:25:33.5, 2.4, 6786N-1978E, h0km, MD1.9, ML1.5, ML2.0(NAO), Suspected explosion

ISC 06 23:32:0.0, 5.6, 6786N-003.2022E.10, h0km, m21, 0.074/28, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KUA, NIKU, LANU, etc.

KALU Kalix 2.37 147 eP Pn 23 26 127 +0.6

SGF Sodankyl 2.45 97 eP Pn 23 26 136 +0.4

comp=Z, 6.2nm, 0.2s

ARA0 ARCES Array S 2.56 47 Pn Pn 23 26 153 +0.5

ARA0 ARCES Array S 2.56 47 Sb Sn 23 26 49.4 -1.4

ARA0 ARCES Array S 2.56 47 eSb Ss 23 26 153 +0.5

LILU Lilltraesk 2.59 183 eP Pn 23 26 162 +0.9

KEV Kevo 3.11 49 eP Pn 23 26 159 +1.1

comp=Z, 3.0nm, 0.3s

KU4 Liikasenvaara 3.96 108 eP Pn 23 26 33.9 0.0

comp=Z, 1.9nm, 0.3s

MSF Maaseela 3.99 115 MSG Pn 23 27 39.6

comp=Z, 1.8nm, 0.3s

KU6 Rieikki 4.23 111 eP Pn 23 26 37.8 +0.1

comp=Z, 1.7nm, 0.3s

ARA0 Patacocha 1.45 346 Op Pn 23 42 35.8 +1.8

ARRY Arrayan 1.45 345 Op Pn 23 42 35.5 +1.5

ULBA Ulba 1.50 347 Op Pn 23 42 36.6 +2.0

RETU Refugio 1.50 346 Op Pn 23 42 37.0 +2.3

IGUA Iguatala 1.53 339 Op Pn 23 42 38.3 +3.3

IGUA Turunguhua voi 1.53 344 Op Pn 23 42 58.5 +4.2

BILB Bilbun 2.42 37.2 +2.1

RUNS Runtun 1.53 347 Op Pn 23 42 57.9 +3.4

JUIV Juive 1.54 345 Op Pn 23 42 36.9 +1.8

JUIV Juive 1.54 345 Op Pn 23 42 37.1 +2.0

PISA Pisayambo 1.87 351 Op Pn 23 42 57.9 +3.3

TAMB Tambo 2.23 353 Op Pn 23 42 48.5 +3.9

CAMI Rancho Maria 2.27 349 Op Pn 23 42 49.8 +4.6

COTAXI Cotopaxi 1 2.29 352 Op Pn 23 42 49.7 +4.3

NASA Nasa 2.31 350 Op Pn 23 42 50.4 +4.7

ANTI Antisana 2.46 358 Op Pn 23 42 26.5 +2.7

JUA2 San Juan 2 2.74 349 Op Pn 23 42 56.9 +5.3

JUA2 Refugio Guagua 2.77 349 Op Pn 23 43 37.7 +1.3

GCPG Tererz Guagua 2.78 349 Op Pn 23 42 58.1 +5.9

PINO Pino 2.79 349 Op Pn 23 42 58.7 +6.3

YANA Yana 2.83 350 Op Pn 23 42 59.0 +6.1

YANA Yana 2.84 350 Op Pn 23 43 38.7 +1.2

LAVA Lava3-Reventad 2.87 9 Pn 23 42 54.7 +1.6

224

comp=Z, 58nm, 20.1s, MS3.2, baz=92, slow=34

LSZ Lusaka 41.56 247 P P 00 08 48.9 -0.6

LSZ Lusaka 41.56 247 P P 00 08 48.9 -0.6

AAK Al-Archa 42.95 8 eP P 00 09 01.5 +0.7

GNI Gani 44.99 335 eP P 00 09 18.0 +0.8

MALT Malatya 46.52 328 eP P 00 09 29.5 +0.2

MKAR Makanchi Array 48.43 14 P P 00 09 44.0 -0.2

BOSA Bosof 49.27 231 P P 00 09 52.8 +2.1

BOSA Bosof 49.27 231 P P 00 09 52.8 +2.1

BRTR Keskin Array B 50.13 326 P P 00 09 56.6 -0.6

AKTAKT Aktubinsk 50.90 352 P P 00 10 02.7 -0.3

AKTO Aktubinsk 50.90 352 P P 00 10 02.7 -0.3

ZRNK Zerenda 52.81 1 P P P 00 11 25.4 -1.1

BVAR Borovoye Array 52.93 2 P P 00 10 18.1 0.0

CHKZ Chkalovo 53.59 2 eP P 00 10 22.9 0.0

MLR Muntele Resu 58.19 327 LR LR 00 33 17.3

SONM Songo Array 58.46 30 P P 00 10 58.7 +0.9

TLY Talaya 59.90 25 eP P 00 10 17.9 +0.1

VAE Valguarnera 61.38 314 LR LR 00 37 54.4

TORD Torodi Arr. Bea 66.35 284 LR LR 00 41 10.8

WRA Warramunga Arr 68.39 111 P P 00 12 04.4 +0.8

WRA Warramunga Arr 68.39 111 P P 00 12 04.4 +0.8

ASAR Alice Springs 68.57 115 P P 00 12 04.9 +0.2

DBIC Dimbrok 72.35 277 LR LR 00 41 32.0

HFS Hagfors 72.78 335 P P 00 12 28.1 -2.2

HFS Hagfors 72.78 335 P P 00 12 28.1 -2.2

NOA Norsars Array B 74.30 395 P P 00 12 39.2 0.0

ESDC Sonsea Array 75.22 311 P P 00 12 47.1 -0.3

STKA Stephens Creek 76.61 123 LR LR 00 44 14.3

INAO Indian Mountain 107.94 16 ePKPdf PKKPF 00 19 28.9 +0.2

AMMO Albuquerque 144.78 351 ePKPdf PKKPF 00 20 38.0 -0.8

JCT Junction City 147.35 339 ePKPbc PKPbc 00 20 49.0 +0.2

MXT Corundum Mount 147.76 348 ePKPbc PKPbc 00 20 47.8 +1.0

IGQ 07 00:12:57.2, 0.78N-7952W, h16km, 4km, Mb4.0, Ms3.8, 1C-3D, Error ellipse: s-maj=4.0km s-min=1.7km az=64.4, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YANA, PINO, TAMB, etc.

ISCJB 07 00:28:26.2, 2.7, 381N-02.749E.01, h33km, Error ellipse: s-maj=25.9km s-min=12.0km az=169.1

BJI 07 00:28:32.2, 3833N-7644E, h15km, ML3.0

ISC 07 00:28:27.6, 2.7, 381N-02.750E.01, h35km, n11, e0F97/13, 1C-2D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KASHI, KSH, etc.

comp=N, 349nm, 0.4s

KZA Kyzar 3.98 3 P Pn 00 29 25.6 -0.4

UCH Uchtor 4.14 355 P Pn 00 29 28.8 +0.5

AML Almayshu 4.14 347 P Pn 00 29 29.0 +0.7

ULHL Ulahol 4.25 13 P Pn 00 29 28.6 -1.2

AAK Ala-Archa 4.54 355 P Pn 00 29 34.7 +0.9

KBK Karagaybulak 4.55 360 P Pn 00 29 34.6 +0.7

EKS2 Erkin-Say 4.65 349 P Pn 00 29 36.6 +1.4

TKM2 Tokmak 2 4.83 5 P Pn 00 29 37.7 -0.1

KK31 Karatay Array 6.05 327 P Pn 00 29 55.3 +0.9

KK31 Karatay Array 6.05 327 P Pn 00 29 55.3 +0.9

comp=E, 1.3nm, 0.3s, baz=128, slow=13, SNR=23

AB31 Akbulak Array 15.55 321 Op Pn 00 32 01.6 -0.8

comp=E, 0.8nm, 0.6s

KRSK 07 00:37:50, 4991N-15729E, h114km, ML3.7, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RUS, GRL, etc.

THR 07 00:50:10.9, 0.3, 3699N-5632E, h31km, 11km, ML3.4

CSEM 07 00:50:11.4, 0.1, 3703N-5636E, h20km, ML3.4, Error ellipse: s-maj=1.5km s-min=0.8km az=173.0

ISCJB 07 00:50:12.1, 1.0, 3685N-004.5636E.02, h12km, 7km, Error ellipse: s-maj=7.6km s-min=3.0km az=170.3

TEH 07 00:50:12.5, 3705N-5635E, h10km, M3.6

ISC 07 00:50:11.9, 0.9, 3699N-004.5636E.02, h8km, 10km, m3.0, e0F97/12, 1C-2D, Northern and central Iran

7d 3h

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

NEIC 07 03:11:58.7, 3054S; 7208W, h22km, ML3.5(GUC), After GUC.

GUC 07 03:11:58.7±0.9, 3054S±4.7, 7208W±4.4km, MD3.7, ML3.5, 2C, Off coast of central Chile

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

BJI 07 03:20:58.7, 535N; 6027E, h10km, mB5.3, mb4.8, Ms4.9, Msz4.6

ISCJB 07 03:21:05.6±0.2, 613N±0.04, 6062E±0.03, h10km, mb4.9/116, MS4.3/44, Error ellipse: s-maj=5.4km s-min=4.2km az=174.2

IDC 07 03:21:05.6±0.5, 617N±0.078E, h0km, mb4.3/22, mb1.4/4/24, mb1mx4.4/25, mbtmp4.3/24, ML3.8/2, MS4.3/19, Ms1.4/3/19, ms1mx4.2/26, Error ellipse: s-maj=14.4km s-min=13.3km az=12.0

MOS 07 03:21:05.4±0.9, 617N±60.59E, h10km, mb5.2/59, MS4.1/14, Error ellipse: s-maj=8.9km s-min=4.2km az=116.9

GCMT 07 03:21:07.3±0.2, 600N±60.76E, h12km, MWs.1/82, Moment Tensor Solution: s31.c41; s82.c134; Duration: 0. Moment tensor: Scale 10^19Nm; Mr=4.34±.10; Mw=2.86±.09; Mw1.1.48±.10; Mw1.1.11±.34; Mw1.1.86±.08; Mw1.1.93±.33; Best double couple: M=4.78900x10^16 NP1:φ=115.00000°, δ33.00000°, λ=-107.00000°. NP2: φ=316.00000°, δ59.00000°, λ=-79.00000°. Principal axes: T 4.6170, P1g13.00000°, Azm38.00000°, N 0.3430, P1g9.00000°, Azm130.00000°; P -4.9600, P1g74.00000°, Azm255.00000°; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

NEIC 07 03:21:07.3±0.2, 616N±60.70E, h10km, mb5.1/72, Error ellipse: s-maj=6.6km s-min=5.3km az=51.0

SZGRF 07 03:21:09.6, 593N; 6032E, h33km, mb4.7, Carlsberg Ridge

ISC 07 03:21:07.8±0.2, 612N±0.04, 6062E±0.03, h10km, (h21km, 1.5km; pP-P), s326, s1909/331, mb4.9/116, MS4.3/44, 32C-11D, Carlsberg Ridge

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

2006 OCT

Table with columns: Code, Station Name, Time, Res. Includes stations like DMN, PKI, KKN, GUN, EIL, GNI, GNI, GNI, etc.

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Table with columns: Code, Station Name, Time, Res. Includes stations like MKAR, SIM, SIM, SIM, etc.

Table with columns for station name, coordinates, and forecast data. Includes stations like ATAH, BDFB, CAM4, etc.

Table with columns for station name, coordinates, and forecast data. Includes stations like RKT, RKT, RKT, etc.

Table with columns for station name, coordinates, and forecast data. Includes stations like BINY, HRV, HRV, etc.

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like SRU Pomariorio Ree, PMOR Cedar City, CCUT Cedar City, etc.

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like ELK Red Ridge, RR02 Red Ridge, LRV Little Rabbit, etc.

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like HOOD Mount Hood Mea, EGRO El Granado, MOE Montero, etc.

Table with columns: Station Name, Frequency, Mode, and Time/Status. Includes stations like KLBRC, CTA, AS31, etc.

Table with columns: Station Name, Frequency, Mode, and Time/Status. Includes stations like ULHL, BOD, GUM, etc.

Table with columns: Station Name, Frequency, Mode, and Time/Status. Includes stations like GTA, SHL, DL2, etc.

CASC 07 08:22:13.5±2.4, 900N-8283W, h14km, 9km, MD3.6, 2C-1D, Panama-Costa Rica border region

CASC 07 08:27:09.2±3.2, 921N-8307W, h0km±10km, MD4.0, Costa Rica

CSEM 07 08:45:32.5, 4273N-4553E, h10km, mb4.0, After OBN MOS 07 08:45:32.5±1.1, 4273N-4553E, h10km, mb4.0/1, Error ellipse: s-maj=13.5km s-min=6.9km az=22.3, Eastern Caucasus

Table with columns: Station Name, Time, Res, and other data. Includes stations like BOS, BOSH, JCT, TSM, etc.

Table with columns: Code, Station Name, Time, Res, and other data. Includes stations like MKAR, CD2, WMQ, etc.

Table with columns: Station Name, Time, Res, and other data. Includes stations like GUMO, FITZ, TBI, etc.

7d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, etc.

2006 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like CAF Calviac, LFF La Frestale, MTLF Montoliou, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like EPF Esparrros, EPF Esparrros, EPF Esparrros, etc.

ETOR comp=Z,0.3nm,0.2s,SNR=7.9 S Sn 20 29 05.4 -4.9

ISCJB 07 21:12:23.9.1.1, 1176N.003:100.13E.004, h2km, 7km, mb4.8/78, MS4.3/37, Error ellipse: s-maj=6.2km s-min=4.9km az=157.9

IDC 07 21:12:24.8.0.5, 1176N:100.06E, h0km, mb4.4/22, mb1 4.5/23, mb1mx4.5/25, mbtmp4.4/23, ML4.4/1, MS4.1/22, Ms1 4.1/22, ms1mx4.0/29, Error ellipse: s-maj=24.6km s-min=12.1km az=61.0

BUI 07 21:12:25.4, 1147N:100.07E, h26km, mB5.1, mb4.7, Ms5.0, Msz4.6

NEIC 07 21:12:26.4.0.2, 1174N:100.18E, h10km, mb4.9/32, MS4.3/2, Error ellipse: s-maj=8.0km s-min=4.8km az=60.0

GCMT 07 21:12:26.4.0.2, 1176N:100.15E, h12km, MW5.0/69, Moment Tensor Solution: s32 c38 s69 c111; Duration: 0 Moment tensor: Scale 10^16Nm; M1=3.57; 0.7; M2=0.49; 0.6; M3=3.08; 0.8; M4=0.47; 2.5; M5=0.59; 0.6; M6=0.90; 2.2; Best double couple: M3.53600x10^16 NP1=34.171.00000; 637.00000; -84.00000; NP2: 0.344.00000; 653.00000; -94.00000; Principal axes: T 3.3480, Plg8.0000; Azm77.0000; N 0.3730, Plg4.0000; Azm346.0000; P -3.7250, Plg81.0000; Azm233.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

MOS 07 21:12:28.4.1.1, 1169N:100.10E, h33km, mb5.1/34, MS4.1/5, Error ellipse: s-maj=11.8km s-min=5.5km az=117.5

ISC 07 21:12:25.7.1.0, 1178N.003:100.12E.004, h1km, 6km, m219, s100/219, mb4.8/78, MS4.3/37, 22C-5D, Gulf of Thailand

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their parameters.

Main table with columns: WHN, LR, P, S, AP, SS, AMB, etc. Lists seismic events with station codes, times, and magnitudes.

Table with columns: AAK, pmax, pmax, etc. Lists seismic events with station codes, times, and magnitudes.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like MOOSE Moose Ponds, RLMT Red Lodge, MCMT McKenzie Canyon, HLAD Haley, NVRD Mina Array Bea, WVOR Wild Horse Val, WVOR Yellowknife Arr, DBIC Dimbokro, TORO Torodi Arr, ARCES ARCESS Array B, SNAAR Sanae, AS31 Alice Springs, ASAR Alice Springs, WB2 Warramunga Arr, WRA Warramunga Arr.

IDC 08 04:11:24.2±0.6, 1682S-17651W, h0km, mb3.4/2, mb1 3.7/2, mb1mx3.5/13, mbtmp3.4/2, Error ellipse: s-maj=424.3km s-min=45.4km az=144.0, Frijol Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, BRTR Kaskin Array B, GERES GERES Array B.

CASC 08 04:22:08.4±1.5, 930N-8272W, h7km±6km, MD3.9, 2C-3D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like CNI Changuinola, DVD David, BUS Buena Vista, LCR2 La Lucha 2, LAJ Bijagual, PRS1 Puriscal, CGA2 Cerro Gallo 2, ACH Altos, AZU Azuero, PTP Ponta Purca.

ISCJB 08 04:22:24.5±0.8, 4304N-004x171E±0.05, h7km±8km, Error ellipse: s-maj=6.6km s-min=5.7km az=27.6, CSEM 08 04:22:24.6±0.1, 4304N-1763E, h8km, MD2.6, Error ellipse: s-maj=3.0km s-min=1.2km az=54.0, PDG 08 04:22:26.8±0.5, 4296N-1774E, h5km±1.0, PRU 08 04:22:26.8, 4305N-1765E, h0km, NEIC 08 04:22:26.8, 4296N-1774E, h5km, MD2.6(PDG), After PDG.

ISC 08 04:22:25.8±0.9, 4301N-104W-1762E±0.05, h5km±8km, n39, ±15/68, 12C-21D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like STON Ston, BRY Bratogost, UPM Unac-Piva, NPK Unac-Piva, NIKS Niksic, BUM Brajici-Budva, PLE Plevjiva, TTG Podgorica, ULcinj, IVC Berane, PIV Plav, NOVALJA, RHKS Tenkes, PKSM Moragy, BZS Buzias, VOY Vojsko, OBK Obir, OBKA Obir, PKSG Arzberg, ARSA Arzberg, ARSA Arzberg, ARSA Arzberg, CONA Conrad Observa, PSZ Piskizesteto, PSZ Piskizesteto, MOA Mollin, MOA Mollin, MOA Mollin, MOA Mollin, VYH Vynne, GERES GERES Array S, KHC Kasperske Hory, KHC KHC.

IDC 08 05:04:37.9±1.1, 1572S-7073W, h174km, 10km, mb3.5/4, mb1 3.8/8, mb1mx3.2/22, mbtmp4.0/8, MS2.6/1, MS1 2.6/1, ms1mx2.1/21, Error ellipse: s-maj=21.7km s-min=11.8km, az=22.0, ISCJB 08 05:04:38.7±0.8, 1576S-008x7053W±0.07, h191km, 9km, mb3.8/8, Error ellipse: s-maj=13.3km s-min=11.0km

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like ARE Arequipa, LPAZ La Paz, LPAZ La Paz, LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, NNA Nana, NNA Nana, NNA Nana, NNA Nana, SIV Samuel, OTAV Otavalo, SDCO Great Sand Dun, SMCO Smoked Mountain, PDAR Pineda Array B, DBIC Dimbokro, TORO Torodi Arr, YKA Yellowknife Arr, SONM Songo Array B.

MEX 08 05:06:03.2±0.7, 1765N-9464W, h139km±12km, MD3.9, Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like CMIG Matias Romero, OXX Oaxaca, VHO Vista Hermosa, TPIG Tehuacan, TPIG Tehuacan, UTMU Huajuapam.

ISCJB 08 05:07:25.1±1.1, 3659N-006x276E±0.1, h91km±9km, Error ellipse: s-maj=15.3km s-min=9.6km az=171.0, CSEM 08 05:07:25.0±0.2, 3666N-2789E, h80km, MD2.6, Error ellipse: s-maj=5.3km s-min=4.8km az=25.0, ATH 08 05:07:27.4, 3659N-2735E, h10km, MD3.4/3, HLW 08 05:07:30.2, 3214N-3305E, h30km, Mb3.3, ISC 08 05:07:31.1, 3694N-2791E, h30km, MD2.6, ISC 08 05:07:26.0±1.1, 3660N-006x276E±0.1, h86km±9km, n11, ±088/15, Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like DAT Data, DAT Data, BODT Bodrum, BODT Bodrum, ARG Arhangelos, MLSB Milas, DALT Dalyan (Mudla), KARP Karpathos, KARP Karpathos, NPS Samos, NPS Neapolis, HMAT Matruh, SWA1 Swaen, SWA2 Swaen.

NEIC 08 05:24:17.9, 1683N-10018W, h5km, MD4.4(MEX), After MEX

MEX 08 05:24:18.0±0.9, 1683N-10018W, h7km±4km, MD4.5, 1D, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like CAIG El Cayaco, ACX Acapulco, MEIG Mezcala, ZIH Zihuatanejo, PLIG Platanillo, PLIG Platanillo, PNIG Pinotepa, PNIG Pinotepa, YNIG Yautepac, YNIG Yautepac, UTMU Huajuapam, UTMU Salazar, PMIG Popocatepeti, PMIG Morelia, MOIG Morelia, MOIG Morelia, IHO Organos, VHO Vista Hermosa, VHO Vista Hermosa, OXX Oaxaca, MMIG Aquila, COLM Colima, COLM Colima, SFJM Santa Fe, ANIG Ahuacatlan, ANIG Ahuacatlan, ZAG Zacatecas, LNIG Linares, LNIG Linares.

ISCJB 08 06:19:49.0±0.4, 4400N-002x738E±0.03, h8km, Error ellipse: s-maj=3.5km s-min=2.6km az=134.2, LDG 08 06:19:49.0±1.1, 4396N-744E, h8km, MD2.2/1, M2.3/8, Error ellipse: s-maj=1.8km s-min=1.4km az=69.0, NEIC 08 06:19:50.0, 4396N-741E, h5km±1km, M2.2(LDG), M2.2(STR), After STR.

STR 08 06:19:50.0±0.1, 4396N-741E, h5km±1km, M2.7, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, ISC 08 06:19:48.9±0.5, 4397N-002x746E±0.04, h16km±2km, n18, ±058/38, Near south coast of Panama

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like AUTN L'Aution, AUTN L'Aution, SAOF Saogre, SAOF Saogre, SBF Sospel, SBF Sospel, LUCF Luceram, TOUF Mont Tournera, TOUF Mont Tournera, MVIF Mont Vial, MVIF Mont Vial, REVV Reverse, REVV Reverse, SURF Saint Urs, SURF Saint Urs, FRF La Foret Royal, FRF La Foret Royal, MBDF Montbardon, MBDF Montbardon, LMR La Moure, LMR La Moure, SMRF Simiane la Rot, SMRF Simiane la Rot, SMRF Simiane la Rot, SMRF Simiane la Rot, ORIF Oris-en-Rattie, ORIF Oris-en-Rattie, LPG La Plagne, LPG La Plagne.

IDC 08 05:27:31.0±0.8, 4806N-15243E, h0km, mb3.9/3, mb1 4.0/4, mb1mx3.6/21, mbtmp3.8/4, ML4.3/1, Error ellipse: s-maj=132.0km s-min=48.0km az=124.0, Kuril

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like ASAJ Ashikawa, MJAR Matsushiro Arr, MKAR Makanchi Array, BVAR Brovoje Array, FINES FINESS Array B, NB2 NORSAR Subarra, NOA NORSAR Array B.

MEX 08 05:29:17.1±0.3, 1680N-10020W, h10km±1km, MD3.5, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like CAIG El Cayaco, ACX Acapulco, MEIG Mezcala, UTMU Huajuapam, UTMU Huajuapam.

ISCJB 08 05:38:06.5±1.4, 191S-01x178W±0.1, h447km±20km, mb3.7/6, Error ellipse: s-maj=20.5km s-min=13.8km

NEIC 08 05:38:07.0±1.2, 1925S-17821W, h451km±16km, mb3.9/1, Error ellipse: s-maj=29.4km s-min=11.8km az=149.0, IDC 08 05:38:07.2±1.8, 1929S-17820W, h451km±23km, mb3.3/5, mb1 3.5/8, mb1mx3.4/16, mbtmp4.2/8, Error ellipse: s-maj=20.6km s-min=13.1km az=129.0, ISC 08 05:38:07.5±1.2, 193S-01x178W±0.1, h448km±18km, n14, ±0579/14, mb3.7/6, Fijol Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like AFI Afiamalu, DZM Mont Dzumac, URZ Urewera, STKA Stephens Creek, WB2 Warramunga Arr, WRA Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, ASPA Alice Springs, MBWA Marble Bar, NVAR Mina Array Bea, PDAR Pinedas Array, AKAS2 Main Array B, GERES GERES Array B.

IGQ 08 06:17:11.5, 285N-8004W, h12km±6km, MB4.3, Ms4.1, 3C-2D, Error ellipse: s-maj=21.9km s-min=6.5km az=156.8, South of Panama

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like COTA Cotacachi, COTA Cotacachi, YANA Yana, PINO Pino, TERV Terraza Guagua, GGP Terraza Guagua, GGP Terraza Guagua, JUJ2 San Juan 2, CAYA Cayambe, ANIG Anguara, CAYR Refugio Cayamb, CONE Cono NE Rev Vo, ANTI Antisana, NAST Nasa, CAMI Rancho Maria, CAMI Rancho Maria, VC1 Cotopaxi 1, VC1 Cotopaxi 1, TAMB Tambo.

ISCJB 08 06:19:49.0±0.4, 4400N-002x738E±0.03, h8km, Error ellipse: s-maj=3.5km s-min=2.6km az=134.2, LDG 08 06:19:49.0±1.1, 4396N-744E, h8km, MD2.2/1, M2.3/8, Error ellipse: s-maj=1.8km s-min=1.4km az=69.0, NEIC 08 06:19:50.0, 4396N-741E, h5km±1km, M2.2(LDG), M2.2(STR), After STR.

STR 08 06:19:50.0±0.1, 4396N-741E, h5km±1km, M2.7, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, ISC 08 06:19:48.9±0.5, 4397N-002x746E±0.04, h16km±2km, n18, ±058/38, Near south coast of Panama

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like AUTN L'Aution, AUTN L'Aution, SAOF Saogre, SAOF Saogre, SBF Sospel, SBF Sospel, LUCF Luceram, TOUF Mont Tournera, TOUF Mont Tournera, MVIF Mont Vial, MVIF Mont Vial, REVV Reverse, REVV Reverse, SURF Saint Urs, SURF Saint Urs, FRF La Foret Royal, FRF La Foret Royal, MBDF Montbardon, MBDF Montbardon, LMR La Moure, LMR La Moure, SMRF Simiane la Rot, SMRF Simiane la Rot, SMRF Simiane la Rot, SMRF Simiane la Rot, ORIF Oris-en-Rattie, ORIF Oris-en-Rattie, LPG La Plagne, LPG La Plagne.

IDC 08 05:27:31.0±0.8, 4806N-15243E, h0km, mb3.9/3, mb1 4.0/4, mb1mx3.6/21, mbtmp3.8/4, ML4.3/1, Error ellipse: s-maj=132.0km s-min=48.0km az=124.0, Kuril

8d 10h

K06A	Valley Falls	58.90 311	↑P	P	10 16 39.3 +0.2
G07A	Ruggs Ranch, H	58.91 314	↑P	P	10 16 38.6 -0.5
A09A	Danville	58.97 319	↓P	P	10 16 39.5 0.0
TOAD	Torodi Ar. Sit	58.99 83	eP	P	10 16 39.2 -0.6
TORD	Torodi Ar. Bea	58.99 83	eP	P	10 16 39.0 -0.7
TORD	comp=Z,9.9nm,0.8s,mb4.9,baz=287,slow=6.1,SNR=53		LR		10 41 57.0
C08A	Higginbotham F	59.00 317	↓P	P	10 16 39.6 -0.2
I06A	Prineville	59.06 313	↑P	P	10 16 40.9 +0.8
SUMG	Summit	59.07 7	eP	P	10 16 40.1 -0.2
RJF	Les Rejaudoux	59.13 46	eP	P	10 16 40.6 -0.1
RJF	Les Rejaudoux	59.13 46	eP	P	10 16 40.6 -0.1
RJF	comp=Z,29nm,1.2s,mb5.2		pmx	pmx	
RJF	Les Rejaudoux	59.13 46	eP	P	10 16 40.6 -0.1
HAST	UC Hastings Re	59.19 304	↑P	P	10 16 41.6 +0.5
MTLF	Montleou	59.30 48	eP	P	10 16 41.4 -0.5
MTLF	Montleou	59.30 48	eP	P	10 16 41.4 -0.5
MTLF	comp=Z,17nm,1.0s,mb5.0		pmx	pmx	
MTLF	Montleou	59.30 48	eP	P	10 16 41.4 -0.5
K05A	Summer Lake	59.36 311	↑P	P	10 16 43.0 +0.8
OHCN	Honcut	59.39 307	eP	P	10 16 42.2 -0.3
OHCN	comp=Z,29nm,1.2s,mb5.2		eP	P	10 17 28.8 -1.5
ORV	Oroville	59.42 307	↓P	P	10 16 43.3 +0.6
CAF	Calviac	59.45 46	eP	P	10 16 42.8 -0.1
CAF	Calviac	59.45 46	eP	P	10 16 42.8 -0.1
CAF	comp=Z,17nm,0.9s,mb5.1		pmx	pmx	
CAF	Calviac	59.45 46	eP	P	10 16 42.8 -0.1
G06A	Carison Farm	59.57 314	↓P	P	10 16 44.6 +0.9
SUTB	Sutter Butte	59.61 307	↑P	P	10 16 44.1 +0.1
C07A	Waterville	59.65 317	↑P	P	10 16 44.4 +0.1
J05A	Fort Rock	59.69 312	↑P	P	10 16 45.5 +1.0
F06A	Goldendale	59.77 315	↓P	P	10 16 45.5 +0.5
TCF	Toux Ste Croi	59.79 45	eP	P	10 16 45.1 -0.1
TCF	Toux Ste Croi	59.79 45	eP	P	10 16 45.1 -0.1
TCF	comp=Z,12nm,0.0s,mb4.9		pmx	pmx	
TCF	Toux Ste Croi	59.79 45	eP	P	10 16 45.1 -0.1
B07A	Winthrop	59.84 318	P	P	10 16 45.5 -0.1
H05A	Madras	59.89 313	↑P	P	10 16 46.6 +0.7
M04A	Macdoel	59.93 310	↓P	P	10 16 46.3 +0.1
K04C	Chiquin	59.96 311	↑P	P	10 16 46.7 +0.3
E06A	Yakima	60.04 315	↓P	P	10 16 47.3 +0.3
D06A	Cie Eium	60.07 316	↑P	P	10 16 47.3 +0.1
M03C	McCloud	60.08 309	↓P	P	10 16 47.5 +0.3
F05A	White Salmon	60.25 315	↓P	P	10 16 49.2 +0.8
HYF	Humblyngy	60.26 44	eP	P	10 16 48.5 -0.1
BGF	Bois d'Agland	60.27 45	eP	P	10 16 48.2 -0.3
BGF	Bois d'Agland	60.27 45	eP	P	10 16 48.2 -0.3
BGF	comp=Z,5.0nm,0.6s,mb4.7		pmx	pmx	
BGF	Bois d'Agland	60.27 45	eP	P	10 16 48.2 -0.3
HOOD	Mount Hood Ma	60.30 314	eP	P	10 16 48.7 -0.0
WDC	Whiskeytown Da	60.32 308	↓P	P	10 16 50.1 +1.2
H04A	Detroit Lake	60.57 313	↓P	P	10 16 50.9 +0.3
YBH	Yreka Blue Hor	60.57 310	LR	LR	10 45 05.5
YBH	comp=Z,117nm,20.2s,MS4.0,baz=104,slow=38		LR	LR	10 45 05.3 -0.2
YBH	Yreka Blue Hor	60.57 310	LR	LR	10 45 05.3 -0.2
E05A	Randle	60.57 315	↓P	P	10 16 51.6 +1.0
AVF	Avril sur Loir	60.66 44	eP	P	10 16 50.7 -0.5
AVF	Avril sur Loir	60.66 44	eP	P	10 16 50.7 -0.5
AVF	comp=Z,18nm,1.1s,mb5.1		pmx	pmx	
AVF	Avril sur Loir	60.66 44	eP	P	10 16 50.7 -0.5
SSF	Saint Saule	60.61 44	eP	P	10 16 51.7 -0.5
SSF	Saint Saule	60.61 44	eP	P	10 16 51.7 -0.5
SSF	comp=Z,10.0nm,0.7s,mb5.0		pmx	pmx	
SSF	Saint Saule	60.61 44	eP	P	10 16 51.7 -0.5
SMF	Signal de Mont	60.96 45	eP	P	10 16 52.9 -0.3
SMF	Signal de Mont	60.96 45	eP	P	10 16 52.9 -0.3
SMF	comp=Z,10.0nm,0.8s,mb5.0		pmx	pmx	
SMF	Signal de Mont	60.96 45	eP	P	10 16 52.9 -0.3
LOR	Lormes	61.08 44	eP	P	10 16 53.4 -0.6
LOR	Lormes	61.08 44	eP	P	10 16 53.4 -0.6
LOR	comp=Z,22nm,1.1s,mb5.2		pmx	pmx	
LOR	Lormes	61.08 44	eP	P	10 16 53.4 -0.6
B05A	Bryant	61.10 317	↓P	P	10 16 54.5 +0.3
I03A	Eugene	61.25 312	↑P	P	10 16 54.6 -0.6
VIVF	Saint-Julien-1	61.27 47	eP	P	10 16 55.6 +0.3
VIVF	Saint-Julien-1	61.27 47	eP	P	10 16 55.6 +0.3
VIVF	comp=Z,28nm,0.9s,mb5.1		pmx	pmx	
VIVF	Saint-Julien-1	61.27 47	eP	P	10 16 55.6 +0.3
VIVF	comp=Z,14nm,0.9s,mb5.1		eP	P	10 16 55.6 +0.3
VIVF	Saint-Julien-1	61.27 47	eP	P	10 16 55.6 +0.3
YKA	Yellowknife Ar	61.34 334	P	P	10 16 54.0 -1.8
YKA	Yellowknife Ar	61.34 334	P	P	10 16 54.0 -1.8
YKA	comp=Z,4.6nm,0.7s,mb4.7,baz=106,slow=7.4,SNR=14		LR	LR	10 41 13.7
C04A	Brinnon	61.38 48	↑P	P	10 16 57.2 -0.2
SMRF	Simiane la Rot	61.50 81	eP	P	10 16 58.6 -0.3
BAIF	Saives	61.81 41	eP	P	10 16 58.4 -0.6
MEZF	Maizieres J'vi	62.08 43	eP	P	10 17 00.3 -0.5
MEZF	Maizieres J'vi	62.08 43	eP	P	10 17 00.3 -0.5
MEZF	comp=Z,33nm,0.8s,mb5.2		eP	P	10 17 00.3 -0.5
ORIF	Oris-en-Rattie	62.13 47	eP	P	10 17 00.9 -0.2
ORIF	Oris-en-Rattie	62.13 47	eP	P	10 17 00.9 -0.2
ORIF	comp=Z,128nm,18.0s		eMLR	MLR	
ORIF	Oris-en-Rattie	62.13 47	eP	P	10 17 00.9 -0.2
ORIF	comp=Z,12nm,1.2s,mb4.9		pmx	pmx	
ORIF	Oris-en-Rattie	62.13 47	eP	P	10 17 00.9 -0.2
GIVF	Givet	62.21 41	eP	P	10 17 01.2 -0.4
LMR	La Moure	62.41 49	eP	P	10 17 02.8 -0.2
LMR	La Moure	62.41 49	eP	P	10 17 02.8 -0.2
LMR	comp=Z,9.2nm,0.7s,mb4.7		pmx	pmx	
LMR	La Moure	62.41 49	eP	P	10 17 02.8 -0.2
LMR	comp=Z,5.0nm,0.7s,mb4.8		pmx	pmx	

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LMR	La Moure	62.41 49	eP	P	10 17 02.8 -0.2
CABF	La Chapelle	62.49 45	eP	P	10 17 03.3 -0.2
CABF	La Chapelle	62.49 45	eP	P	10 17 03.3 -0.2
CABF	comp=Z,29nm,1.1s,mb5.0		pmx	pmx	
CABF	La Chapelle	62.49 45	eP	P	10 17 03.3 -0.2
CABF	comp=Z,14nm,1.1s,mb5.0		eP	P	10 17 03.3 -0.2
FRF	La Foret Royal	62.53 48	eP	P	10 17 03.7 -0.1
FRF	La Foret Royal	62.53 48	eP	P	10 17 03.7 -0.1
FRF	comp=Z,8.0nm,0.8s,mb4.9		pmx	pmx	
FRF	La Foret Royal	62.53 48	eP	P	10 17 03.7 -0.1
MBDF	Montbardon	62.74 47	eP	P	10 17 05.6 +0.4
MBDF	Montbardon	62.74 47	eP	P	10 17 05.6 +0.4
MBDF	comp=Z,15nm,0.8s,mb4.9		pmx	pmx	
MBDF	Montbardon	62.74 47	eP	P	10 17 05.6 +0.4
MBDF	comp=Z,7.0nm,0.8s,mb4.8		pmx	pmx	
MBDF	Montbardon	62.74 47	eP	P	10 17 05.6 +0.4
LPL	La Plagne	62.80 46	eP	P	10 17 05.5 -0.1
LPL	La Plagne	62.80 46	eP	P	10 17 05.5 -0.1
LPL	comp=Z,14nm,0.8s,mb4.8		pmx	pmx	
LPL	La Plagne	62.80 46	eP	P	10 17 05.5 -0.1
LPL	comp=Z,7.0nm,0.8s,mb4.8		pmx	pmx	
LPL	La Plagne	62.80 46	eP	P	10 17 05.5 -0.1
LPG	La Plagne	62.81 46	eP	P	10 17 05.6 -0.1
LPG	La Plagne	62.81 46	eP	P	10 17 05.6 -0.1
LPG	comp=Z,54nm,1.4s,mb5.2		pmx	pmx	
LPG	La Plagne	62.81 46	eP	P	10 17 05.6 -0.1
LPG	comp=Z,27nm,1.4s,mb5.2		eP	P	10 17 05.6 -0.1
LPG	La Plagne	62.81 46	eP	P	10 17 05.6 -0.1
HOU	Haudompre	62.86 43	eP	MLR	10 17 05.4 -0.6
HOU	comp=Z,166nm,17.5s		eMLR	MLR	
SBF	Sospel	63.13 48	eP	P	10 17 07.4 -0.4
HINF	Hinwilfeld	63.17 44	eP	P	10 17 07.0 -1.0
GDF	Champ du Feu	63.53 43	eP	P	10 17 09.9 -0.5
GDF	Champ du Feu	63.53 43	eP	P	10 17 09.9 -0.5
GDF	comp=Z,28nm,1.1s,mb4.9		pmx	pmx	
GDF	Champ du Feu	63.53 43	eP	P	10 17 09.9 -0.5
GDF	comp=Z,14nm,1.1s,mb4.9		pmx	pmx	
GDF	Champ du Feu	63.53 43	eP	P	10 17 09.9 -0.5
RPN	Rapa Nui	64.01 230	LR	LR	10 40 24.2
KEST	Keora	64.23 57	P	P	10 17 16.0 +0.9
TNS	Tausus Mts	64.53 41	eP	P	10 17 17.3 +0.3
TNS	Tausus Mts	64.53 41	eP	P	10 17 17.3 +0.3
TNS	comp=Z,5.8nm,0.8s,mb4.7,baz=284,slow=3.2,SNR=15		pmx	pmx	
TNS	Tausus Mts	64.53 41	eP	P	10 17 17.3 +0.3
TNS	Tausus Mts	64.53 41	eP	P	10 17 17.3 +0.3
TNS	comp=Z,16nm,1.0s,mb5.0		pmx	pmx	
STU	Stuttgart	64.83 43	eP	P	10 17 18.3 -0.7
STU	comp=Z,18nm,1.0s,mb5.0		eP	P	10 17 21.7 +0.7
STU	Danuels	65.15 45	↑P	P	10 17 25.6 0.0
STU	comp=Z,17nm,0.8s,mb5.1		eP	P	10 17 25.6 0.0
NRDL	Niedersach Rie	65.85 39	eP	P	10 17 25.6 0.0
NRDL	comp=Z,10.0nm,0.9s,mb4.8		eP	P	10 17 25.9 -0.2
CLZ	Clausthal	65.94 40	eP	P	10 17 25.9 -0.2
CLZ	Clausthal	65.94 40	eP	P	10 17 25.9 -0.2
CLZ	comp=Z,12nm,1.2s,mb4.8		pmx	pmx	
CLZ	Clausthal	65.94 40	eP	P	10 17 25.9 -0.2
MOTA	Moosalm	65.98 45	↓P	P	10 17 26.4 0.0
MOTA	Moosalm	65.98 45	↓P	P	10 17 26.4 0.0
MOTA	comp=Z,10.0nm,0.9s,mb4.8		pmx	pmx	
MOTA	Moosalm	65.98 45	↓P	P	10 17 26.4 0.0
MOTA	comp=Z,10.0nm,0.9s,mb4.8		pmx	pmx	
SQTA	Sankt Quirin	66.04 45	↓P	P	10 17 27.0 +0.2
SQTA	Sankt Quirin	66.04 45	↓P	P	10 17 27.0 +0.2
SQTA	comp=Z,12nm,0.8s,mb5.0		pmx	pmx	
SQTA	Sankt Quirin	66.04 45	↓P	P	10 17 27.0 +0.2
SQTA	Sankt Quirin	66.04 45	↓P	P	10 17 27.0 +0.2
SQTA	comp=Z,13nm,0.8s,mb5.0		pmx	pmx	
BSEG	Bad Segeberg	66.17 37	eP	P	10 17 27.5 -0.1
BSEG	comp=Z,16nm,1.0s,mb5.0		eP	P	10 17 28.0 -0.2
GRA1	Grafenberg Arr	66.25 42	eP	P	10 17 28.0 -0.2
GRA1	Grafenberg Arr	66.25 42	eP	P	10 17 28.0 -0.2
GRA1	comp=Z,18nm,1.1s,mb5.0		eP	P	10 17 28.0 -0.2
GRA1	Grafenberg Arr				

265	VNDA Vanda	55.10 186	P	P	14 19 51.2 +2.5	
	VNDA				14 20 50.7	
	VNDA	comp=Z,19nm,1.0s		pmax	pmax	
	VNDA	comp=Z,15nm,0.9s		pmax	pmax	
	VNDA Vanda	55.10 186	eP	P	14 19 51.0 +2.2	
	VNDA	comp=Z,43nm,1.3s,mb5.3				
	VNDA KLBRR	Kellerberriin	58.98 246	eP	P	14 20 51.3 +1.3
	VNDA	comp=Z,39nm,0.9s,mb5.4			14 20 15.7 -0.5	
	VNDA NWAOW	Narogin (SRO)	59.19 245	P	P	14 20 17.4 -0.3
	VNDA	comp=Z,11nm,0.8s,mb5.0,comp=Z,64,slow=8.7,SNR=11				
	VNDA NWAOW	comp=Z,2um,19.5s,MS5.3,baz=73,slow=34			14 43 15.9	
	VNDA MUN	Mundaring	60.20 246	eP	P	14 20 36.0 +6.0
	VNDA CBJJ	Chichi jima	64.91 318	LR	LR	14 43 52.3
	VNDA QSPA	South Pole Qui	66.52 180	jP	P	14 21 07.9 +1.4
	VNDA	comp=Z,1.96nm,1.1s,mb5.9				
	VNDA MIR	Mirny	69.25 205c	jP	P	14 21 27.0 +3.3
	VNDA	comp=Z,45nm,1.5s,mb5.2				
	VNDA MJAR	Matsushiro Arr	74.08 323	P	P	14 21 52.0 -0.8
	VNDA	comp=Z,3.2nm,0.5s,mb4.5,baz=156,slow=5.7,SNR=19			14 49 06.3	
	VNDA MJAR	Matsushiro Arr	74.08 323	P	P	14 21 52.0 -0.8
	VNDA MJAR	Asahikawa	77.55 330	P	P	14 22 12.1 -0.5
	VNDA ASAJ	Asahikawa	77.55 330	P	P	14 22 12.1 -0.5
	VNDA	comp=Z,35nm,1.0s		pmax	pmax	
	VNDA V04C	Ramage Ranch,	78.29 43	jP	P	14 22 17.1 +0.4
	VNDA	baz=78				
	VNDA H03C	Hunter Liggett	78.31 42	jP	P	14 22 17.5 +0.7
	VNDA	baz=78				
	VNDA VAST	UC Hastings Re	78.36 42	jP	P	14 22 17.5 +0.5
	VNDA	baz=78				
	VNDA BNLO	Ben Lomond (Sa	78.47 41	jP	P	14 22 17.8 +0.2
	VNDA	baz=79				
	VNDA PKM	Peak Mountain	78.47 44	jP	P	14 22 18.2 +0.5
	VNDA	baz=79				
	VNDA JRSC	Jasper Ridge	78.61 41	jP	P	14 22 18.2 -0.2
	VNDA	baz=79				
	VNDA PKD	Parkfield	78.69 43	jP	P	14 22 18.9 0.0
	VNDA	baz=79				
	VNDA PTRM	Twissleman Ran	78.71 43	jP	P	14 22 19.2 +0.2
	VNDA PACP	Pacheco Peak	78.92 41	jP	P	14 22 20.4 +0.3
	VNDA	baz=79,SNR=14				
	VNDA 109C	Camp Elliot, M	79.00 47	jP	P	14 22 20.2 -0.4
	VNDA	baz=79				
	VNDA DECC	Green Verdugo	79.03 45	jP	P	14 22 20.4 -0.3
	VNDA	baz=79				
	VNDA V05C	Boulder Hill,	79.04 43	jP	P	14 22 21.5 +0.7
	VNDA	baz=79				
	VNDA WENL	Wente Brothers	79.04 41	jP	P	14 22 21.3 +0.5
	VNDA	baz=79				
	VNDA CVS	Carment Viney	79.10 40	jP	P	14 22 21.0 -0.2
	VNDA	baz=79				
	VNDA HOPS	Hoiland	79.18 39	jP	P	14 22 21.9 +0.4
	VNDA	baz=79				
	VNDA BDM	Black Diamond	79.19 40	jP	P	14 22 21.9 +0.3
	VNDA	baz=79				
	VNDA S04C	Ingram Canyon,	79.22 41	P	P	14 22 22.3 +0.5
	VNDA	baz=79,SNR=8.4				
	VNDA T05C	Eagle Field, D	79.22 42	jP	P	14 22 22.6 +0.8
	VNDA	baz=79				
	VNDA ARVC	Arvin	79.25 44	jP	P	14 22 21.9 -0.1
	VNDA	baz=79				
	VNDA MURC	Murrieta	79.37 46	jP	P	14 22 22.6 0.0
	VNDA	baz=80				
	VNDA BFSC	Mount Baldy St	79.46 45	jP	P	14 22 23.0 -0.1
	VNDA	baz=80				
	VNDA MONP	Monument Peak	79.47 47	jP	P	14 22 23.5 +0.4
	VNDA	baz=80,SNR=5.2				
	VNDA MNRC	McLaughlin Nat	79.47 39	jP	P	14 22 23.8 +0.6
	VNDA	comp=Z,47nm,1.5s,mb5.1				
	VNDA MAW	Mawson	79.50 199	jP	P	14 22 24.4 +1.1
	VNDA	comp=Z,38nm,1.1s,mb5.2				
	VNDA MAW	Mawson	79.50 199	P	P	14 22 24.7 +1.4
	VNDA	comp=Z,47nm,1.1s,mb5.3,baz=124,slow=6.2,SNR=79				
	VNDA MAW	Mawson	79.50 199	P	P	14 22 24.7 +1.4
	VNDA	comp=Z,47nm,1.1s				
	VNDA PET	Petropavlovsk	79.53 344	eP	P	14 22 23.2 -0.3
	VNDA	comp=Z,20nm,0.7s,mb5.2				
	VNDA 001C	Eel River Cons	79.53 38	jP	P	14 22 23.9 +0.5
	VNDA	baz=80				
	VNDA VES	Vestal, Richgr	79.54 43	P	P	14 22 23.7 +0.2
	VNDA	baz=80,SNR=12				
	VNDA DVTC	Desert V Tower	79.54 48	jP	P	14 22 23.9 +0.4
	VNDA	baz=80				
	VNDA Q03C	Winters	79.55 40	jP	P	14 22 23.8 +0.2
	VNDA	baz=80				
	VNDA EDW2	Edwards Air Fo	79.64 45	P	P	14 22 24.1 0.0
	VNDA	baz=80,SNR=14				
	VNDA YSS	Yuzh-Sakhalins	79.70 332	P	P	14 22 25.3 +0.9
	VNDA YSS	Yuzh-Sakhalins	79.70 332	jP	P	14 22 25.8 +1.4
	VNDA S05C	Merced	79.72 42	jP	P	14 22 24.7 +0.2
	VNDA	baz=80				
	VNDA RCTC	Rector, Farmer	79.73 43	jP	P	14 22 24.7 +0.1
	VNDA	baz=80				
	VNDA ISA	Isabella	79.81 44	eP	P	14 22 25.3 +0.3
	VNDA	comp=Z,0.1nm,1.3s				
	VNDA ISA	Isabella	79.81 44	P	P	14 22 25.4 +0.4
	VNDA	baz=80,SNR=16				
	VNDA GASB	Alder Springs	79.82 39	jP	P	14 22 26.1 +1.1
	VNDA	baz=80				
	VNDA PFO	Pinyon Flat Ob	79.87 47	eP	P	14 22 24.9 -0.4
	VNDA	comp=Z,16nm,1.3s,mb4.8				
	VNDA PFO	Pinyon Flat Ob	79.87 47	jP	P	14 22 25.4 0.0
	VNDA	baz=80,SNR=5.7				
	VNDA SWSC	Sam W Stewart	79.92 47	jP	P	14 22 25.6 0.0
	VNDA	baz=80				
	VNDA R04C	Big Horse Ranc	79.94 41	jP	P	14 22 25.4 -0.3
	VNDA	baz=80				
	VNDA Q04C	Lincoln	80.06 40	jP	P	14 22 26.0 -0.3
	VNDA	baz=80				
	VNDA SUTB	Sutter Butte	80.08 39	jP	P	14 22 26.2 -0.2
	VNDA	baz=80				
	VNDA HELL	Mitchell Peak,	80.10 43	P	P	14 22 26.3 -0.2
	VNDA	baz=80,SNR=8.9				
	VNDA CMB	Columbia Colle	80.13 41	P	P	14 22 26.7 0.0
	VNDA	baz=80,SNR=17				
	VNDA 002C	Red Bluff	80.14 38	jP	P	14 22 27.0 +0.2
	VNDA	baz=80,SNR=7.5				
	VNDA LRMC	Laurel Mountai	80.20 44	jP	P	14 22 27.4 +0.3
	VNDA	baz=80				
	VNDA KCC	Kaiser Creek	80.33 42	eP	P	14 22 27.8 +0.1
	VNDA	baz=80,SNR=9.3				
	VNDA OHCM	Honcut	80.33 39	eP	P	14 22 27.5 -0.3
	VNDA LAVA	Lava Cap Winer	80.39 40	jP	P	14 22 27.9 -0.2
	VNDA	baz=80,SNR=5.7				
	VNDA BELC	Belle Mtn.	80.41 46	jP	P	14 22 28.4 +0.2
	VNDA	baz=80,SNR=8.2				
	VNDA ORV	Oroville	80.46 39	P	P	14 22 28.6 +0.1
	VNDA	baz=81,SNR=6.3				
	VNDA CWC	Cottonwood Cre	80.55 43	jP	P	14 22 29.3 +0.3
	VNDA	baz=81				
	VNDA WDC	Whiskeytown Da	80.55 38	jP	P	14 22 29.0 +0.1
	VNDA	baz=81,SNR=7.7				
	VNDA BC3	Big Chuck Mtn	80.57 47	jP	P	14 22 29.6 +0.5
	VNDA	baz=81,SNR=6.7				
	VNDA GLA	Glamis	80.64 48	jP	P	14 22 29.7 +0.2
	VNDA GLA	Glamis	80.64 48	jP	P	14 22 29.8 +0.4
	VNDA	baz=81,SNR=6.6				
	VNDA GSC	Goldstone	80.66 45	eP	P	14 22 29.2 -0.4
	VNDA GSC	Goldstone	80.66 45	eP	P	14 22 29.6 0.0
	VNDA	baz=81,SNR=9.4				
	VNDA MPMC	Manual Prospec	80.69 44	P	P	14 22 30.0 +0.3
	VNDA	baz=81,SNR=14				
	VNDA HEC	Hector,Ludlow	80.69 46	jP	P	14 22 29.6 -0.1
	VNDA	baz=81				
	VNDA R05C	Chirwood Meado	80.75 41	P	P	14 22 30.2 +0.2
	VNDA	baz=81,SNR=10				
	VNDA MTUM	Tungsten Hills	80.81 43	eP	P	14 22 30.8 +0.4
	VNDA	baz=81				
	VNDA TLAC	Nammoth Lakes	80.82 42	jP	P	14 22 31.1 +0.6
	VNDA	baz=81				
	VNDA MIN	Tinamoha	80.83 43	jP	P	14 22 30.5 0.0
	VNDA	baz=81				
	VNDA M02C	Callahan	80.92 37	jP	P	14 22 31.5 +0.6
	VNDA	baz=81,SNR=8.8				
	VNDA R07C	Lee Vining	80.98 42	jP	P	14 22 31.5 +0.3
	VNDA	baz=81,SNR=5.8				

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K01A	Sixes	81.01 35	jP	P	14 22 32.0 +0.5
	baz=81				
R06C	Coleville	81.01 41	P	P	14 22 32.1 +0.7
	baz=81,SNR=17				
L02A	Cave Junction	81.02 36	jP	P	14 22 31.8 +0.3
	baz=81				
O05C	Quincy	81.07 39	jP	P	14 22 32.0 +0.3
	baz=81				
IRM	Iron Mountain	81.07 47	P	P	14 22 32.1 +0.3
	baz=81,SNR=11				
S08C	White Mtn Res	81.15 43	P	P	14 22 32.8 +0.6
	baz=81,SNR=28				
O04C	Chester	81.20 39	jP	P	14 22 32.7 +0.2
	baz=81				
YBH	Yreka Blue Hor	81.22 37	P	P	14 22 33.1 +0.5
	baz=81,SNR=9.1				
M03C	McCloud	81.25 38	jP	P	14 22 32.7 0.0
	baz=81,SNR=5.7				
Y12C	Glythe	81.25 47	jP	P	14 22 33.2 +0.5
	baz=81				
HATC	Hat Creek Radi	81.32 38	jP	P	14 22 33.4 +0.3
	baz=81				
TUQ	Turquoise Mtn.	81.32 45	jP	P	14 22 33.1 0.0
	baz=81				
WCN	Washoe City	81.32 40	jP	P	14 22 33.6 +0.5
	baz=81,SNR=10				
BEKR	Beckwourth	81.33 40	jP	P	14 22 33.1 0.0
	baz=81,SNR=11				
FURC	Furnace Creek,	81.34 44	jP	P	14 22 33.0 -0.2
	baz=82				
GRAC	Grapevine Rang	81.34 43	jP	P	14 22 33.5 +0.3
	baz=82				
SHOC	Shoshone	81.36 45	jP	P	14 22 33.2 -0.2
	baz=82,SNR=6.0				
P06A	Stead Airport,	81.48 40	jP	P	14 22 34.4 +0.5
	baz=82				
K02A	Glendale				

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, and other technical details. Includes stations like CN2 Changchun, BMO Blue Mountains, F09A S2 Ranch, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, and other technical details. Includes stations like COLA Indian Mountain, GCMT Greycliff, WMOQ Wichita Mounta, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, and other technical details. Includes stations like OPO Ambohadratomo, CHKZ Chkalovo, BVAR Borovoye Array, etc.

Table with columns: Code, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like Daday, Hatay, CEYT, CDAG, RUE, RUES, RUD, RUE, RUF, RUG, RUI, RUM, RUS, RUT, RUV, RUX, RUY, RUZ, RVA, RVE, RWF, RYU, RZA, RZB, RZC, RZD, RZE, RZF, RZG, RZH, RZI, RZJ, RZK, RZL, RZM, RZN, RZO, RZP, RZQ, RZR, RZS, RZT, RZU, RZV, RZW, RZX, RZY, RZZ.

Table with columns: Code, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like TNS, GRA1, GRA2, GRA3, GRA4, GRA5, GRA6, GRA7, GRA8, GRA9, GRA10, GRA11, GRA12, GRA13, GRA14, GRA15, GRA16, GRA17, GRA18, GRA19, GRA20, GRA21, GRA22, GRA23, GRA24, GRA25, GRA26, GRA27, GRA28, GRA29, GRA30, GRA31, GRA32, GRA33, GRA34, GRA35, GRA36, GRA37, GRA38, GRA39, GRA40, GRA41, GRA42, GRA43, GRA44, GRA45, GRA46, GRA47, GRA48, GRA49, GRA50, GRA51, GRA52, GRA53, GRA54, GRA55, GRA56, GRA57, GRA58, GRA59, GRA60, GRA61, GRA62, GRA63, GRA64, GRA65, GRA66, GRA67, GRA68, GRA69, GRA70, GRA71, GRA72, GRA73, GRA74, GRA75, GRA76, GRA77, GRA78, GRA79, GRA80, GRA81, GRA82, GRA83, GRA84, GRA85, GRA86, GRA87, GRA88, GRA89, GRA90, GRA91, GRA92, GRA93, GRA94, GRA95, GRA96, GRA97, GRA98, GRA99, GRA100.

Table with columns: Code, Station Name, Frequency, Band, Mode, and other technical details. Includes stations like RAO, RAI, RAJ, RAK, RAL, RAM, RAN, RAO, RAU, RAV, RAW, RAX, RAY, RAZ, RBA, RBB, RBC, RBD, RBE, RBF, RBG, RBH, RBI, RBJ, RBK, RBL, RBM, RBN, RBO, RBP, RBQ, RBR, RBS, RBT, RBU, RBV, RBW, RBX, RBY, RBZ, RCB, RCD, RCE, RCF, RCG, RCH, RCI, RCM, RCN, RCO, RCP, RCQ, RCR, RCS, RCT, RCU, RCV, RCW, RCX, RCY, RCZ, RDB, RDC, RDE, RDF, RDG, RDH, RDI, RDM, RDN, RDO, RDP, RDQ, RDR, RDS, RDT, RDU, RDV, RDW, RDX, RDY, RDZ, REA, REB, REC, RED, REE, REF, REG, REH, REI, REM, REN, REO, REP, REQ, RER, RES, RET, REU, REV, REW, REY, REZ, RFA, RFB, RFC, RFD, RFE, RFF, RFG, RFH, RFI, RFJ, RFK, RFL, RFM, RFN, RFO, RFP, RFQ, RFR, RFS, RFT, RFU, RFV, RFW, RFX, RFY, RFZ, RGA, RGB, RGC, RGD, RGE, RGF, RGG, RGH, RGI, RGM, RGN, RGO, RGP, RGQ, RGR, RGS, RGT, RGU, RGV, RGW, RGX, RGY, RGZ, RHA, RHB, RHC, RHD, RHE, RHF, RHG, RHH, RHI, RHM, RHN, RHO, RHP, RHQ, RHR, RHS, RHT, RHU, RHV, RHW, RHX, RHY, RHZ, RIA, RIB, RIC, RID, RIE, RIF, RIG, RIH, RII, RIM, RIN, RIO, RIP, RIQ, RIR, RIS, RIT, RIU, RIV, RIW, RIX, RIY, RIZ, RJA, RJB, RJC, RJD, RJE, RJF, RJG, RJH, RJI, RJM, RJN, RJO, RJP, RJQ, RJR, RJS, RJT, RJU, RJV, RJW, RJX, RJY, RJZ, RKA, RKB, RKC, RKD, RKE, RKF, RKG, RKH, RKI, RKM, RKN, RKO, RKP, RKQ, RKR, RKS, RKT, RKU, RKV, RKW, RKX, RKY, RKZ, RLA, RLB, RLC, RLD, RLE, RLF, RLG, RLH, RLI, RLM, RLN, RLO, RLP, RLQ, RLR, RLS, RLT, RLU, RLV, RLW, RLX, RLY, RLZ, RMA, RMB, RMC, RMD, RME, RMF, RMG, RMH, RMI, RMM, RMN, RMO, RMP, RMQ, RMR, RMS, RMT, RMU, RMV, RMW, RMX, RMY, RMZ, RNA, RNB, RNC, RND, RNE, RNF, RNG, RNH, RNI, RNM, RNN, RNO, RNP, RNQ, RNR, RNS, RNT, RNU, RNV, RNW, RNX, RNY, RNZ, ROA, ROB, ROC, ROD, ROE, ROF, ROG, ROH, ROI, ROM, RON, ROO, ROP, ROQ, ROR, ROS, ROT, ROU, ROV, ROW, ROX, ROY, ROZ, RPA, RPB, RPC, RPD, RPE, RPF, RPG, RPH, RPI, RPM, RPN, RPO, RPP, RPQ, RPR, RPS, RPT, RPU, RPV, RPW, RPX, RPY, RPZ, RSA, RSB, RSC, RSD, RSE, RSF, RSG, RSH, RSI, RSM, RSN, RSO, RSP, RSQ, RSR, RSS, RST, RSU, RSV, RSW, RSX, RSY, RSZ, RTA, RTB, RTC, RTD, RTE, RTF, RTG, RTH, RTI, RTM, RTN, RTO, RTP, RTQ, RTR, RTS, RTU, RTV, RTW, RTX, RTY, RTZ, RUA, RUB, RUC, RUD, RUE, RUF, RUG, RUH, RUI, RUM, RUN, ROO, RUP, RUQ, RUR, RUS, RUT, RUV, RUW, RUX, RUY, RUZ, RVA, RVB, RVC, RVD, RVE, RVF, RVG, RVH, RVI, RVM, RVN, RVO, RVP, RVQ, RVR, RVS, RVT, RVU, RVV, RVW, RVX, RVI, RVZ, RWA, RWB, RWC, RWD, RWE, RWF, RWG, RWH, RWI, RWM, RWN, RWO, RWP, RWQ, RWR, RWS, RWT, RWU, RWV, RWX, RWY, RWZ, RXA, RXB, RXC, RXD, RXE, RXF, RXG, RXH, RXI, RXM, RXN, RXO, RXP, RXQ, RXR, RXS, RXT, RXU, RXV, RXW, RXX, RXY, RXZ, RYA, RYB, RYC, RYD, RYE, RYF, RYG, RYH, RYI, RYM, RYN, RYO, RYP, RYQ, RYR, RYS, RYT, RYU, RYV, RYW, RYX, RYI, RYZ, RZA, RZB, RZC, RZD, RZE, RZF, RZG, RZH, RZI, RZJ, RZK, RZL, RZM, RZN, RZO, RZP, RZQ, RZR, RZS, RZT, RZU, RZV, RZW, RZX, RZY, RZZ.

MAN 08 14:29:21.0, 898N-12267E, h33km, mb1.8, M3.6, MS2.9, 1C, Mindanao
Code Station Name Δ° AZ° Phase ID Time Res
SNPH Sibulan 0.66 571°P ISC h m s ISC
SNPH 1.29 34.5 +0.5
IPIL Ipil 1.19 185°E Sn 14 29 44 +1.3
IPIL 1.29 45.1 +0.2
IPIL 1.29 53.6 -2.8
GUJM Jordan 1.63 357°E Pn 14 29 42 +0.8
GUJM Cuyo Island 1.67 319°E Pn 14 29 59 +0.4
OTPR Odiongan 3.42 349°E Sn 14 30 28 +1.7
...
ISC 08 14:41:48.3±0.6, 2331S-17548W, h10km, mb4.3/14, mb1.4/5/14, mb1mx4.1/8, mbtmp4.3/14, MLS.1/1, Error ellipse: s-maj=21.2km s-min=16.5km az=141.0
NEIC 08 14:41:49.0±0.5, 2333S-17547W, h10km, mb4.8/9, Error ellipse: s-maj=13.8km s-min=11.9km az=116.0
...
BUJ 08 14:46:49.0, 2398S-17447W, h10km, mb5.9, mb5.3, Ms5.5, Ms2.2
...
ISC 08 14:46:53.6±0.2, 2347S-17500W, h10km, mb5.4/18, M3.3, MS2.9, 1C, Mindanao

8d 14h

h17km,2,7km,pp-P,n463,d0571/314,mb5.0/47,MS4.9/18,
114C-77D,Tonga Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC
RAO	Raoul Island	6.09	201	Op Pn	14 48 26.1	+0.7	ISC
RAO	59nm,0.3s,baz=79,slow=22,SNR=7.6			Sn	14 49 32.5	-2.1	
RAO	158nm,0.3s,baz=88,slow=23,SNR=11			Sn	14 48 20.2	-5.2	
MUR	Raoul Island	6.09	201	P	14 49 32.5		
RAO	comp=Z,1µm,0.6s			pmax			
RAO	Raoul Island	6.09	201	Pn	14 48 20.2	-5.2	
RAO	comp=Z,1µm,0.6s			pmax			
RAO				Pn	14 48 26.1	+0.7	
RAO				eSn	14 49 32.2	-2.3	
RAO				Sn	14 49 32.5	-2.1	
RAO				Pn	14 49 15.1	-6.7	
AFI	Afiamalau	10.20	20	Pn	14 51 00.9	-15	
AFI	comp=Z,3.1nm,0.3s,baz=60,slow=1.1,SNR=14			Sn	14 49 15.3	-6.5	
AFI	Afiamalau	10.20	20	ePn	14 49 15.3	-6.5	
AFI	comp=Z,5.16nm,1.3s			ePn	14 49 15.3	-6.5	
AFI	Afiamalau	10.20	20	ePn	14 50 59.8	-16	
RAR	Rarotonga	14.66	84	Pn	14 50 14.2	-8.5	
RAR	comp=Z,8.8nm,0.3s,baz=246,slow=8.9,SNR=15			Sn	14 52 38.8	-26	
RAR	comp=Z,3.9nm,0.3s,baz=261,slow=8.9,SNR=47			Sn	14 50 42.2	+2.0	
URZ	Urewera	15.98	202	Pn	14 53 19.1	-18	
URZ	comp=Z,2.4nm,0.3s,baz=317,slow=1.8,SNR=8.0			Sn	14 50 53.2	+2.7	
DZM	Mont Dzumac	16.79	272	eP	14 50 55.4	+4.9	
DZM	comp=Z,0.9nm,0.3s,baz=60,slow=16,SNR=12			Pn	14 54 15.2	+19	
DZM	comp=Z,0.9nm,0.3s,baz=74,slow=12,SNR=8.5			Sn	14 52 01.5	+1.7	
RPZ	Rata Peaks	22.98	206	P	14 55 55.8	-13	
RPZ	comp=Z,1.4nm,0.9s,mb4.4,baz=326,slow=1.1,SNR=2.2			S	14 57 40.6		
RPZ	comp=Z,15nm,0.8s,baz=13,slow=18,SNR=3.4			S	14 52 15.0	-2.7	
TBI	Tubuai	23.80	95	eLQ	14 52 15.0	-2.7	
TBI	comp=Z,622nm,25.0s			eLR	14 57 40.6		
TBI	comp=Z,3µm,26.0s,baz=266			eLR	14 57 40.6		
PAE	Paea	24.86	81	eP	14 57 40.6		
PAE	comp=Z,64nm,1.1s,mb5.1			eP	14 57 40.6		
PAE	Paea	24.86	81	eP	14 57 40.6		
PAE	comp=Z,64nm,1.1s,mb5.1			pmax	14 57 40.6		
PPT	Papeete	24.90	81	eLQ	14 57 40.6		
PPT	comp=Z,1µm,24.0s			eLR	14 57 40.6		
PPT	comp=Z,3µm,26.0s,baz=250			eLR	14 57 40.6		
PPT	Papeete	24.90	81	LR	14 59 17.8		
PPT	comp=Z,2µm,19.6s,MS4.9,baz=273,slow=30			LR	14 52 15.0	-3.0	
PPT	Papeete	24.90	81	eP	14 52 15.0	-3.0	
PPT	comp=Z,38nm,1.2s			pmax	14 52 15.0	-3.0	
PPT	Papeete	24.90	81	eP	14 52 15.0	-3.0	
PPT	comp=Z,38nm,1.2s			eP	14 57 13.4		
PPT	Papeete	24.90	81	eP	14 52 17.3	-2.8	
PPT	comp=Z,114nm,1.3s,mb5.3			eLQ	14 52 17.3	-2.8	
TVO	Taravao	25.12	82	eP	14 52 17.3	-2.8	
TVO	comp=Z,114nm,1.3s,mb5.3			eP	14 52 17.3	-2.8	
TVO	Taravao	25.12	82	eP	14 52 17.3	-2.8	
TVO	comp=Z,1µm,24.0s			pmax	14 52 17.3	-2.8	
PMOR	Pomariario Ree	27.30	77	eP	14 52 37.4	-2.4	
PMOR	comp=Z,25nm,1.3s,mb4.7			P	14 52 38.6	-2.5	
VAH	Vaihoa	27.45	77	eP	14 53 53.3	-0.1	
VAH	comp=Z,32nm,1.3s,mb4.7			P	14 53 52.7	-0.7	
CTA	Charters Tower	35.68	268	eP	14 53 53.3	-0.1	
CTA	comp=Z,7.1nm,0.5s,mb4.9			P	14 53 53.3	-0.1	
CTA	Charters Tower	35.68	268	eP	14 53 53.3	-0.1	
CTA	comp=Z,7.4nm,0.5s,mb4.9,baz=98,slow=12,SNR=20			P	14 53 53.3	-0.1	
CTA	Charters Tower	35.68	268	eP	14 53 53.3	-0.1	
CTA	comp=Z,7.0nm,0.5s			pmax	14 54 00.0	-2.6	
TAOE	Nuku Hiva Isla	36.76	72	eP	15 03 32.6		
TAOE	comp=Z,851nm,1.3s			eLR	15 02 44.5		
TAOE	Nuku Hiva Isla	36.76	72	eP	15 03 32.6		
TAOE	comp=Z,2µm,25.3s,baz=247			eLR	15 03 29.9		
RKT	Rikitea	37.05	98	eLQ	15 04 16.5	-0.2	
RKT	comp=Z,618nm,35.5s			eLQ	14 54 16.4	-0.2	
RKT	Rikitea	37.05	98	eLQ	15 04 16.4	-0.2	
RKT	comp=Z,1µm,30.2s,baz=264			eLR	14 54 16.4	-0.2	
PMG	Port Moresby	38.41	285	P	14 54 18.8	-0.6	
PMG	comp=Z,18nm,0.8s,mb4.8,baz=97,slow=4.1,SNR=4.4			P	14 54 18.7	-0.7	
PMG	Port Moresby	38.41	285	eP	15 09 22.7		
PMG	comp=Z,92nm,1.0s			P	14 55 19.7	-0.6	
PMG	Port Moresby	38.41	285	eP	14 54 18.8	-0.6	
PMG	comp=Z,92nm,1.0s,mb5.5			P	14 54 18.7	-0.7	
STKA	Stevens Creek	38.74	248	eP	15 02 22.7		
STKA	comp=Z,7.3nm,1.2s,mb4.3			P	15 02 22.7		
STKA	Stevens Creek	38.74	248	P	15 09 22.7		
STKA	comp=Z,2.2nm,0.5s,mb4.1,baz=65,slow=8.2,SNR=6.0			LR	15 09 22.7		
STKA	Stevens Creek	38.74	248	P	14 55 19.7	-0.6	
ASAR	Alice Springs	46.23	259	P	14 55 19.7	-0.6	
ASAR	comp=Z,2.1nm,0.4s,mb4.4,baz=96,slow=6.8,SNR=26			S	15 02 00.0	-5.9	
ASAR	Alice Springs	46.23	259	S	15 02 00.0	-5.9	
ASAR	comp=Z,1.2nm,1.0s,baz=94,slow=14,SNR=3.3			LR	15 02 00.0	-5.9	
ASAR	Alice Springs	46.23	259	P	14 55 19.7	-0.6	
ASAR	comp=Z,1µm,18.2s,MS4.9,baz=98,slow=36			S	14 55 20.0	-1.2	
ASAR	Alice Springs	46.23	259	eP	14 55 20.0	-1.2	
ASAR	comp=Z,1µm,18.2s,MS4.9,baz=98,slow=36			P	14 55 22.4	-1.0	
ASAR	Alice Springs	46.23	259	eP	14 57 10.7		
ASAR	comp=Z,1µm,18.2s,MS4.9,baz=98,slow=36			P	15 05 06.1	-5.9	
ASAR	Alice Springs	46.23	259	P	15 02 00.0	-5.9	
ASAR	comp=Z,1µm,18.2s,MS4.9,baz=98,slow=36			P	14 55 20.0	-1.2	
ASAR	Alice Springs	46.23	259	eP	14 55 22.4	-1.0	
ASAR	comp=Z,1µm,18.2s,MS4.9,baz=98,slow=36			P	14 57 10.7		
ASAR	Alice Springs	46.23	259	eP	15 05 06.1	-5.9	
ASAR	comp=Z,1µm,18.2s,MS4.9,baz=98,slow=36			P	14 55 22.4	-1.0	
ASAR	Alice Springs	46.23	259	eP	14 57 10.7		
ASAR	comp=Z,1µm,18.2s,MS4.9,baz=98,slow=36			P	15 02 06.1	-5.3	
ASAR	Alice Springs	46.23	259	P	15 14 19.3		
ASAR	comp=Z,1µm,18.2s,MS4.9,baz=98,slow=36			P	14 55 22.4	-1.0	
ASAR	Alice Springs	46.23	259	P	14 57 10.7		
ASAR	comp=Z,1µm,18.2s,MS4.9,baz=98,slow=36			P	15 05 06.1	-5.9	
ASAR	Alice Springs	46.23	259	P	14 55 22.4	-1.0	
ASAR	comp=Z,1µm,18.2s,MS4.9,baz=98,slow=36			P	14 57 10.7		
ASAR	Alice Springs	46.23	259	P	15 05 06.1	-5.9	
ASAR	comp=Z,1µm,18.2s,MS4.9,baz=98,slow=36			P	14 55 22.4	-1.0	
ASAR	Alice Springs	46.23	259	P	14 57 10.7		
ASAR	comp=Z,1µm,18.2s,MS4.9,baz=98,slow=36			P	15 05 06.1	-5.9	
ASAR	Alice Springs	46.23	259	P	14 55 22.4	-1.0	
ASAR	comp=Z,1µm,18.2s,MS4.9,baz=98,slow=36			P	14 57 10.7		
ASAR	Alice Springs	46.23	259	P	15 05 06.1	-5.9	
ASAR	comp=Z,1µm,18.2s,MS4.9,baz=98,slow=36			P	14 55 22.4	-1.0	
ASAR	Alice Springs	46.23	259	P	14 57 10.7		
ASAR	comp=Z,1µm,18.2s,MS4.9,baz=98,slow=36			P	15 05 06.1	-5.9	
ASAR	Alice Springs	46.23	259	P	14 55 22.4	-1.0	
ASAR	comp=Z,1µm,18.2s,MS4.9,baz=98,slow=36			P	14 57 10.7		
ASAR	Alice Springs	46.23	259	P	15 05 06.1	-5.9	
ASAR	comp=Z,1µm,18.2s,MS4.9,baz=98,slow=36			P	14 55 22.4	-1.0	
ASAR	Alice Springs	46.23	259	P	14 57 10.7		
ASAR	comp=Z,1µm,18.2s,MS4.9,baz=98,slow=36			P	15 05 06.1	-5.9	
ASAR	Alice Springs	46.23	259	P	14 55 22.4	-1.0	
ASAR	comp=Z,1µm,18.2s,MS4.9,baz=98,slow=36			P	14 57 10.7		
ASAR	Alice Springs	46.23	259	P	15 05 06.1	-5.9	
ASAR	comp=Z,1µm,18.2s,MS4.9,baz=98,slow=36			P	14 55 22.4	-1.0	
ASAR	Alice Springs	46.23	259	P	14 57 10.7		
ASAR	comp=Z,1µm,18.2s,MS4.9,baz=98,slow=36			P	15 05 06.1	-5.9	
ASAR	Alice Springs	46.23	259	P	14 55 22.4	-1.0	
ASAR	comp=Z,1µm,18.2s,MS4.9,baz=98,slow=36			P	14 57 10.7		
ASAR	Alice Springs	46.23	259	P	15 05 06.1	-5.9	
ASAR	comp=Z,1µm,18.2s,MS4.9,baz=98,slow=36			P	14 55 22.4	-1.0	
ASAR	Alice Springs	46.23	259	P	14 57 10.7		
ASAR	comp=Z,1µm,18.2s,MS4.9,baz=98,slow=36			P	15 05 06.1	-5.9	
ASAR	Alice Springs	46.23	259	P	14 55 22.4	-1.0	
ASAR	comp=Z,1µm,18.2s,MS4.9,baz=98,slow=36			P	14 57 10.7		
ASAR	Alice Springs	46.23	259	P	15 05 06.1	-5.9	
ASAR	comp=Z,1µm,18.2s,MS4.9,baz=98,slow=36			P	14 55 22.4	-1.0	
ASAR	Alice Springs	46.23	259	P	14 57 10.7		
ASAR	comp=Z,1µm,18.2s,MS4.9,baz=98,slow=36			P	15 05 06.1	-5.9	
ASAR	Alice Springs	46.23	259	P	14 55 22.4	-1.0	
ASAR	comp=Z,1µm,18.2s,MS4.9,baz=98,slow=36			P	14 57 10.7		
ASAR	Alice Springs	46.23	259	P	15 05 06.1	-5.9	
ASAR	comp=Z,1µm,18.2s,MS4.9,baz=98,slow=36			P	14 55 22.4	-1.0	
ASAR	Alice Springs	46.23	259	P	14 57 10.7		
ASAR	comp=Z,1µm,18.2s,MS4.9,baz=98,slow=36			P	15 05 06.1	-5.9	
ASAR	Alice Springs	46.23	259	P	14 55 22.4	-1.0	
ASAR	comp=Z,1µm,18.2s,MS4.9,baz=98,slow=36			P	14 57 10.7		
ASAR	Alice Springs	46.23	259	P	15 05 06.1	-5.9	
ASAR	comp=Z						

SNA	Sanae	84.88	178	eP	P	14 59 29.5	-0.4
comp=Z,28nm,1.0s,mb5.3							
VNA3	Neumayer Olymp	84.93	175	ijP	P	14 59 29.7	-0.5
VNA3				e		14 59 31.1	
VNA3				e		14 59 32.8	
VNA3				e	pP	14 59 36.6	+0.1
VNA3				e		14 59 44.1	
VNA3				e		14 59 53.5	
ELK	Elko	84.94	41	eP	pmax	14 59 30.3	+0.1
ELK				e		14 59 30.3	+0.1
comp=Z,11nm,0.9s							
ELK	Elko	84.94	41	eP	P	14 59 30.3	+0.1
comp=Z,11nm,0.9s,mb5.0							
O12A	Currie	84.95	42	P	P	14 59 30.6	+0.3
baz=85,SNR=9.4							
O08A	Drewsey	84.95	37	↑P	P	14 59 30.0	-0.3
baz=85,SNR=7.1							
E05A	Randle	84.98	34	↓P	P	14 59 30.1	-0.3
baz=85,SNR=6.1							
M11A	Holland Ranch, baz=85	85.02	41	↓P	P	14 59 30.9	+0.3
J09A	Fry Pan Ranch, baz=85,SNR=19	85.06	38	P	P	14 59 30.8	0.0
N12A	Clover Valley, baz=85,SNR=10	85.12	41	P	P	14 59 31.3	+0.1
C04A	Brinnon	85.15	32	↑P	P	14 59 31.3	-0.1
G07A	Ruggs Ranch, H baz=85,SNR=7.7	85.22	36	↑P	P	14 59 31.5	-0.2
D05A	Enumclaw, baz=85,SNR=5.5	85.28	33	↑P	P	14 59 32.3	+0.3
H06A	Prairie City, baz=85,SNR=6.1	85.28	37	↑P	P	14 59 31.7	-0.3
E08A	Yakima	85.37	34	↓P	P	14 59 32.2	-0.2
PLCA	Paso Flores	85.44	133	P	P	14 59 33.0	+0.3
comp=Z,12nm,1.2s,mb4.9, baz=225,slow=6.6,SNR=6.0							
PLCA					LR	15 30 35.3	
F07A	Phinny Hill Vi, baz=86	85.49	35	↓P	P	14 59 32.8	-0.2
M12A	Wells	85.53	41	P	P	14 59 33.2	0.0
MSU	Marysval	85.55	45	eP	P	14 59 34.1	+0.8
VNA1	Neumayer-Stat	85.61	176	ijP	P	14 59 37.7	+0.1
VNA1				e		14 59 35.0	
VNA1				e		14 59 36.2	
VNA1				e	pP	14 59 41.3	+1.4
VNA1				e		14 59 48.9	
VNA1				e		14 59 58.5	
G08A	Pilot Rock, baz=86,SNR=23	85.62	36	P	P	14 59 33.3	-0.4
N13A	Wendover, West, baz=86	85.63	42	↓P	P	14 59 34.0	+0.3
C05A	Toit Reservoir, baz=86	85.78	182	eP	P	14 59 34.0	-0.4
MAIT	Matwey	85.78	182	eP	P	14 59 34.5	0.0
D06A	Cle Elum, baz=86	85.87	34	↓P	P	14 59 34.4	-0.4
H09A	Durkee	85.93	37	↑P	P	14 59 34.9	-0.3
B05A	Bryant	85.96	32	↓P	P	14 59 35.2	-0.1
E07A	Sunnyside, baz=86	85.96	35	↓P	P	14 59 35.1	-0.3
A04A	Legoe Bay, Lum, baz=86	85.97	32	↓P	P	14 59 35.3	-0.1
F08A	Pendleton, baz=86,SNR=5.7	86.04	36	↑P	P	14 59 35.4	-0.4
DUG	Dugway, baz=86	86.11	43	↑P	P	14 59 35.6	-0.5
WHN	Wuhan	86.18	306	eP	P	14 59 37.5	+1.1
CN2	Changchun	86.18	321	eP	P	14 59 36.2	-0.2
CN2				AMB	AMB		
KLR	Kuldiara, comp=Z,30nm,1.3s,mb5.4	86.38	328	eP	P	14 59 34.7	-2.7
B06A	Marblemount, baz=87	86.43	33	↑P	P	14 59 37.2	-0.4
F09A	S2 Ranch, Elgi, baz=87	86.46	36	↓P	P	14 59 37.4	-0.4
C07A	Waterville, baz=87,SNR=6.2	86.60	34	P	P	14 59 38.2	-0.2
MNTX	Cornudas Mount, comp=Z,24nm,1.2s,mb5.3	86.60	53	eP	P	14 59 38.5	0.0
TMUT	Trail Mountain, baz=87	86.61	44	eP	P	14 59 39.2	+0.7
Y22C	IRIS PASCAL I, baz=87	86.70	51	↑P	P	14 59 39.3	+0.4
D08A	Wollman Farm, baz=87	86.78	35	↑P	P	14 59 38.9	-0.4
E09A	Wood Farm, Sta, baz=87	86.84	36	↑P	P	14 59 39.2	-0.5
SRU	San Rafael, comp=Z,16nm,1.0s,mb5.2	86.85	45	eP	pmax	14 59 39.6	-0.6
SRU	San Rafael	86.85	45	eP	pmax	14 59 39.6	-0.6
SRU	San Rafael	86.85	45	eP	P	14 59 39.6	-0.6
comp=Z,16nm,1.0s,mb5.2							
F10A	Beach Ranch, E, baz=87	86.99	36	↑P	P	14 59 39.6	-0.8
LPM	Los Pinos Moun, baz=87	87.03	51	eP	P	14 59 41.4	+0.9
B07A	Winthrop, baz=87	87.07	33	↓P	P	14 59 40.3	-0.3
TIA	Tai'an, comp=Z,24nm,1.2s,mb5.3	87.10	312	eP	P	14 59 41.4	+0.5
D09A	Jones Farm, Ri, baz=87,SNR=7.4	87.10	35	↓P	P	14 59 40.1	-0.8
H18A	Hailey, comp=Z,13nm,1.0s,mb5.3	87.11	40	↓P	P	14 59 41.0	0.0
PSI	Prapat, comp=Z,2.8nm,0.9s,mb4.9, baz=188,slow=9.2,SNR=9.9	87.13	274	P	P	14 59 41.2	+0.1
PSI	Prapat	87.13	274	P	P	14 59 41.2	+0.1
C08A	Higginbotham F, baz=87	87.17	34	↓P	P	14 59 40.5	-0.8
DAU	Daniels Canyon, baz=87	87.21	43	eP	P	14 59 41.8	+0.3
MVCO	Mesa Verde, baz=87	87.26	47	↑P	P	14 59 41.7	0.0
MA2	Magadan, comp=Z,13nm,1.0s,mb5.3	87.37	344	eP	P	14 59 40.6	-1.7
ANMO	Albuquerque, comp=Z,13nm,1.0s,mb5.3	87.48	501	eP	P	14 59 41.9	-0.9
PV10	Paradox Valley, comp=Z,13nm,1.0s,mb5.3	87.52	46	eP	P	14 59 42.7	-0.3
C09A	Chrisman Ranch, baz=87	87.59	35	↓P	P	14 59 43.1	-0.2
B09A	Rice, comp=Z,13nm,1.0s,mb5.3	88.05	34	P	P	14 59 44.7	-0.8
A09A	Danville, baz=88,SNR=7.3	88.18	33	↓P	P	14 59 45.6	-0.5
A10A	Northport, baz=89	88.71	34	↑P	P	14 59 48.0	-0.6
MCMT	McKenzie Canyo, baz=89,SNR=6.3	88.77	39	eP	P	14 59 49.2	+0.3
C12A	Trout Creek, baz=89	89.00	36	P	P	14 59 49.8	-0.2
SKAG	Skagway, comp=Z,45nm,1.6s,mb5.5	89.04	19	eP	P	14 59 50.5	+0.4
B12A	Libby, comp=Z,45nm,1.6s,mb5.5	89.41	35	↑P	P	14 59 51.3	-0.6
C13A	Hot Springs, baz=90	89.48	36	↑P	P	14 59 51.1	-1.1
BW06	Boulder Array, comp=Z,5.1nm,1.0s,mb4.8	89.57	42	eP	P	14 59 51.7	-1.0
PDAR	Pinedale Array, comp=Z,3.4nm,0.9s,mb4.7, baz=206,slow=3.8,SNR=24	89.57	42	P	P	14 59 51.6	-1.1
QLMT	Earthquake Lak, comp=Z,3.4nm,0.9s,mb4.7	89.59	40	eP	P	14 59 53.3	+0.6
A12A	Yaak River Ran, baz=90	89.66	35	↓P	P	14 59 52.3	-0.7
BJI	Beijing, comp=Z,14nm,2.0s,mb5.0	89.74	314	P	P	14 59 54.2	+0.8
BJI				AMB	AMB		
comp=Z,14nm,2.0s,mb5.0							
BJI				LR	LR		
comp=N,202nm,15.8s,MS5.1							
BJI				LR	LR		
comp=E,486nm,15.8s,MS5.1							
BJI				LR	LR		
comp=Z,339nm,18.8s,MS4.8							
BJI	Beijing	89.74	314	P	P	14 59 54.2	+0.8
comp=Z,14nm,2.0s,mb5.0							
BJI				LR	LR		
comp=Z,340nm,18.8s,MS4.8							
CHMT	Chamberlain Mo	89.75	37	eP	P	14 59 52.7	-0.8
SEY	Seycham, comp=Z,14nm,2.0s,mb5.0	89.90	346	eP	P	14 59 52.8	-1.4
GYA	Guiyang, comp=Z,20nm,1.0s,mb5.4	90.23	299	ijP	P	14 59 57.4	+1.7
GYA				AP	pP	15 00 01.8	-0.3
GYA				XP	pP	15 00 04.9	+0.6
GYA				PP	PP	15 03 54.8	+5.3
GYA				SS	SS	15 10 26.5	
GYA				SKS	SKS	15 10 50.2	+1.4
GYA				S	S	15 11 59.8	+2.5
GYA				AMB	AMB		
comp=Z,20nm,1.0s,mb5.4							
GYA				AMB	AMB		

GYA				LR	LR		
comp=Z,120nm,6.7s							
GYA				LR	LR		
comp=N,860nm,20.8s,MS5.3							
GYA				LR	LR		
comp=E,730nm,21.4s,MS5.3							
GYA				LR	LR		
comp=Z,760nm,22.4s,MS5.1							
COLA	College	90.70	11	iP	P	14 59 55.1	-2.8
GCMT	Greycliff	91.16	40	eP	P	15 00 00.2	+0.2
DAWY	Dawson	91.76	15	e	P	15 00 02.0	+0.2
DAWY				e		15 00 17.2	
XAN	Xi'an	91.88	306	P	P	15 00 04.0	+0.6
XAN				AMB	AMB		
comp=Z,18nm,1.3s,mb5.2							
XAN				LR	LR		
comp=N,650nm,19.3s,MS5.3							
XAN				LR	LR		
comp=E,851nm,20.5s,MS5.3							
XAN				LR	LR		
comp=Z,21nm,21.3s,MS5.5							
BILL	Bilibino	92.33	353	iP	P	15 00 04.2	-1.3
KMI	Kumming	92.86	296	iP	P	15 00 10.3	+2.4
KMI				AP	pP	15 00 13.5	-0.8
KMI				XP	PP	15 00 14.6	-1.9
KMI				PP	PP	15 03 57.0	+6.8
KMI				SKS	S	15 10 41.5	
KMI				S	S	15 11 09.3	-3.2
KMI				AMB	AMB		
comp=Z,14nm,1.4s,mb5.2							
KMI				LR	LR		
comp=N,323nm,14.5s,MS5.0							
KMI				LR	LR		
comp=E,320nm,17.1s,MS5.0							
KMI				LR	LR		
comp=Z,370nm,16.2s,MS4.9							
KMI	Kumming	92.86	296	P	P	15 00 10.3	+2.4
KMI						15 03 57.0	+6.8
KMI						15 10 41.5	
KMI						15 11 09.3	-3.2
KMI						15 17 29.0	+3.1
comp=Z,14nm,1.4s,mb5.2							
KMI				MLR	MLR		
comp=Z,370nm,16.2s,MS4.9							
KMI	Kumming	92.86	296	P	P	15 00 10.3	+2.4
KMI				pP	pP	15 00 13.5	-0.8
KMI				sP	sP	15 00 14.6	-1.9
KMI				PP	PP	15 03 57.0	+6.8
KMI				SKS	S	15 10 41.5	
KMI				S	S	15 11 09.3	-3.2
KMI				SS	SS	15 17 29.0	+3.1
comp=Z,21nm,1.5s,mb5.1							
WMOK	Wichita Mounta	92.91	53	eP	P	15 00 06.9	-1.2
WMOK				pmax	pmax		
comp=Z,12nm,1.5s,mb5.1							
WMOK	Wichita Mounta	92.91	53	eP	P	15 00 06.9	-1.2
HHC	Hu-ho-hao-te	93.19	313	eP	P	15 00 10.3	+0.8
HHC				AP	pP	15 00 14.4	+1.4
HHC				XP	sP	15 00 17.5	-0.6
HHC				AMB	AMB		
comp=Z,21nm,1.5s,mb5.1							
CHTO	Chiang Mai	93.52	289	eP	P	15 00 13.0	+2.1
CHTO				e	pmax	15 00 26.1	
comp=Z,37nm,1.2s,mb5.7							
CHTO	Chiang Mai	93.52	289	eP	P	15 00 12.9	+2.0
CHTO				e		15 00 26.1	
comp=Z,37nm,1.2s,mb5.7							
CHTO	Chiang Mai	93.52	289	eP	P	15 00 12.9	+2.0
CHTO				e		15 00 26.1	
comp=Z,10nm,0.9s,mb							

Table with columns: HDN, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Heimgangroev, Trest, Manzenberg, etc.

IDC 08 14:50:11.0.0.9, 2340S:17552W, h0km, mb4.3/9, mb1.4.5/10, mb1mx4.4/17, mbmp4.4/10, ML.4/91, Error ellipse: s-maj=40.2km s-min=19.4km az=147.0

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Raoul Island, Afiamalu, Stephens Creek, etc.

Table with columns: BVAR, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Borovoye Array, Malin Array Be, etc.

IPEC 08 14:51:16.9.0.3, 5149N:1633E, h0km, ML2.9/4, Error ellipse: s-maj=1.9km s-min=1.5km az=39.0

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Ksiaz, Ksiaz, Ksiaz, etc.

ISC 08 14:50:16.7.0.5, 2354S:007.1755W, h1km, mb4.5/16, r085/33, mb4.5/16, Tonga Islands region

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Gorka Klasztor, Ylyunghan, etc.

Table with columns: WET, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Wetzell, Wetzell, Bratislava, etc.

MOS 08 15:11:16.9.1.5, 5498N:11175E, h17km, mb4.4/1, Error ellipse: s-maj=34.2km s-min=15.8km az=52.4

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Davos/Dischmat, Champ du Feu, etc.

MOS 08 15:11:16.4.0.2, 5502N:11166E, h10km, mb5km, 2C-2D, Lake Baykal region

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Ulyunghan, Kumora, etc.

SHOC	baz=82	Shoshone	81.39	45	UP	P	19 07 12.0	-1.2
K02A	baz=82	Glendale	81.54	36	UP	P	19 07 12.3	-1.7
SSE	baz=82	Sheshan	81.55	309	eP	P	19 07 12.6	-1.5
SSE					AP	pP	19 07 22.2	+4.2
SSE					XP	S	19 07 25.0	+5.6
SSE					S	S	19 17 23.5	-2.3
SSE					XS	S	19 17 38.1	+5.9
SSE	comp=Z,28nm,0.7s,mb5.3				AMB	AMB		
SSE	comp=Z,173nm,5.4s				LR	LR		
SSE	comp=N,86nm,37.9s,MS4.2				LR	LR		
SSE	comp=E,162nm,37.9s,MS4.2				LR	LR		
SSE	comp=Z,239nm,36.7s,MS4.3				LR	LR		
SSE	comp=Z,28nm,0.7s,mb5.3				eP	P	19 07 12.6	-1.5
SSE					PcP	PcP	19 07 18.0	-2.0
SSE					pP	pP	19 07 22.2	+4.2
SSE					S	S	19 07 25.0	+5.6
SSE					S	S	19 17 23.5	-2.3
SSE					S	S	19 17 38.1	+5.9
ELFS	comp=Z,240nm,36.7s,MS4.3	Eagle Lake Fire	81.64	39	UP	P	19 07 13.4	-1.2
INCN	baz=82	Inchon	81.65	317	eP	P	19 07 15.2	+0.6
NVAR	comp=Z,64nm,1.4s,mb5.4	Mina Array Bea	81.67	42	P	P	19 07 14.9	+0.2
Q07A	comp=Z,5.1nm,0.8s,mb4.5,baz=228,slow=9.2,SNR=27	Schurz	81.69	41	UP	P	19 07 15.2	+0.4
R08A	baz=82	Mina	81.75	42	UP	P	19 07 15.7	+0.6
M04C	baz=82	Macdoel	81.78	37	UP	P	19 07 15.7	+0.4
Y13A	baz=82	Salome	81.78	48	UP	P	19 07 15.8	+0.6
PAHR	baz=82	Pah Rah Range	81.83	40	UP	P	19 07 14.8	-0.8
O06A	comp=Z,23nm,1.4s,mb4.9	Flanigan	81.87	40	UP	P	19 07 15.4	-0.3
M05C	baz=82	Lookout	81.89	38	UP	P	19 07 15.4	-0.5
J02A	baz=82	Umpqua	81.90	35	UP	P	19 07 15.4	-0.5
S09A	baz=82	Goldfield	81.90	43	UP	P	19 07 15.8	-0.1
V11A	baz=82	Goodsprings	81.90	45	UP	P	19 07 15.6	-0.3
L04A	baz=82	Klamath Falls	82.01	37	UP	P	19 07 16.9	+0.4
M06C	baz=82	Likely Place G	82.17	39	UP	P	19 07 17.2	-0.1
Q08A	baz=82	Gabbs	82.17	42	UP	P	19 07 17.0	-0.3
X13A	baz=82	Yuca	82.23	47	UP	P	19 07 17.8	+0.2
N06A	baz=82	Buffalo Meadow	82.24	39	UP	P	19 07 17.7	0.0
R09A	baz=82,SNR=7.0	Tonopah	82.31	43	UP	P	19 07 18.5	+0.4
Y14A	baz=82	Wickenburg	82.41	48	UP	P	19 07 19.1	+0.5
O07A	baz=82	Toulon	82.42	40	P	P	19 07 19.1	+0.4
W13A	baz=83,SNR=8.4	Hualapai Mount	82.49	47	UP	P	19 07 19.2	+0.2
L05A	baz=83	Lakeview	82.52	38	UP	P	19 07 19.9	+0.7
116A	baz=83	Eloy	82.53	50	UP	P	19 07 19.9	+0.7
Q09A	baz=83	Carvers	82.61	42	UP	P	19 07 20.4	+0.7
MOD	baz=83	Modoc	82.72	38	UP	P	19 07 20.2	0.0
X14A	baz=83	Yava	82.79	48	UP	P	19 07 21.4	+0.9
R10A	baz=83	Warm Springs	82.82	43	P	P	19 07 21.4	+0.6
U12A	baz=83,SNR=13	Valley of Fire	82.84	45	UP	P	19 07 21.3	+0.5
K05A	baz=83	Summer Lake	82.93	37	UP	P	19 07 21.8	+0.5
H03A	baz=83	Soap Creek Ran	82.95	35	UP	P	19 07 22.1	+0.7
M07A	baz=83	Soldier Meadow	83.03	39	UP	P	19 07 21.7	-0.2
TUC	baz=83	Tucson	83.04	50	eP	P	19 07 21.5	-0.4
P09A	comp=Z,13nm,1.2s,mb4.8	Austin	83.08	41	UP	P	19 07 21.7	-0.3
W14A	baz=83	Seligman	83.09	47	UP	P	19 07 22.8	+0.7
J05A	baz=83	Fort Rock	83.11	37	UP	P	19 07 22.2	0.0
X15A	baz=83	Humboldt	83.25	48	UP	P	19 07 23.4	+0.5
N08A	baz=83	GE Springer Mi	83.25	40	P	P	19 07 23.1	+0.1
K06A	baz=83,SNR=9.8	Valley Falls	83.33	37	P	P	19 07 23.5	+0.1
L07A	baz=84,SNR=9.3	Adell	83.34	38	P	P	19 07 23.8	+0.3
PLCA	baz=84,SNR=9.2	Guangzhou	83.36	299	P	S	19 07 23.6	+0.1
GZH					S	S	19 17 44.4	+0.1
GZH	comp=N,267nm,13.7s				LR	LR		
GZH	comp=E,352nm,24.6s				LR	LR		
G03A	comp=Z,438nm,21.1s	Yamhill	83.39	34	UP	P	19 07 23.7	0.0
O09A	baz=84	Fish Creek Ran	83.44	41	UP	P	19 07 23.7	-0.2
M08A	baz=84	Happy Creek Ra	83.53	39	UP	P	19 07 24.0	-0.4
H04A	baz=84	Detroit Lake	83.53	35	UP	P	19 07 23.9	-0.5
P10A	baz=84	Eureka	83.54	42	UP	P	19 07 24.9	+0.5
Q11A	baz=84	Duckwater	83.56	43	UP	P	19 07 24.7	+0.2
W15A	baz=84	Williams	83.62	47	UP	P	19 07 25.9	+1.0
N09A	baz=84	Rock Creek Ran	83.66	40	UP	P	19 07 25.4	+0.3
J06A	baz=84	Christmas Vall	83.68	37	UP	P	19 07 25.0	-0.2
G04A	baz=84	Mulino	83.73	35	UP	P	19 07 26.3	+0.9
NJ2	baz=84	Nanjing	83.74	309	eP	P	19 07 24.3	-1.1
NJ2					AP	pP	19 07 34.3	+4.9
NJ2					XP	SP	19 07 38.4	+7.6
NJ2					PP	SP	19 10 37.9	-0.5
NJ2					SKS	S	19 17 41.0	-5.1
NJ2					S	S		
NJ2	comp=Z,30nm,1.0s,mb5.4				AMB	AMB		
NJ2	comp=Z,250nm,11.0s				LR	LR		
NJ2	comp=N,240nm,16.7s,MS4.8				LR	LR		
NJ2	comp=E,250nm,19.3s,MS4.8				LR	LR		
NJ2	comp=Z,5um,15.9s				LR	LR		
K07A	comp=Z,5um,15.9s	Rock Creek Ran	83.83	38	P	P	19 07 26.1	+0.1
O10A	baz=84,SNR=10	Cortez Mining	83.92	41	UP	P	19 07 26.7	+0.3
P11A	baz=84	Circle Ranch	83.93	42	UP	P	19 07 26.4	0.0
WV0R	baz=84	Wild Horse Val	84.01	38	eP	P	19 07 26.5	-0.4
H05A	comp=Z,25nm,1.2s,mb5.2	Madras	84.02	36	UP	P	19 07 26.9	0.0
L08A	baz=84	Fields	84.02	39	P	P	19 07 27.0	+0.1
M09A	baz=84,SNR=13	Marrel Ranch	84.06	40	UP	P	19 07 26.9	-0.2

E03A	Lebam	84.09	33	UP	P	19 07 27.1	-0.2	
I06A	Primeville	84.10	37	P	P	19 07 27.6	+0.3	
N10A	baz=84,SNR=10.0	Dunphy	84.18	41	UP	P	19 07 28.2	+0.5
SYO	Syowa Base	84.20	192f	eP	P	19 07 25.0	-2.8	
SYO	Syowa Base	84.20	192f	UP	P	19 07 25.0	-2.2	
J07A	Hines	84.23	37	UP	P	19 07 27.8	-0.2	
CCUT	Cedar City	84.25	45	eP	P	19 07 27.3	-0.8	
CCUT				eP	P	19 07 43.9		
F04A	Amboy	84.25	34	UP	P	19 07 27.7	-0.4	
K08A	baz=84	Blann Creek Ra	84.28	38	P	P	19 07 28.3	+0.1
O11A	baz=84,SNR=14	Cowboy Ranch	84.34	42	UP	P	19 07 28.1	-0.4
ARUT	Antelope Range	84.34	45	eP	P	19 07 28.9	+0.3	
ARUT				e	P	19 07 43.8		
QIZ	Qiangzhong	84.34	293	P	P	19 07 27.8	+0.3	
QIZ				AP	pP	19 07 34.1	+1.7	
QIZ				XP	sP	19 07 35.9	+2.1	
QIZ				PP	SP	19 10 48.8	+5.5	
QIZ				S	S	19 17 53.6	-0.6	
QIZ	comp=Z,12nm,1.9s,mb4.7			AMB	AMB			
QIZ	comp=E,202nm,18.9s			LR	LR			
G05A	comp=Z,218nm,19.6s,MS4.5	Wamic	84.36	35	UP	P	19 07 29.0	+0.3
P12A	baz=84	LinCott Farm	84.41	43	UP	P	19 07 29.2	+0.3
WUAZ	Wupatki	84.41	47	UP	P	19 07 30.3	+1.4	
WUAZ	comp=Z,38nm,1.4s,mb5.3							
WUAZ	Wupatki	84.41	47	UP	P	19 07 44.3		
WUAZ	baz=85					19 07 29.5	+0.6	
MDJ	Mudanjiang	84.47	324	P	P	19 07 30.4	+1.2	
MDJ				AP	pP	19 07 31.1	-2.0	
MDJ				PP	SP	19 10 44.5	+0.2	
MDJ				S	S	19 17 57.9	+2.4	
MDJ				SS	SS	19 23 28.8	+3.0	
MDJ	comp=Z,39nm,1.2s,mb5.4			AMB	AMB			
MDJ	comp=Z,252nm,5.5s			LR	LR			
MDJ	comp=N,101nm,21.6s,MS4.5			LR	LR			
MDJ	comp=E,178nm,21.1s,MS4.5			LR	LR			
MDJ	comp=Z,151nm,21.6s,MS4.3			LR	LR			
MDJ	Mudanjiang	84.47	324	eP	P	19 07 30.2	+1.0	
H06A	comp=Z,55nm,1.0s,mb5.6	baz=85,SNR=11	84.55	36	UP	P	19 07 28.7	-0.9
I07A	Izee	84.58	37	P	P	19 07 29.9	+0.1	
M10A	baz=85,SNR=9.8	LL Ranch, Tu	84.66	40	UP	P	19 07 30.3	+0.1
J08A	Circle Bar Ran	84.69	38	UP	P	19 07 30.1	-0.2	
K09A	Rome	84.70	39	P	P	19 07 30.3	0.0	
N11A	Elko Archery C	84.71	41	UP	P	19 07 30.7	+0.3	
G06A	Carlson Farm	84.72	35	UP	P	19 07 30.4	-0.1	
SNA4	Sanae	84.81	178	eP	P	19 07 31.0	+0.1	
SNA4				e	pP	19 07 32.8	-2.0	
SNA4				e	pP	19 07 34.9	+0.1	
SNA4				e	pP	19 07 44.5		
SNA4	Sanae	84.81	178	eP	P	19 07 30.3	-0.6	
SNA4	comp=Z,68nm,1.0s,mb5.7							
SNA4						19 07 46.4		
VNA3	Neumayer Olymp	84.85	175	eP	P	19 07 31.1	0.0	
VNA3				e	pP	19 07 35.4	+0.4	
VNA3				e	pP	19 07 46.1		
H07A	Lands Inn, Kim	84.88	36	P	P	19 07 31.0	-0.2	
ELK	Elko	84.96	41	P	P	19 07 30.8	-0.9	
O12A	Currie	84.98	42	UP	P	19 07 31.5	-0.2	
I08A	Drewsey	84.99	37	UP	P	19 07 31.4	-0.4	
F06A	Goldendale	85.00	35	P	P	19 07 31.8	-0.1	
E05A	Randle	85.02	34	UP	P	19 07 31.5	-0.4	
M11A	Holland Ranch	85.05	41	UP	P	19 07 32.0	-0.1	
J09A	Fry Pan Ranch	85.09	38	UP	P	19 07 31.5	-0.8	
N12A	Clover Valley	85.15	41	UP	P	19 07 32.4	-0.2	
G07A	Ruggs Ranch, H	85.26	36	UP	P	19 07 32.2	-1.0	
H08A	Prairie City	85.32	37	UP	P	19 07 32.5	-1.0	
D05A	Enumclaw	85.32	33	UP	P	19 07 33.7	+0.3	
PLCA	Paso Flores	85.37	133	P	P	19 07 34.8	+1.1	
PLCA	comp=Z,26nm,1.1s,mb5.3,baz=228,slow=6.5,SNR=13			LR	LR			
PLCA	comp=Z,550nm,20.2s,MS4.9,baz=198,slow=30			LR	LR	19 36 59.3		
PLCA	Paso Flores	85.37	133	P	P	19 07 34.8	+1.1	
PLCA	comp=Z,27nm,1.1s			MLR	MLR			
PLCA	comp=Z,551nm,20.2s			MLR	MLR			
F07A	Phinny Hill Vi	85.53	35	UP	P	19 07 34.6	+0.1	
VNA1	Neumayer-Stat	85.54	176	eP	P	19 07 35.4	+0.9	
VNA1				e	pP	19 07 36.8		
VNA1				e	pP	19 07 38.4	0.0	
VNA1				e	pP	19 07 40.0	+1.6	
VNA1				e	pP	19 07 50.1		

KMI		SKS		19 18 44.0
KMI		S	S	19 19 14.8 -0.4
KMI		AMB	AMB	
KMI	comp=Z,19nm,0.9s,mb5.5	AMB	AMB	
KMI	comp=Z,83nm,3.1s	LR	LR	
KMI	comp=N,162nm,11.9s,MS4.8	LR	LR	
KMI	comp=E,193nm,15.4s,MS4.8	LR	LR	
KMI	comp=Z,342nm,14.7s,MS4.9	LR	LR	
KMI	Kunning 92.92 296	P	P	19 08 11.9 +2.4
KMI	comp=Z,19nm,0.9s,mb5.5	pP	pP	19 08 14.7 +1.3
KMI		sP	sP	19 08 16.0 +1.2
KMI		PP	PP	19 11 55.9 +3.9
KMI		SKS	S	19 18 44.0
KMI		S	S	19 19 14.8 -0.4
KMI		sS	sS	19 19 19.2 +2.5
KMI		PS	PS	19 20 30.2 +4.2
KMI		SS	SS	19 25 31.0 +2.2
KMI		SSS	SSS	19 29 09.0
KMI		LR	LR	
KMI	comp=Z,340nm,14.7s,MS4.9	LR	LR	
WMOK	Wichita Mounta 92.92 53	eP	P	19 08 09.3 -0.2
WMOK	comp=Z,6.0nm,1.1s,mb4.9	eP	P	19 08 24.1
WMOK		eP	P	19 08 24.1
HHC	Hu-ho-hao-te 93.27 313	eP	P	19 08 11.9 +0.8
HHC		AP	PP	19 08 16.4 +1.4
HHC		XP	PP	19 08 19.7 +3.3
HHC		PP	PP	19 11 58.2 +3.5
HHC		SKS	S	19 18 44.0
HHC		S	S	19 19 15.2 -3.1
HHC		SS	SS	19 25 37.6 +3.8
HHC		AMB	AMB	
HHC	comp=Z,16nm,0.8s,mb5.5	AMB	AMB	
HHC	comp=Z,245nm,5.7s	LR	LR	
HHC	comp=N,234nm,9.4s	LR	LR	
HHC	comp=E,377nm,16.3s	LR	LR	
HHC	comp=Z,444nm,22.8s	LR	LR	
CHG	Chiang Mai 93.57 289	IP	P	19 08 15.0 +2.5
CHG	comp=Z,34nm,0.9s,mb5.8	IP	P	19 08 15.0 +2.5
CHG	Chiang Mai 93.57 289	eP	P	19 08 13.7 +1.1
CHG	comp=Z,34nm,0.9s,mb5.8	eP	P	19 08 13.7 +1.1
ATAH	Atahualpa 93.58 99	P	P	19 08 15.7 +3.1
ATAH	comp=Z,9.6nm,1.1s,mb5.1,baz=260,slow=6.4,SNR=8.2	P	P	19 08 15.7 +3.1
LAO	LASA Array 93.70 40	eP	P	19 08 13.0 -0.1
LAO	comp=Z,19nm,1.0s,mb5.5	eP	P	19 08 13.0 -0.1
LAO		eP	P	19 08 28.2
RSSD	Black Hills 93.74 43	eP	P	19 08 11.8 -1.5
RSSD	comp=Z,14nm,1.0s,mb5.4	eP	P	19 08 11.8 -1.5
CD2	Chengdu 94.51 302	eP	P	19 08 16.6 -0.2
CD2		AP	PP	19 08 21.1 +0.4
CD2		XP	PP	19 08 24.0 +1.9
CD2		PP	PP	19 12 06.6 +2.2
CD2		SKS	S	19 18 49.7
CD2		S	S	19 19 25.9 -3.2
CD2		AMB	AMB	
CD2	comp=Z,10.0nm,1.0s,mb5.2	AMB	AMB	
CD2	comp=Z,40nm,6.8s	LR	LR	
CD2	comp=N,170nm,21.6s,MS4.7	LR	LR	
CD2	comp=E,230nm,19.2s,MS4.7	LR	LR	
CD2	comp=Z,180nm,21.6s,MS4.5	LR	LR	
LVC	Limon Verde 95.04 117	P	P	19 08 21.1 +1.9
LVC	comp=Z,6.8nm,1.1s,mb5.1,baz=180,slow=2.0,SNR=6.4	P	P	19 08 21.1 +1.9
LVC	Limon Verde 95.04 117	eP	P	19 08 20.7 +1.5
LVC	comp=Z,39nm,1.6s,mb5.6	eP	P	19 08 20.7 +1.5
YAK	Yakutsk 95.92 337	eP	P	19 08 21.1 -2.2
LZH	Lanzhou 96.59 306	eP	P	19 08 27.7 +1.4
LZH		AP	PP	19 08 30.8 +0.6
LZH		XP	PP	19 08 32.5 +0.9
LZH		PP	PP	19 12 24.8 +4.3
LZH		eSKS	S	19 19 03.5
LZH		SS	SS	19 19 44.0 -3.2
LZH		SSS	SSS	19 26 23.2 +2.2
LZH		AMB	AMB	
LZH	comp=Z,23nm,1.0s,mb5.6	AMB	AMB	
LZH	comp=Z,106nm,4.3s	LR	LR	
LZH	comp=N,742nm,17.3s	LR	LR	
LZH	comp=Z,890nm,18.4s,MS5.3	LR	LR	
LZH	Lanzhou 96.59 306	eP	P	19 08 27.7 +1.4
LZH	comp=Z,23nm,1.0s,mb5.6	eP	P	19 08 27.7 +1.4
LZH		pP	pP	19 08 30.8 +0.6
LZH		sP	sP	19 08 32.5 +0.9
LZH		PP	PP	19 12 24.8 +4.3
LZH		eSKS	S	19 19 03.5
LZH		sS	sS	19 19 44.0 -3.2
LZH		SS	SS	19 26 23.2 +2.2
LZH		SSS	SSS	19 26 23.2 +2.2
LZH		AMB	AMB	
LZH	comp=Z,23nm,1.0s,mb5.6	AMB	AMB	
LZH	comp=Z,106nm,4.3s	LR	LR	
LZH	comp=N,742nm,17.3s	LR	LR	
LZH	comp=Z,890nm,18.4s,MS5.3	LR	LR	
LZH	Lanzhou 96.59 306	eP	P	19 08 27.7 +1.4
LZH	comp=Z,23nm,1.0s,mb5.6	eP	P	19 08 27.7 +1.4
LZH		pP	pP	19 08 30.8 +0.6
LZH		sP	sP	19 08 32.5 +0.9
LZH		PP	PP	19 12 24.8 +4.3
LZH		eSKS	S	19 19 03.5
LZH		sS	sS	19 19 44.0 -3.2
LZH		SS	SS	19 26 23.2 +2.2
LZH		SSS	SSS	19 26 23.2 +2.2
LZH		AMB	AMB	
LZH	comp=Z,23nm,1.0s,mb5.6	AMB	AMB	
LZH	comp=Z,106nm,4.3s	LR	LR	
LZH	comp=N,742nm,17.3s	LR	LR	
LZH	comp=Z,890nm,18.4s,MS5.3	LR	LR	
LZH	Lanzhou 96.59 306	eP	P	19 08 27.7 +1.4
LZH	comp=Z,23nm,1.0s,mb5.6	eP	P	19 08 27.7 +1.4
LZH		pP	pP	19 08 30.8 +0.6
LZH		sP	sP	19 08 32.5 +0.9
LZH		PP	PP	19 12 24.8 +4.3
LZH		eSKS	S	19 19 03.5
LZH		sS	sS	19 19 44.0 -3.2
LZH		SS	SS	19 26 23.2 +2.2
LZH		SSS	SSS	19 26 23.2 +2.2
LZH		AMB	AMB	
LZH	comp=Z,23nm,1.0s,mb5.6	AMB	AMB	
LZH	comp=Z,106nm,4.3s	LR	LR	
LZH	comp=N,742nm,17.3s	LR	LR	
LZH	comp=Z,890nm,18.4s,MS5.3	LR	LR	
LZH	Lanzhou 96.59 306	eP	P	19 08 27.7 +1.4
LZH	comp=Z,23nm,1.0s,mb5.6	eP	P	19 08 27.7 +1.4
LZH		pP	pP	19 08 30.8 +0.6
LZH		sP	sP	19 08 32.5 +0.9
LZH		PP	PP	19 12 24.8 +4.3
LZH		eSKS	S	19 19 03.5
LZH		sS	sS	19 19 44.0 -3.2
LZH		SS	SS	19 26 23.2 +2.2
LZH		SSS	SSS	19 26 23.2 +2.2
LZH		AMB	AMB	
LZH	comp=Z,23nm,1.0s,mb5.6	AMB	AMB	
LZH	comp=Z,106nm,4.3s	LR	LR	
LZH	comp=N,742nm,17.3s	LR	LR	
LZH	comp=Z,890nm,18.4s,MS5.3	LR	LR	
LZH	Lanzhou 96.59 306	eP	P	19 08 27.7 +1.4
LZH	comp=Z,23nm,1.0s,mb5.6	eP	P	19 08 27.7 +1.4
LZH		pP	pP	19 08 30.8 +0.6
LZH		sP	sP	19 08 32.5 +0.9
LZH		PP	PP	19 12 24.8 +4.3
LZH		eSKS	S	19 19 03.5
LZH		sS	sS	19 19 44.0 -3.2
LZH		SS	SS	19 26 23.2 +2.2
LZH		SSS	SSS	19 26 23.2 +2.2
LZH		AMB	AMB	
LZH	comp=Z,23nm,1.0s,mb5.6	AMB	AMB	
LZH	comp=Z,106nm,4.3s	LR	LR	
LZH	comp=N,742nm,17.3s	LR	LR	
LZH	comp=Z,890nm,18.4s,MS5.3	LR	LR	
LZH	Lanzhou 96.59 306	eP	P	19 08 27.7 +1.4
LZH	comp=Z,23nm,1.0s,mb5.6	eP	P	19 08 27.7 +1.4
LZH		pP	pP	19 08 30.8 +0.6
LZH		sP	sP	19 08 32.5 +0.9
LZH		PP	PP	19 12 24.8 +4.3
LZH		eSKS	S	19 19 03.5
LZH		sS	sS	19 19 44.0 -3.2
LZH		SS	SS	19 26 23.2 +2.2
LZH		SSS	SSS	19 26 23.2 +2.2
LZH		AMB	AMB	
LZH	comp=Z,23nm,1.0s,mb5.6	AMB	AMB	
LZH	comp=Z,106nm,4.3s	LR	LR	
LZH	comp=N,742nm,17.3s	LR	LR	
LZH	comp=Z,890nm,18.4s,MS5.3	LR	LR	
LZH	Lanzhou 96.59 306	eP	P	19 08 27.7 +1.4
LZH	comp=Z,23nm,1.0s,mb5.6	eP	P	19 08 27.7 +1.4
LZH		pP	pP	19 08 30.8 +0.6
LZH		sP	sP	19 08 32.5 +0.9
LZH		PP	PP	19 12 24.8 +4.3
LZH		eSKS	S	19 19 03.5
LZH		sS	sS	19 19 44.0 -3.2
LZH		SS	SS	19 26 23.2 +2.2
LZH		SSS	SSS	19 26 23.2 +2.2
LZH		AMB	AMB	
LZH	comp=Z,23nm,1.0s,mb5.6	AMB	AMB	
LZH	comp=Z,106nm,4.3s	LR	LR	
LZH	comp=N,742nm,17.3s	LR	LR	
LZH	comp=Z,890nm,18.4s,MS5.3	LR	LR	
LZH	Lanzhou 96.59 306	eP	P	19 08 27.7 +1.4
LZH	comp=Z,23nm,1.0s,mb5.6	eP	P	19 08 27.7 +1.4
LZH		pP	pP	19 08 30.8 +0.6
LZH		sP	sP	19 08 32.5 +0.9
LZH		PP	PP	19 12 24.8 +4.3
LZH		eSKS	S	19 19 03.5
LZH		sS	sS	19 19 44.0 -3.2
LZH		SS	SS	19 26 23.2 +2.2
LZH		SSS	SSS	19 26 23.2 +2.2
LZH		AMB	AMB	
LZH	comp=Z,23nm,1.0s,mb5.6	AMB	AMB	
LZH	comp=Z,106nm,4.3s	LR	LR	
LZH	comp=N,742nm,17.3s	LR	LR	
LZH	comp=Z,890nm,18.4s,MS5.3	LR	LR	
LZH	Lanzhou 96.59 306	eP	P	19 08 27.7 +1.4
LZH	comp=Z,23nm,1.0s,mb5.6	eP	P	19 08 27.7 +1.4
LZH		pP	pP	19 08 30.8 +0.6
LZH		sP	sP	19 08 32.5 +0.9
LZH		PP	PP	19 12 24.8 +4.3
LZH		eSKS	S	19 19 03.5
LZH		sS	sS	19 19 44.0 -3.2
LZH		SS	SS	19 26 23.2 +2.2
LZH		SSS	SSS	19 26 23.2 +2.2
LZH		AMB	AMB	
LZH	comp=Z,23nm,1.0s,mb5.6	AMB	AMB	
LZH	comp=Z,106nm,4.3s	LR	LR	
LZH	comp=N,742nm,17.3s	LR	LR	
LZH	comp=Z,890nm,18.4s,MS5.3	LR	LR	
LZH	Lanzhou 96.59 306	eP	P	19 08 27.7 +1.4
LZH	comp=Z,23nm,1.0s,mb5.6	eP	P	19 08 27.7 +1.4
LZH		pP	pP	19 08 30.8 +0.6
LZH		sP	sP	19 08 32.5 +0.9
LZH		PP	PP	19 12 24.8 +4.3
LZH		eSKS	S	19 19 03.5
LZH		sS	sS	19 19 44.0 -3.2
LZH		SS	SS	19 26 23.2 +2.2
LZH		SSS	SSS	19 26 23.2 +2.2
LZH		AMB	AMB	
LZH	comp=Z,23nm,1.0s,mb5.6	AMB	AMB	
LZH	comp=Z,106nm,4.3s	LR	LR	
LZH	comp=N,742nm,17.3s	LR	LR	
LZH	comp=Z,890nm,18.4s,MS5.3	LR	LR	
LZH	Lanzhou 96.59 306	eP	P	19 08 27.7 +1.4
LZH	comp=Z,23nm,1.0s,mb5.6	eP	P	19 08 27.7 +1.4
LZH		pP	pP	19 08 30.8 +0.6
LZH		sP	sP	19 08 32.5 +0.9
LZH		PP	PP	19 12 24.8 +4.3
LZH		eSKS	S	19 19 03.5
LZH		sS	sS	19 19 44.0 -3.2
LZH		SS	SS	19 26 23.2 +2.2
LZH		SSS	SSS	19 26 23.2 +2.2
LZH		AMB	AMB	
LZH	comp=Z,23nm,1.0s,mb5.6	AMB	AMB	
LZH	comp=Z,106nm,4.3s	LR	LR	
LZH	comp=N,742nm,17.3s	LR	LR	
LZH	comp=Z,890nm,18.4s,MS5.3	LR	LR	
LZH	Lanzhou 96.59 306	eP	P	19 08 27.7 +1.4
LZH	comp=Z,23nm,1.0s,mb5.6	eP	P	19 08 27.7 +1.4
LZH		pP	pP	19 08 30.8 +0.6
LZH		sP	sP	19 08 32.5 +0.9
LZH		PP	PP	19 12 24.8 +4.3
LZH		eSKS	S	19 19 03.5
LZH		sS	sS	19 19 44.0 -3.2
LZH		SS	SS	19 26 23.2 +2.2
LZH		SSS	SSS	19 26 23.2 +2.2
LZH		AMB	AMB	
LZH	comp=Z,23nm,1.0s,mb5.6	AMB	AMB	
LZH	comp=Z,106nm,4.3s	LR	LR	
LZH	comp=N,742nm,17.3s	LR	LR	
LZH	comp=Z,890nm,18.4s,MS5.3	LR	LR	
LZH	Lanzhou 96.59 306	eP	P	19 08 27.7 +1.4
LZH	comp=Z,23nm,1.0s,mb5.6	eP	P	19 08 27.7 +1.4
LZH		pP	pP	19 08 30.8 +0.6
LZH		sP	sP	19 08 32.5 +0.9
LZH		PP	PP	19 12 24.8 +4.3
LZH		eSKS	S	19 19 03.5
LZH		sS	sS	19 19 44.0 -3.2
LZH				

Table with columns: KLP, Kalpa, 5.38 125 eP, Pn, 21 10 57.0 -0.4, etc.

IDC 08 21:13:52.5-2.0, 103N-97.08E, h0km, mb3.8/4, mb1 3.9/5, mb1mx3.6/21, mbtmp3.7/5, ML3.0/1, MS2.9/1, Ms1 2.9/1, ms1mx2.3/28, Error ellipse: s-maj=52.7km s-min=26.3km az=56.0

NEIC 08 21:13:57.0-1.8, 107N-97.15E, h30km, mb4.0/1, Error ellipse: s-maj=15.0km s-min=11.3km az=222.0, Northern Sumatara

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

IDCJB 08 21:28:40.9-0.7, 2129S-006.71935W, 0.07, h613km, 10km, mb4.1/15, Error ellipse: s-maj=10.6km s-min=9.2km az=14.4

NEIC 08 21:28:41.1-0.8, 2126S-179.24W, h602km, 10km, mb4.2/11, Error ellipse: s-maj=12.4km s-min=10.2km az=213.0

IDC 08 21:28:47.4-2.3, 2131S-179.56W, h674km, 28km, mb3.5/11, mb1 3.6/11, mb1mx3.5/16, mbtmp4.5/11, Error ellipse: s-maj=17.6km s-min=12.5km az=57.0

ISC 08 21:28:41.0-0.6, 2132S-006.71922W, 0.08, h601km, gkm, n3.9, 0.96/42, mb4.1/15, 1C, Fiji Islands region

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

IDC 08 21:30:26.0-0.7, 3174S-67.73W, h0km, mb3.9/6, mb1 3.9/10, mb1mx3.7/20, mbtmp3.7/10, ML3.7/4, MS3.4/2, Ms1 3.4/2, ms1mx2.8/28, Error ellipse: s-maj=16.7km s-min=7.5km az=19.0

ISCJB 08 21:30:28.1-1.6, 3158S-005.6757W, h41km, 11km, mb3.9/6, MS3.7/1, Error ellipse: s-maj=8.0km s-min=6.0km az=136.8

NEIC 08 21:30:29.9, 3166S-67.57W, h25km, mb4.1/2, ML4.3(GUC), After GUC

GUC 08 21:30:29.9-0.7, 3166S-67.57W, h25km, MD4.1, ML4.3, ISC 08 21:30:31.0-0.7, 3158S-005.6766W, 0.05, h42km, 10km, n3.3, 0.198/31, mb3.9/6, MS3.7/1, 1D, San Juan Province

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

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

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

CLCH Cerro Calan 3.04 233 i P Sn 21 31 18.0 -0.6

TLL Tololo Astrono 3.05 297 eP AML 21 31 20.0 +1.2

PCH Pirque 3.16 229 eP Pn 21 31 19.5 -0.8

OVCH Ovalle 3.19 287 AML AML 21 32 04.0

RCDM Rinconada Maip 3.27 234 i P AML 21 31 21.6 -0.3

CHNG Los Chungos 3.29 264 eP Pn 21 31 21.6 -0.5

SFO San Fernando 4.14 222 i P Pn 21 31 52.6 -1.1

TROA Torquisto 7.97 146 eSn Sn 21 33 57.6 +1.3

LVC Limon Verde 9.00 353 Pn Sn 21 32 39.4 -1.0

PLCA Paso Flores 9.43 194 Pn Pn 21 32 42.5 -3.9

PLCA Paso Flores 9.43 194 Pn Pn 21 32 42.5 -3.9

CPUP Villa Florida 10.44 63 Pn Pn 21 33 00.2 0.0

LPaz La Paz 15.22 358 Pn Pn 21 34 05.6 +0.6

SAMU Samuel 22.89 11 P Pn 21 35 34.4 +0.4

UShua Ushuaia 23.25 181 LR LR 21 44 34.6

PMSA Palmer Station 33.17 177 P Pn 21 37 04.9 -1.7

SNAE Sanae 52.47 159 P Pn 21 39 40.3 -1.3

VNDA Vanda 67.17 190 P Pn 21 41 19.0 -3.6

DBIC Dimbokro 70.89 69 P Pn 21 41 46.5 +0.9

DBIC Dimbokro 70.89 69 P Pn 21 41 47.4 +1.7

TORD Torodi Ar. Bea 79.89 68 P Pn 21 42 38.9 +1.5

PDAR Pinedale Array 83.38 330 P Pn 21 42 55.6 -0.1

WRA Warramunga Arr 124.20 205 PKP PKP 21 49 26.5 -1.3

ZAL Zalesovo 150.19 33 PKP Pn 21 50 18.9 -0.4

MKAR Makanchi Array 152.40 48 PKP Pn 21 50 24.5 +0.1

MKAR Makanchi Array 152.40 48 PKP Pn 21 50 24.5 +0.1

ISCJB 08 22:03:57.0-0.8, 30.17S-009.71937W, 0.2, h193km, 10km, mb3.5/6, Error ellipse: s-maj=26.3km s-min=12.7km az=34.7

NEIC 08 22:03:57.7-1.0, 30.22S-179.42W, h178km, 14km, mb3.9/4, Error ellipse: s-maj=24.5km s-min=18.2km az=78.0

IDC 08 22:03:58.5-0.6, 29.67S-178.74W, h235km, 12km, mb3.2/4, mb1 3.4/4, mb1mx3.3/11, mbtmp3.8/4, Error ellipse: s-maj=44.0km s-min=23.4km az=41.0

ISC 08 22:03:58.1-0.7, 30.22S-009.71937W, 0.2, h187km, 10km, n14, 0.87/13, mb3.7/6, Kermadec Islands region

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

CASC 08 22:20:09.4-1.6, 815N-82.99W, h16km, gkm, MD3.9, 1C-1D, Panama-Costa Rica border region

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

ISCJB 08 22:26:03.6, 1087N-61.40W, h22km, MW3.0, FUNV 08 22:26:05.1-1.1, 1080N-006.6147W, 0.05, h43km, 24km, Error ellipse: s-maj=11.9km s-min=6.0km az=113.3

NEIC 08 22:26:05.2, 1078N-61.44W, h41km, MD2.9(TRN), After TRN

TRN 08 22:26:05.2, 1078N-61.44W, h42km, MD2.9, ISC 08 22:26:05.0-1.0, 1079N-006.6145W, 0.05, h39km, 23km, n9, 0.65/16, 1C-1D, Trinidad

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

Table with columns: TPP, Pointe-a-Pierre, 0.47 180 eP, Pn, 22 26 14.4 +0.6, etc.

IDC 08 22:32:16.8-1.6, 3555N-75.75E, h0km, mb3.9/5, mb1 3.9/9, mb1mx3.7/24, mbtmp3.8/9, ML3.5/4, Error ellipse: s-maj=35.8km s-min=24.2km az=151.0

ISCJB 08 22:32:17.1-0.3, 3582N-003.7622E, 0.06, h10km, mb3.7/5, Error ellipse: s-maj=6.7km s-min=3.5km az=146.3

MOS 08 22:32:20.8-1.1, 3571N-75.68E, h33km, mb4.2/1, Error ellipse: s-maj=25.2km s-min=10.3km az=96.8

NINC 08 22:32:21.6-6.6, 3545N-75.54E, h44km, 49km, mb3.2, mpv3.5, Error ellipse: s-maj=56.1km s-min=45.2km az=169.0

NEIC 08 22:32:22.6-1.3, 3567N-75.72E, h35km, mb3.3/2, Error ellipse: s-maj=22.6km s-min=13.0km az=141.0

BUJ 08 22:32:28.4, 3604N-76.23E, h30km, ML3.3, ISC 08 22:32:19.2-0.3, 3576N-003.7607E, 0.06, h10km, n43, 1.835/51, mb3.7/5, 4C-1D, Eastern Kashmir

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

CHCP Chirah Chowk 3.12 228 P Pn 22 33 09.1 +0.6

DH Dalhousie 3.22 181 eP Pn 22 33 10.2 +2.2

ITV Itanagar 3.33 185 eP Pn 22 33 56.0 +0.4

THH Thein Dam 3.32 185 eP Pn 22 33 12.4 -1.0

KSH Kashi 3.75 359 eP Pn 22 33 16.6 +0.6

KSH Kashi 3.75 359 eP Pn 22 33 12.0 -7.6

KSH comp=N,91nm,0.6s Smax 22 34 20.0 +0.8

CEP Cherat 3.93 242 P Pn 22 33 18.9 -0.7

SDP Sundarnagar 4.32 170 eP Pn 22 34 11.0 +5.3

KLP Kalpa 4.60 156 eP Pn 22 34 14.2 +6.6

KLP comp=N,79nm,0.7s AML AML 22 34 50.0

THW Thame Wall 4.64 232 P Pn 22 33 29.1 -0.3

AAK Ala-Archa 6.97 350 eP Pn 22 34 02.0 +0.7

AAK Ala-Archa 6.97 350 ePn Pn 22 34 02.0 +0.7

AAK comp=Z,1.0nm,0.6s Smax 22 35 20.1 -0.5

AAK Karatay Array 8.49 331 P Pn 22 34 23.6 +1.3

KK31 comp=Z,1.1nm,0.5s, baz=127, slow=12, SNR=18 22 35 59.2 +1.1

GKN comp=Z,1.5nm,0.6s, baz=152, slow=23 22 34 51.5 0.0

GKN comp=Z,1.1nm,0.4s Smax 22 36 47.8 -1.8

KKN Kakani 11.16 133 eP Pn 22 34 57.5 -1.3

DMN Daman 11.19 134 eP Pn 22 34 58.3 -0.9

PKI Pulchoki 11.40 133 eP Pn 22 35 01.0 -1.0

GUM Gumba 11.44 130 eP Pn 22 35 01.8 -0.8

JIRN Jiri 11.81 130 eP Pn 22 35 07.1 -0.6

MKAR comp=Z,3.3nm,0.2s Smax 22 35 12.8 +3.0

BVAO Borovoye Array 17.72 349 P Pn 22 36 27.9 +1.9

BVAO Borovoye Array 17.72 349 P Pn 22 36 27.9 +1.9

BRVK Borovoye 17.72 349 P Pn 22 36 27.9 +1.0

BRVK Borovoye 17.72 349 P Pn 22 36 28.6 +2.0

BRVK comp=Z,2.0nm,0.6s Smax 22 36 28.6 +2.0

ZRKN Zerenada 17.89 346 P Pn 22 36 28.6 +0.4

AB31 Akbulak array 17.92 324 P Pn 22 36 26.6 -2.0

CHKZ Chkalovo 18.31 350 P Pn 22 36 33.6 +0.3

CHKZ Chkalovo 18.31 350 eP Pn 22 36 34.2 +0.9

CHKZ comp=Z,1.0nm,0.5s Smax 22 36 34.2 +0.8

ZAL Zalesovo 19.17 16 P Pn 22 36 43.4 -0.3

ZAL Zalesovo 19.17 16 P Pn 22 36 43.4 -0.3

AKT Aktyubinsk 19.64 324 P Pn 22 36 47.8 -1.5

AKT Aktyubinsk 19.64 324 P Pn 22 36 47.8 -1.5

AKTO comp=Z,0.3nm,1.3s Smax 22 36 47.8 -1.5

SONM comp=Z,1.3nm,0.8s, baz=250, slow=10, SNR=6.4 22 37 50.8 +3.5

SONM comp=Z,0.4nm,0.8s, baz=224, slow=4.0, SNR=2.5 22 37 50.8 +3.5

SONM comp=Z,1.0nm,0.8s Smax 22 37 50.8 +3.5

SONM comp=Z,1.0nm,0.8s Smax 22 37 50.8 +3.5

ARCS ARCES Array B 43.41 337 P Pn 22 40 21.0 -1.1

ARCS ARCES Array B 43.41 337 P Pn 22 40 21.0 -1.1

ESDC comp=Z,3.0nm,0.6s Smax 22 42 35.7 +0.2

TORD Torodi Ar. Bea 69.82 272 P Pn 22 43 27.1 -2.8

TORD comp=Z,0.7nm,0.6s, baz=245, slow=5.6, SNR=16 22 43 27.1 -2.8

ISCJB 08 22:32:15.5-2.5, 57S-01x149E, 0.2, h77km, 17km, mb4.0/7, Error ellipse: s-maj=28.1km s-min=21.1km

NEIC 08 22:32:18.9-3.2, 568S-149.03E, h96km, 19km, mb4.2/6, Error ellipse: s-maj=29.8km s-min=16.3km az=206.0

IDC 08 22:32:21.2-2.4, 596S-149.04E, h104km, 16km, mb3.9/4, mb1 4.1/6, mb1mx3.8/14, mbtmp4.3/6, Error ellipse: s-maj=37.2km s-min=16.5km az=128.0

ISC 08 22:32:20.7-2.1, 59S-01x149E, 0.1, h101km, 13km, n17, 0.67/19, mb4.0/7, New Britain region

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

PMG Port Moresby 3.98 207 P Pn 22 33 20.1 +0.4

PMG 4.7nm, 0.3s, baz=156, slow=23, SNR=13 22 34 04.6 -0.7

CHKT Chart Tower 14.41 190 Pn 22 35 40.3 +1.6

KAKA Kakadu 17.70 246 eP Pn 22 36 19.7 -1.0

WRA Warramunga Arr 19.98 224 P Pn 22 36 45.8 +0.8

WRA Warramunga Arr 19.98 224 P Pn 22 36 45.8 +0.8

WRA 1.8nm, 0.3s, baz=52, slow=11, SNR=4.0 22 40 23.4 -0.8

AS31 comp=Z,0.3s, baz=152, slow=22, SNR=4.0 22 37 16.6 +0.6

AS31 Alice Springs 22.91 218 P Pn 22 37 16.6 +0.6

ASAR comp=Z,0.5nm,0.4s, baz=50, slow=8.9, SNR=31 22 37 16.4 +0.4

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ASAR, ASPA, FITZ, FITZY, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RAO, RAOUL, RAOULI, etc.

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

ISCJB 08 22:36:21.5, 1.3, 163S:02:1767W, 0.2, h33km, mb4.3/8, Error ellipse: s-maj=34.8km s-min=27.1km az=155.0

Msz4.7 NEIC 09 00:09:59.2, 0.3, 2339S:17555W, h0km, mb4.7/9, Error ellipse: s-maj=13.6km s-min=10.4km az=124.0

comp=Z,1.177nm,12.8s,MS4.7 LR LR 00 23 12.1 +0.1

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CTAO, STKA, WBR, etc.

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

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

NEIC 08 23:06:49.9, 3729S:17780E, h50km, ML3.8(WEL), After WEL

WEL 08 23:06:49.8, 0.4, 3728S:17780E, h50km, ML3.8/4, 1C, Error ellipse: s-maj=2.9km s-min=2.4km az=00.0, Off east coast of North Island

comp=Z,1.18nm,12.8s,MS4.7 LR LR 00 23 12.1 +0.1

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like STKA, STEPHENS CREEK, etc.

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

IDC 08 23:16:00.8:7.9, 1701S:17643W, h0km, mb4.1/5, mb1.4/3.5, mb1mx4.0/1.4, mbtmp4.1/5, Error ellipse: s-maj=185.7km s-min=41.8km az=36.0

ISCJB 08 23:16:02.3:5.8, 169S:09:1763W, 0.6, h33km, mb4.2/6, Error ellipse: s-maj=144.2km s-min=27.7km az=60.9

comp=Z,1.1nm,0.9s,ms4.8 eP P 00 19 33.4 +2.6

NEIC 08 23:16:05.2:4.2, 169S:09:1763W, h35km, mb4.1/3, Error ellipse: s-maj=106.0km s-min=20.5km az=212.0

ISC 08 23:16:05.2:5.9, 170S:09:1763W, 0.6, h35km, n12, s=020/12, mb4.2/6, Fiji Islands region

comp=Z,1.1nm,0.9s,ms4.8 eP P 00 19 33.4 +2.6

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like STKA, STEPHENS CREEK, etc.

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

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

CSEM 08 23:19:33.2, 6783N:2019E, h6km, ML3.3, Mining explosion. After UPP

UPP 08 23:19:33.2, 6783N:2019E, h6km, ML3.3, Mining explosion. SWEDEN

WEL 09 00:15:59.6:0.5, 3763S:17622E, h198km, 4km, ML3.6/13, Error ellipse: s-maj=6.4km s-min=4.3km az=90.0, North Island

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

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

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

IDC 09 00:09:57.1:0.7, 2339S:17559W, h0km, mb4.2/9, mb1.4/5/10, mb1mx4.4/15, mbtmp4.3/10, ML5.0/1, MS3.9/7, Ms1.3/9.7, ms1mx3.5/2.1, Error ellipse: s-maj=25.9km s-min=20.1km az=143.0

ISCJB 09 00:09:58.4, 2332S:007:17561W, 0.09, h15km, mb4.6/21, MS4.1/9, Error ellipse: s-maj=12.2km s-min=10.5km az=41.6

comp=Z,1.1nm,0.9s,ms4.8 eP P 00 19 33.4 +2.6

BUI 09 00:09:58.4, 2316S:17542W, h3km, mb5.5, mb4.8, Ms5.0

ISC 09 00:09:58.5, 3876N:2784E, h12km, MD3.2, Error ellipse: s-maj=3.9km s-min=3.0km az=85.0

comp=Z,1.1nm,0.9s,ms4.8 eP P 00 19 33.4 +2.6

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like ESDC Sonseca Array, NVAR Milna Array, KEST Kesra, MKAR Makanchi Array, SONM Sogino Array.

MOS 09 04:38:52.0.9.5629N:16444E, h14km, mb4.3/7, Error ellipse: s-maj=18.1km s-min=10.3km az=56.6

ISCJB 09 04:38:53.0.5.5618N:004:16431E-006, h10km, mb4.0/13, Error ellipse: s-maj=6.1km s-min=4.7km az=169.3

IDC 09 04:38:53.9.0.9.5629N:16405E, h0km, mb3.8/9, mb1.4/1.0, mb1mx3.9/22, mbtmp3.9/10, ML3.5/1, Error ellipse: s-maj=30.1km s-min=20.2km az=146.0

KRSC 09 04:38:56.06N:16401E, h10km, ML4.2

NEIC 09 04:38:59.0.0.5.5630N:16397E, h35km, mb2.4/4, Error ellipse: s-maj=14.1km s-min=9.4km az=131.0

ISC 09 04:38:56.0.1.0.5620N:004:16423E-006, h16km, mb6km, n45, r1916/4, mb4.0/13, Komandorsky Islands region

Main table for station 281 with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KBTR Krutoberegovo, BDR Baidarnaya, SRKR Sorokina, ZLN Zelenaya, etc.

NIC 09 05:01:26.1.0.3.3613N:3629E, h55km, mb4.5, ML4.3, MW3.9

ISK 09 05:01:31.9.3576N:3559E, h17km, ML4.5

ISCJB 09 05:01:32.2.0.1.3585N:001:3553E-002, h10km, mb4.3/51, MS3.4/5, Error ellipse: s-maj=1.8km s-min=1.4km az=147.1

IDC 09 05:01:32.1.0.7.3588N:3541E, h0km, mb4.0/17, mb1.4/1.2, mb1mx4.1/29, mbtmp4.0/22, ML4.1/5, MS3.2/1, Ms1.3/2.1, ms1mx2.4/32, Error ellipse: s-maj=14.5km s-min=12.3km az=120.7

CSEM 09 05:01:33.7.0.3577N:3558E, h20km, mb4.2/1, Mw3.9, Error ellipse: s-maj=1.5km s-min=1.1km az=108.0

NEIC 09 05:01:34.0.3582N:3560E, h39km, mb4.5/27, MD4.4(GRAL), MW4.5(GII), After ISK

HLW 09 05:01:34.3.3599N:3558E, h30km, Mb4.0

MOS 09 05:01:34.3.3586N:3556E, h33km, mb4.5/31, Error ellipse: s-maj=8.8km s-min=4.1km az=126.9

NSSC 09 05:01:35.3584N:3569E, h10km, 1km

GRAL 09 05:01:35.1.2.7.3581N:3543E, h0km, 24km, MD4.0, GII 09 05:01:36.5.9.2.3568N:3550E, h10km, 24km, mb4.3/9, ML4.2/9, MW4.0/6

NAO 09 05:01:36.9.3596N:3573E, h33km, mb4.2

ISC 09 05:01:34.6.3587N:001:3556E-002, h18km, 3km, n354, r1926/409, mb4.3/51, MS3.4/5, BC-21D, Jordan-Syria region

Table for station 281 with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HTY Hatay, SLNF Slenfeh, KRTS Karatas, WRDH Warideh, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like COBT Iskenderun, BIDA Albida, CEYT Ceyhan, KFRA Kufra, MERS Mersin, MEST Erdemli, KARAR Karaisalı, PHNC Paralimni, etc.

PHNC 09 04:38:53.9.0.9.5629N:16405E, h0km, mb3.8/9, mb1.4/1.0, mb1mx3.9/22, mbtmp3.9/10, ML3.5/1, Error ellipse: s-maj=30.1km s-min=20.2km az=146.0

KRSC 09 04:38:56.06N:16401E, h10km, ML4.2

NEIC 09 04:38:59.0.0.5.5630N:16397E, h35km, mb2.4/4, Error ellipse: s-maj=14.1km s-min=9.4km az=131.0

ISC 09 04:38:56.0.1.0.5620N:004:16423E-006, h16km, mb6km, n45, r1916/4, mb4.0/13, Komandorsky Islands region

Main table for station 2006 OCT with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CSS Mammarı, GAZ Gaziantep, GLMH Al Salmeh, SLMH Al Salmeh, KMRŞ Kahramanmaraş, BHL Bhannes, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BINT Bingol, SVTA Shivta, BESH Besiri, GOLŞ Golhisar, KZIT Kziot, etc.

PHNC 09 04:38:53.9.0.9.5629N:16405E, h0km, mb3.8/9, mb1.4/1.0, mb1mx3.9/22, mbtmp3.9/10, ML3.5/1, Error ellipse: s-maj=30.1km s-min=20.2km az=146.0

KRSC 09 04:38:56.06N:16401E, h10km, ML4.2

NEIC 09 04:38:59.0.0.5.5630N:16397E, h35km, mb2.4/4, Error ellipse: s-maj=14.1km s-min=9.4km az=131.0

ISC 09 04:38:56.0.1.0.5620N:004:16423E-006, h16km, mb6km, n45, r1916/4, mb4.0/13, Komandorsky Islands region

Main table for station 2006 OCT with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BINT Bingol, SVTA Shivta, BESH Besiri, GOLŞ Golhisar, KZIT Kziot, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BINT Bingol, SVTA Shivta, BESH Besiri, etc.

PHNC 09 04:38:53.9.0.9.5629N:16405E, h0km, mb3.8/9, mb1.4/1.0, mb1mx3.9/22, mbtmp3.9/10, ML3.5/1, Error ellipse: s-maj=30.1km s-min=20.2km az=146.0

KRSC 09 04:38:56.06N:16401E, h10km, ML4.2

NEIC 09 04:38:59.0.0.5.5630N:16397E, h35km, mb2.4/4, Error ellipse: s-maj=14.1km s-min=9.4km az=131.0

ISC 09 04:38:56.0.1.0.5620N:004:16423E-006, h16km, mb6km, n45, r1916/4, mb4.0/13, Komandorsky Islands region

Main table for station 9d 5h with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BINT Bingol, SVTA Shivta, BESH Besiri, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Montbard, Wadi Sarin, Bardonecchia, La Plagne, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Etsaus, Borovoye Array, MTE, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PEL, Cerro Calan, Farellones, etc.

ISCJB 09 05:12:49.0.0.4, 3090N,004.6663E,004,h10km, mb4,1/19,MS3.4/12, Error ellipse: s-maj=6.9km, s-min=4.9km az=62.3

NEIC 09 05:12:51.0.0.7, 3094N,6655E,h0km,mb3.8/12, Ms1.3/8, ms1mx3.2/32, Error ellipse: s-maj=21.8km s-min=20.7km az=140.0

MOS 09 05:12:53.1.0.8, 3098N,6658E,h33km,mb4.2/13, Error ellipse: s-maj=17.4km s-min=11.3km az=95.9

ISC 09 05:12:51.0.0.4, 3093N,004.6663E,004,h10km,n69, c129/82, mb4.1/19,MS3.4/12, 1C-2D, Pakistan

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SBDP, BHGR, AYAN, etc.

NEIC 09 05:09:59.9,3107S:7150W,h69km,MD3.9(GUC), After GUC

GUC 09 05:10:01.7.0.5, 3109S:7138W,h56km,2km,MD3.9, ML4.0,11-11D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CMCH, BOSHO, etc.

9d 10h

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like KIV Kislovodsk, TVAN Van, TAU Tasmania, etc.

2006 OCT

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like PUL Pulkovo, ARCES ARCESS Array B, etc.

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Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like KIS Kishinev, DAWY Dawson, etc.

GRF		eS	S	10 25 01.3 +1.4
GRF		eL		10 57 49.9
GRF	comp=Z,11µm,21.7s			
GRF	Grafenberg Arr	85.91 322	eP	10 17 27.9 +0.6
GRF		eS	P	10 14 47.9
GRF		eS	S	10 24 59.7 -0.2
GRF		eS	S	10 25 01.3 +1.4
GRF		pmx	pmx	
GRF	comp=Z,921nm,2.0s,mb6.7		MLR	MLR
VOY	comp=Z,11µm,21.7s,MS5.2			
VOY	Vojsko	85.94 318	eP	10 14 26.6 -0.8
VOY		eP	P	10 15 01.7
NVLJ	Novolja	85.94 318	iP	10 14 25.1 -2.3
CADS	Cadraj	85.95 318	iP	10 14 26.8 -0.7
CADS		e	pP	10 14 33.1 -0.5
CADS		e	P	10 25 56.7
UBBA	Unterbreizbach	86.08 323	eP	10 14 28.2 +0.1
PTCC	comp=Z,439nm,1.7s,mb6.4			
PTCC	Patocco-Chiusa	86.11 318	P	10 14 27.6 -0.7
GMNA	comp=Z,174nm,1.4s,mb6.1			
GMNA	Gemona	86.24 318	P	10 14 28.8 -0.1
BBB	comp=Z,720nm,1.1s,mb6.8			
BBB	Bella Bella	86.37 35	P	10 14 29.4 -0.1
BBB		eS	S	10 24 58.7 -5.7
BBB	comp=Z,2.5nm,0.8s,mb5.9,baz=325,slow=6.9,SNR=11			
BBB	Bella Bella	86.37 35	P	10 14 29.4 -0.1
BBB		eS	S	10 24 58.7 -5.7
LWV	Lerwick	86.46 335	eP	10 14 30.7
LWV		AMB	AMB	10 14 35.6
YKW3	comp=Z,133nm,1.3s,mb6.0			
YKW3	Yellowknife Ar	86.48 22	eP	10 14 29.2 -0.9
YKA	Yellowknife Ar	86.53 22	eP	10 14 29.8 -0.5
YKA	comp=Z,7.7nm,0.9s,mb5.9,baz=315,slow=4.8,SNR=86			
YKA	Yellowknife Ar	86.53 22	S	10 24 56.5 -9.4
YKA	comp=Z,1.6nm,0.9s,baz=63,slow=28,SNR=2.6			
YKA		PKK	PKK	10 32 23.9 -2.3
YKA	comp=Z,2.2nm,0.8s,baz=134,slow=2.2,SNR=4.0			
YKA		PKK	PKK	10 40 29.4
YKA	comp=Z,2.2nm,1.0s,baz=117,slow=1.1,SNR=3.6			
YKA		LR	LR	10 58 19.8
YKA	comp=Z,4µm,18.8s,MS5.8,baz=220,slow=39			
YKA	Yellowknife Ar	86.53 22	P	10 14 29.8 -0.5
YKA		S	S	10 24 56.6 -9.3
YKA	Yellowknife Ar	86.53 22	P	10 14 29.8 -0.5
YKA		S	S	10 24 56.5 -9.4
YKA		PKK	PKK	10 32 23.9 -2.3
YKA		PKK	PKK	10 40 29.4
YKA		LR	LR	10 58 19.8
IBBN	Ibbenburen	86.58 325	eP	10 14 30.7 +0.1
IBBN	comp=Z,327nm,1.1s,mb6.5			
FUR	Furstenfeldbru	86.58 321	eP	10 25 03.8 -2.6
FUR		eS	P	10 14 31.2 +0.6
FUR	comp=Z,633nm,1.5s,mb6.6			
FUR	Furstenfeldbru	86.58 321	eP	10 25 07.7 +1.2
FUR		eS	P	10 14 31.2 +0.6
FUR		eS	P	10 25 07.7 +1.2
RGNG	comp=Z,633nm,1.5s,mb6.6			
RGNG	Rignano Gr	86.69 313	P	10 14 31.8 +0.7
ORI	Oriolo Calabro	86.76 312	P	10 14 32.1 +0.6
WTTA	Wattenberg	86.78 320	iP	10 14 31.5 -0.1
WTTA	comp=Z,640nm,1.8s,mb6.5,SNR=49			
WTTA	Wattenberg	86.78 320	iP	10 14 31.5 -0.1
WTTA		pmx	pmx	
WATA	comp=Z,640nm,1.8s,mb6.5			
WATA	Walderalm	86.78 320	iP	10 14 31.2 -0.4
WATA		pmx	pmx	
WIT	comp=Z,263nm,1.6s,mb6.2			
WIT	Witteven	86.80 326	eP	10 14 33.4 +1.3
TIP	comp=Z,722nm,1.1s,mb5.8			
TIP	Timpagrade	86.91 311	eP	10 14 32.8 +0.6
SQTA	Sankt Quirin	87.06 320	iP	10 14 32.9 -0.1
SQTA	comp=Z,394nm,1.7s,mb6.4,SNR=34			
SQTA	Sankt Quirin	87.06 320	iP	10 14 32.9 0.0
SQTA		pmx	pmx	
MOTA	comp=Z,239nm,1.7s,mb6.4			
MOTA	Moosalm	87.06 320	iP	10 14 32.3 -0.7
MOTA	comp=Z,223nm,1.4s,mb6.2,SNR=26			
MOTA	Moosalm	87.06 320	iP	10 14 32.3 -0.7
MOTA		pmx	pmx	
TNS	comp=Z,223nm,1.4s,mb6.2			
TNS	Taanus Mts	87.23 323	eP	10 14 34.0 +0.2
TNS	comp=Z,150nm,1.4s,mb6.0			
TNS	Taanus Mts	87.23 323	eS	10 25 11.4 -1.4
TNS		eS	P	10 25 11.4 -1.4
TNS		eS	pmx	10 25 11.4 -1.4
WTSB	comp=Z,150nm,1.4s,mb6.0			
WTSB	Winterswijk	87.26 325	iP	10 14 33.8 -0.1
WTSB	comp=Z,127nm,3.4s			
WTSB	Bochum-Univer	87.28 325	eP	10 14 39.7
WTSB	comp=Z,249nm,1.4s,mb6.2			
CTI	Castel Tesino	87.33 319	P	10 14 33.8 -0.4
CTI		pmx	pmx	
CTI	comp=Z,136nm,1.1s,mb6.1			
CTI	Castel Tesino	87.33 319	P	10 14 33.8 -0.4
TOD	comp=Z,136nm,1.1s,mb6.1			
TOD	Stuttgart	87.33 323	eP	10 14 33.9 -0.4
STU		eP	P	10 14 35.2 0.0
STU		eP	PP	10 17 57.4 -2.6
STU		eP	S	10 25 15.2 -0.3
CING	Cingoli	87.55 316	P	10 14 35.7 +0.4
DAVA	Darnusé	87.83 320	iP	10 14 36.6 -0.1
DAVA	comp=Z,2µm,4.7s,SNR=14			
AQU	L'Aquila	87.86 315	iP	10 14 36.5 -0.3
AQU	L'Aquila	87.86 315	eP	10 14 38.3 +1.4
FUORN	Ofenpass-Fuorn	87.91 320	iP	10 14 36.9 -0.1
FUORN	comp=Z,655nm,2.3s,mb5.8			
SCLL	Scilla	88.03 310	P	10 14 38.2 +0.6
SCLL	comp=Z,126nm,1.3s,mb6.0			
DAVOX	Davos/Dischmat	88.07 320	iP	10 14 37.7 -0.1
DAVOX	comp=Z,446nm,2.6s,mb6.3			
SPAK	Spaichingen-Ko	88.08 321	eP	10 14 37.1 -0.7
BERNI	Berninapass	88.16 319	eP	10 14 37.7 -0.5
BERNI	comp=Z,254nm,1.1s,mb6.3			
LANF	Langenberg	88.21 322	eP	10 14 38.2 -0.3
BFO	Black Forest	88.23 322	eP	10 14 38.4 -0.2
BFO	comp=Z,193nm,1.7s,mb6.0			
BFO		ePP	PP	10 18 06.2 +0.5
BFO		eS	S	10 25 21.3 -1.0
BFO	Black Forest	88.23 322	eP	10 14 38.4 -0.2
BFO		e	S	10 18 06.2
BFO		e	S	10 25 21.3 -1.0
BFO		pmx	pmx	
HGN	comp=Z,183nm,1.7s,mb6.0			
HGN	Heimangroewe	88.35 325	iP	10 14 38.8 -0.3
HGN	comp=Z,95nm,1.6s,mb6.8			
HGN		ePP	PP	10 18 05.4 -1.2
HGN		eSKS	S	10 24 45.8
HGN		iS	S	10 25 14.4 -9.1
HGN		ex	x	10 27 58.4
HGN		eSS	SS	10 31 17.0 +4.1
HGN		eSSS	SS	10 35 26.9 +0.9
MEM	Membach	88.39 324	P	10 14 38.3 -1.0
DRV	Dumont d'Urville	88.42 172	P	10 14 36.0 -3.5
DRV	Dumont d'Urville	88.42 172	PP	10 18 02.0 -5.3
DRV		S	SS	10 25 22.0 -2.1
DRV		S	SS	10 31 11.0 -3.1
VDL	Val di Lei	88.46 320	iP	10 14 39.6 0.0
VDL	comp=Z,187nm,1.1s,mb6.2			
FNVD	Fontana Vidola	88.53 317	P	10 14 41.3 +1.3
SLNA	Salina	88.53 311	P	10 14 40.0 0.0
SLNA	comp=Z,132nm,0.7s,mb6.4			
TUE	Tuetzia	88.54 320	P	10 14 40.0 0.0
LLS	Linth-Limmern	88.56 320	iP	10 14 39.8 -0.3
LLS	comp=Z,190nm,1.3s,mb6.3			
FELD	Feldberg im Sc	88.65 321	eP	10 14 40.2 -0.3
RAR	Rarotonga	88.70 113	LR	10 45 05.5
RAR	comp=Z,1µm,21.9s,MS5.6,baz=334,slow=29			
MUO	Muotathal	88.72 320	eP	10 14 40.2 -0.7
MUO	comp=Z,228nm,1.2s,mb6.4			
CSN	Castellina Chi	88.74 316	P	10 14 41.0 0.0
CSN	comp=Z,649nm,1.9s,mb6.8			
WLST	Weisbrunn	88.76 322	eP	10 14 40.4 -0.6
WLF	Walferdange	88.80 324	eP	10 14 41.6 +0.4
WLF	comp=Z,236nm,1.0s,mb6.5			
WLF		ePP	PP	10 18 09.9 -0.4
WLF	Walferdange	88.80 324	eP	10 14 41.5 +0.3
WLF		eP	P	10 14 41.5 +0.3

CDF	Champ du Feu	88.80 322	eP	P	10 14 40.7 -0.5
CDF	comp=Z,153nm,1.0s,mb6.0				
CDF	Champ du Feu	88.80 322	eP	P	10 14 40.7 -0.5
CDF		pmx	pmx		
CDF	comp=Z,77nm,1.0s,mb6.0				
CDF	Champ du Feu	88.80 322	eP	P	10 14 40.7 -0.5
BCLA	Clavier	88.87 324	P	P	10 14 41.7 +0.2
MCD	Coleburn Disti	88.87 323	eP	P	10 14 41.7 +0.1
MMEI	Meikle Cairn	88.92 333	eP	P	10 14 41.7 -0.1
TOLF	Tolfa	89.27 315	P	P	10 14 41.4 -0.4
FUSIO	Fusio	88.96 320	iP	P	10 14 41.8 -0.2
FUSIO	comp=Z,191nm,1.0s,mb6.4				
ECH	Echery	88.97 322	eP	P	10 14 41.7 -0.3
MUGH	Muggio	88.99 319	iP	P	10 14 40.8 -1.3
MUGH	comp=Z,126nm,1.0s,mb6.0				
VLC	Villacollemand	89.00 317	eP	P	10 14 43.2 +1.1
VLC	comp=Z,123nm,1.1s,mb6.2				
VLC		e			10 14 51.6
MVHI	Aschvaich	89.05 334	eP	P	10 14 41.5 -0.9
HASLU	Hachberg/Brieg	89.12 320	eP	P	10 14 41.9 -0.8
HASLU	comp=Z,204nm,1.1s,mb6.4				
BBS	Basel-Blauen	89.14 321	eP	P	10 14 42.1 -0.8
MOK	Molkenrain	89.17 322	eP	P	10 14 42.5 -0.5
UCJ	Jocle	89.17 325	eP	P	10 14 42.9 -0.2
HZF	Vizzini	89.21 310	P	P	10 14 43.2 0.0
GIVF	Givet	89.30 324	eP	P	10 14 43.1 -0.5
GIVF	comp=Z,163nm,1.0s,mb6.0				
GIVF	Givet	89.30 324	eP	pmx	10 14 43.1 -0.5
GIVF		pmx	pmx		
GIVF	comp=Z,81nm,1.0s,mb6.0				
GIVF	Givet	89.30 324	eP	P	10 14 43.1 -0.5
GIVF	comp=Z,81nm,1.0s,mb6.0				
BOB	Bobbio (Coli)	89.30 318	P	P	10 14 44.0 +0.4
HINF	Hinterfeld	89.35 322	eP	P	10 14 43.0 -0.8
HINF	comp=Z,206nm,1.4s,mb6.0				
HINF	Hinterfeld	89.35 322	eP	pmx	10 14 43.0 -0.8
HINF		pmx	pmx		
HINF	comp=Z,103nm,1.4s,mb6.0				
HINF	Hinterfeld	89.35 322	eP	P	10 14 43.0 -0.8
HINF	comp=Z,103nm,1.4s,mb6.0				
SNF	Senefie	89.37 325	P	P	10 14 44.6 +0.6
MIR	Mirnyy	89.38 190	iP	P	10 14 44.5 +0.5
MIR		e			10 25 04.5
MIR		pmx	pmx		
DOU	Dourbes	89.42 324	P	P	10 14 43.2 -0.9
HAU	Haudompre	89.54 322	eP	P	10 14 44.0 -0.7
HAU	comp=Z,125nm,1.0s,mb5.9				
HAU		eMLR	MLR		
HAU	comp=Z,10µm,17.2s				
HAU	Haudompre	89.54 322	eP	P	10 14 44.0 -0.7
HAU		pmx	pmx		
HAU	comp=Z,62nm,1.0s,mb5.9				
HAU		MLR	MLR		
HAU	comp=Z,10µm,17.2s,MS6.3				
HAU	Haudompre	89.54 322	eP	P	10 14 44.0 -0.7
HAU		LR	LR		
LOMF	Lomont	89.60 321	eP	P	10 14 44.5 -0.5
THEY	Stoneypath	89.6			

G03A	baz=93,SNR=5.2	↑SKS	Sac	SKSac	10 25 32.1	0.0
PYM	baz=93					
B07A	Petit Puy Mans 92.68 321 eP	P			10 15 00.6	+1.3
	Winthrop 92.69 35 eP	P			10 14 00.0	+0.6
B07A	baz=93	↑SKS	Sac	SKSac	10 25 34.7	+2.6
LDF	baz=93					
LDF	La Druitiere 92.82 325 eP	P			10 15 00.1	+0.1
LDF	comp=Z,105nm,1.3s,mb5.8					
LDF	La Druitiere 92.82 325 eP	P			10 15 00.1	+0.1
LDF	comp=Z,53nm,1.3s,mb5.8					
LDL	La Druitiere 92.83 321 eP	P			10 15 00.6	+0.6
LDL	Lubilhac 92.83 321 eP	P			10 15 00.3	+0.2
F04A	Amboy 92.84 38 ↓P					
F04A	baz=93,SNR=13	↓SKS	Sac	SKSac	10 25 35.5	+2.5
TCF	baz=93					
TCF	Touix Ste Croi 92.85 322 eP	P			10 15 00.0	-0.1
TCF	comp=Z,124nm,1.1s,mb5.9					
TCF	Touix Ste Croi 92.85 322 eP	P			10 15 00.0	-0.1
TCF	comp=Z,62nm,1.1s,mb6.0					
TCF	Touix Ste Croi 92.85 322 eP	P			10 15 00.0	-0.1
E05A	comp=Z,62nm,1.1s,mb6.0					
E05A	Randolph 92.87 38 ↑P	P			10 14 59.8	-0.3
E05A	baz=93,SNR=11	↑SKS	Sac	SKSac	10 25 35.6	+2.4
FLN	baz=93					
FLN	La Foliniere 92.92 325 eP	P			10 15 00.0	-0.4
FLN	comp=Z,15um,18.8s					
FLN	La Foliniere 92.92 325 eP	P			10 15 00.0	-0.4
FLN	comp=Z,15um,18.8s,MS6.5					
VERF	Vernegool 92.99 322 eP	P			10 15 00.2	-0.5
H03A	Soap Creek Ran 93.02 40 ↓P				10 15 01.4	+0.5
H03A	baz=93	↓SKS	Sac	SKSac	10 25 36.9	+3.0
D06A	Cle Elum 93.02 37 ↓P				10 15 01.1	+0.2
D06A	baz=93,SNR=5.3	↓SKS	Sac	SKSac	10 25 35.6	+1.6
I02A	baz=93					
I02A	Mapleton 93.06 40 ↓P				10 15 02.0	+0.9
COR	baz=93					
COR	Corvallis 93.06 40 eP	P			10 15 01.4	+0.3
COR	comp=Z,58nm,0.9s,mb6.0					
COR	comp=Z,2um,20.0s,MS5.5					
COR	Corvallis 93.06 40 eP	P			10 15 01.4	+0.4
COR	comp=Z,58nm,0.9s,mb6.0					
COR	comp=Z,2um,20.0s,MS5.5					
LASF	Ste Croix 93.09 320 eP	P			10 15 01.1	-0.1
LASF	comp=Z,463nm,1.6s,mb6.4					
EDM	Edmonton 93.10 29 eP	P			10 15 01.7	+0.5
C07A	Waterville 93.17 36 ↑P	P			10 15 01.5	-0.1
C07A	baz=93,SNR=27	↓SKS	Sac	SKSac	10 25 37.6	+2.8
TBM	baz=93					
A09A	Table Mountain 93.17 37 P	P			10 15 02.4	+0.9
A09A	Danville 93.20 34 ↑P	P			10 15 02.4	+0.7
A09A	baz=93,SNR=52	↓SKS	Sac	SKSac	10 25 37.6	+2.8
G04A	Mulino 93.21 39 ↑P	P			10 15 02.0	+0.2
G04A	baz=93,SNR=12	↓SKS	Sac	SKSac	10 25 38.5	+3.4
WTV	baz=93					
K01A	Waterville 93.22 36 P	P			10 15 02.0	+0.2
K01A	Sixes 93.31 42 ↑P	P			10 15 03.0	+0.8
E06A	baz=93					
E06A	Yakima 93.32 37 ↓P				10 15 02.3	+0.1
E06A	baz=93,SNR=9.7	↓SKS	Sac	SKSac	10 25 38.9	+3.3
GRR	baz=93					
EBG	Gooroo 93.34 325 eP	P			10 15 02.3	0.0
EBG	Ellensburg 93.34 37 P	P			10 15 03.5	+1.1
KEBM	Edson Butte 93.36 42 eP	P			10 15 04.3	+1.9
I03A	Eugene 93.41 40 eP	P			10 15 03.8	+1.2
F05A	baz=93,SNR=5.2					
F05A	White Salmon 93.42 38 ↓P				10 15 02.7	-0.1
F05A	baz=93,SNR=6.8	↑SKS	Sac	SKSac	10 25 37.5	+1.3
J02A	baz=93					
J02A	Umpqua 93.56 41 ↓P				10 15 03.5	+0.1
J02A	baz=93,SNR=7.8	↓SKS	Sac	SKSac	10 25 39.4	+2.5
HOOD	baz=93					
C08A	Mount Hood Mea 93.63 39 eP	P			10 15 05.5	+1.8
C08A	Higginbotham F 93.67 35 ↑P	P			10 15 03.6	-0.2
C08A	baz=93,SNR=15	↓SKS	Sac	SKSac	10 25 40.5	+3.0
H04A	baz=94					
H04A	Detroit Lake 93.67 39 ↓P				10 15 03.8	-0.1
H04A	baz=94,SNR=8.2	↑SKS	Sac	SKSac	10 25 39.9	+2.4
CAF	baz=94					
CAF	Calviac 93.69 321 eP	P			10 15 04.3	+0.3
CAF	comp=Z,285nm,1.8s,mb5.1					
CAF	Calviac 93.69 321 eP	P			10 15 04.3	+0.3
CAF	comp=Z,142nm,1.8s,mb6.1					
CAF	Calviac 93.69 321 eP	P			10 15 04.3	+0.3
CAF	comp=Z,142nm,1.8s,mb5.1					
KEST	Keasa 93.72 310 P	P			10 15 04.3	+0.3
KEST	comp=Z,34nm,1.0s,mb5.7,baZ=298,slow=2.6,SNR=42					
KEST	comp=Z,1.1nm,0.5s,baZ=334,slow=20,SNR=2.0					
KEST	comp=Z,2um,19.7s,MS5.5,baZ=170,slow=39					
A10A	Northport 93.74 34 ↑P	P			10 15 04.6	+0.4
A10A	baz=94,SNR=34	↓SKS	Sac	SKSac	10 25 38.9	+0.9
B09A	baz=94					
B09A	Rice 93.77 35 ↑P	P			10 15 04.7	+0.4
B09A	baz=94,SNR=14	↑SKS	Sac	SKSac	10 25 42.3	+4.2
RJF	baz=94					
RJF	Les Rejaudoux 93.80 322 eP	P			10 15 04.6	+0.1
RJF	comp=Z,11um,17.5s					
RJF	Les Rejaudoux 93.80 322 eP	P			10 15 04.6	+0.1
RJF	comp=Z,86nm,1.0s,mb6.1					
RJF	comp=Z,11um,17.5s,MS6.4					
RJF	Les Rejaudoux 93.80 322 eP	P			10 15 04.6	+0.1
RJF	comp=Z,86nm,1.0s,mb6.1					
G05A	comp=Z,11um,17.5s,MS6.4					
G05A	Wamic 93.87 38 ↓P				10 15 05.0	+0.2
G05A	baz=94					
K02A	Glendale 93.94 41 ↑P	P			10 15 05.5	+0.4
K02A	baz=94,SNR=5.3	↓SKS	Sac	SKSac	10 25 41.8	+2.8
E07A	baz=94					
E07A	Sunnyside 93.94 37 ↑P	P			10 15 05.6	+0.4
E07A	baz=94,SNR=10	↓SKS	Sac	SKSac	10 25 40.5	+1.5
MFF	baz=94					
MFF	Saint Martin d 94.00 323 eP	P			10 15 05.1	-0.3
MFF	comp=Z,170nm,1.2s,mb6.0					
MFF	Saint Martin d 94.00 323 eP	P			10 15 05.1	-0.3
MFF	comp=Z,85nm,1.2s,mb6.0					
M01C	Crescent City 94.03 42 ↓P				10 15 06.2	+0.6
C09A	Chrisman Ranch 94.08 35 ↓P				10 15 06.0	+0.3
C09A	baz=94,SNR=6.9	↓SKS	Sac	SKSac	10 25 41.7	+2.0
C09A	baz=94					
OD2	Odessa Site #2 94.08 36 P	P			10 15 06.2	+0.4
D08A	Wollman Farm, 94.17 36 ↓P				10 15 06.3	+0.2
D08A	baz=94,SNR=32	↑SKS	Sac	SKSac	10 25 44.1	+3.9
D08A	baz=94					
L02A	Cave Junction 94.20 42 ↑P	P			10 15 06.6	+0.4
L02A	baz=94	↓SKS	Sac	SKSac	10 25 42.4	+2.0
HAWA	baz=94					
HAWA	Hanford 94.22 37 eP	P			10 15 07.4	+1.0

HAWA	comp=Z,2um,19.0s,MS5.6	LR	LR			
H05A	Madras 94.26 39 ↓P				10 15 06.5	-0.1
H05A	baz=94,SNR=7.9	↓SKS	Sac	SKSac	10 25 40.6	-0.1
G06A	Carlson Farm, 94.27 38 ↓P				10 15 07.1	+0.4
G06A	baz=94,SNR=11	↑SKS	Sac	SKSac	10 25 42.6	+1.8
F07A	baz=94					
F07A	Phinny Hill Vi 94.29 37 ↑P	P			10 15 07.3	+0.6
F07A	baz=94	↓SKS	Sac	SKSac	10 25 42.7	+1.8
SGMF	Saint Gilles 94.32 326 eP	P			10 15 05.8	-1.1
SGMF	comp=Z,138nm,1.3s,mb5.9					
SGMF	Saint Gilles 94.32 326 eP	P			10 15 05.8	-1.1
SGMF	comp=Z,69nm,1.3s,mb5.9					
B10A	Chitwood Farm, 94.33 34 ↑P				10 15 07.3	+0.4
B10A	baz=94	↑SKS	Sac	SKSac	10 25 46.1	+5.0
NEW	baz=94					
NEW	Newport 94.41 34 P	P			10 15 07.7	+0.4
NEW	comp=Z,32nm,1.0s,mb5.7,baZ=299,slow=3.4,SNR=33					
NEW	Newport 94.41 34 eP	P			10 15 07.7	+0.4
NEW	comp=Z,45nm,1.0s					
NEW	Newport 94.41 34 PFAKE	LR	LR		10 15 20.0	+1.3
MTLF	comp=Z,3um,19.0s,MS5.7					
MTLF	Montolio 94.49 320 eP	P			10 15 07.4	-0.2
MTLF	comp=Z,75nm,1.0s,mb5.8					
MTLF	Montolio 94.49 320 eP	P			10 15 07.4	-0.2
MTLF	comp=Z,38nm,1.0s,mb5.8					
MTLF	Montolio 94.49 320 eP	P			10 15 07.4	-0.2
MTLF	comp=Z,38nm,1.0s,mb5.8					
D09A	Jones Farm, Ri 94.50 36 ↑P				10 15 07.8	+0.1
D09A	baz=94	↓SKS	Sac	SKSac	10 25 46.9	+4.9
I05A	Bend 94.51 39 ↓P				10 15 08.0	+0.3
I05A	baz=94,SNR=6.4	↓SKS	Sac	SKSac	10 25 45.7	+3.6
LRDF	baz=94					
LRDF	Laroque-de-Fa 94.52 319 eP	P			10 15 07.6	-0.2
EJON	La Jonquera 94.57 319 P	P			10 15 07.2	-0.8
EJON	comp=Z,142nm,2.1s,mb5.2					
C10A	Spilker Farm, 94.58 35 ↓P				10 15 08.5	+0.4
C10A	baz=94,SNR=7.5	↑SKS	Sac	SKSac	10 25 44.7	+2.2
CMAH	Djebel Manchou 94.64 312 P	P			10 15 09.0	+0.7
JCC	Jacoby Creek 94.64 43 ↑P	P			10 15 08.4	+0.1
JCC	baz=94	↓SKS	Sac	SKSac	10 25 47.7	+4.9
ROSF	Rostrenen 94.65 326 eP	P			10 15 07.4	-1.0
ROSF	comp=Z,105nm,1.3s,mb5.8					
ROSF	Rostrenen 94.65 326 eP	P			10 15 07.4	-1.0
ROSF	comp=Z,53nm,1.3s,mb5.8					
ROSF	Rostrenen 94.65 326 eP	P			10 15 07.4	-1.0
ROSF	comp=Z,52nm,1.3s,mb5.8					
FILF	Fillools 94.71 319 eP	P			10 15 08.4	-0.3
H06A	Lindquist Farm 94.73 38 ↑P				10 15 08.5	-0.2
H06A	baz=95,SNR=12	↓SKS	Sac	SKSac	10 25 44.1	+0.8
CGMA	Guelma 94.73 312 P	P			10 15 09.5	+0.8
A12A	Yaak River Ran 94.75 33 ↑P	P			10 15 09.2	+0.4
A12A	baz=95,SNR=15	↓SKS	Sac	SKSac	10 25 45.1	+1.4
ABSA	Djebel Ababsia 94.77 312 P	P			10 15 10.0	+1.1
G07A	Ruggs Ranch, H 94.80 38 P	P			10 15 09.7	+0.6
G07A	baz=95,SNR=13	↑SKS	Sac	SKSac	10 25 45.1	+1.4
QUIF	baz=95					
QUIF	Quisticin 94.85 326 eP	P			10 15 09.1	-0.2
CARF	Carcanieres 94.91 319 eP	P			10 15 09.2	-0.3
E09A	Wood Farm, Sta 94.92 36 ↓P				10 15 09.7	+0.1
E09A	baz=95,SNR=26	↓SKS	Sac	SKSac	10 25 46.5	+1.3
CAEH	baz=95					
CAEH	Ain El Ouahch 94.96 312 P	P			10 15 13.0	+3.2
YBH	Yreka Blue Hor 94.98 42 P	P			10 15 10.3	+0.4
YBH	comp=Z,11nm,1.0s,mb5.2,baZ=50,slow=0.8,SNR=12					
YBH	Yreka Blue Hor 94.98 42 ↓P				10 1	

9d 10h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CMWZ Cape Campbell, WEL Wellington, RAEZ Rainy Point, etc.

ISC 09:10:14.50:1.0, 2039N, 12097E, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.18, mbtmp3.6/3, MS3.1/1, Ms1 3.1/1, s-min=30.5km az=106.0, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MJAR Matsushiro Arr, PSI Prapat, WRA Warramunga Arr, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HUMP Col San Antoni, CUPD Cerro la Pandu, AOPR Arecibo Observ, etc.

ISCJB 09:10:22:07.8:1.2, 375S:0.10:151.13E:008, h460km, 12km, mb4.2/3, Error ellipse: s-maj=15.8km s-min=11.8km az=155.9

NEIC 09:10:22:07.8:0.5, 364S:151.15E, mb4.7/7, Error ellipse: s-maj=9.5km s-min=8.9km az=211.0

IDC 09:10:22:08.5:0.6, 374S:151.08E, h453km, 6km, mb3.7/11, mb1 3.9/14, mb1mx3.8/20, mbtmp4.6/14, Error ellipse: s-maj=12.7km s-min=10.5km az=109.0

ISC 09:10:22:08.9:1.2, 376S:0.10:151.1E:008, h453km, 12km, n32, e069/34, mb4.2/13, 2D, New Ireland region

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PMG Port Moresby, PMG 2.1nm, 0.3s, baz=71, slow=2.3, SNR=7.0, HNR Honiara, CTA Charters Tower, etc.

NEIC 09:10:27:26.1, 3171S:6979W, h111km, MG4.0(GUC), After GUC 09:10:27:26.1, 0.6, 3171S:6979W, h111km, 3km, MD3.9, mb1.4, ICD-10C, San Juan Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZON Zonda, PTCH Petorca, PTCH Petorca, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RCDM Rinconada Maip, RCDM Rinconada Maip, RCDM Rinconada Maip, etc.

ISCJB 09:10:28:31.1:0.4, 2070N:005:12001E:007, h10km, mb4.6/21, Error ellipse: s-maj=9.3km s-min=7.5km az=166.8

IDC 09:10:28:31.2:0.6, 2069N:12002E, h0km, mb4.4/18, mb1 4.5/19, mb1mx4.5/24, mbtmp4.4/19, ML3.2/1, Error ellipse: s-maj=22.6km s-min=13.0km az=67.0

NEIC 09:10:28:32.7:0.3, 2070N:12001E, h10km, mb5.0/14, Error ellipse: s-maj=7.8km s-min=6.1km az=92.0

MOS 09:10:28:34.8:0.9, 2071N:11994E, h33km, mb5.2/11, Error ellipse: s-maj=18.1km s-min=17.9km az=121.2

BUI 09:10:28:34.8, 2104N:11961E, h5km, mb4.4, ML4.2 SZGRF 09:10:28:37.9, 2085N:12019E, h33km, mb5.0, Philippine Islands region

ISC 09:10:28:32.4:3.6, 2072N:006:12000E:007, h7km, 22km, n73, e072/73, mb4.6/31, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NACB Ninganchiao, YHNB Yeheng, GZHZ Guanzhou, etc.

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

IDC 09 10:30:47.5:0.9, 2048N:11953E, h0km, mb4.1/1, mb1 4.2/1, mb1mx4.1/19, mbtmp4.1/1, Error ellipse: s-maj=35.7km s-min=18.5km az=67.0

NEIC 09 10:30:49.1:0.7, 2046N:11949E, h10km, Error ellipse: s-maj=24.0km s-min=14.7km az=68.0

ISCJB 09 10:30:50.9:0.7, 2051N:1195E:02, h33km, mb4.0/11, Error ellipse: s-maj=26.4km s-min=15.3km az=129.2

ISC 09 10:30:53.0:0.7, 2051N:1195E:02, h35km, n13, r1505/13, mb4.0/11, Philippine Islands region

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

NEIC 09 10:32:15.6:1.7, 945S:10865E, h10km, Error ellipse: s-maj=82.3km s-min=12.6km az=49.0

IDC 09 10:32:13.8:2.2, 953S:10853E, h0km, mb4.2/6, mb1 4.2/7, mb1mx4.0/18, mbtmp4.2/7, ML3.6/1, Error ellipse: s-maj=89.5km s-min=18.3km az=48.0, South of Jawa Islands region

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

IDC 09 10:36:06.9:1.5, 2059N:11979E, h0km, mb3.9/6, mb1 4.1/6, mb1mx3.9/20, mbtmp3.9/6, Error ellipse: s-maj=164.9km s-min=19.0km az=59.0

NEIC 09 10:37:58.9:0.8, 3666S:17835E, h12km, ML3.9/12, Error ellipse: s-maj=133.0km s-min=12.7km az=58.0, Philippine Islands region

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

NEIC 09 10:37:59.6:3668S:17827E, h12km, ML4.1(WEL), After WEL

WEL 09 10:37:58.9:0.8, 3666S:17835E, h12km, ML3.9/12, Error ellipse: s-maj=6.2km s-min=4.6km az=90.0, Off east coast of North Island

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

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

IDC 09 10:38:54.8:10.0, 1993N:12180E, h0km, mb3.8/3, mb1 4.1/3, mb1mx3.7/19, mbtmp3.9/3, Error ellipse: s-maj=355.7km s-min=30.7km az=105.0, Philippine Islands region

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

JMA 09 10:40:29.3:0.4, 3224N:14231E, h82km, M3.5, Southeast of Honshu

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

SKHL 09 10:41:00.3:2.4, 4342N:14727E, h40km, 10km, mb5.2/1, ISCJB 09 10:41:03.8:1.7, 4330N:1470E:01, h22km, 10km, Error ellipse: s-maj=15.2km s-min=12.7km az=104.5

JMA 09 10:41:04.0:0.2, 4320N:14701E, h40km, 3km, M3.5, ISC 09 10:41:04.5:0.2, 4334N:1469E:02, h17km, 20km, n14, r0586/21, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NEM2, NEM2, YUK, etc.

ISC 09 10:41:04.5:0.2, 4334N:1469E:02, h17km, 20km, n14, r0586/21, Kuril Islands

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

IDC 09 10:45:19.0:2.1, 2030N:11946E, h0km, mb3.9/4, mb1 4.1/4, mb1mx3.8/18, mbtmp3.9/4, Error ellipse: s-maj=195.7km s-min=26.5km az=58.0, Philippine Islands region

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

ISCJB 09 10:45:54.3:0.4, 2054N:11978E:009, h10km, mb4.1/15, Error ellipse: s-maj=12.7km s-min=8.1km az=138.8

IDC 09 10:45:54.8:0.7, 2051N:11972E, h0km, mb4.1/13, mb1 4.3/13, mb1mx4.2/21, mbtmp4.1/13, Error ellipse: s-maj=29.3km s-min=13.9km az=69.0

NEIC 09 10:45:56.1:0.4, 2053N:11977E, h10km, mb4.7/1, Error ellipse: s-maj=15.2km s-min=8.6km az=77.0

MOS 09 10:45:57.3:0.8, 2044N:11972E, h33km, mb4.8/1, Error ellipse: s-maj=29.6km s-min=17.6km az=110.1

BUI 09 10:46:00.4, 2114N:11950E, h5km, 2ML2, 3ML3, ISC 09 10:45:56.3:0.4, 2058N:11981E:009, h10km, n27, r0588/29, mb4.1/15, Philippine Islands region

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

PSI Prapat 26.96 232 P P 10 51 36.2 -1.8

PSI Prapat 26.96 232 P P 10 51 36.2 -1.8

SONM Songoing Array 29.15 341 P P 10 51 59.2 +0.6

MKAR Makanchi Array 40.14 320 P P 10 53 30.0 +0.8

ZAL Zalesovo 42.65 330 P P 10 53 53.4 +0.5

WRA Warrungarra Arr 42.71 160 P P 10 53 53.0 -0.4

WB2 Warrungarra Arr 42.72 160 P P 10 53 52.1 -1.3

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

ISCJB 09 10:49:01.6:0.6, 2061N:1196E:02, h10km, mb3.9/9, Error ellipse: s-maj=28.7km s-min=12.8km az=130.7

IDC 09 10:49:01.9:0.9, 2070N:11970E, h0km, mb3.9/9, mb1 4.1/9, mb1mx4.0/20, mbtmp3.9/9, Error ellipse: s-maj=40.8km s-min=17.5km az=63.0

NEIC 09 10:49:03.0:0.6, 2060N:11971E, h10km, Error ellipse: s-maj=2.1km s-min=1.1km az=67.0

ISC 09 10:49:03.5:0.6, 2071N:1197E:02, h10km, n13, r0596/13, mb3.9/9, Philippine Islands region

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

IDC 09 10:51:32.1:8.0, 2050N:12049E, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.7/19, mbtmp3.8/4, Error ellipse: s-maj=235.5km s-min=31.4km az=105.0, Philippine Islands region

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

MAN 09 10:56:47.9, 1123N:12463E, h11km, mb3.3, ML4.5, MS2.3

ISCJB 09 10:56:48.2:0.7, 1126N:12463E:004, h17km, 6km, mb3.7/3, Error ellipse: s-maj=6.6km s-min=5.5km az=109.6

NEIC 09 10:56:58.0:0.8, 934N:12289E, h10km, mb4.9/1, Error ellipse: s-maj=93.2km s-min=16.3km az=61.0

NEIC 09 10:57:00.2:2.4, 969N:12495E, h0km, mb3.9/4, mb1 3.9/4, mb1mx3.8/18, mbtmp3.9/4, Error ellipse: s-maj=262.1km s-min=24.5km az=65.0

ISC 09 10:56:48.7:0.7, 1125N:12462E:004, h13km, 5km, n20, r10507/27, mb3.7/3, 5C-1D, Leyte

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

SZGRF 09 10:57:01.9, 1934N:12050E, h33km, mb5.1, Philippine Islands region

IDC 09 10:57:03.2:0.5, 2072N:12010E, h0km, mb4.6/22, mb1 4.7/24, mb1mx4.6/29, mbtmp4.6/24, ML3.4/1, Error ellipse: s-maj=21.6km s-min=11.2km az=71.0

BUI 09 10:57:04.4, 2097N:12002E, h3km, mb4.9, mb4.7, ML4.5, MS5.1, MS2.7

ISCJB 09 10:57:05.0:1.3, 2072N:12012E:004, h22km, 9km, mb4.7/58, MS4.9/2, Error ellipse: s-maj=6.3km s-min=3.8km az=67.9

NEIC 09 10:57:04.8:0.2, 2068N:12012E, h10km, mb4.9/17, Error ellipse: s-maj=7.7km s-min=4.8km az=87.0

MOS 09 10:57:06.7:1.0, 2067N:12002E, h33km, mb5.0/25, Error ellipse: s-maj=11.9km s-min=5.8km az=112.5

JMA 09 10:57:09.1:0.3, 2067N:12044E, h80km, M4.6, Error ellipse: s-maj=21.6km s-min=11.2km az=71.0

ISC 09 10:57:07.6:1.3, 2074N:12015E:003, h27km, 9km, n144, r0593/155, mb4.7/58, MS4.9/2, 6C-4D, Philippine Islands region

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

9d 11h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like HATJ Hateruma jima, IRIF Iriomote-Funau, Kuro-shima, etc.

2006 OCT

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BILL comp=Z,6.0nm,1.1s,mb4.5, AKTK 56.61 317, ARU 57.31 325, etc.

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Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like JSCJB 09 10:57:58.0, 0.7, 209N, 0.1x, 1199E, etc.

Table with columns: Station, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like Tsey, Kislovodsk, Obninsk, Anapa, Malatya, Joensuu, Kevo, Skilak Lake, etc.

Table with columns: Station, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like LOR Lormes, ORIF Oris-en-Rattie, FRF Forest Royal, SSF Saint Sauveur, etc.

Table with columns: Station, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like JOW Kunigami, Qiongzhong, Qiongzhong, CUYO Cuyao Island, etc.

NIED 09 11:08:00, 2070N:12030E, h32km, Mw5.9 Best double couple: Mb8.42000x1017 NP1.9e90.00000:874.00000:1.159.00000: N P2.0e186.00000:870.00000:1.7.00000: ISCJB 09 11:08:25.5:7.2075N:102:12005E:0.02,h3km,4km, mb5.7/235, MS5.5/7, Error ellipse: s-maj=3.1km s-min=2.5km az=58.2

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ABRA Dolores, NACB Ninganchiao, CAUP Cayanay, etc.

MNGI	Mangalore	44.52 267	eP	P	11 16 35.0	0.0
MNGI			Amb	AMB	11 16 43.1	
MNGI	comp=Z,193nm,1.7s,mb5.6					
MNGI	Ospenovka	44.00 311	i x	x	11 23 18.0	
MNGI	SNR=35				11 16 36.1	+0.2
KURK	Kurchatov	44.10 323	P	P	11 16 36.6	-0.1
KURK	comp=Z,1um,1.1s,mb6.6,SNR=47					
KURK	Kurchatov	44.10 323	P	P	11 16 36.5	-0.2
KURK	comp=Z,1um,1.1s,mb6.6,SNR=47					
AML	Almayshay	44.28 310	P	P	11 16 39.6	+1.4
EKS2	Erkin-Say	44.35 310	P	P	11 16 39.5	+0.7
MA2	Magadan	44.52 220e	P	S	11 16 40.2	+0.1
MA2			eS	S	11 23 12.8	-2.0
MA2			eSS	SS	11 26 24.4	-1.0
MA2	comp=Z,100nm,1.3s,mb5.5			pmax		
MA2	comp=N,50nm,1.2s			pmax		
MA2				MLR		
MA2	comp=Z,8um,20.2s,MSS.7			MLR		
ASAR	Magadan	44.52 22	eP	P	11 16 40.4	+0.3
AS31	Alice Springs	46.19 162	eP	P	11 16 51.9	-1.4
ASPA	Alice Springs	46.19 162	eP	P	11 16 52.5	-0.8
ASPA			eS	S	11 23 34.0	-4.9
ASAR	Alice Springs	46.19 162	P	P	11 16 52.0	-1.3
ASAR	comp=Z,28nm,0.8s,mb5.2,baz=342,slow=6.7,SNR=64					
ASAR	comp=Z,0.7nm,1.0s,baz=1.8,slow=15,SNR=2.6				11 23 33.0	-5.9
ASAR			LR	LR	11 37 21.9	
ASAR	comp=Z,1um,19.4s,MSS.0,baz=345,slow=38					
ASAR	Alice Springs	46.19 162	P	P	11 16 52.0	-1.3
ASAR			S	S	11 23 33.1	-5.8
SEY	Seymchan	47.52 19	eP	P	11 17 04.0	+0.3
SEY	Seymchan	47.52 19	eP	P	11 17 04.1	+0.4
CTA	Charters Tower	48.02 146	eP	P	11 17 08.1	+0.4
CTA	comp=Z,172nm,0.9s,mb6.1			eS	11 23 57.8	-7.3
CTA	Charters Tower	48.02 146	P	P	11 17 07.6	-1.1
CTA	comp=Z,3um,19.8s,MSS.3,baz=242,slow=35			LR	11 36 44.0	
CTA	Charters Tower	48.02 146	eP	P	11 17 08.1	+0.4
CTA			eS	S	11 23 57.8	-7.3
CTA			pmax	pmax		
CTA	comp=Z,172nm,0.9s					
CHTAO	Charters Tower	48.02 146	eP	P	11 17 08.2	+0.5
HNR	Honiara	49.38 124	P	P	11 17 18.2	+0.2
HNR	comp=Z,11nm,0.3s,mb5.3,baz=267,slow=19,SNR=2.0					
BVAR	Borovoye Array	49.70 323	P	P	11 17 19.7	-0.8
BVAR	comp=Z,79nm,1.0s,mb5.7,baz=114,slow=10,SNR=49			PcP	11 18 40.8	-0.8
BVAR	comp=Z,4.1nm,0.7s,baz=122,slow=3.6,SNR=10			LR	11 37 46.8	
BVAR	comp=Z,4um,20.2s,MSS.4,baz=162,slow=35					
BVAR	Borovoye Array	49.70 323	P	P	11 17 19.7	-0.8
BVAR					11 18 40.8	
BRVK	Borovoye	49.77 323	P	P	11 17 21.9	+0.9
BRVK	SNR=48					
BRVK	Borovoye	49.77 323	eP	P	11 17 20.8	-0.3
BRVK	comp=Z,203nm,1.0s,mb6.1			pmax		
BRVK	Borovoye	49.77 323	eP	P	11 17 20.8	-0.3
BRVK	comp=Z,203nm,1.0s,mb6.1					
CHKZ	Chkalovo	49.81 324	eP	P	11 17 20.6	-0.7
CHKZ	comp=Z,285nm,1.1s,mb6.2			pmax		
CHKZ	Chkalovo	49.81 324	eP	P	11 17 20.6	-0.8
CHKZ	comp=Z,285nm,1.1s,mb6.2					
ZRNK	Zerenda	50.46 322	eP	P	11 17 25.8	-0.5
ZRNK	comp=Z,282nm,1.0s,mb6.2			pmax		
ZRNK	Zerenda	50.46 322	eP	P	11 17 25.8	-0.4
ZRNK	comp=Z,282nm,1.0s,mb6.2					
TIXI	Tiksi	51.14	4	eP	11 17 30.6	-0.4
TIXI			eS	S	11 24 41.7	-7.1
TIXI	comp=Z,51nm,1.0s,mb5.4			pmax		
TIXI			MLR	MLR		
TIXI	comp=Z,7um,14.0s,MSS.8					
TIXI	Tiksi	51.14	4	eP	11 17 30.0	-1.4
TIXI	Forrest	51.83 171	eP	P	11 17 36.0	-0.6
KLBR	Kellerberin	52.12 182	eP	P	11 17 36.8	-1.9
KLBR	comp=Z,339nm,0.6s,mb5.5					
MUN	Mundaring	52.58 184	eP	P	11 17 47.0	+4.8
MUN			ePcP	PcP	11 18 59.2	+6.9
MUN			eS	S	11 25 08.8	+0.2
MUN			P	P	11 17 47.3	-1.4
NWAO	Narrogin (SRO)	53.47 183	eP	P	11 17 47.1	-1.6
NWAO	comp=Z,89nm,0.8s,mb5.6,baz=319,slow=7.9,SNR=33					
NWAO	Narrogin (SRO)	53.47 183	eP	P	11 17 47.1	-1.6
NWAO	comp=Z,80nm,0.9s			pmax		
NWAO	Narrogin (SRO)	53.47 183	eP	P	11 17 47.1	-1.6
NWAO	comp=Z,89nm,0.8s,mb5.7					
AMKA	Amchitka	54.92 41	eP	P	11 17 58.4	-0.9
BILL	Bilibino	55.23 19	eP	P	11 18 02.8	+1.3
BILL	comp=Z,53nm,1.0s,mb5.5			pmax		
BILL				MLR		
BILL	comp=Z,6um,21.0s,MSS.7					
BILL	Bilibino	55.23 19	eP	P	11 18 02.9	+1.4
ABKT	Ailbek	55.67 302	P	P	11 18 05.8	+1.1
ABKT	comp=Z,959nm,1.0s,mb5.8,SNR=17					
STKA	Stephens Creek	56.27 158	eP	P	11 18 07.8	-1.2
STKA	comp=Z,40nm,0.8s,mb5.5					
STKA	Stephens Creek	56.27 158	eP	P	11 26 00.8	+2.5
STKA	comp=Z,42nm,0.7s,mb5.6,baz=336,slow=7.1,SNR=50			eS	11 18 08.6	-0.4
STKA			LR	LR	11 43 28.0	
STKA	comp=Z,2um,19.4s,MSS.2,baz=336,slow=37					
STKA	Stephens Creek	56.27 158	eP	P	11 18 08.2	-0.8
WBK	Wadi Bani Khal	56.44 284	P	P	11 18 11.2	+0.9
AKTK	Aktyubinsk	56.52 317	P	P	11 18 10.7	-0.1
AKTK			LR	LR	11 42 11.3	
AKTO	Aktyubinsk	56.52 317	P	P	11 18 10.7	-0.1
AKTO	comp=Z,120nm,0.9s,mb5.9,baz=63,slow=6.1,SNR=83					
AKTO			LR	LR	11 42 11.3	
WSAR	Wadi Sarin	56.64 285	P	P	11 18 11.6	0.0
WSAR	comp=Z,46nm,1.0s,mb5.5,baz=116,slow=9.9,SNR=22					
WSAR			LR	LR	11 44 03.8	
WSAR	Arti	57.23 325	P	P	11 18 14.8	-1.0
WSAR	comp=Z,2um,21.8s,MSS.2,baz=111,slow=38					
ARU	Arti	57.23 325	P	P	11 18 14.4	-1.4
ARU	comp=Z,1um,1.0s,SNR=8.0					
ARU	Arti	57.23 325	iP	P	11 18 14.2	-1.6
ARU					11 19 04.3	
ARU					11 20 22.0	
ARU			eS	S	11 26 12.7	+1.7
ARU			eS	S	11 27 58.6	
ARU	comp=Z,175nm,0.9s,mb6.1			pmax		
ARU	comp=E,2um,19.0s,MSS.4			MLR		
ARU				MLR		
ARU	comp=Z,4um,19.0s,MSS.5			MLR		
ARU	comp=N,2um,18.0s,MSS.4					
JMDU	Jabal Madar	57.27 284	eP	P	11 18 14.8	-1.0
JMDU	SNR=9.4				11 18 16.8	+0.7
HOQ	Hoqain	57.77 285	P	P	11 18 20.6	+1.0
HOQ	SNR=12					
BSY	Bisyay	58.02 284	P	P	11 18 22.3	+0.9
BSY	SNR=16					
ARQ	Araq	58.52 285	P	P	11 18 25.6	+0.7
ARQ	SNR=9					
HATD	Hatta, Dubai	58.61 287	P	P	11 18 26.3	+0.9
HATD	SNR=12					
ASHO	Ashtiyah	58.70 287	P	P	11 18 27.0	+0.9
ASHO	SNR=9.8					
ARMA	Armidale	58.26 148	eP	P	11 18 35.1	+5.1
ARMA	Riverview	58.56 151	eP	P	11 18 50.6	+2.9
RBK	Rabruk	61.93 279	P	P	11 18 48.3	+0.2
RBK	SNR=21					
DZM	Mont Dzumac	62.16 131	eP	P	11 18 47.3	-2.4
DZM	comp=Z,1.5nm,0.8s,mb5.2,baz=79,slow=21,SNR=9.1				11 18 50.3	+0.6
CNB	Canberra Magne	62.33 153	eP	P	11 18 51.3	+0.4
CNB	comp=N,44nm,0.8s,mb5.6					
TOO	Toolangi	62.78 157	eP	P	11 18 54.3	+0.4

TOO	Toolangi	62.78 157	eP	P	11 18 54.3	+0.4
TOO	comp=N,47nm,0.7s,mb5.7			pmax		
ABTO	Abtut	62.80 279	P	P	11 18 54.3	+0.3
ABTO	SNR=16					
MAK	Makhachkala	63.55 309	i P	P	11 18 55.5	+0.5
MAK					11 19 35.8	
MAK					11 21 13.7	
MAK			ePPP	P	11 27 30.2	-1.8
MAK			eS	S	11 28 48.7	
MAK			eSS	SS	11 31 42.9	+3.7
MAK			pmax	pmax		
MAK	comp=Z,45nm,0.4s,mb6.8					
QRN	Al-Qurain	65.12 293	eP	P	11 19 08.9	-0.4
QRN	comp=Z,172nm,0.9s,mb6.1			AMB	11 19 14.5	
UMR	Umm Al-Rimman	65.15 294	eP	P	11 19 09.2	-0.3
UMR			Amb	AMB	11 19 11.6	
KBD	Kabd	65.24 293	eP	P	11 19 09.8	-0.2
KBD			Amb	AMB	11 19 12.3	
DGRF	David-Grigji	65.47 307	P	P	11 19 12.9	+2.6
RDFC	Al-Radifiah	65.41 293	eP	P	11 19 10.1	-1.0
RDFC	comp=Z,249nm,0.4s,mb6.3			AMB	11 19 13.3	
MIB	Mutribah	65.42 294	eP	P	11 19 10.0	-1.3
MIB			Amb	AMB	11 19 13.2	
NAY	Nai-Naieim	65.61 294	eP	P	11 19 11.2	-1.3
NAY			Amb	AMB	11 19 14.3	
MTA	Garni	65.68 307	P	P	11 19 14.4	+1.5
GNI	Garni	65.91 306	eP	P	11 19 15.8	+1.4
GNI	comp=Z,12nm,0.6s,mb5.1,baz=27,slow=8.3,SNR=21			LR	11 52 03.7	
GNI	Garni	65.91 306	eP	P	11 19 16.7	+2.3
GNI			LR	LR	11 52 03.7	
ZEI	Tsey	66.21 309	eP	P	11 19 16.4	+0.1
ZEI	comp=Z,89nm,1.0s,mb6.2			pmax		
SEMD	Semdlilli	66.47 303	eP	P	11 19 17.0	-1.0
CLDR	Caldiran	66.47 305	eP	P	11 19 19.6	+0.3
VRHR	Novokhopersk	66.92 318	eP	P	11 19 20.0	-0.9
VRHR	comp=Z,230nm,0.9s,mb6.2			pmax		
VRHR	comp=N,20nm,0.4s			pmax		
VRHR	comp=E,70nm,0.6s			pmax		
KIV	Kislovodsk	66.95 310	P	P	11 19 21.1	+0.1
KIV	SNR=42					
KIV	Kislovodsk	66.95 310	iP	P	11 19 21.4	+0.4
KIV			e		11 19 49.5	
KIV			e		11 21 49.9	
KIV			eS	S	11 28 15.4	+1.8
KIV			eSS	SS	11 32 29.6	-2.4
KIV	comp=Z,216nm,1.1s,mb6.1			pmax		
KIV	comp=Z,869nm,2.5s,mb6.3			pmax		
KIV	comp=Z,2um,16.0s,MSS.5			MLR		
KIV	Kislovodsk	66.95 310	eP	P	11 19 21.1	+0.1
VANB	Van	67.17 304	eP	P	11 19 18.4	-4.0
CUKT	Cukurca	67.21 303	eP	P	11 19 24.3	+1.6
BHD	Baghdad	67.27 298	i x	x	11 19 18.0	
BHD			x	x	11 29 09.0	
MSL	Mosul	67.78 302	e x	x	11 19 25.0	
MSL			e x	x	11 19 36.5	
MSL			e x	x	11 26 26.0	
TMCR	Tamitsa	68.05 332	iP	P	11 19 28.8	+0.6
SIRT	Sirmak	68.08 303	eP	P	11 19 28.0	-0.2
VOR	Voronezh	68.37 319	eP	P	11 19 29.5	-0.5
VOR	comp=E,250nm,1.3s			pmax		
VOR	comp=Z,340nm,1.3s,mb6.2			pmax		
VOR	comp=N,70nm,1.2s			pmax		

9d 11h

Table with columns for station name, frequency, power, and signal strength. Includes stations like KDM, IZAG, DAG, etc.

2006 OCT

Table with columns for station name, frequency, power, and signal strength. Includes stations like TREC, SOP, PVS, etc.

304

Table with columns for station name, frequency, power, and signal strength. Includes stations like GRF, VOY, CADS, etc.

ellipse: s-maj=25.7km s-min=12.7km az=120.3
NEIC 09 12:38:33.4, 0.0, 2054N, 120.11E, mb4.4/6, Error ellipse:
s-maj=14.1km s-min=8.3km az=75.0
BJJ 09 12:38:34.4, 2050N, 120.10E, h24km, mb4.7, mb4.4, Ms4.4, Ms4.3
ISC 09 12:38:37.0, 0.5, 2048N, 007.1200E, h26km, h26km, 9km; p-P, n34, 079/33, mb4.0/14, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NACB Ninganchiao, YHNB Yeheng, GYA Guiyang, etc.

NIED 09 12:39:00, 2060N, 120.60E, h14km, Mw4.7 Best double couple: Mo 1.48000; 1016 NP1; 311.00000; 370.00000; 1-92.00000; NP2; 136.00000; 820.00000; 1-85.00000

IDC 09 12:39:13.1, 0.5, 2051N, 119.99E, h0km, mb4.6/2, mb1.4/2, mb1mx4.7/2, mbtmp4.6/2, Ms4.2/3, Ms1.4/2, ms1mx3.5/2, Error ellipse: s-maj=2.5km s-min=10.2km az=67.0

ISCJB 09 12:39:14.0, 1.4, 2058N, 003.1201E, h0.04, h15km, 9km, mb4.7/44, MS4.4/3, Error ellipse: s-maj=6.7km s-min=4.6km az=80.8

NEIC 09 12:39:14.0, 0.2, 2049N, 120.04E, h10km, mb4.8/18, Error ellipse: s-maj=7.0km s-min=4.9km az=88.0
JMA 09 12:39:15.6, 0.4, 2055N, 120.65E, h0km, Mb4.7
MOS 09 12:39:16.6, 1.2, 2052N, 120.00E, h33km, mb5.2/11, Error ellipse: s-maj=13.8km s-min=7.8km az=122.2

BJJ 09 12:39:21.7, 2123N, 119.44E, h5km, mb4.8, mb4.4, ML3.9, Ms4.6, Ms4.5

ISC 09 12:39:15.4, 1.6, 2059N, 003.12010E, h14km, 10km, n108, 1907/123, mb4.7/43, MS4.4/3, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NACB Ninganchiao, YHNB Yeheng, GYA Guiyang, etc.

Table with columns: JOW, Kunigami, KMI, Kunming, KMI, Kunming, KMI, Kunming, etc. Includes station names like Kunigami, Kunming, Kunming, Kunming, etc.

WMO comp=Z, 17nm, 0.9s, mb5.0
WMO comp=Z, 148nm, 4.2s
WMO comp=E, 848nm, 13.9s, MS4.9
WMO comp=Z, 11m, 18.8s, MS4.6
FITZ Fitzroy Crossi 38.84 172 P P 12 46 38.8 -1.2
FITZ Fitzroy Crossi 38.84 172 P P 12 46 38.6 -1.4

MKAR Makanchi Array 40.30 319 P P 12 46 52.6 +0.4
WRA Warrungarra Arr 42.63 160 P P 12 47 10.0 -1.3
WRA comp=Z, 2.0nm, 0.7s, mb5.1, baz=342, slow=9.1, SNR=27.5

WRA comp=Z, 2.2nm, 1.0s, baz=343, slow=11.6, SNR=31.1
WB2 Warrungarra Arr 42.73 160 P P 12 47 10.0 -1.3
ZAL Zalesovo 42.67 330 P P 12 47 12.6 +0.2

NVS Novosibirsk 44.04 330 / P P 12 47 22.5 -0.2
NVS comp=Z, 34nm, 1.9s, mb4.8
NVS comp=N, 12nm, 1.4s pmax pmax

AS31 Alice Springs 46.00 162 eP P 12 47 38.0 -0.3
ASPA Alice Springs 46.00 162 eP P 12 47 38.1 -0.2
ASAR Alice Springs 46.00 162 eP P 12 47 37.6 -0.7

ASAR comp=E, 12nm, 0.9s, mb4.8, baz=335, slow=6.9, SNR=20
CTA Charters Tower 47.85 146 eP P 12 47 53.0 +0.2
CTA comp=E, 22nm, 1.0s, mb5.5

CTA Charters Tower 47.85 146 P P 12 47 53.6 +0.9
CTA Charters Tower 47.85 146 eP P 12 47 53.0 +0.2
CTA comp=Z, 22nm, 1.0s

CTAO Charters Tower 47.85 146 eP P 12 47 53.3 +0.5
CTAO comp=Z, 41nm, 1.1s, mb5.4
CTAO Charters Tower 47.85 146 eP P 12 47 53.3 +0.6

HNR Honiara 49.25 123 LR LR 13 04 59.0
BVAR Borovoye Array 49.86 323 P P 12 49 08.6 +0.4
BVAR comp=Z, 4.3nm, 0.6s, mb4.7, baz=108, slow=8.8, SNR=19

CHZK Chkalovo 49.97 324 eP P 12 49 08.8 -0.2
CHZK comp=Z, 8.0nm, 0.9s, mb4.8
CHZK Chkalovo 49.97 324 eP P 12 49 08.8 -0.2

STKA Stephens Creek 56.09 158 eP P 12 48 53.9 -0.2
STKA comp=Z, 4.4nm, 0.6s, mb4.7
STKA Stephens Creek 56.09 158 P P 12 48 53.8 -0.3

STKA Stephens Creek 56.09 158 eP P 12 48 54.3 +0.2
AKTK Aktyubinsk 56.68 317 P P 12 48 58.8 +0.5
AKTO Aktyubinsk 56.68 317 P P 12 48 58.8 +0.5

Table with columns: ARU, Arti, ARU, Arti, MALT, Malatya, MALT, Malatya, etc. Includes station names like Arti, Malatya, Malatya, Malatya, etc.

CSEM 09 12:46:23.0, 4083N, 44.54E, h9km, mb3.7, Error ellipse: s-maj=99.9km s-min=13.1km az=39.0, After OBN
MOS 09 12:46:23.0, 0.8, 4083N, 44.54E, h9km, mb3.7/1, Error ellipse: s-maj=99.9km s-min=13.1km az=93.9, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MTA Mtatsminda, DGRG David-gareji, DGRG Delisi, etc.

IDC 09 12:48:55.9, 3.3, 2090N, 120.91E, h0km, mb3.6/4, mb1.3/8, mb1mx3.5/19, mbtmp3.6/4, Error ellipse: s-maj=289.1km s-min=21.8km az=61.0, Philippine Islands region

Code Station Name Az Az' Phase ID Time Res
MKAR Makanchi Array 40.57 319 P P 12 56 37.1 0.0
WRA Warrungarra Arr 42.67 161 P P 12 56 54.4 +0.1

WB2 Warrungarra Arr 42.67 161 eP P 12 56 54.5 +0.9
ASAR Alice Springs 46.07 163 P P 12 57 21.8 +0.3
BVAR Borovoye Array 50.08 323 P P 12 57 52.3 -0.2

CSEM 09 12:49:34.5, 4082N, 44.55E, h6km, mb3.9, Error ellipse: s-maj=71.2km s-min=10.2km az=48.0, After OBN
MOS 09 12:49:34.5, 2.8, 4082N, 44.55E, h6km, mb3.9/1, Error ellipse: s-maj=71.2km s-min=10.2km az=94.8, Turkey-Georgia-Armenia border region

Code Station Name Az Az' Phase ID Time Res
DGRG David-gareji 0.89 44 P P 12 50 03.6 +1.2
DGRG David-gareji 0.89 44 P P 12 50 24.3 +2.1

MTA Mtatsminda 0.89 12 S Sg 12 49 57.7 +5.7
MTA Mtatsminda 0.89 12 S Sg 12 50 13.0 +1.0
TBLG Delisi 0.92 9 P P 12 49 57.7 +5.5

TBLG Delisi 0.92 9 eP P 12 49 57.7 +5.5
ZEI Tsey 2.01 346 eP Pn 12 50 08.2 -0.7
LACR Lac 2.01 355 eP Pn 12 50 09.3 +0.3

DIGR Digorskoe uzhe 2.20 341 eP Pn 12 50 09.9 -2.1
SNJR Sundja 2.25 5 eP Pn 12 50 13.9 +1.6
ARNR Ardon 2.38 355 eS Pn 12 50 13.9 -0.1

ARNR Ardon 2.38 355 eS Pn 12 50 42.9 -0.5
KIV Kislovodsk 3.42 337 eP Pn 12 50 33.6 +5.2

IDC 09 12:54:02.2, 4.1, 2144N, 121.56E, h0km, mb3.5/3, mb1.3/7, mb1mx3.5/18, mbtmp3.5/3, Error ellipse: s-maj=310.1km s-min=28.8km az=60.0, Taiwan region

Code Station Name Az Az' Phase ID Time Res
MKAR Makanchi Array 40.57 319 P P 13 01 43.3 0.0
WRA Warrungarra Arr 42.98 162 P P 13 02 03.0 -0.1

WB2 Warrungarra Arr 42.98 162 eP P 13 02 03.4 +0.3

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like FORT Forrest, WMQ Urumqi, WSAR Wadi Sarin, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like CHKZ Bodaibo, AKTK Alyubinsk, AKTO Aktjubinsk, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like TTTG Brajaci-Budva, BUM Brajaci-Budva, NIKSY Niksic, etc.

Table of astronomical observations for 9d 14h, listing station names, coordinates, and observation details.

Main table of astronomical observations for 2006 OCT, listing station names, coordinates, and observation details.

Table of astronomical observations for 2006 OCT, listing station names, coordinates, and observation details.

NIED 09 14:03:00, 4660N-15320E, h11km, Mw4.1 Best double couple: M1.45000-1015 N1.13249, 000000; 866.000000, 1.08.000000; NP2:31.000000; 829.000000; 1.56.000000.
IDC 09 14:03:41.1±1.1, 4679N, 15299E, h0km, mb3.9/7, mb1.4/1.8, mb1mx3.9/20, mbtm4.0/8, ML3.6/1, Error ellipse: s-maj=31.9km s-min=25.3km az=164.0
ISC/JB 09 14:03:42.9±2.7, 4679N, 1528E, 0.1, h26km, 19km, mb4.0/8, Error ellipse: s-maj=22.8km s-min=7.2km az=98.3
MOS 09 14:03:44.3±0.8, 4682N, 15275E, h33km, mb4.5/4, Error ellipse: s-maj=17.6km s-min=11.9km az=55.7
NEIC 09 14:03:45.5±0.0, 4677N, 15293E, h29km, 21km, mb4.3/2, Error ellipse: s-maj=17.4km s-min=9.6km az=138.0
ISC 09 14:03:46.9±1.2, 4681N, 1528E, 0.1, h42km, 10km, n21, 0.096/24, mb4.0/8, 1C-1D, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ANN, OBN, JOF, JOC, AKASG, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TOR, JCT, CCM, DBIC, CPUP, LPZA.

ICD 09 15:23:14.2±1.8, 441N-12711E, h0km, mb3.6/5, mb1 3.7/5, mb1mx3.6/1.7, mbtmp3.6/5, Error ellipse: s-maj=99.7km s-min=23.2km az=89.0, Talaud Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FITZ, WRA, ASAR, STKA, MKAR.

CSEM 09 15:30:50.1, 3704N-426E, h0km, ML2.6, After ALG CRAAG 09 15:30:50.1, 3704N-426E, ML2.6

ISCBJ 09 15:30:53.6±1.1, 3703N-005-42E±0.1, h10km, Error ellipse: s-maj=12.8km s-min=6.5km az=152.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKFM, ABA, AKET, ADJB, ETOS, EIBI, etc.

MOS 09 15:45:06.2±0.3, 4291N-4534E, h23km, mb3.6/4, Error ellipse: s-maj=37.7km s-min=19.6km az=13.1, Eastern Caucasus

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VLKR, LACR, TRKR, KORR, ZEI, DIGR.

ICD 09 15:45:31.2±1.3, 2035N-11991E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.6/1.7, mbtmp3.6/4, Error ellipse: s-maj=46.0km s-min=24.3km az=77.0, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MJAR, MKAR, WRA, ASAR.

NEIC 09 15:53:21.0, 1754N-10132W, h49km, MD3.6(MEX), After MEX.

MEX 09 15:53:22.9±1.1, 1767N-10119W, h20km±28km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZIIG, CAIG, MEIG, PLIG, IIO.

NEIC 09 15:55:11.9, 1667N-9920W, h16km, MD3.5(MEX), After MEX.

MEX 09 15:55:12.0±0.9, 1666N-9921W, h16km±11km, MD3.5, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ACX, PNIG, CAIG, MEIG, PLIG.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PLIG, UTMO, ISCBJ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GUMO, MJAR, MAJO, WAT, FITZ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR, ASPA, DZM, STKA, SOMN, MUUN, MKAR, YKA, NVAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ISCBJ, NEIC, PRU, CSEM, IPEC, MOS, WAR, etc.

ICD 09 16:20:28.5±0.4, 5029N-003-1891E±0.03, h0km, n49, ±18/72, 8C-5D, Poland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RAC, OJC, Ostrava-Krasne, OKC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OKC, MORC, NIE, JAVC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DPC, OKC, MORC, NIE, JAVC, etc.

ICD 09 16:20:27.3±0.4, 5031N-003-1889E±0.03, h0km, Error ellipse: s-maj=4.6km s-min=2.3km az=27.1

NEIC 09 16:20:29.3±0.8, 5029N-003-1886E±0.03, h5km, ML2.7(BUC), Error ellipse: s-maj=14.2km s-min=4.9km az=193.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KWP, KOLS, UZH, PRU, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BRG, KHC, GERES, etc.

ICD 09 16:33:57.3±6.4, 3670N-7123E, h48km±60km, mb3.5/7, mb1 3.8/11, mb1mx3.6/2.3, mbtmp3.9/11, ML3.9/3, Error ellipse: s-maj=20.2km s-min=20.2km az=22.0

MOS 09 16:33:57.3±1.1, 3680N-71.1E, h63km, mb3.8/1, Error ellipse: s-maj=21.9km s-min=9.3km az=87.4

BUJ 09 16:33:58.6, 3641N-71.39E, h161km, mb4.2, ML3.7, Ms3.5

NEIC 09 16:33:59.1±3.0, 3681N-71.18E, h63km±24km, mb4.2/1, Error ellipse: s-maj=25.2km s-min=13.3km az=205.0

ISCBJ 09 16:34:00.5±0.7, 3687N-003-7135E±0.08, h93km, mb3.7/10, Error ellipse: s-maj=10.3km s-min=4.6km

ICD 09 16:34:01.9±0.6, 3686N-003-7134E±0.08, h93km, mb3.8/10, n53, ±152/64, mb3.7/10, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CEP, CHIR, THW, KSH, etc.

ICD 09 16:34:01.9±0.6, 3686N-003-7134E±0.08, h93km, mb3.8/10, n53, ±152/64, mb3.7/10, Afghanistan-Tajikistan border region

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AAK, KK31, KK31, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ULHL, CHMS, USP, etc.

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SONGIO Array, JOF Joensuu, FINES FINES Array B, etc.

ISCJB 09 16:51:24.2, 0.6, 16045.010, 1728W, 0.1, h10km, mb4.3/8, MS4.0/7, Error ellipse: s-maj=22.7km s-min=7.8km az=63.9

IDC 09 16:51:24.9, 1.1, 16235.17272W, h0km, mb4.2/7, mb1 4.4/7, mb1mx4.2/16, mbtmp4.2/7, MS4.0/7, Ms1 4.0/7, ms1mx3.5/26, Error ellipse: s-maj=36.2km s-min=24.9km az=119.0

NEIC 09 16:51:26.1, 0.6, 16015.17274W, h10km, mb4.6/2, Error ellipse: s-maj=23.5km s-min=11.9km az=125.0

ISC 09 17:03:50.0, 907N, 12606E, h59km, mb2.9, ML4.3, MS3.0, 2D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AFI Afiamalu, AFI Urewera, HNR Honiara, etc.

IDC 09 16:58:19.3, 7.1, 30755.17845W, h0km, mb3.5/2, mb1 3.7/2, mb1mx3.6/11, mbtmp3.5/2, Error ellipse: s-maj=286.1km s-min=61.7km az=156.0, Kermadec Islands

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

MAN 09 17:03:50.0, 907N, 12606E, h59km, mb2.9, ML4.3, MS3.0, 2D, Mindanao

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

LDG 09 17:15:31.6, 0.2, 18065.16728E, h10km, Mb4.3/2, Error ellipse: s-maj=25.3km s-min=3.2km az=94.0

ISCJB 09 17:15:32.7, 1.4, 18435.006, 1680E, 0.2, h33km, mb4.1/7, MS3.6/8, Error ellipse: s-maj=26.3km s-min=7.9km az=92.0

IDC 09 17:15:32.9, 0.9, 18375.16834E, h32km, mb4.0/7, mb1 4.2/9, mb1mx4.0/16, mbtmp4.3/9, ML4.4/2, MS3.5/11, Ms1 3.5/11, ms1mx3.4/23, Error ellipse: s-maj=50.4km s-min=28.6km az=101.0

NEIC 09 17:15:32.4, 5.1, 18345.16833E, h31km, mb3.3km, mb4.3/3, Error ellipse: s-maj=26.3km s-min=14.4km az=92.0

ISC 09 17:15:34.0, 1.5, 18435.006, 1680E, 0.2, h33km, mb4.1/7, 088/17, mb4.1/7, MS3.6/8, 5, Vanuatu Islands

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

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

MAN 09 17:16:33.6, 1481N, 11947E, h13km, mb3.4, ML4.6, MS8.3, ISCJB 09 17:16:35.3, 0.9, 1477N, 004, 11947E, h39km, 10km, mb3.7/8, Error ellipse: s-maj=11.3km s-min=6.1km az=169.1

IDC 09 17:16:40.2, 5.1, 1471N, 1162E, h72km, 52km, mb3.5/7, mb1 3.6/7, mb1mx3.4/19, mbtmp3.8/7, Error ellipse: s-maj=90.1km s-min=18.5km az=6.0

NEIC 09 17:16:40.8, 1.1, 1477N, 11947E, h78km, 11km, mb3.8/1, Error ellipse: s-maj=16.2km s-min=9.4km az=75.0

ISC 09 17:16:36.3, 2.1, 1478N, 004, 11949E, 005, h33km, 17km, n37, r16139, mb3.7/8, 4C, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SCZP Santa Cruz, LUBP Lubang, etc.

WRA Warramunga Arr 37.46 157 P 17 23 45.6 -1.3

ASAR Alice Springs 40.72 160 P 17 24 13.4 -0.7

ASAR Alice Springs 40.72 160 P 17 24 13.4 -0.7

ASAR Alice Springs 40.72 160 P 17 24 13.4 -0.7

ASAR Alice Springs 40.72 160 P 17 24 13.4 -0.7

ASAR Alice Springs 40.72 160 P 17 24 13.4 -0.7

NOA NORSAR Array B 85.77 332 P 17 29 25.9 +0.8

IDC 09 17:54:02.6, 1.5, 2054N, 11974E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.5/11, mbtmp3.6/4, MS3.3/1, Ms1 3.3/1, ms1mx2.2/3/3, Error ellipse: s-maj=165.0km s-min=22.2km az=66.0, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GUMO Guam, SONM Songoing Array, etc.

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

IDC 09 17:55:10.6, 1.4, 2039N, 11977E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.6/17, mbtmp3.6/4, Error ellipse: s-maj=140.7km s-min=21.1km az=66.0, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SONM Songoing Array, MKAR Makanchi Array, WRA Warramunga Arr, ASAR Alice Springs, etc.

WEL 09 17:56:47.9, 0.3, 3951S, 17732E, h33km, ML3.8/31, Error ellipse: s-maj=3.2km s-min=2.2km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KNZ Kokohu, PXZ Panuwani, BKZ Black Stump Fm, etc.

RSPR 09 17:58:03.2, 1933N, 6387W, h132km, 16km, MD3.7/7, MD3.7/7

NEIC 09 17:58:03.2, 1933N, 6387W, h132km, MD3.7(RSPR), After RSPR

TRN 09 17:58.00.1, 1942N, 6370W, h106km, 4C-3D, Leeward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MTP Monte Pirata, CBYP Canovanas, HUMP Col San Antoni, etc.

CASC 09 18:02:28.0, 1.2, 1032N, 8635W, h16km, 9km, MD3.8, ML2.6, 2C, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VCR Vista de Mar, CRZC La Cruz, JCR Jicaral, etc.

IGQ 09 18:07:41.2, 144S, 8115W, h10km, 17km, Mb4.2, Ms4.0, 2C-2D, Error ellipse: s-maj=16.7km s-min=6.5km az=167.2, Off coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IGUA Iguatala, JUUV Juive, ARRY Arrayan, etc.

BUJ 09 18:19:31.1, 5092S, 2889E, h4km, mb5.9, mb5.2, Ms5.8, Ms2.4

IDC 09 18:32:2.0, 4.0, 5098S, 2907E, h0km, mb5.3/20, mb1 5.4/21, mb1mx5.4/22, mbtmp5.3/21, ML6.0/1, MS5.2/22, Ms1 5.2/22, ms1mx5.2/22, Error ellipse: s-maj=13.6km s-min=1.5km az=71.0

ISCJB 09 18:32:52.0, 1.0, 2889E, 003, 2899E, 0.8, h10km, mb5.4/60, MS5.3/161, Error ellipse: s-maj=7.5km s-min=4.4km az=160.7

NEIC 09 18:33:7.0, 1.5, 5103S, 2902E, h10km, mb5.5/42, MS5.3/139, MW5.7, Error ellipse: s-maj=7.9km s-min=6.3km az=69.0, Moment Tensor Solution. s13

Moment tensor: Scale 10^17Nm; Mr=2.98; Mw=1.40; Mw=1.58; Mw=0.06; Mw=0.21; Mw=1.94; Best double couple: Ms3.80000x10^17 Np1.9x22.00000; s60.00000; 7.115.00000; Np2.9x245.00000; s38.00000; 7.54.00000; Principal axes: T: 3.7900, Plg12.0000; Azm130.0000; N: 0.0000, Plg21.0000; Azm35.0000; P: 3.8100, Plg65.0000; Azm248.0000;

MOS 09 18:33:1.3, 1.5, 5100S, 2906E, h10km, mb5.6/25, MS5.3/14, Error ellipse: s-maj=21.6km s-min=9.7km az=90.8

GCMT 09 18:33:7.0, 1.5, 5109S, 2885E, h12km, MW5.8/92, Moment Tensor Solution. s15; s2; s22; Duration: 1s8; Moment tensor: Scale 10^17Nm; Mr=3.61; Ms=1.05; Mw=2.65; Mw=1.65; Mw=0.6; Mw=1.84; Mw=2.59; Mw=0.31; Mw=1.15; Best double couple: Ms3.23900x10^17 Np1.9x59.00000; s36.00000; 7.109.00000; Np2.9x261.00000; s36.00000; 7.17.00000; Principal axes: T: 6.4670, Plg10.0000; Azm342.0000; N: 2.4560, Plg11.0000; Azm74.0000; P: 3.8100, Plg65.0000;

9d 18h

Table with columns for station name, frequency, power, and signal strength. Includes stations like ANN Anapa, LMR La Moure, VRI Rionciosa, etc.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like FRU Bishkek, DPC Dobruska-Polom, MANZ Manzenberg, etc.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like KONO Kongsberg, HFS Hagfors, PPT Papeete, etc.

Table with columns: Call sign, Frequency, Power, Mode, and other technical details. Includes entries like MDJ Muanjiang, MDJ Muanjiang, MDJ Muanjiang, etc.

Table with columns: Call sign, Frequency, Power, Mode, and other technical details. Includes entries like MA2 Magadan, MA2 Magadan, MA2 Magadan, etc.

Table with columns: Call sign, Frequency, Power, Mode, and other technical details. Includes entries like PAHR Missoula, PAHR Missoula, PAHR Missoula, etc.

ISCJB 09 18:23:52.7.1.8.459S:007:14432E:009,h95km,18km, mb4.2/13, Error ellipse: s-maj=14.2km s-min=12.2km az=17.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Montbardon, Toule Ste Croi, Oris-en-Rattie, etc.

WEL 09 20:02:15.4±1.2, 3588S-17958E, h33km, ML3.7/4, Error ellipse: s-maj=15.1km s-min=9.3km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Matakaoa Point, Puketiti, Matawai, etc.

ISCJB 09 20:08:05.4±0.5, 3830N-002-786W-003, h6km, 4km, Error ellipse: s-maj=4.1km s-min=3.1km az=3.6

MDD 09 20:08:07.3±0.3, 3825N-797W, h11km, mblq2.3/14, Error ellipse: s-maj=4.0km s-min=2.1km az=61.0, PRXIMO

INMG 09 20:08:07.1±1.2, 3827N-793W, h2km, 4km, ML2.2, Error ellipse: s-maj=2.0km s-min=1.5km az=69.0

IGIL 09 20:08:09.1, 3827N-802W, h11km, ML2.2

ISC 09 20:08:06.2±0.4, 3828N-002-792W-003, h8km, 4km, n27, #073/49, 1C, Portugal

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Beja, Montemor, Estremoz, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Manteigas, Espera, Viseu, etc.

MOS 09 20:14:41.1±1.0, 4976N-15792E, h5km, mb4.4/1, Error ellipse: s-maj=57.8km s-min=18.3km az=84.5

KRSC 09 20:14:41, 4976N-15792E, h5km, ML4.1, East of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Severo-Kuril's, Russkaya, Goretly, etc.

CSEM 09 20:25:25.3, 4342N-4590E, h27km, mb4.0, After OBN

MOS 09 20:25:25.3±1.2, 4342N-4590E, h27km, mb4.0/1, 2C, Error ellipse: s-maj=12.9km s-min=8.2km az=18.7, Eastern Caucasus

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Dylm, Dubki, Terskaya, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Shillong, Nakhon Sawan, Gumba, etc.

ISCJB 09 20:26:49.5±0.5, 3326N-002-11606W-002, h11km, 5km, Error ellipse: s-maj=4.0km s-min=3.2km az=13.9

NEIC 09 20:26:50.9, 3326N-11607W, h8km, ML3.9(PAS), After PAS

NEIC Felt [III] at Campo and Thermal; [II] at Palm Springs, San Diego and Santee. Felt at Borrego Springs, Cerritos, Chula Vista, El Centro, Escondido, Fallbrook, Hemet, etc.

ISC 09 20:26:49.8±0.3, 3328N-002-11606W-002, h7km, 3km, n53, #092/68, 18C-25D, Southern California

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Sam W. Stewart, Pinyon Flat Ob, Monument Peak, etc.

WRA Warramunga Arr 44.92 261 P 22 35 06.4 -0.3
AKASG Malin Array Be 142.58 332 PKP 22 46 10.0 -0.7

ISCJB 09 22:41:26.9.5.3, 2836N, 008.1435E, 02, h15km, 38km, mb3.8/5, Error ellipse: s-maj=26.3km s-min=12.7km az=25.9
IDC 09 22:41:26.6.1.9, 2835N, 14355E, h0km, mb3.7/5, mb1 3.9/6, mb1mx3.7/19, mbtmp3.7/6, ML3, 6/1, Error ellipse: s-maj=55.9km s-min=21.0km az=76.0

Code Station Name A° AZ° Phase ID Time Res h m s ISC
CBIJ Chichi jima 1.61 221 Op P 22 41 58.0 +0.6
CBIJ 73nm, 0.3s, baz=282, slow=23, SNR=10 Sn 22 42 17.3 -0.6
MJAR Matsushiro Arr 9.23 333 Pn Pn 22 43 41.7 -1.2

ATH 09 23:07:37.2, 3907N, 2337E, h21km, MD3.1/12, ML3.2
NEIC 09 23:07:37.2, 3907N, 2337E, h21km, ML3.2(ATH), After ATH

ISCJB 09 23:07:37.1.0.5, 3907N, 002.2336E, 003, h9km, 3km, Error ellipse: s-maj=4.0km s-min=2.7km az=156.1
CSEM 09 23:07:38.5.0.1, 3906N, 2334E, h20km, ML2.7, Error ellipse: s-maj=2.7km s-min=1.8km az=83.0

Code Station Name A° AZ° Phase ID Time Res h m s ISC
XOR Xorichti 0.33 337 eP P 23 07 44.9 +0.6
XOR 23 07 49.4 +0.8
AOS Alonnissos 0.42 76 eP P 23 07 46.3 +0.3

IDC 09 23:17:16.9.0.8, 2068N, 12006E, h0km, mb3.7/8, mb1 3.9/8, mb1mx3.8/19, mbtmp3.7/8, MS3.1/1, Ms1 3.1/1, ms1mx2.6/30, Error ellipse: s-maj=39.9km s-min=16.8km az=67.0

NEIC 09 23:17:18.2.0.5, 2063N, 11997E, h10km, mb4.3/3, Error ellipse: s-maj=14.7km s-min=8.9km az=78.0
MOS 09 23:17:19.6.1.2, 2069N, 12003E, h33km, mb4.5/3, Error ellipse: s-maj=33.5km s-min=15.3km az=119.4

Code Station Name A° AZ° Phase ID Time Res h m s ISC
NACB Ninganchiao 3.66 21 eP Pn 23 18 12.2 +0.1
NACB 23 18 59.0 +0.7
YHNB Yeheng 4.07 16 eP Pn 23 19 10.5 +0.6

QZH comp=N,70nm,0.6s Smax
JOW comp=E,110nm,0.8s LR
Kutigami 9.58 49 LR 23 23 53.8
MJAR Matsushiro Arr 22.27 41 P 23 22 17.1 +0.7

CSEM 09 23:17:40.2, 6784N, 2020E, h0km, ML2.9, Mining explosion, After UPP
UPP 09 23:17:40.2, 6784N, 2020E, h0km, ML2.9, Mining explosion

Code Station Name A° AZ° Phase ID Time Res h m s ISC
KUA Kurravaara 0.13 23 Op P 23 17 44.8 -0.2
NIKU Nikkaluokta 0.44 275 iP P 23 17 48.7 -0.6

CSEM 09 23:20:23.3, 6785N, 2020E, h1km, ML3.2, Mining explosion, After UPP
UPP 09 23:20:23.3, 6785N, 2020E, h1km, ML3.2, Mining explosion

Code Station Name A° AZ° Phase ID Time Res h m s ISC
KUA Kurravaara 0.12 28 iP P 23 20 25.7 -0.3
NIKU Nikkaluokta 0.44 273 iP P 23 20 27.3 -0.2

ISCJB 09 23:22:02.7.0.3, 2857S, 006.1249W, 008, h10km, mb4.2/28, MS3.8/18, Error ellipse: s-maj=10.6km s-min=7.8km az=58.9
IDC 09 23:22:02.9.0.7, 2852S, 1256W, h0km, mb4.0/14, mb1 4.0/14, mb1mx3.9/24, mbtmp4.0/14, MS3.8/15, MS1 3.8/15, ms1mx3.6/27, Error ellipse: s-maj=21.5km s-min=15.7km az=141.0

NEIC 09 23:22:04.6.0.3, 2857S, 1248W, h10km, mb4.5/14, MS3.9/1, Error ellipse: s-maj=8.7km s-min=6.7km az=120.0

ISC 09 23:22:03.9.8.1, 2856S, 008.1246W, 008, h6km, 51km, n63, c072/52, mb4.2/28, MS3.8/18, Southern Mid-Atlantic Ridge

Code Station Name A° AZ° Phase ID Time Res h m s ISC
TRIS Tristan da Cun 8.48 179 Pn Pn 23 24 08.8 +1.4
TSUM Tsumeb 28.94 78 LR LR 23 37 30.8

LPAZ La Paz 52.49 271 eP P 23 31 17.2 -0.5
KMBO Kilima Bogoro 54.69 69 LR LR 23 52 53.6
MDT Midlet 61.49 8 LR LR 23 55 35.3

Code Station Name A° AZ° Phase ID Time Res h m s ISC
KUA Kurravaara 0.13 23 Op P 23 17 44.8 -0.2
NIKU Nikkaluokta 0.44 275 iP P 23 17 48.7 -0.6

CSEM 09 23:20:23.3, 6785N, 2020E, h1km, ML3.2, Mining explosion, After UPP
UPP 09 23:20:23.3, 6785N, 2020E, h1km, ML3.2, Mining explosion

Code Station Name A° AZ° Phase ID Time Res h m s ISC
KUA Kurravaara 0.12 28 iP P 23 20 25.7 -0.3
NIKU Nikkaluokta 0.44 273 iP P 23 20 27.3 -0.2

ISCJB 09 23:22:02.7.0.3, 2857S, 006.1249W, 008, h10km, mb4.2/28, MS3.8/18, Error ellipse: s-maj=10.6km s-min=7.8km az=58.9
IDC 09 23:22:02.9.0.7, 2852S, 1256W, h0km, mb4.0/14, mb1 4.0/14, mb1mx3.9/24, mbtmp4.0/14, MS3.8/15, MS1 3.8/15, ms1mx3.6/27, Error ellipse: s-maj=21.5km s-min=15.7km az=141.0

NEIC 09 23:22:04.6.0.3, 2857S, 1248W, h10km, mb4.5/14, MS3.9/1, Error ellipse: s-maj=8.7km s-min=6.7km az=120.0

ISC 09 23:22:03.9.8.1, 2856S, 008.1246W, 008, h6km, 51km, n63, c072/52, mb4.2/28, MS3.8/18, Southern Mid-Atlantic Ridge

Code Station Name A° AZ° Phase ID Time Res h m s ISC
TRIS Tristan da Cun 8.48 179 Pn Pn 23 24 08.8 +1.4
TSUM Tsumeb 28.94 78 LR LR 23 37 30.8

ISC 09 23:25.3.1.5, 799S, 003.10787E, 009, h45km, 14km, n35, c193/38, mb4.3/21, MS3.8/3, Jawa

IDC 09 23:38:17.4.1.0, 779S, 10807E, h0km, mb4.1/10, mb1 4.1/11, mb1mx3.9/21, mbtmp4.0/11, ML3.7/1, Error ellipse: s-maj=19.5km s-min=15.3km az=45.0
MB3 4/3/21, MS3.8/3, Error ellipse: s-maj=16.7km s-min=9.3km az=90.1

NEIC 09 23:25.3.1.6, 781S, 10793E, h49km, 16km, mb4.1/7, Error ellipse: s-maj=15.4km s-min=8.1km az=224.0
NEIC Felt (III) at Pangandaran and III at Banjar and Tasikmalaya.

BUI 09 23:38:25.2, 780S, 10790E, h49km, mB5.1, mb4.7, Ms4.7, Ms2.4

Code Station Name A° AZ° Phase ID Time Res h m s ISC
COCO West Island 11.63 248 Op P 23 41 10.3 +1.6
KULM Kulim 15.03 331 Pn Pn 23 41 54.5 -0.1

IDC 09 23:17:16.9.0.8, 2068N, 12006E, h0km, mb3.7/8, mb1 3.9/8, mb1mx3.8/19, mbtmp3.7/8, MS3.1/1, Ms1 3.1/1, ms1mx2.6/30, Error ellipse: s-maj=39.9km s-min=16.8km az=67.0

NEIC 09 23:17:18.2.0.5, 2063N, 11997E, h10km, mb4.3/3, Error ellipse: s-maj=14.7km s-min=8.9km az=78.0
MOS 09 23:17:19.6.1.2, 2069N, 12003E, h33km, mb4.5/3, Error ellipse: s-maj=33.5km s-min=15.3km az=119.4

ISCJB 09 23:17:21.4.2.3, 2072N, 008.1201E, 0.1, h50km, 22km, mb3.9/11, Error ellipse: s-maj=20.3km s-min=11.1km az=117.2

ISC 09 23:17:24.0.2.1, 2074N, 009.1202E, 0.1, h55km, 21km, n23, c072/24, mb3.8/11, Philippine Islands region

Code Station Name A° AZ° Phase ID Time Res h m s ISC
NACB Ninganchiao 3.66 21 eP Pn 23 18 12.2 +0.1
NACB 23 18 59.0 +0.7
YHNB Yeheng 4.07 16 eP Pn 23 19 10.5 +0.6

9d 23h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, WMQ Urumqi, WSAR Wadi Sarin, etc.

SKO 09 23:44:29.4, 3893N-2034E, h0km
IDC 09 23:44:30.1, 1.5, 3901N-2057E, h0km, mb3.3/6, mb1 3.4/7,
mb1mx3.4/22, mbtmp3.4/7, ML3.4/1, MS4.0/1, MS1 4.0/1,
ms1mx2.4/21, Error ellipse: s-maj=33.3km s-min=21.8km
az=95.0
NEIC 09 23:44:30.7, 3897N-2057E, h5km, ML3.7(ATH), After
ATH
ATH 09 23:44:30.6, 3897N-2057E, h5km, 1km, MD3.6/12, ML3.7
ISCJB 09 23:44:31.4, 0.3, 3896N-002-2050E-003, h10km, mb3.4/6,
Error ellipse: s-maj=2.9km s-min=2.7km az=102.8
THE 09 23:44:31.9, 3898N-2051E, h10km, ML3.4
CSEM 09 23:44:31.5, 0.1, 3904N-2058E, h2km, ML3.4, Error
ellipse: s-maj=2.0km s-min=1.6km az=53.0
ISC 09 23:44:32.5, 0.3, 3898N-002-2052E-003, h10km, n84,
r134/111, mb3.4/6, 8C-3D, Greece

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations and their associated data.

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Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations and their associated data.

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Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations and their associated data.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like CHKZ, BVAR, BRVK, etc.

NIED 10 00:00:20.00, 2080N, 12030E, h11km, Mw4.6 Best double couple: Mo=9.53000e+10, NP1=308.00000e+6, b69.00000e+1, -94.00000e+1, NP2=139.00000e+6, s22.00000e+1, -80.00000e+1

IDC 10 00:00:46.7, 0.6, 2060N, 120.14E, h0km, mb4.5/18, mb1.4/7.18, mb1mx4.6/21, mbtpm4.5/18, MS3.8/8, Ms1.3/8.8, ms1mx3.4/22, Error ellipse: s-maj=25.0km s-min=13.6km az=70.0

MAN 10 00:00:48.9, 2066N, 11982E, h45km, mb4.2, ML5.1, MS9.4 ISCJB 10 00:00:49.9, 0.2, 2056N, 12001E, 0.04, h26km, mb4.8/4, MS3.9/15, Error ellipse: s-maj=5.0km s-min=4.0km az=154.7

GCMT 10 00:00:51.3, 0.7, 2068N, 11988E, h20km, 1km, MW4.8/45, Moment Tensor Solution: Mo=1.0e+10, s45.055, Duration: 0 Moment tensor: Sca1e 1016Nm, Mr=1.72e+18, Mw=0.55e+11, Mww1.17e+12, Mw0.12e+23, Mww0.53e+06, Mw0.61e+21, Best double couple: Mo1.70400e+10, NP1=321.00000e+6, s38.00000e+1, -107.00000e+1, NP2=162.00000e+6, s54.00000e+1, -77.00000e+1, Principal axes: T 1.5420, Plg9.0000e+0, Azm243.0000e+0, N 0.3270, Plg10.0000e+0, Azm334.0000e+0, P -1.8660, Plg77.0000e+0, Azm114.0000e+0, nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s

MOS 10 00:00:51.0, 0.9, 2057N, 12002E, h33km, mb5.1/43 Error ellipse: s-maj=11.4km s-min=5.0km az=118.7

NEIC 10 00:00:51.3, 0.2, 2059N, 12010E, mb4.9/50, Error ellipse: s-maj=6.1km s-min=4.6km az=71.0

SZGRF 10 00:00:53.3, 2093N, 12032E, h28km, mb5.0, Philippine Islands region

ISC 10 00:00:51.8, 0.2, 2060N, 12005E, 0.04, h28km, h28km, 1.1km, PP-P, n244, s097/261, mb4.8/4, MS3.9/15, 43C-SD, Philippine Islands region

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Lists numerous stations like NACB, BOLP, YHNB, etc.

Main table with columns: Station Name, Time, Res, and other parameters. Lists stations like Chengdu, Lanzhou, Baotou, etc.

Main table with columns: Station Name, Time, Res, and other parameters. Lists stations like LSA, HAILAR, HONGMIAO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Urewera, Stephens Creek, Warramunga Arr, etc.

ISC 10 03:12:31.6:1.0, 5579S:12240W, h0km, mb4.0/7, mb1 4.1/7, mb1mx4.1/13, mbtmp4.0/7, MS4.1/16, MS1 4.1/16, ms1mx3.9/26, Error ellipse: s-maj=38.6km s-min=24.2km az=151.0

ISCJB 10 03:12:32.7:0.7, 5605S:02:1225W:02, h10km, mb4.3/12, MS4.1/16, Error ellipse: s-maj=28.3km s-min=14.2km az=119.6

NEIC 10 03:12:34.0:0.0, 5588S:12264W, h10km, mb4.7/6, Error ellipse: s-maj=32.2km s-min=16.3km az=151.0

ISC 10 03:12:34.4:0.7, 5605S:02:1226W:02, h10km, n30, c181215, mb4.3/12, MS4.1/16, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Palmer Station, Ustnua, Vanda, Rikitea, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Brasilia, Charters Tower, ASAR, etc.

ISCJB 10 03:13:16.2:0.4, 4936N:002:682E:003, h0km, Error ellipse: s-maj=3.3km s-min=2.6km az=89.5

LDG 10 03:13:17.9:0.1, 4938N:689E, h1km, MD2.6/1, M2.5/11, Suspected Midline induced.

NEIC 10 03:13:17.9:0.1, 4938N:689E, h1km, MD2.6(LDG), M2.2(STR), After LDG.

CSEM 10 03:13:17.7:0.1, 4938N:689E, h1km, M2.5/10, Error ellipse: s-maj=1.0km s-min=0.9km az=24.0

BGR 10 03:13:17.7:0.4, 4938N:687E, h1km, ML1.6/3, Error ellipse: s-maj=7.8km s-min=5.6km az=32.0

ISC 10 03:13:17.2:0.4, 4937N:002:684E:003, h0km, n36, c087166, Germany

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

ISC 10 03:12:31.6:1.0, 5579S:12240W, h0km, mb4.0/7, mb1 4.1/7, mb1mx4.1/13, mbtmp4.0/7, MS4.1/16, MS1 4.1/16, ms1mx3.9/26, Error ellipse: s-maj=38.6km s-min=24.2km az=151.0

ISCJB 10 03:12:32.7:0.7, 5605S:02:1225W:02, h10km, mb4.3/12, MS4.1/16, Error ellipse: s-maj=28.3km s-min=14.2km az=119.6

NEIC 10 03:12:34.0:0.0, 5588S:12264W, h10km, mb4.7/6, Error ellipse: s-maj=32.2km s-min=16.3km az=151.0

ISC 10 03:12:34.4:0.7, 5605S:02:1226W:02, h10km, n30, c181215, mb4.3/12, MS4.1/16, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like FIED, FAIF, BAIF, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Marble Bay, AS31, ASAR, etc.

PRE 10 03:25:22.1:1.4, 2120S:3307E, h5km, ML4.4, Mozambique

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

CSEM 10 03:32:12.0:0.3, 3148N:5105E, h20km, mb4.4/8, Error ellipse: s-maj=8.6km s-min=3.2km az=144.0

ISCJB 10 03:32:13.4:0.5, 3165N:005:5092E:005, h10km, mb4.1/18, MS3.3/1, Error ellipse: s-maj=7.4km s-min=5.8km az=122.0

NEIC 10 03:32:15.0:0.7, 3164N:5087E, h10km, mb4.3/11, MN3.7(7E), Error ellipse: s-maj=14.4km s-min=9.7km az=185.0

IDC 10 03:32:14.1:1.3, 3169N:5081E, h0km, mb3.9/9, mb1 4.0/13, mb1mx3.9/27, mbtmp3.9/13, ML3.8/4, MS2.9/4, Ms1 3.0/4, ms1mx2.8/36, Error ellipse: s-maj=27.3km s-min=19.4km az=175.0

MOS 10 03:32:15.7:1.2, 3149N:5078E, h33km, mb4.5/7, Error ellipse: s-maj=15.8km s-min=7.4km az=129.2

THR 10 03:32:15.1:0.4, 3178N:5108E, h14km, mb3.9km, ML3.8 TEH 10 03:32:19.1:1, 3183N:5102E, h21km, Mn3.7

ISC 10 03:32:16.3:1.1, 3182N:003:5097E:005, h11km, n30, c184894, mb4.1/18, MS3.3/1, 4C-40, Northern and central Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IZEF, NASN, SHGR, etc.

10d 8h

Table with columns for call sign, frequency, power, and other technical details. Includes stations like TBI Tubuai, DRV Taravao, TRQA Toruqist, etc.

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Table with columns for call sign, frequency, power, and other technical details. Includes stations like OTAV Otavalo, STKA Stephens Creek, BDFB Brasilia, etc.

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Table with columns for call sign, frequency, power, and other technical details. Includes stations like MWC Mount Wilson, LENM Lemitar, ANMO Albuquerque, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries like MCWV, JFWS Jewell Farm, MSO Missoula, LAO LASA Array, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries like BILIBINO, MDJ Mudanjiang, MDJ, KMI, SEY, CN2, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries like LDF, PYM, AGO, SMRF, VIVF, BGF, LMR, PLDF, FRF, AVF, CSLB, SMF, SSF, ORIF, etc.

10d 10h

comp=2.0,9nm,0.5s,baz=296,slow=1.7,SNR=8.3
LPAZ La Paz 150.07 85 ePKPbc PKPbc 09 37 06.8 +2.4

ISCJB 10 09:26:15.9:0.7, 3209S:009.1800W:0.43, h141km, 14km, mb3.5/3, Error ellipse: s-maj=40.1km s-min=6.5km az=35.4

IDC 10 09:26:17.4:0.9, 3197S:1796E, h366km, 14km, mb3.3/3, mb1.3/7, mb1mx3.4/15, mbtmp4.4/7, Error ellipse: s-maj=34.4km s-min=1.2km az=121.0

ISC 10 09:26:17.6:0.5, 3202S:009.1797E:0.2, h373km, 13km, n36.1/108/50, mb3.4/3, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like RAO, MXZ, PUK, etc.

CSEM 10 09:27:00.3, 5796N:1701E, h0km, ML2.6, Mining explosion, Atlix U. Mexico

NAO 10 09:27:02.9:1.2, 5823N:1704E, ML1.9
UPP 10 09:27:00.3, 5796N:1701E, h0km, ML2.6, Mining explosion, Baltic Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like NYNU, ESKU, BACU, etc.

NIED 10 09:33:00, 2880N:14270E, h5km, Mw4.4 Best double couple: 0.04, 0.9000x10^19, NP1:0.14, 0.0000x10^19, 0.84, 0.0000x10^19, 0.92, 0.0000x10^19, 0.82, 0.0000x10^19, 0.88, 0.0000x10^19

ISCJB 10 09:33:52.4:1.4, 2830S:01.1417E:0.5, h10km, mb4.2/7, Error ellipse: s-maj=67.3km s-min=9.0km az=148.5

IDC 10 09:33:53.8:1.6, 2855N:14148E, h0km, mb4.1/7, mb1.4/2.8, mb1mx4.0/20, mbtmp4.0/8, ML3.8/1, Error ellipse: s-maj=78.0km s-min=15.9km az=69.0

ISC 10 09:33:54.6:1.2, 2861N:01.1417E:0.4, h10km, n10, c1913/12, mb4.2/7, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like CBU, MJAR, MAT, etc.

MAN 10 09:34:38.0, 2084N:12055E, h12km, mb3.4, ML4.6, MS6.2
ISCJB 10 09:34:39.1:0.8, 2088N:006.1222E:0.2, h10km, mb4.2/6, Error ellipse: s-maj=29.9km s-min=8.7km az=4.5

IDC 10 09:34:40.0:0.9, 2057N:12161E, h0km, mb4.1/7, mb1.4/2.7, mb1mx3.9/19, mbtmp4.1/7, Error ellipse: s-maj=38.5km s-min=19.7km az=73.0

ISC 10 09:34:41.0:0.8, 2089N:006.1222E:0.2, h10km, n13, c0586/15, mb4.2/6, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like CVP, Callao Caves.

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Table with columns: CVP, PALT, CAUP, BALP, MJAR, WRA, WB2, ASAR, ASPA, ASKA, STKO, AKTB, BRTR, YKA. Lists stations and their details.

ISCJB 10 09:36:24.0:0.4, 3256N:004.5549E:0.03, h10km, Error ellipse: s-maj=5.1km s-min=4.1km az=26.3

CSEM 10 09:36:24.0:1.2, 3264N:5542E, h16km, ML3.6, Error ellipse: s-maj=1.9km s-min=1.6km az=42.0

TEH 10 09:36:25.3, 3252N:5545E, h7km, Mn3.6
THL 10 09:36:26.2:0.5, 3250N:5525E, h14km, 9km, ML3.4
ISC 10 09:36:25.2:0.4, 3255N:003.5548E:0.03, h10km, n26, c0973/11, Northern and central Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like ICHK, IBAF, IMEH, ISAD, NASN, etc.

IKOO Anjuro 2.98 91 ePn Pn 09 37 13.3 +0.7
IANJ Sanjilo 1.39 336 ePn Pn 09 37 13.8 -1.6

ISC 10 09:51:37.2:4.4, 590S:02.260W:0.3, h46km, 42km, n11, c090/9, mb3.9/5, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like VNA1, SNAE, SNAF, etc.

IMOG Moghona 4.78 41 ePn Pn 09 37 37.1 -0.1
IAKL Akhlamad 4.83 333 ePn Pn 09 37 37.0 -1.0

ISC 10 09:51:34.6:5.3, 589S:02.260W:0.3, h35km, 49km, mb3.9/5, Error ellipse: s-maj=33.6km s-min=20.9km az=63.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like VNA1, SNAE, SNAF, etc.

MAN 10 01:52.9, 961N:12531E, h0km, mb2.2, ML3.9, MS1.4, IC-1D, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SCPH, MSLP, BUTAN, etc.

MOS 10 01:35.5:0.2, 4236N:4510E, h10km, mb3.6/1, 3C-1D, Error ellipse: s-maj=42.6km s-min=11.4km az=114.5, Eastern Caucasus

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SNJR, LACR, CGP, etc.

ISCJB 10 01:24:33.2:2.3, 611S:01.0:1498E:0.1, h46km, 20km, mb4.0/7, MS3.8/4, Error ellipse: s-maj=21.6km

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s-min=14.4km az=61.5
NEIC 10 10:24:34.9:1.9, 612S:14993E, h52km, 16km, mb4.6/2, Error ellipse: s-maj=13.2km s-min=12km az=63.0
IDC 10 10:24:35.6:2.2, 614S:14979E, h56km, 18km, mb3.9/8, mb1.4/2.9, mb1mx4.1/14, mbtmp4.3/9, ML3.8/1, MS3.7/6, Ms1.3/7.6, ms1mx3.4/28, Error ellipse: s-maj=23.4km s-min=14.5km az=109.0

ISC 10 10:24:33.9:2.0, 610S:01.0:1499E:0.1, h35km, 18km, n29, c0977/12, mb4.0/7, MS3.8/4, 1D, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like PMG, Port Moresby, etc.

WRA 2.1nm, 0.8s, mbz=51, slow=11, SNR=94

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like DZM, AS31, ASAR, etc.

ISC 10 10:27:59.0:0.9, 1813N:7983W, h43km, 999km, MD4.6

ISCJB 10 10:28:01.1:2.2, 1820N:008.797W:0.1, h33km, Error ellipse: s-maj=16.9km s-min=9.9km az=132.9

SSNC 10 10:28:07.7, 1816N:7927W, h25km, h35.6, ML3.3

ISC 10 10:28:01.8:2.2, 1815N:008.797W:0.1, MD3.6, n7, c079/14, 2D, North of Honduras

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

ISCJB 10 10:43:57.8:0.4, 2790N:006.1398E:0.2, h528km, 8km, mb3.6/9, Error ellipse: s-maj=26.2km s-min=6.8km az=155.9

NEIC 10 10:43:57.8:1.2, 2793N:13983E, h509km, 16km, mb3.9/1, Error ellipse: s-maj=42.5km s-min=9.3km az=79.0

IDC 10 10:43:58.3:0.6, 2791N:13977E, h514km, 15km, mb3.2/9, mb1.3/3.12, mb1mx3.1/22, mbtmp4.1/12, Error ellipse: s-maj=44.9km s-min=10.0km az=77.0

JMA 10 10:43:58.2:0.2, 2799N:14004E, h538km, M4.2

ISC 10 10:43:59.0:0.4, 2796N:006.1399E:0.2, h526km, 8km, n35, c090/43, mb3.6/9, Bonin Islands region

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

Table with columns: Station Name, Azimuth, Phase ID, Time Res, and various station codes. Includes stations like Petropavlovsk, Ganaly, Tumrok, Russkaya, etc.

GRAL 10 14:37:15.22.1, 3473N:3665E, h33km, g0km, MD2.9
ISCJB 10 14:37:16.2.0.5, 3470N:3670E, 0.0h, 10km, Error
ellipse: s-maj=4.9km s-min=3.5km az=31.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, and various station codes. Includes stations like Ras Al Marh, ROOS il, alroos, etc.

ISCJB 10 14:42:34.2.0.7, 2012S:005:689W.01, h132km, 11km,
mb3.5/1, Error ellipse: s-maj=19.2km s-min=7.9km az=9.7

NEIC 10 14:42:34.6.0.6, 2011S:6886W, h119km, 9km, mb3.8/1,
Error ellipse: s-maj=12.2km s-min=6.9km az=94.0

IDC 10 14:42:35.4.1.1, 2016S:6875W, h121km, 11km, mb3.4/3,
mb1 3.6/8, mb1mx3.5/20, mbtmp4.0/8, Error ellipse:
s-maj=31.2km s-min=9.0km az=99.0

ISC 10 14:42:35.1.0.7, 2013S:005:689W.01, h125km, 12km, n16,
o:959/18, mb3.6/1, Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, and various station codes. Includes stations like Limon Verde, LVC, LPAZ, etc.

MAN 10 15:05:55.7, 2072N:11997E, h50km, mb4.7, ML5.4, MS5.8
IDC 10 15:05:55.5.0.4, 2057N:12008E, h0km, mb4.8/27,
mb1 4.9/28, mb1mx4.8/31, mbtmp4.8/28, ML3.8/1, MS4.1/16,
Ms1 4.1/16, ms1mx3.8/46, Error ellipse: s-maj=16.7km
s-min=9.3km az=67.0

ISCJB 10 15:05:57.0.1, 2055N:001:12024E.002, h26km,
mb5.0/113, MS4.4/33, Error ellipse: s-maj=3.0km
s-min=2.1km az=173.5

GCMT 10 15:05:59.8.0.2, 2054N:12005E, h16km, MW5.0/76,
Moment Tensor Solution: m34, c45, s76, c125. Duration:
0 Moment tensor: Scale 10^16Nm. M=3.88; 1.7;
Mw=0.57; 0.9; Mw=3.31; 1.2; Mw=0.11; 3.1; Mw=0.77; 0.6;
Mw=2.09; 2.9; Best double couple: M4.24100x10^16
NP1: 159.00000, 63.1.00000, A: 102.00000. NP2:
353.00000, 86.0.00000, A: 83.00000. Principal axes:
T 4.0200, Plg14.0000, Azm78.0000; N 0.4400,
Plg6.0000, Azm170.0000; P -4.4620, Plg74.0000.
Azm283.0000; nst1 refers to body waves, cutoff=40s.
nst2 refers to surface waves, cutoff=50s.

MOS 10 15:05:59.9.0.8, 2070N:12018E, h33km, mb5.3/52,
MS4.3/8, Error ellipse: s-maj=10.4km s-min=4.4km
az=121.4
NEIC 10 15:05:59.8.0.1, 2055N:12016E, mb5.2/53, Error ellipse:
s-maj=4.9km s-min=3.4km az=76.0
SZGRF 10 15:05:59.0, 2046N:12059E, h31km, mb5.2, Philippine
Islands region
NIED 10 15:06:00, 2070N:12030E, h32km, Mw4.9 Best double
couple: M2:67000x10^16 NP1: 87.00000, 86.5.00000,
lambda1.51.00000. NP2: 190.00000, 86.3.00000, lambda2.00000.
BUJ 10 15:06:01, 2083N:11982E, h26km, mb5.0, mb4.7, ML4.3,
Ms4.8, MS4.6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, and various station codes. Includes stations like Pasuquin, PIP, SGP, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, and various station codes. Includes stations like Zalesovo, ZAL, MKAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, and various station codes. Includes stations like Santa Cruz, HATJ, BALP, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, and various station codes. Includes stations like BOAC, PVP, JKE, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, and various station codes. Includes stations like CUYO, QIZ, QIZ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, and various station codes. Includes stations like SSE, SSE, SSE, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, and various station codes. Includes stations like GYA, GYA, GYA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, and various station codes. Includes stations like KMI, KMI, KMI, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, and various station codes. Includes stations like KMI, KMI, KMI, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, and various station codes. Includes stations like XAN, XAN, XAN, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, and various station codes. Includes stations like DL2, DL2, DL2, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, and various station codes. Includes stations like BJI, BJI, BJI, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, and various station codes. Includes stations like CHTO, CHTO, CHTO, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, and various station codes. Includes stations like CM31, LZH, LZH, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, and various station codes. Includes stations like LZH, LZH, LZH, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, and various station codes. Includes stations like CBIJ, NNT, KSM, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, and various station codes. Includes stations like HHC, HHC, HHC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, and various station codes. Includes stations like BTO, BTO, BTO, etc.

CN2	comp=N,1um,13.0s,MS4.7	LR	LR						
CN2	comp=E,1um,13.0s,MS4.7	LR	LR						
CN2	comp=Z,14um,13.0s	LR	LR						
VLA	Kulim	24.33 234	eP	P	15 11 13.9	-1.3			
VLA	Vladivostok	24.53 21	eP	P	15 11 16.4	-0.7			
GUMO	Guam	24.54 102	P	P	15 11 17.8	+0.7			
GUMO	comp=Z,48nm,0.5s,mb5.3,baz=252,slow=4.5,SNR=6.0	LR	LR						
GUMO	Guam	24.54 102	P	P	15 11 17.8	+0.7			
GUMO	comp=Z,329nm,18.8s,MS3.9,baz=264,slow=33	LR	LR						
IPM	lph	24.58 232	P	P	15 11 16.1	-1.4			
KGM	Kluang	24.73 224	P	P	15 11 18.8	-0.1			
MDJ	Mudanjiang	25.22 16	P	P	15 11 24.9	+1.6			
MDJ	comp=Z,50nm,1.4s,mb4.8	AMB	AMB						
MDJ	comp=Z,331nm,4.4s	AMB	AMB						
MDJ	comp=N,897nm,13.5s,MS4.5	LR	LR						
MDJ	comp=E,532nm,14.0s,MS4.5	LR	LR						
MDJ	comp=Z,789nm,14.8s,MS4.3	LR	LR						
GTA	Gaotai	25.69 321	P	P	15 11 27.5	-0.1			
GTA	comp=Z,15nm,1.1s,mb4.4	AMB	AMB						
GTA	comp=Z,192nm,5.7s	LR	LR						
GTA	comp=N,520nm,16.4s,MS4.4	LR	LR						
GTA	comp=E,702nm,15.2s,MS4.4	LR	LR						
GTA	comp=Z,683nm,13.7s,MS4.3	LR	LR						
SHL	Shillong	26.52 286	iP	P	15 11 34.0	-1.1			
SHL	comp=Z,27nm,1.0s,mb4.7,baz=359,slow=3.2,SNR=20	eS	P	15 11 40.9	-0.8				
PSI	Prapat	27.25 232	P	P	15 12 10.2				
PSI	comp=Z,458nm,18.6s,MS4.1,baz=344,slow=36	LR	LR						
PSI	Prapat	27.25 232	P	P	15 11 40.9	-0.8			
PSI	comp=Z,458nm,18.6s,MS4.1,baz=344,slow=36	LR	LR						
LSA	Lhasa	27.79 295	P	P	15 11 47.8	+1.3			
SOMI	Songino Array	29.42 341	P	P	15 12 00.1	-0.9			
ASAJ	Asahikawa	29.97 33	P	P	15 12 07.0	+1.1			
ASAJ	comp=Z,11nm,1.0s,mb4.5,baz=253,slow=18,SNR=2.9	LR	LR						
ASAJ	comp=Z,429nm,20.5s,MS4.1,baz=62,slow=37	LR	LR						
KLR	Kul'dur	30.06 15	eP	P	15 12 05.0	-1.6			
KLR	comp=E,1um,13.0s	MLR	MLR						
KLR	comp=Z,5um,13.0s,MS5.3	MLR	MLR						
JIRN	Jiri	31.78 290	eP	P	15 12 22.4	+0.5			
GUN	Gumba	32.08 290	eP	P	15 12 24.0	+0.1			
YSS	Yuzh-Sakhalins	32.09 30	MLR	MLR	15 12 26.0	+1.5			
PKI	Pulchoki	32.47 289	eP	P	15 12 27.2	-0.7			
KKK	Kakani	32.60 290	eP	P	15 12 28.5	-0.5			
ZAK	Zakamensk	32.64 340	eP	P	15 12 28.3	-1.1			
DMN	Daman	32.74 289	eP	P	15 12 29.7	-0.5			
GKN	Gorkha	33.19 290	eP	P	15 12 33.3	-0.8			
TLY	Talaya	33.66 341	eP	P	15 12 32.3	-6.0			
TLY	comp=Z,10.0nm,0.9s,mb4.8	MLR	MLR						
TLY	comp=Z,407nm,17.0s,MS4.2	MLR	MLR						
TLY	Talaya	33.66 341	eP	P	15 12 38.1	-0.1			
KOLN	Koldanda	34.08 289	eP	P	15 12 41.3	-0.7			
KAKA	Kakadu	35.18 159	eP	P	15 12 50.2	-1.2			
WMQ	Urumqi	35.63 318	P	P	15 12 55.7	+0.4			
WMQ	comp=Z,161nm,4.8s	AMB	AMB						
WMQ	comp=N,2um,11.5s,MS5.2	LR	LR						
WMQ	comp=E,1um,10.2s,MS5.2	LR	LR						
BOD	Boдайbo	37.49 355	eP	P	15 13 07.6	-3.6			
FITZ	Fitzroy Crossi	38.78 172	P	P	15 13 21.0	-1.1			
FITZ	Fitzroy Crossi	38.78 172	P	P	15 13 21.0	-1.0			
MDRS	Chennai	38.91 265	ex	P	15 13 25.6	+2.5			
PMG	Port Moresby	39.86 136	P	P	15 13 34.1	+3.1			
PMG	comp=Z,22nm,0.8s	PMAX	PMAX						
PMG	Port Moresby	39.86 136	P	P	15 13 34.1	+3.1			
PMG	comp=Z,22nm,0.8s,mb4.9	PMAX	PMAX						
MK31	Makanchi Array	40.41 319	P	P	15 13 34.6	-1.0			
MKAR	Makanchi Array	40.41 319	P	P	15 13 32.6	-2.9			
MKAR	comp=Z,17nm,0.9s,mb4.8,baz=116,slow=8.6,SNR=35	S	S	15 19 38.5	-3.6				
MKAR	comp=Z,0.2nm,0.3s,baz=175,slow=40,SNR=2.3	LR	LR	15 30 18.3					
MKAR	comp=Z,176nm,18.1s,MS4.0,baz=302,slow=36	LR	LR	15 30 18.3					
MKAR	Makanchi Array	40.41 319	P	P	15 13 32.6	-3.0			
MKAR	comp=Z,17nm,0.9s,mb4.8,baz=116,slow=8.6,SNR=35	S	S	15 19 38.5	-3.6				
KRAR	Krasnoyarsk	40.86 337	eP	P	15 13 39.0	-0.3			
YAK	Yakutsk	41.96 7	eP	P	15 13 48.4	+0.1			
YAK	comp=Z,10.0nm,0.5s,mb4.7	PMAX	PMAX	15 20 06.6	+1.5				
YAK	comp=Z,38nm,1.5s,mb4.8	PMAX	PMAX						
YAK	comp=N,20nm,1.3s	PMAX	PMAX						
YAK	comp=E,11nm,1.3s	SMAX	SMAX						
YAK	comp=E,123nm,19.7s	SMAX	SMAX						
YAK	comp=N,104nm,16.3s	MLR	MLR						
YAK	comp=N,298nm,15.0s,MS4.3	MLR	MLR						
YAK	comp=Z,467nm,15.0s,MS4.5	MLR	MLR						
YAK	comp=E,138nm,14.0s,MS4.3	MLR	MLR						
KSH	Kashi	42.23 307	eP	P	15 13 53.1	+2.6			
KSH	comp=Z,21nm,0.6s,mb4.9	PMAX	PMAX	15 15 35.2	+6.7				
KSH	comp=Z,21nm,0.6s,mb4.9	PMAX	PMAX	15 15 45.3	+1.1				
KSH	comp=Z,21nm,0.6s,mb4.9	PMAX	PMAX	15 19 38.1	+2.0				
KSH	comp=Z,21nm,0.6s,mb4.9	PMAX	PMAX	15 20 20.1	+2.8				
KSH	comp=Z,21nm,0.6s,mb4.9	PMAX	PMAX	15 23 52.6	+1.9				
KSH	comp=Z,11nm,0.8s,mb5.5	AMB	AMB						

KSH	comp=N,810nm,11.5s,MS5.2	LR	LR						
KSH	comp=E,2um,12.9s,MS5.2	LR	LR						
KSH	comp=Z,747nm,30.5s	LR	LR						
WRAB	Tennant Creek	42.55 160	P	P	15 13 53.0	-0.2			
WRAB	comp=Z,467nm,0.9s,SNR=30	P	P	15 13 52.8	-0.4				
WRAB	Tennant Creek	42.55 160	P	P	15 13 52.5	-0.7			
WRAB	Warramunga Arr	42.56 160	P	P	15 13 52.8	-0.7			
WRAB	comp=Z,48nm,0.8s,mb5.3,baz=342,slow=9.0,SNR=224	S	S	15 20 12.9	-1.1				
WRA	comp=Z,0.9nm,1.1s,baz=328,slow=26,SNR=4.2	S	S	15 13 52.5	-0.7				
WRA	Warramunga Arr	42.56 160	P	P	15 20 12.9	-1.1			
WRA	comp=Z,0.9nm,1.1s,baz=328,slow=26,SNR=4.2	S	S	15 20 12.9	-1.1				
WB2	Warramunga Arr	42.56 160	P	P	15 13 53.0	-0.3			
WB2	comp=Z,14nm,1.0s,mb5.0	eS	P	15 14 00.0	-1.6				
WB2	comp=Z,14nm,1.0s,mb5.0	eS	P	15 12 00.0	+2.0				
ULHL	Ulahol	42.73 311	P	P	15 13 55.7	+1.0			
ZAL	Zalesovo	42.86 330	P	P	15 13 54.9	-0.7			
ZAL	Zalesovo	42.86 330	P	P	15 14 00.8	+0.9			
TOKM2	Tokmak 2	43.38 311	P	P	15 14 10.0	-0.3			
POO	Poona	43.64 276	ex	P	15 14 04.3	+1.3			
KBK	Karagaybulak	43.77 311	P	P	15 14 05.6	+1.9			
UCH	Uchtor	43.96 310	P	P	15 14 06.5	+0.7			
CHMS	Chumysh	44.00 311	P	P	15 14 06.5	+0.7			
FRU	Bishkek	44.05 311	eP	P	15 14 06.0	+0.7			
AAK	Ala-Archa	44.08 311	P	P	15 14 05.0	-0.5			
AAK	Ala-Archa	44.08 311	P	P	15 14 06.7	+1.1			
AAK	Ala-Archa	44.08 311	P	P	15 14 06.0	+0.5			
AAK	Ala-Archa	44.08 311	eP	P	15 14 05.6	+0.1			
AAK	Ala-Archa	44.08 311	eP	P	15 14 05.3	-0.2			
AAK	Ala-Archa	44.08 311	eP	P	15 14 05.3	-0.2			
NVS	Novosibirsk	44.13 330	eS	P	15 14 03.2	-2.7			
NVS	comp=N,25nm,1.3s	PMAX	PMAX	15 20 34.5	-2.5				
NVS	comp=E,25nm,1.3s	PMAX	PMAX						
NVS	comp=Z,35nm,1.3s,mb4.9	SMAX	SMAX						
NVS	comp=N,36nm,2.6s	SMAX	SMAX						
USP	Ospenovka	44.25 311	P	P	15 14 07.6	+0.7			
KURK	Kurchatov	44.36 323	P	P	15 14 07.6	-0.2			
AML	Almayshu	44.53 310	P	P	15 14 11.0	+1.9			
EKS2	Erkin-Say	44.60 310	P	P	15 14 10.7	+1.0			
AS31	Alice Springs	45.93 162	P	P	15 14 20.4	+0.2			
AS31	comp=Z,205nm,0.9s,mb5.9,SNR=21	eS	P	15 21 05.0	+1.9				
ASPA	Alice Springs	45.93 162	P	P	15 14 20.4	+0.2			
ASPA	comp=Z,205nm,0.9s,mb5.9,SNR=21	eS	P	15 21 05.0	+1.9				
ASPA	Alice Springs	45.93 162	eS	P	15 14 20.4	+0.2			
ASAR	comp=E,12nm,0.7s,mb4.9,baz=345,slow=6.9,SNR=122	S	S	15 21 09.2	+6.1				
ASAR	comp=Z,0.3nm,0.7s,baz=106,slow=31,SNR=3.1	LR	LR	15 34 24.5					
ASAR	comp=E,106nm,19.8s,MS3.8,baz=342,slow=37	P	P	15 14 20.4	+0.5				
ASAR	Alice Springs	45.93 162	P	P	15 21 09.2	+6.1			
KK31	Karatay Array	47.04 310	iP	PMAX	15 14 29.3	+0.4			
SEY	Seymchan	47.67 191	eP	P	15 14 34.2	+0.3			
CTA	Charters Tower	47.76 146	eP	P	15 14 36.9	+2.4			
CTA	comp=Z,33nm,1.1s	PMAX	PMAX	15 14 42.4	-0.6				
CTA	Charters Tower	47.76 146	eP	P	15 14 35.9	+1.4			
CTA	comp=Z,24nm,0.8s,mb5.3,baz=336,slow=10,SNR=12	P	P	15 14 36.9	+2.4				
CTA	Charters Tower	47.76 146	eP	P	15 14 42.4	-0.6			
CTA	comp=Z,33nm,1.1s	PMAX	PMAX	15 14 42.4	-0.6				
CTA	Charters Tower	47.76 146	eP	P	15 14 36.8	+2.3			
CTA	comp=Z,86nm,1.1s,mb5.7	PMAX	PMAX	15 14 36.8	+2.2				
VOSK	Vostochnaya	49.52 323	P	PMAX	15 14 46.3	-1.7			
BVA0	Borovoye Array	49.96 323	iP	PMAX	15 14 51.6	+0.2			
BVAR	Borovoye Array	49.96 323	P	PMAX	15 14 51.5	+0.1			
BVAR	comp=Z,3.0nm,0.9s,mb4.3	PMAX	PMAX	15 36 18.8					
BVAR	comp=Z,8.7nm,0.7s,mb4.9,baz=105,slow=8.1,SNR=11	LR	LR	15 36 18.8					
BRVK	Borovoye	50.03 323	P	P	15 14 52.5	+0.5			
BRVK	comp=Z,188nm,0.8s,SNR=8.1	P	P	15 14 51.9	0.0				
BRVK	Borovoye	50.03 323	P	PMAX	15 14 51.3	-0.7			
BRVK	comp=Z,51nm,1								

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Rugen, Dobruska-Polom, Upice, Moragy, Vranov, Ruedersdorf, Kilima Mbogo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Montbardon, Sospel, Lormes, Oris-ent-Rattie, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Vranov, Pinedale Array, TORD, CFAA, ASAR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BRVK, CHKALOV, ZERENDA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MOA, MOX, GRA1, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BILL, STKA, AKTK, etc.

10d 23h

Table with columns for station name, frequency, power, and signal strength. Includes stations like Kingsbay, Orenburg, Alice Springs, Marble Bar, etc.

2006 OCT

Table with columns for station name, frequency, power, and signal strength. Includes stations like Seaside, Onalaska, Toit Reservoir, Ennumclaw, etc.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like Madras, Stephens Creek, Carlson Farm, Hanford, etc.

10d 23h

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Table with columns: Station Name, Frequency, Power, Direction, and other details. Includes stations like Mack Trabzon, S09A Goldfield, LKwy Lake, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other details. Includes stations like DUG Dugway, UMR Umm Al-Rimmam, PTK Perfek, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other details. Includes stations like PFO Pinyon Flat Ob, PFO Pinyon Flat Ob, W12A Cal Nev Ari, etc.

11 Oh

Table with columns: CPUP, Villa Florida, 159.78, 63, ePKIKP, PKPdf, 00 18 01.5, -1.8, 00 18 13.1

IDC 10 23:59:44.1±0.9, 37.18N±142.71E, h0km, mb4.8/9, mb1 5.0/10, mb1mx4.7/22, mbtmp4.8/10, MS4.9/2, Ms1 4.8/2, ms1mx3.9/19, Error ellipse: s-maj=23.8km s-min=20.7km az=147.7

ISCJB 10 23:59:47.9±0.4, 37.11N±142.71E±0.3, h40km, 34km, mb4.9/8, MS4.9/2, Error ellipse: s-maj=36.0km s-min=22.8km az=147.7

ISC 10 23:59:49.5±3.9, 37.2N±142.6E±0.3, h36km, 34km, n12, c079/10, mb4.9/8, MS4.9/2, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC

JMA 11 00:25:58.4±0.4, 44.05N±148.12E, h0km, M4.1, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC

ISCJB 11 00:21:29.9±0.2, 19.90N±121.33E±0.06, h34km, mb4.5/38, Error ellipse: s-maj=7.9km s-min=3.8km az=154.8

MAN 11 00:21:30.6, 19.97N±121.26E, h57km, mb3.5, ML4.7, MS7.1, IDC 11 00:21:31.6±0.7, 19.97N±121.44E, h36km, mb3.9/16, mb1 4.1/17, mb1mx4.0/24, mbtmp4.2/17, ML4.4/1, MS4.3/1, Ms1 4.3/1, ms1mx3.2/42, Error ellipse: s-maj=25.5km s-min=9.6km az=68.0

NEIC 11 00:21:31.8±0.2, 19.85N±121.43E, mb4.8/17, Error ellipse: s-maj=9.1km s-min=4.9km az=79.0

BUI 11 00:21:32.7, 20.28N±120.81E, h36km, M4.8, mb4.5, ML4.0, ISC 11 00:21:32.2±0.2, 19.92N±120.81E±0.05, h36km, h36km, 2.0km, pP-P, n89, r109/95, mb4.5/38, 10C-5D, Philippines Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC

QZH comp=N, 240nm, 1.3s Smax

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC

2006 OCT

Table with columns: PKI, Pulchico, 33.67, 290, eP, P, 00 28 08.8, -0.0

Table with columns: KAKA, Kakadu, 34.22, 160, eP, P, 00 28 11.1, -3.2

Table with columns: FITZ, Fitzroy Crossi, 38.02, 173, eP, P, 00 28 44.3, -2.5

Table with columns: WRA, Warramunga Arr, 41.62, 161, P, P, 00 29 14.7, -2.0

Table with columns: WBE, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

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Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

Table with columns: WBA, Warramunga Arr, 41.62, 161, P, P, 00 29 15.1, -1.7

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mb4.3/16, Error ellipse: s-maj=17.4km s-min=12.6km az=37.4

IDC 11 00:37:56.9±1.7, 6.81S±155.23E, h402km, 19km, mb3.9/7, mb1 3.9/11, mb1mx3.7/17, mbtmp4.6/11, Error ellipse: s-maj=20.3km s-min=14.2km az=116.0

NEIC 11 00:37:56.2±0.8, 6.72S±155.22E, h397km, 8km, mb4.3/9, Error ellipse: s-maj=9.6km s-min=8.8km az=122.0

BUI 11 00:37:56.1, 6.70S±155.20E, h396km, mb4.5, mb4.3, ISC 11 00:37:56.5±1.0, 6.76S±155.24E±0.10, h398km±12km, n40, c071/138, mb4.3/16, 2D, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC

IDC 11 00:59:12.1±0.7, 31.82S±175.22W, h0km, mb4.3/8, mb1 4.6/9, mb1mx4.5/13, mbtmp4.4/9, ML5.1/1, MS4.1/4, Ms1 4.1/4, ms1mx3.7/30, Error ellipse: s-maj=26.9km s-min=20.2km az=26.0

ISCJB 11 00:59:16.0±0.5, 32.19S±175.17W±0.09, h33km, mb4.5/14, MS5.0/1, Error ellipse: s-maj=12.0km s-min=6.0km az=71.9

NEIC 11 00:59:16.2±4.2, 31.82S±175.30W, h28km, 29km, mb4.8/7, Error ellipse: s-maj=12.7km s-min=4.2km az=57.0

ISC 11 00:59:18.1±1.0, 32.25S±175.50W±0.09, h35km, n55, r138/48, mb4.5/14, MS5.0/1, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC

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

ISCJB 11 01:02:20.6-0.3, 5767N:003x1709E:005, h0km, Error ellipse: s-maj=5.0km s-min=2.7km az=105.3

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like VSTU Vaestevik, BYXU Byxelkrok, OSKU Oskarshamn, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like FIAO FINESS Array S, FIAO FINESS Array S, FINES FINESS Array B, etc.

ISCJB 11 01:24:01.8-2.3, 2059N:006x11996E:009, h3km, 16km, mb4.2/27, MS5.1/1, Error ellipse: s-maj=15.7km

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SGCP Mt. Cagua, YHNB Yeheng, PCHP Palayan, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like GERES GRESS Array B, YKA Yellowknife Arr, etc.

BUI 11 01:24:10.7, 2131N:11952E, h10km, mb4.9, mb4.2, ML4.7, MS5.5, MSz5.0

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like QIZ Qiongzong, QIZ Qiongzong, QIZ Qiongzong, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MDJ, CTA, BVAR, BRVK, CHKZ, ZRNX, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CTA, BVAR, BRVK, CHKZ, ZRNX, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SUW, VRI, BURAR, MLR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SNTA Sankt Quirin, TNS Taunus Mts, STU Stuttgart, etc.

JMA 11 01:34:13.2±0.1, 2795N, 13115E, h67km, M3.8, Southeast of Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAM Amami Oshima, JTK Tokunoshima, etc.

IDC 11 01:39:22.5±1.1, 1998N, 12086E, h0km, mb4.2/8, mb1.4/3.8, mb1mx4.2/17, mb1mp4.2/8, Error ellipse: s-maj=4.1, hkm=22.7km az=49.0

NEIC 11 01:39:25.4±0.7, 2016N, 12081E, h10km, mb4.6/17, Error ellipse: s-maj=14.7km s-min=9.9km az=137.0

ISCJB 11 01:39:28.3±0.9, 206N, 01.1202E, h10km, mb4.5/33, Error ellipse: s-maj=20.9km s-min=7.8km az=80.3

SZGRF 11 01:39:32.7±22.9N, 12344E, h33km, mb4.5, Southeast of Taiwan

BUI 11 01:39:33.9±21.2N, 12026E, h9km, mb4.4, ML3.6

ISC 11 01:39:27.3±4.2, 205N, 01.1204E, h1km, 23km, n62, e0962/64, mb4.5/33, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NACB Ninganchiao, YHNB Yehng, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BJT Baijiatou, LZH Lanzhou, MJAR Matsushiro Arr, etc.

IDC 11 01:49:08.2±2.2, 507N, 12692E, h0km, mb3.8/3, mb1.4/0.3, mb1.4/3.2, mb1mx3.9/12, mb1mp4.2/8, Error ellipse: s-maj=165.3km s-min=25.8km az=66.0, Mindanao

WRA Warrunganga Arr 25.90 164 P P 01 54 41.1 ±0.7

ASAR Asce Springs 29.36 187 P P 01 55 14.2 ±1.4

MKAR Makanchi Array 56.57 325 P P 01 58 52.6 ±0.1

IDC 11 01:50:01.9±1.3, 339S, 17882W, h0km, mb4.0/2, mb1.4/3.2, mb1mx3.9/12, mb1mp4.2/8, MS2.9/1, Ms1.2/9.1, s-min=38.6km az=179.0, South of Kermadec Islands

MWZ Matakaoa Point 4.33 212 ePn Pn 01 51 08.0 ±1.0

URZ Urewera 5.45 216 ePn Pn 01 51 23.6 ±0.7

WRA Warrunganga Arr 43.66 276 P P 01 58 08.6 ±0.3

BVR Boroyve Array 128.38 314 PKP PKPbc 02 09 10.5 ±0.1

JOF Joensuu 145.38 336 eP P 02 09 39.5 ±2.1

KAF Kangasniemi 147.58 338 eP PKPdf 02 09 46.4 ±1.0

NB2 Norsar Subarra 152.09 350 PKP PKPdf 02 09 57.0 ±4.4

NOA Norsar Array B 152.09 350 PKP PKPdf 02 09 58.2 ±1.0

BRTR Keskin Array B 153.47 292 PKP PKPdf 02 10 12.2 ±2.2

AKASA Malin Array Be 153.55 313 PKP PKPbc 02 10 11.8 ±0.6

TORD Torodi Arr Be 159.32 181 PKP PKPab 02 10 09.5 ±0.1

IDC 11 01:50:29.2±5.7, 4218N, 14729E, h0km, mb4.2/5, mb1.4/3.5, mb1mx3.8/21, mb1mp4.2/5, ML3.1, Error

ellipse: s-maj=138.7km s-min=35.5km az=4.0

JMA 11 01:50:43.7±0.2, 4396N, 14705E, h32km, 3km, M3.9

SKHL 11 01:50:44.3±0.6, 4390N, 147.10E, h54km, 11km, mb4.7/2

MOS 11 01:50:47.1±0.7, 4423N, 14663E, h55km, mb4.4/6, Error ellipse: s-maj=29.2km s-min=24.0km az=108.1

ISC 11 01:50:43.4±1.3, 4361N, 010.1472E, h11km, n28, e0963/34, mb4.2/2, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YUK Yuzh-Kuril'sk, NEM2 Nemuro 2, etc.

NIED 11 01:51:00, 2080N, 12050E, h11km, Mw4.7 Best double couple: M1.27000x1016 N1.19300000, d71.00000, 7-93.00000, NP2:q133.00000, b19.00000, 7-82.00000

ISCJB 11 01:51:28.0±1.5, 2073N, 003.12009E, 0.04, h5km, 9km, mb4.8/68, MS3.6/6, Error ellipse: s-maj=5.9km s-min=4.3km az=0-6

IDC 11 01:51:28.7±0.5, 2075N, 12001E, h0km, mb4.5/20, mb1.4/6/20, mb1mx4.5/26, mb1mp4.5/20, MS3.8/7, Ms1.3.8/7, ms1mx3.5/35, Error ellipse: s-maj=22.9km s-min=11.6km az=71.0

NEIC 11 01:51:30.4±0.2, 2072N, 12004E, h10km, mb4.9/32, Error ellipse: s-maj=6.0km s-min=4.2km az=96.0

BUI 11 01:51:31.2±20.8N, 11984E, h18km, m5.0, mb4.6, ML4.3, Ms4.6, Ms4.4

MOS 11 01:51:32.4±1.0, 2077N, 12003E, h33km, mb5.2/29, Error ellipse: s-maj=12.0km s-min=5.7km az=119.0

MAN 11 01:51:35.5±20.0N, 11195E, h33km, MS7.1

SZGRF 11 01:51:46.4±22.6N, 11844E, h33km, mb5.1, Taiwan region

ISC 11 01:51:32.1±1.3, 2077N, 002.12017E, h21km, 9km, h24km, 7km, p-P, n211, e090/218, mb4.8/68, MS3.6/6, 16C-10D, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PIP Pasaquin, SGCP Mt. Cagua, etc.

IDC 11 02:14:10.4.1.6, 2069N, 11994E, h0km, mb3.5/4, mb1 3.8/4, mb1mx3.5/19, mbtmp3.6/4, Error ellipse: s-maj=61.3km s-min=24.7km az=85.0, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MJAR Matsushiro Arr, SONMG Songoing Array, WRA Warramunga Arr, ASAR Alice Springs.

ISCJB 11 02:15:07.8.0.9, 2417S, 005.670W, 02, h176km, 25km, mb3.2/1, Error ellipse: s-maj=33.7km s-min=8.7km az=3.6

IDC 11 02:15:08.1.2.1, 2414S, 673W, h170km, 26km, mb3.1/1, mb1 3.1/5, mb1mx3.1/18, mbtmp3.6/9, Error ellipse: s-maj=35.4km s-min=13.9km az=90.0

NEIC 11 02:15:09.3.0.9, 2413S, 6695W, h173km, 29km, Error ellipse: s-maj=29.4km s-min=13.2km az=99.0

ISC 11 02:15:08.7.0.8, 2417S, 005.669W, 02, h159km, 26km, n7, e1f03/11, mb3.2/1, Salta Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include LVC Limon Verde, CFAA Coronel Fontan, LPAZ La Paz, LPZAP La Paz, SIV San Ignacio, BDFB Brasilia, TORO Torodi Ar. Bea.

MAN 11 02:20:24.8, 1166N, 12400E, h1km, mb3.3, ML4.5, MS9.8, 1C-2D, Leyte

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include OCLP Ormoc, PLP Palo, RCP Roxas, LLP Lapu-Lapu, LFL LFL, GJM Jordan, TBP Tagbilaran, SCPH Surigao, SNPH Sibulan, BOAC Boac, PAGZ Pagadian.

IDC 11 02:57:35.7.9.2, 804S, 11286E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.4/16, mbtmp3.5/3, Error ellipse: s-maj=163.8km s-min=133.1km az=178.0, Jawa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek.

IDC 11 03:28:16.7.0.6, 168N, 12655E, h0km, mb4.4/12, mb1 4.4/13, mb1mx4.3/18, mbtmp4.3/13, ML3.9/1, MS3.7/1, Ms1 3.7/1, ms1mx2.6/21, Error ellipse: s-maj=52.4km s-min=9.8km az=71.0

NEIC 11 03:28:18.3.0.3, 171N, 12661E, h10km, mb4.7/15, Error ellipse: s-maj=16.5km s-min=5.2km az=74.0

ISCJB 11 03:28:19.9.0.4, 169N, 006.1265E, 01, h33km, mb4.6/39, MS4.2/3, Error ellipse: s-maj=18.5km s-min=6.0km az=137.3

BUJ 11 03:28:19.2, 170N, 12660E, h10km, mb5.2, mb4.8, Ms4.6, Ms4.4

MOS 11 03:28:22.4.0.9, 209N, 12647E, h33km, mb4.9/16, Error ellipse: s-maj=27.7km s-min=9.8km az=119.6

ISC 11 03:28:22.0.0.4, 168N, 006.1266E, 01, h35km, (h33km, 4.3km; pP-P), n65, e094/70, mb4.6/39, MS4.2/3, 3C-10, Northern Malacca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KAKA Kakadu, FITZ Fitzroy Crossi, WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, WB2 Warramunga Arr, MBWA Marble Bar.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include QIZ Qiongzong, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASPA Alice Springs, CHTO Chiang Mai, CHTO Chiang Mai.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include STKA Stephens Creek, STKA Stephens Creek, MJAR Matsushiro Arr, MJAR Matsushiro Arr, MJAR Matsushiro Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MAJO Matsushiro, BJT Baijiautu, BJT Baijiautu, BJT Baijiautu.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include LZHZ Lanzhou, LZHZ Lanzhou, LZHZ Lanzhou, LZHZ Lanzhou, LZHZ Lanzhou.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include LZHZ Lanzhou, LZHZ Lanzhou, LZHZ Lanzhou, LZHZ Lanzhou, LZHZ Lanzhou.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include LZHZ Lanzhou, LZHZ Lanzhou, LZHZ Lanzhou, LZHZ Lanzhou, LZHZ Lanzhou.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include LZHZ Lanzhou, LZHZ Lanzhou, LZHZ Lanzhou, LZHZ Lanzhou, LZHZ Lanzhou.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include LZHZ Lanzhou, LZHZ Lanzhou, LZHZ Lanzhou, LZHZ Lanzhou, LZHZ Lanzhou.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include LZHZ Lanzhou, LZHZ Lanzhou, LZHZ Lanzhou, LZHZ Lanzhou, LZHZ Lanzhou.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include LZHZ Lanzhou, LZHZ Lanzhou, LZHZ Lanzhou, LZHZ Lanzhou, LZHZ Lanzhou.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include LZHZ Lanzhou, LZHZ Lanzhou, LZHZ Lanzhou, LZHZ Lanzhou, LZHZ Lanzhou.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include LZHZ Lanzhou, LZHZ Lanzhou, LZHZ Lanzhou, LZHZ Lanzhou, LZHZ Lanzhou.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include LZHZ Lanzhou, LZHZ Lanzhou, LZHZ Lanzhou, LZHZ Lanzhou, LZHZ Lanzhou.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MBWA Marble Bar, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

WEL 11 03:35:37.0.0.5, 3522S, 17904E, h234km, 7km, ML4.0/3, Error ellipse: s-maj=12.9km s-min=7.1km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MXZ Matakaoa Point, MXZ Matakaoa Point, PUZ Puketiti, URZ Urewera, MRZ Mangataniaka R, TCW Tory Channel.

ISCJB 11 03:39:04.1.0.4, 5758N, 003.1732E, 006, h0km, Error ellipse: s-maj=6.0km s-min=3.2km az=92.2

CSEM 11 03:39:05.7.0.2, 5756N, 1715E, h1km, ML3.1, Error ellipse: s-maj=6.2km s-min=4.3km az=139.0, Mining

UPP 11 03:39:06.4, 5762N, 1697E, h0km, ML3.1, Mining explosion

HEL 11 03:39:07.0.0.1, 5761N, 1702E, h0km, ML1.9, ML3.1 (UPP), Explosion

IDC 11 03:39:09.0.2.4, 5774N, 1703E, h0km, mb1 3.1/4, mb1mx2.9/22, mbtmp3.0/4, ML2.3/3, Error ellipse: s-maj=24.3km s-min=9.7km az=5.0

ISC 11 03:39:06.1.0.4, 5761N, 003.1715E, 006, h0km, n34, e1f33/56, Battic Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BYXU Byxelkrok, VSTU Vaestervik, OSKU Oskarshamn, GOTU Gotland, VIKU Vikbolandet, LNKU Linköping, NYNU Nynäshamn, ESKU Eskilstuna, ASKU Askim, DEL Delary, NORT Norrtälje, BACU Backbrunna, NRAU Nora, NASU Vaermalandsnaes, OSTU Oostervaaal, BSB Bornholm Skovb, BSD BSD, GRAU Graesoe, HFS Hagfors.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include HFS Hagfors, RAF RAF, RAU Rauma, REF Refsnes, MEF Mefsen, MEF Mefsen, MEF Mefsen, NOA NORSAR Array B, NOA NORSAR Array B.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include NOA NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include NOA NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include NOA NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include NOA NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include NOA NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include NOA NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B, NOA NORSAR Array B.

ISCJB 11 03:49:02.6.1.2, 163S, 03.1749W, 02, h189km, 20km, mb3.6/6, Error ellipse: s-maj=52.1km s-min=20.3km az=116.1

IDC 11 03:49:02.6.2.5, 1618S, 17502W, h189km, 24km, mb3.4/5, mb1 3.7/6, mb1mx3.5/14, mbtmp3.9/6, Ms2.8/1, Ms1 2.8/1, ms1mx2.6/11, Error ellipse: s-maj=138.0km s-min=16.0km az=149.0

NEIC 11 03:49:02.7.1.2, 1626S, 17496W, h193km, 13km, mb3.5/1, Error ellipse: s-maj=31.4km s-min=12.7km az=144.0

ISC 11 03:45:01.9.1.7, 163S, 03.1749W, 02, h185km, 19km, n10, e085/9, mb3.6, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include AFI Afiamalu, AFI Afiamalu, AFI Afiamalu, AFI Afiamalu, AFI Afiamalu.

11d 6h

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Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, S/N, etc.). Includes stations like BHPL, NDI, SUNDNR, PMG, etc.

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like AAK, AAK, AAK, AAK, etc.

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like ARU, ARU, ARU, ARU, etc.

Table with columns for flight codes (e.g., LVZ, LVA, LVB), destinations (e.g., Lovozero, Mardin, Obninsk), times, and status indicators (e.g., eP, pP, SS, pmax).

Table with columns for flight codes (e.g., ANTO, ANTO, EGAK), destinations (e.g., Ankara, Eagle, Afiamalu), times, and status indicators (e.g., eP, pP, SS, pmax).

Table with columns for flight codes (e.g., SANT, PLG, OKC), destinations (e.g., Santorini, Polygyros, Ostrova-Krasne), times, and status indicators (e.g., eP, pP, SS, pmax).

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VACH Vallenar, LSCH La Serena, TLL Tololo Astrono, etc.

IDC 11 07:04:25.6-6.9,2224N-14444E,h0km,mb3.7/5, mb1 3.8/5,mb1mx3.7/19,mbtmp3.7/5,MS4.3/2,Ms1 4.3/2, mb1mx3.4/38,Error ellipse: s-maj=274.5km s-min=22.7km az=77.0, Volcano Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUMO Guam, SONM Sogino Array, WRA Warramunga Arr, etc.

IDC 11 07:07:59.1±1.5,2092N-12100E,h0km,mb3.6/4, mb1 3.8/4,mb1mx3.6/19,mbtmp3.6/4, Error ellipse: s-maj=142.2km s-min=20.4km az=66.0, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SONM Sogino Array, MKAR Makanchi Array, WRA Warramunga Arr, etc.

STR 11 07:19:04.2 0.1, 4308N-062W,h5km,1km,Ml2.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, LDG 11 07:19:04.2 0.1, 4307N-064W,h10km,Ml 8/2, Error ellipse: s-maj=2.0km s-min=0.8km az=13.0, MDD 11 07:19:04.4 0.3, 4307N-065W,h12km,2km,mbLg1.0/8, Error ellipse: s-maj=4.0km s-min=1.7km az=14.0, PRXIMO, Pyrenees

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ATE Arette, REVY Montagne du Re, ETSF Etsaut, etc.

IDC 11 07:21:36.4:1.5,2078N-12036E,h0km,mb3.5/4,

mb1 3.7/4,mb1mx3.5/18,mbtmp3.5/4, Error ellipse: s-maj=140.6km s-min=21.3km az=66.0, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SONM Sogino Array, MKAR Makanchi Array, WRA Warramunga Arr, etc.

NEIC 11 07:31:50.4,3247S-7175W,h31km,MD3.6(GUC), After GUC 11 07:31:50.4:0.6,3247S-7175W,h31km,2km,MD3.6,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PACH Papudo, CHNG Los Chungos, PTCH Petorca, etc.

NIED 11 07:32:00,2100N-12040E,h11km,Mw4.8 Best double couple: Mo=1.57000e+16 NP1=0.315,00000°, 871.00000°, λ=87.00000°. NP2=0.126,00000°, 819.00000°, λ=99.00000°.

IDC 11 07:32:18.4±0.5,2076N-12002E,h0km,mb4.6/16, Ms1 4.8/17,mb1mx3.7/22,mbtmp4.7/17,ML4.9/1,MS4.1/8, Ms1 4.1/8,ms1mx3.7/30, Error ellipse: s-maj=25.0km s-min=12.1km az=71.0, BJJ 11 07:32:20.3,2093N-11990E,h8km,mb5.0,mb4.7,ML4.2, MS4.7,MSz4.5

ISCJB 11 07:32:21.0 0.2,2077N-003-12017E-003,h25km, mb4.9/74,MS4.2/13, Error ellipse: s-maj=4.3km s-min=3.3km az=96.7, NEIC 11 07:32:22.8±0.2,2073N-120.13E,mb5.0/30, Error ellipse: s-maj=5.4km s-min=3.8km az=87.0, MOS 11 07:32:22.5±0.9,2080N-120.16E,h33km,mb5.2/31, Error ellipse: s-maj=11.3km s-min=5.1km az=117.7, SZGRF 11 07:32:29.0,2195N-11976E,h29km,mb5.2, Taiwan region

ISC 11 07:32:23.1±0.2,2081N-003-12013E-003,h27km, h27km,6km;p-P-7230,-e90/241,mb4.9/74,MS4.2/13, 33C-19D, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NACB Ninganchiao, YHNB Yeheng, QZH Quanzhou, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GYA, KKM Kota Kinabalu, JNU Nakatsue, etc.

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Table with columns: STA, Comp, X, Y, Z, S, P, M, Max, Min, Az, El, Res, etc. Includes stations like GTA, JOM, SONMI, ASAJ, GUN, PKI, ZAK, KKN, DMN, GKN, DANN, KOLN, MOY, WMQ, FITZ, MKAR, KRAR, YAK, KSH, WRAB, WRA, WRA, WB2, TKM2, PET, AAK, KURK, MA2, AS31, ASAR, ASPA, KK31, KKAR, SEY, CTA, STKA, AKTO, ARU, TOO, GNI, KIV, KIV, KIV, VRSR, VRSR.

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Table with columns: VRSR, Comp, X, Y, Z, S, P, M, Max, Min, Az, El, Res, etc. Includes stations like MOS, OBN, JOF, MCK, ARCES, KAF, FINES, BRTR, AKASG, AKASG, DAWT, SUW, VRI, BURAR, MLR, MLR, KWP, UZH, DRGR, CRVS, NIE, OJC, NB2, NOA, NOA, KECS, KECS, VYHS, VYHS, MORC, MORC, KSP, KSP, KSP, UPC, UPC, PKSM, VRAN, TREC, PANC, BRG, BRG, BRG, PRU, PRU, FBE, CLL, CLL, CLL, CLL, BRG, BRG, BRG, GERES, TANN, PERS, WERD, GUNZ, GUNZ, WET, WET, PDKM, MOX, MANZ, ROTZ, CLZ, CLZ, CLZ, LJU, GTTG, GRA1, GRA1, GRF, GRF, GRF.

11d 7h

Table with columns: GRF, Comp, X, Y, Z, S, P, M, Max, Min, Az, El, Res, etc. Includes stations like GRF, CADS, UBBA, YKA, YKA, IBBN, FUR, COF, GIVF, HAU, BAIF, LPG, LPG, LPL, LPL, LPL, MBDF, MBDF, MBDF, SBF, SBF, SBF, SBF, AVF, SMRF, VYV, TCF, FLN, EDM, SDV, ROSC, ROSC, OTAV, OTAV, CFAA, LPAZ, LPAZ.

IDC 11 07:35:24.21, 6.838N:1031.1W, h0km, mb3.8/4, mb1 4.0/5, mb1mx3.8/19, mbtmp3.8/5, ML3.3/1, MS3.9/1, Ms1 3.9/1, ms1mx3.2/22, Error ellipse: s-maj=57.6km s-min=31.7km az=94.0

ISCJB 11 07:35:25.0, 8.94N:0.1x1033W.01, h10km, mb4.3/21, MS4.0/1, Error ellipse: s-maj=23.6km s-min=10.0km az=76.7

NEIC 11 07:35:28.4, 0.857N:1030.7W, h10km, mb4.4/19, Error ellipse: s-maj=19.3km s-min=9.3km az=221.0

B. 11 07:35:28.3, 8.60N:1031.0W, h10km, mb5.5, Ms4.8, Msz4.4, ISC 11 07:35:27.8, 0.3, 84N.01, 1033W.01, h10km, m139, c059/133, mb4.3/21, MS4.0/1, 45C-43D, Northern East

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like CMIG, JCT, MNX, GDL2, TUC, 116A, 115A, OTAV, LAZ, Z14A, ANMO, ANMO, GLA, GLA, Y14A, Y13A, MONP, X15A, X14A, MIAR, BC3, PDMCI, X13A, IRM, W15A, WUAZ, WUAZ, BELC, W14A, BFSC, XDCO, SDOF, GSC, EDW2.

Table with columns: 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 PDMCI Parker Dam, X13A Yucca, IRM Iron Mountain, etc.

Table with columns: 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 YBH Yreka Blue Hor, L04A Klamath Falls, K05A Sunner Lake, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like PET comp=Z,100nm,0.9s, PET Petropavlovsk, AVH Avacha, etc.

CSEM 11 08:28:32.2±0.2, 5150Nk:1614E, h2km, ML2.5/3, Error ellipse: s-maj=3.8km s-min=1.7km az=34.0, Suspected Mining Induced. PRU 11 08:28:33.4, 5143Nk:1613E, h0km. VIE 11 08:28:33.8±0.4, 5132Nk:1622E, h0km, mb2.0/3, ML2.5/3, Error ellipse: s-maj=2.9km s-min=2.4km az=178.0 60 km WNW of Breslau Suspected Mining Induced. NEIC 11 08:28:36.0±1.2, 5128Nk:1600E, h5km, MG2.5(WAR), Error ellipse: s-maj=14.8km s-min=8.0km az=196.0. WAR 11 08:28:33.4, 5147Nk:1611E, ML2.5, 1C-2D, Mining Induced, Poland.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like KSP Ksiaz, JTK JTK, DPC Dobra, etc.

JMA 11 08:29:50.1±0.5, 4478N:14924E, h30km, M4.1, 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 NEM2 Nemuro 2, JRA Rausu, JRA Nakash, etc.

IDC 11 08:38:37.0±0.8, 2060N:11977E, h0km, mb3.7/8, mb1.4/0.6, mb1mx3.8/2.1, mbtmp3.7/8, MS3.1/1, M1s1 3.1/1, s-maj=16.6km az=70.0, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like JOW Kunigami, MJAR Matsushiro Arr, SONM Sonmigo Array, etc.

IDC 11 08:09:15.6±1.3, 2038N:12062E, h0km, mb3.4/4, mb1.3/7.4, mb1mx3.5/1.9, mbtmp3.5/4, MS3.3/1, M1s1 3.3/1, ms1mx2.9/2.0, Error ellipse: s-maj=45.6km s-min=24.2km az=74.0, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like JOW Kunigami, MJAR Matsushiro Arr, MKAR Makanchi Array, etc.

MOS 11 08:12:02.0±0.2, 5303N:15718E, h317km, mb4.3/1, Error ellipse: s-maj=78.1km s-min=38.4km az=49.6. KRSC 11 08:12:01, 5306N:15717E, h309km, ML4.1, Kamchatka Peninsula

IDC 11 08:02:07.3±3.7, 1279S:16668E, h106km, mb3.7/5, mb1.3/9.7, mb1mx3.1/2.4, mbtmp3.1/3, ML3.2/3, Error ellipse: s-maj=37.9km s-min=18.0km az=69.0, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AKASG, GERES, ESDC, ESLSA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KHET, KUDL, KUDL, KUDL, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TAOA, TOROI, TOROI, TOROI, etc.

NEIC 11 14:20:45.6, 4551N-2658E, h111km, MD2.9(BUC), After BUC.

CSEM 11 14:20:46.0, 0.7, 4554N-2663E, h110km, 7km, MD3.5/3, Error ellipse: s-maj=6.8km s-min=3.8km az=29.0, After BUC.

BUC 11 14:20:45.7, 0.9, 4552N-2658E, h112km, 9km, MD3.5/3, 10C-4D, Error ellipse: s-maj=8.7km s-min=5.6km az=25.0, Romania.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like VRI, VRI, VRI, VRI, etc.

GUC 11 14:21:32.3, 0.9, 22.12S-70.09W, h26km, 6km, MD4.6, ML4.6.

NEIC 11 14:21:35.8, 0.6, 22.06S-70.39W, mb4.4/5, ML4.6(GUC), Error ellipse: s-maj=16.5km s-min=10.0km az=113.0.

NEIC Felt [I] at Maria Elena and Tocopolita. BUI 11 14:21:35.0, 22.10S-70.04W, h36km, mb5.0, Ms4.9, Msz4.7.

ISCJB 11 14:21:37.6, 1.3, 22.17S-70.16W, 0.0, h60km, 9km, mb4.4/7, MS3.4/1, Error ellipse: s-maj=16.7km s-min=6.6km az=63.8.

IDC 11 14:21:37.1, 0.9, 22.19S-70.14W, h35km, 5km, mb4.2/6, mb1.4/0.8, mb1mx3.8/18, mbtmp4.2/8, ML4.1/1, MS3.2/4, Ms1.3/3.4, ms1mx3.1/1.9, Error ellipse: s-maj=18.6km s-min=14.3km az=11.0.

ISC 11 14:21:37.1, 1.4, 22.08S-70.73W, 0.1, h44km, 10km, h38km, 7km, p-P, n39, e126/36, mb4.4/7, MS3.4/1, 2C-4D, Near coast of northern Chile.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CEN1, CEN1, CEN1, LVC, LVC, etc.

LVC Limon Verde 1.41 112 Pg Pn 14 22 00.2 -0.1

LVC Limon Verde 1.41 112 ePn Pn 14 21 59.9 -0.9

ANCH Antofagasta 1.60 183 I/P Pn 14 22 05.4 +2.5

ANCH Antofagasta 1.60 183 I/S Pn 14 22 25.4 +3.0

ANCH Cerro Paranal 2.54 182 I/P Pn 14 22 46.0 +0.5

CDCH Caldera 5.00 185 eP Pn 14 22 49.9 -4.7

LPAZ La Paz 6.12 20 Pn Pn 14 23 15.5 +5.5

LPAZ La Paz 6.12 20 Pn Pn 14 23 10.7 +5.7

CFAA Coronel Fontan 9.67 169 Pn Pn 14 23 51.9 -1.7

CFAA Coronel Fontan 9.67 169 Pn Pn 14 25 41.8 +0.9

CFAA Coronel Fontan 9.67 169 Pn Pn 14 24 07.9 +1.1

SIV San Ignacio 10.63 57 Pn Pn 14 26 06.3 +1.7

SAML Samuel 14.75 29 eP Pn 14 25 00.7 -2.1

PLCA Paso Flores 18.60 181 P Pn 14 25 50.1 -1.2

PLCA Paso Flores 18.60 181 eP Pn 14 25 50.4 -0.9

BDFB Brasilia 22.05 77 P Pn 14 26 28.9 +0.9

BDFB Brasilia 22.05 77 Pn Pn 14 35 59.3

RCBR Rachiuelo 36.97 69 eP Pn 14 28 42.0 0.0

SNAASanae 62.17 161 P Pn 14 31 53.6 -0.3

IDC 11 12:34:39.4, 3.8, 2059N-12107E, h0km, mb3.7/3, mb1.3/3, mb1mx3.6/1.9, mbtmp3.7/3, MS3.8/1, Ms1.3/1.1, ms1mx2.2/3.5, Error ellipse: s-maj=303.2km s-min=28.2km az=60.0, Philippine Islands region.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MKAR, MKAR, WRA, ASAR, etc.

IDC 11 13:42:11.0, 6.7, 838S-12580E, h193km, 70km, mb3.3/1, mb1.3/3, mb1mx3.2/13, mbtmp3.9/3, MS3.8/1, Ms1.3/8/1, ms1mx2.7/10, Error ellipse: s-maj=176.1km s-min=24.1km az=62.0.

ISC 11 13:42:06.5, 2.1, 93S-01x1244E-01, h146km, 24km, n8, e183/12, mb3.6/1.1, TD, Timor region.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KAKA, KAKA, FITZ, WRA, etc.

WRA Warrungarra Arr 14.30 139 eP Pn 13 47 56.8 -3.7

WB2 Warrungarra Arr 14.30 139 eP Pn 13 47 53.4 -7.3

ASPA Alice Springs 16.94 149 I/P Pn 13 49 00.9 -2.2

ASAR Alice Springs 16.94 149 I/P Pn 13 45 58.8 +4.0

ASAR Alice Springs 16.94 149 I/P Pn 13 49 05.0 +1.8

PSI Prapat 28.11 294 LR LR 14 01 54.9

MKAR Makanchi Array 67.25 330 P Pn 13 52 44.0 -1.1

MAN 11 13:55:06.5, 1037N-12601E, h10km, mb2.5, ML4.0, MS2.9, 1C, Philippine Islands region.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SCPH, SCPH, MSLP, MSLP, etc.

SCPH Surigao 0.77 221I eP Pn 13 55 21.2 -0.3

MSLP Maasin 1.125 209 eP Pn 13 55 36.4 +4.8

PLP Palo 1.29 308 eP Pn 13 55 29.9 -0.6

BESP Borongan 1.35 336 eP Pn 13 55 48.3 +0.9

OCLP Ormoc 1.53 296 eP Pn 13 55 32.2 -1.8

ISC 11 14:16:17.3, 1.8, 3016N-009.696E-01, h80km, 28km, n17, e097/22, ID, Pakistan.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SBDP, THW, CEP, etc.

SBDP Sheikh Budin 2.36 25 Op Pn 14 16 17.8 -0.2

THW Thamme Wali 3.19 34 I/P Pn 14 17 04.9 -0.3

CEP Cherat 4.14 27 P Pn 14 17 17.8 -0.2

CHCP Chirah Chowk 4.67 41 P Pn 14 17 25.1 -0.1

THN Thein Dam 5.69 65 eP Pn 14 17 39.3 +0.1

KHET Khetri 5.80 109 eS Pn 14 18 43.7 -2.1

KHET Khetri 5.80 109 eS Pn 14 18 45.6

ISCJB 11 14:30:29.7, 0.5, 4591N-002.315E-004, h10km, 9km, Error ellipse: s-maj=5.0km s-min=3.7km az=158.7.

STR 11 14:30:30.4, 0.1, 4593N-3.16E, h5km, 1km, M11.9, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0.

LDG 11 14:30:31.1, 0.1, 4591N-3.14E, h4km, Mdl 1.8, M11.7/6, Error ellipse: s-maj=1.3km s-min=1.0km az=56.0.

ISC 11 14:30:50.5, 0.5, 4591N-002.315E-004, h10km, 9km, n12, e043/22, France.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AGO, AGO, PLDF, PLDF, etc.

ATH 11 14:43:29.2, 3428N-2643E, h42km, 3km, MD3.5/3, CSEM 11 14:43:29.3, 0.1, 3465N-2669E, h10km, MD3.5/3, Error ellipse: s-maj=3.2km s-min=1.4km az=36.0.

ISCJB 11 14:43:30.7, 0.6, 3452N-2661E-007, h10km, Error ellipse: s-maj=11.0km s-min=4.7km az=92.4.

HLW 11 14:43:32.4, 3472N-262E, h33km, Mb3.5, ISC 11 14:43:31.8, 0.6, 3459N-006-2658E-007, h10km, n14, e056/17, 2C-6D, Crete.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like XRY, XRY, XRY, NPS, etc.

WRA Warrungarra Arr 42.83 194 Op Pn 15 22 12.3 +0.5

ASAR Alice Springs 46.53 193 P Pn 15 22 41.1 -0.2

MKAR Makanchi Array 55.16 312 P Pn 15 23 47.1 +0.6

JOF Joensuu 58.42 335 eP Pn 15 26 24.5 -1.1

FINES FINESS Array B 83.29 335 P Pn 15 26 40.1 -0.6

WEL 11 15:44:53.4, 0.4, 3858S-17558E, h163km, 3km, ML3.6/16, 2C-1D, Error ellipse: s-maj=2.9km s-min=2.7km az=0.0, North Island.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PKVZ, MOVZ, VRZ, etc.

PKVZ Pokaka 0.73 194 Pn Pn 15 45 17.7 +0.2

MOVZ Moawhango 0.84 171 Pn Pn 15 45 18.3 +0.1

VRZ Vera Road 0.84 229 Pn Pn 15 45 18.2 0.0

BKZ Black Stump Fm 0.92 130 Pn Pn 15 45 19.2 +0.4

URZ Urewera 1.24 76 Pn Pn 15 45 38.4 0.0

WAZ Wanganui 1.26 201 Pn Pn 15 45 21.6 -0.1

TSZ Takapari Road 1.51 169 Pn Pn 15 45 23.7 -0.4

MWZ Matawai 1.55 82 Pn Pn 15 45 24.5 +0.1

KNZ Kokohu 1.69 106 Pn Pn 15 45 26.3 +0.3

PUZ Puketiti 2.17 77 Pn Pn 15 45 31.2 0.0

KIW Kapiti Island 2.34 193 Pn Pn 15 45 31.1 -2.1

MXZ Matakoaka Point 2.38 66 eP Pn 15 45 33.7 0.0

CAW Cannon Point 2.56 189 Pn Pn 15 45 33.6 -2.3

DTW D'Urville Islet 2.56 209 Pn Pn 15 45 33.3 -2.6

MUW Mount Morrison 2.56 181 Pn Pn 15 45 33.6 -2.5

MIRW Makara Radio 2.73 194 Pn Pn 15 45 35.3 -2.6

WEL Wellington 2.77 193 Pn Pn 15 45 35.9 -2.5

SNZO South Karori 2.81 194 eP Pn 15 45 36.0 -2.9

TSW Tory Channel 2.81 200 Pn Pn 15 45 36.6 -2.8

MCSW Moikua Station 2.84 185 Pn Pn 15 45 36.7 -2.8

TSZ Taramania 3.11 203 Pn Pn 15 45 37.5 -3.2

BNZ Nelson 3.13 212 eP Pn 15 45 39.7 -3.2

SNW Blackbirch Sta 3.39 202 Pn Pn 15 45 40.3 -0.2

THZ Tophouse 3.78 212 Pn Pn 15 45 46.9 -3.3

KHZ Kahutara 4.14 201 Pn Pn 15 45 52.2 -3.6

IDC 11 16:02:22.3, 1.3, 3010S-6903W, h104km, 9km, mb3.7/6,

Table with columns: Code, Station Name, Az, El, Az El, Time, Res. Includes stations like KMI Kunming, KOLN Koldand, KKN Kakani, DMN Dama, PKI Pulchoki, BHPH Bhopal, BOK Bokaro, FITZ Fitzroy Crossi, POO Poona, POC Chiang Mai, CHTO Khon Kaen, KAD Karad, NWAO Narojning (SRO), KLBR Kellerberrin, HYB Hyderabad, VIS Vishakhapatnam, KSM Kuching, PSI Prapat, PSI Prapat.

NAO 11 17:02:14.7, 4052N, 1209E, h33km, mb2.9
SZGRF 11 17:02:15.2, 3907N, 1482E, h10km, Tyrrhenian Sea
ROM 11 17:02:22.6, 0.2, 3967N, 1531E, h315km, 3km, MI3.8/58,
Error ellipse: s-maj=2.8km s-min=2.7km az=7.0
PDG 11 17:02:22.6, 0.7, 3973N, 1527E, h31km, 2km
PRU 11 17:02:22.7, 3909N, 1400E, h0km, M4.4
LDG 11 17:02:23.0, 3.9, 3985N, 1536E, h280km, Mb4.4/42, Error
ellipse: s-maj=14.4km s-min=7.0km az=24.0
CSEM 11 17:02:24.0, 0.0, 3966N, 1512E, h300km, mb4.1/20,
ML4.1/18, Error ellipse: s-maj=1.1km s-min=0.9km az=6.0
BUJ 11 17:02:24.0, 3970N, 1520E, h297km, mb5.0, mb4.8
MOS 11 17:02:25.0, 1.0, 3969N, 1512E, h305km, mb4.1/18, Error
ellipse: s-maj=3.9km s-min=2.9km az=112.0
ISCJB 11 17:02:25.0, 0.1, 3969N, 002x, 1518E, 002, h301km, 1km,
mb4.2/41, Error ellipse: s-maj=2.5km s-min=2.0km
az=24.3
IDC 11 17:02:26.6, 0.9, 3983N, 1501E, h300km, 11km, mb3.7/15,
mb1.3/26, mb1mx3.7/35, mbtmp4.2/6, Error ellipse:
s-maj=10.1km s-min=9.1km az=151.0
NEIC 11 17:02:26.1, 0.1, 3970N, 1517E, h298km, 2km, mb4.4/72,
MD3.8(PDG), Error ellipse: s-maj=2.8km s-min=2.0km
az=191.0

Table with columns: Code, Station Name, Az, El, Az El, Time, Res. Includes stations like CUC Castrocucco, CMPR Campora, SLCN Sala Consilina, CDRU Civita di Ruta, SCHR S. Chirico Rap, ORI Oriolo Calabro, MRLC Muro Lucano, MCRV Calabrutti - M, CRAC Craco, SLNA Salina, SNAL S. Angelo Dei, IFIL Filicudi Eol, VULT Monte Vulture, LLI Lipari, GRI Girifalco, MIGL Miglionico, CAFE Carife, TIP Timpagrande, VPL Vulcano Piano, PALZ Palazzo San Ge, MG4 Candela, MSRU Castanea, SCLL Scilla, MSI Messina ING, PSB1 Pecosannita, CEL Celeste, PLAC Plicanica, CDT Castel del Mon, SG1 Sgolgiore (BA), AMUR Altamura, VENT Ventotene, MTG Motta San Giov, SOI Samo.

Table with columns: Code, Station Name, Az, El, Az El, Time, Res. Includes stations like MMME Mongiuffi-Meli, SGG Gregorio Mates, NOCI Noci, VAGA Valle Agricola, USI Ustica, BAI Bari, GIB Gibilmanna, RGN Rignano Grg, CSLB Castelbuono, ESLN Serra La Nave, MIDA Miranda, POC Monte S. Angel, FGMS Monte Sant'Ang, CERA Cerreto, MPG Monte Pellegr, RN2 Rignano S. Rato, VAE Valguarnera, LCI Lecce, GIUL Giuliano Di Ro, HAGA Augusta, AGST Augusta-Monte, VVLD Villa Vellelon, INTR Introdacqua, GUAR Guarino, SSS Sortino, HVZN Vizzini, CLTB Caltabellotta, ERC Erice, FAVR Favara, HAVL Avola, HMDC Modica, RDP Rocca di Papa, CERT Cerreto, FAGN Fagnano, AQU L'Aquila, FIAM Fiamignano, TERO Teramo, MNS Montasola, LNSS Leonessa, TOLF Tolla, KEK Kerkira, HCY Herce Novi, HUC Uclinj, BUM Brajci-Budva, PMS Pantelleria, TIR Tirane, TIR Tirane, IGT Igouenitsa, BRY Bratogost, BRY Bratogost, TTT Podgorica, NKY Niksic, DGI Dorgali Grotta, LKD Lkvas, FSSB Fossambrone, UPM Anc-Piva, OHR Ohr, VSL Villasalto, VSL Villasalto, VSL Villasalto, PVY Plav, GRFL Gerfalco, IVA Berane, CSNT Castellina Chi, PLE Pilejvica, FNA Florina, BIA Bitola, SFI Santa Sofia, PII Pisa, PII Pisa, FNVD Fontana Vidola, PGF Pioggia, PGF Pioggia, PZTT Monte Pizzetto, MAIM Maimon, BDI Bagni Di Lucca, BDI Bagni Di Lucca, AGG Agios Georgios, LIT Litokhoron, GRG Griva.

Table with columns: Code, Station Name, Az, El, Az El, Time, Res. Includes stations like DIVS Divcibare, STIP Stip, SARO Sassorosso, BOJCS Bojanci, VINCA Vinca, ERMB Erando, VALM Valmiera, THE Thessaloniki, KNT Kendrikon, KEST Kesra, GRAM Gram, XOR Xorichti, JAVS Javornik, SC2M Scurtabr, SOH Sokhos, PLG Polygyros, SRS Serrai, VTS Vitohsa, VTS Vitohsa, AOS Anisios, MMB Musoniste, CUR Curanopolis, OBKA Obala, FIN Finale Ligure, RORO Roro, PCP Pian Castagno, NEGI Negi, PKSM Moragy, PKSM Moragy, MONE Monesi, ROB Roburet, SAOF Saog, SBF Sbf, SBF Sospel, TOUF Tournefort, ENR Entraque, STV Sta Anna Valdi, LMR La Moure, LMR La Moure, FRF La Foret Royal, FRF La Foret Royal, KBA Koelnbreinsper, KBA Koelnbreinsper, KBA Koelnbreinsper, KBA Koelnbreinsper, KBA Koelnbreinsper, KBA Koelnbreinsper, BZS Buzias, BZS Buzias, PZZ Prazzo, BERNI Berninapass, FUORI Otenpas-Fuorn, ORX Orzi, VDL Val di Lepa, WTTA Wattenberg, WTTA Wattenberg, WTTA Wattenberg, WTTA Wattenberg, RSP Reno Superiore, MBDF Montbardon, MBDF Montbardon, SOTA Sankt Quirin, SOTA Sankt Quirin, DAVOX Davos/Dischmat, DAVOX Davos/Dischmat, WATA Walderalm, WATA Walderalm, RRL Cesana Torines, KARN Karanos, MOLIN Molin, MOA Mollin, MOTA Moosalm, MOTA Moosalm, OG25 Le Cairo, LND Ceresole Reale, BSI Bardonecchia, BNI Bardonecchia, BNI Bardonecchia, FUSIO Fusio, MMK Matranj, SMRF Simiane la Rot, SMRF Simiane la Rot, ALN Alexandroupoli, LLS Linth-Limmern, PLONS Pions, LPGA La Plagne, LPGA La Plagne, DAVA Danuels, DAVA Danuels, LPL La Plagne, LPL La Plagne, APE Apeiranthos, CHOS Chios, DIX Grande Dixence, GVD Gavdhos, LIENZ Kamor/St.Gall, ORIF Oris-en-Rattie, ORIF Oris-en-Rattie, LKBD Le Bourget, LUOD Luotathal, RSL Rosend, BNAL Bannalp, HASLI Hasliberg.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CBIJ Chichi jima, JHJ Hachijo jima 2, WRA Warramunga Arr, MKAR Makanchi Array, etc.

ISC/B 11 19:42:19.8:0.3,4681N:001:668E:003,h5km,3km, Error ellipse: s-maj=3.0km s-min=2.1km az=2.0

ZUR 11 19:42:20.5,4680N:684E,h2km,3km,ML1.9/7 STR 11 19:42:21.3:0.2,4679N:689E,h10km,1km,M12.1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 11 19:42:21.5:0.1,4681N:679E,h3km,MD2.5/1,M12.4/17, Error ellipse: s-maj=1.3km s-min=0.8km az=99.0

ISC 11 19:42:20.9:0.3,4681N:001:675E:003,h12km,3km,n41,c0570/68,3C-2D, Switzerland

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TORNY Torny/Romont, BRANT Les Verrieres, GIMEL St. Georges, etc.

Error ellipse: s-maj=2.3km s-min=1.1km az=118.0 STR 11 19:47:11.8:1.1,4722N:753E,h5km,1km,M11.6, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, Switzerland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LOMF Lomont, HINF Hinterfeld, ECH Echery, etc.

IDC 11 20:24:38.0:4.2,227S:15243E,h0km,mb3.8/2,mb1 4.0/2, mb1mx3.8/13,mbmp3.8/2, Error ellipse: s-maj=175.4km s-min=51.2km az=112.0, New Ireland region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TORO Torrid Ar. Bea, etc.

SFS 11 20:39:43.0,3680N:722W,h0km,ML2.4 LDG 11 20:39:43.0:0.3,3676N:748W,h10km,ML3.3/1, Error ellipse: s-maj=5.2km s-min=4.3km az=139.0

NEIC 11 20:39:44.0,3675N:740W,h2km,ML2.6(MDD), After MDD. INMG 11 20:39:44.1:1.2,3675N:740W,h2km,3km,MD2.8,ML2.5, Error ellipse: s-maj=4.0km s-min=1.9km az=47.0

CSEM 11 20:39:45.1:0.2,3689N:718W,h40km,ML2.4, Error ellipse: s-maj=5.3km s-min=2.3km az=30.0

MDD 11 20:39:43.8:0.7,3673N:743W,h34km,17km,mbLg2.6/19, 1C-3D, Error ellipse: s-maj=8.3km s-min=3.9km az=32.0, PRXIMO, Strait of Gibraltar

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ERIP Rio Piedras, EGRO El Granado, EMIN Mina Concepcion, etc.

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ECOG Cogollos-Vega, EQUER 2.5km, EQUER 0.1nm,1s,SNR=7.9, etc.

CSEM 11 21:01:45.8,2972N:5136E,h15km,ML3.1, After THR THR 11 21:01:45.8:0.4,2972N:5136E,h15km,7km,ML3.1

ISCJB 11 21:01:47.4:0.5,2972N:004:5160E:004,h10km, Error ellipse: s-maj=6.5km s-min=4.5km az=10.6

KISR 11 21:01:48.7:0.8,2979N:5154E,h34km,ML2.9, ISC 11 21:01:48.9:0.5,2974N:004:5159E:004,h10km,n11,

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GHIR Ghr-Karzin, GHIR comp=E,230nm,0.3s, GHIR comp=N,181nm,0.5s, etc.

LDG 11 19:47:07.3:0.1,4708N:737E,h8km,MD1.9/1,M11.9/7,

IDC 11 21:10:25.5,6.6,1316N,14297E,h182km,69km,mb3.4/3,
 mb1 3.6/3,mb1mx3.2/18,mbtmp3.9/18,MS3.4/1,MS1 3.4/1,
 ms1mx2.5/28,Error ellipse: s-maj=120.2km
 s-min=27.0km,az=98.0,South of Mariana Islands

SZGRF 11 21:19:23.8,2244S,17874W,h33km, South of Fiji Islands
 ISCB 11 21:19:33.0,0.7,2193S:006:17949W,005,h591km,10km,
 mb4.8/4.1,Error ellipse: s-maj=9.7km s-min=7.1km
 az=139.3

NEIC 11 21:19:34.0,0.7,2193S:17946W,h591km,9km,mb5.0/21,
 Error ellipse: s-maj=9.8km s-min=6.4km az=166.0
 BUJ 11 21:19:34.2,2190S:17950W,h591km,mb4.9,mb4.8
 IDC 11 21:19:35.0,1.0,2196S:17955W,h595km,9km,mb4.1/14,
 mb1 4.1/18,mb1mx4.0/22,mbtmp5.1/18,Error ellipse:
 s-maj=11.7km s-min=9.9km az=4.0
 MOS 11 21:19:35.2,2.2,2199S:17960W,h585km,mb5.0/10,
 Error ellipse: s-maj=11.8km s-min=10.8km az=23.1
 BGS 11 21:19:38.6,2193S:17946W,h591km,mb5.0,(NEIC)
 ISC 11 21:19:34.3,0.7,2198S:006:17948W,005,h586km,9km,
 n272,19105/101,mb4.8/4.1,21-C0D,FFI Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC	Res
GUMO	Guam	1.90	77	Op	P	ISC	21 11 02.9	+1.4	
GUMO		11m,0.3s,baz=196,slow=11,SNR=5.2				Pn	21 11 29.5	0.0	
WRA	Warramunga Arr	33.97	195	P	P		21 16 51.7	+0.1	
ASAR	Alice Springs	37.66	194	P	P		21 17 23.1	+0.2	
SOMN	Songino Array	46.04	326	LR	LR		21 37 46.3		
FINES	FINES Array B	90.76	335	P	P		21 23 07.5	-0.3	
RAO	Raoul Island	7.38	169	P	P		21 22 59.7	-0.7	
AFI	Afiamau	10.86	44	P	P		21 22 00.0	-1.3	
AFI	Afiamau	10.86	44	P	P		21 23 55.7	-6.4	
AFI	Afiamau	10.86	44	P	P		21 22 00.1	-1.2	
AFI	Afiamau	10.86	44	P	P		21 23 54.0	-8.2	
DZM	Mont Dzumac	13.06	267	P	P		21 22 22.2	-1.3	
URZ	Urewera	17.49	190	P	P		21 22 55.1	-1.5	
URZ		4.8m,0.3s,baz=29,slow=22,SNR=7.7				S	21 25 32.9	-8.6	
RAR	Rarotonga	16.34	91	P	P		21 23 13.3	-0.2	
RPZ	Rata Peaks	23.06	198	P	P		21 23 56.0	+0.1	
ARMA	Armidale	27.20	246	P	P		21 24 34.5	+2.2	
TBI	Tubuai	27.43	199	P	P		21 24 37.0	+0.8	
PPT	Papeete	28.45	86	P	P		21 24 44.1	+0.9	
PPT	Papeete	28.45	86	P	P		21 24 44.1	+0.9	
TVO	Taravao	28.70	87	P	P		21 24 46.0	+0.6	
TVO	Taravao	28.70	87	P	P		21 24 46.0	+0.6	
CNB	Canberra Magne	30.27	237	P	P		21 25 00.4	+1.5	
PNOR	Pomario Rie	30.82	83	P	P		21 25 04.1	+0.5	
VAH	Vaihoo	30.88	83	P	P		21 25 04.5	+0.4	
CTA	Charters Tower	32.00	267	P	P		21 25 14.8	+1.1	
CTA	Charters Tower	32.00	267	P	P		21 27 45.5		
CTA	Charters Tower	32.00	267	P	P		21 25 14.8	+1.1	
CTA	Charters Tower	32.00	267	P	P		21 27 45.3	+0.1	
CTAO	Charters Tower	32.00	267	P	P		21 25 14.7	+1.0	
TOO	Toolangi	33.92	235	P	P		21 25 30.8	+1.0	
TOO	Toolangi	33.92	235	P	P		21 25 30.8	+1.0	
PMG	Port Moresby	34.38	286	P	P		21 25 34.5	+0.9	
PMG	Port Moresby	34.38	286	P	P		21 25 34.4	+0.8	
PMG	Port Moresby	34.38	286	P	P		21 25 34.3	+0.7	
STKA	Stephens Creek	35.92	246	P	P		21 25 47.2	+0.8	
STKA	Stephens Creek	35.92	246	P	P		21 25 47.5	+1.1	
AS31	Alice Springs	42.86	258	P	P		21 26 42.4	+0.5	
AS31	Alice Springs	42.86	258	P	P		21 26 42.2	-2.6	
ASAR	Alice Springs	42.86	258	P	P		21 26 42.5	+0.5	
ASAR	Alice Springs	42.86	258	P	P		21 31 15.6	+0.7	
ASAR	Alice Springs	42.86	258	P	P		21 32 21.4	-3.4	
ASAR	Alice Springs	42.86	258	P	P		21 26 42.5	+0.6	
ASAR	Alice Springs	42.86	258	P	P		21 26 42.4	-3.4	
ASPA	Alice Springs	42.86	258	P	P		21 26 42.4	+0.5	
ASPA	Alice Springs	42.86	258	P	P		21 26 42.4	+0.5	
WB2	Warramunga Arr	43.04	264	P	P		21 26 43.3	-0.1	
WRAB	Tennant Creek	43.04	264	P	P		21 26 43.2	-4.6	
WRA	Warramunga Arr	43.05	264	P	P		21 26 43.2	-0.2	
WRA	Warramunga Arr	43.05	264	P	P		21 28 20.1	+0.3	
WRA	Warramunga Arr	43.05	264	P	P		21 31 16.8	+1.1	
WRA	Warramunga Arr	43.05	264	P	P		21 32 23.9	-3.7	
WRA	Warramunga Arr	43.05	264	P	P		21 26 43.2	-0.2	
WRA	Warramunga Arr	43.05	264	P	P		21 28 20.1	+0.3	
WRA	Warramunga Arr	43.05	264	P	P		21 32 23.9	-3.7	
WRA	Warramunga Arr	43.05	264	P	P		21 26 43.2	-0.2	
KAKA	Kakadu	46.65	273	P	P		21 33 16.4	-1.6	
KAKA	Kakadu	46.65	273	P	P		21 27 16.7	-0.2	
FORT	Forrest	47.45	248	P	P		21 27 46.2	+0.2	
FITZ	Fitzroy Crossi	51.48	264	P	P		21 27 46.2	+0.2	
FITZ	Fitzroy Crossi	51.48	264	P	P		21 34 23.2	-0.5	
FITZ	Fitzroy Crossi	51.48	264	P	P		21 27 47.0	+0.6	
KLBR	Kellerberrin	56.19	246	P	P		21 28 19.3	-0.3	
MWBA	Marble Bar	60.20	259	P	P		21 28 19.3	-0.3	
VNDA	Vanda	56.33	185	P	P		21 28 21.3	+0.8	
VNDA	Vanda	56.33	185	P	P		21 28 21.3	+0.8	
NWAO	Narogin (SRO)	56.33	185	P	P		21 28 21.6	+0.1	
NWAO	Narogin (SRO)	56.48	244	P	P		21 28 20.9	-0.6	
MUN	Mundaring	57.45	245	P	P		21 28 37.7	+7.5	
CASY	Casey	62.05	205	P	P		21 28 58.1	+0.5	
JHU	Hachijo jima 2	67.18	324	P	P		21 29 30.2	-0.7	
QSPA	South Pole Qu	68.10	180	P	P		21 29 36.9	+0.4	
MIR	Milnyy	69.08	205	P	P		21 29 57.0	+1.2	
MIR							21 29 57.0		

JOW	Kunigami	70.08	311	P	P	21 29 48.4	0.0
MJAR	Matsushiro Arr	70.60	325	P	P	21 29 51.0	-0.3
MAJO	Matsushiro	70.60	325	P	P	21 29 51.1	-0.3
MAJO	Matsushiro	70.60	325	P	P	21 29 51.1	-0.2
MAJO	Matsushiro	70.60	325	P	P	21 29 50.8	-0.6
KAT	Kuching	72.27	379	P	P	21 30 01.5	+0.5
YSS	Yuzh-Sakhalins	76.61	334	P	P	21 30 24.8	-0.6
PET	Petrovopol	77.06	347	P	P	21 30 24.9	-3.0
MAW	Mawson	79.71	200	P	P	21 30 41.4	-0.6
MAW	Mawson	79.71	200	P	P	21 30 41.7	-0.3
MAW	Mawson	79.71	200	P	P	21 30 41.4	-0.6
MDJ	Mudanjiang	80.94	326	P	P	21 30 48.8	+0.4
MDJ	Mudanjiang	80.94	326	P	P	21 30 48.8	+0.4
MDJ	Mudanjiang	80.94	326	P	P	21 30 49.3	+0.9
CN2	Changchun	82.64	323	P	P	21 30 57.9	+0.9
CN2	Changchun	82.64	323	P	P	21 30 57.9	+0.9
NVNR	Nevaya	83.04	44	P	P	21 30 59.7	+0.7
SYO	Syowa Base	84.99	193	P	P	21 31 06.5	-2.1
SYO	Syowa Base	84.99	193	P	P	21 31 10.0	-0.6
KKTK	Khon Kaen	85.08	290	P	P	21 31 10.6	+1.6
BJT	Baijituau	85.97	316	P	P	21 31 13.9	+0.6
BJT	Baijituau	85.97	316	P	P	21 31 13.9	+0.6
BJT	Baijituau	85.97	316	P	P	21 31 13.9	+0.6
SNA	Sanae	86.57	179	P	P	21 31 14.2	-1.9
SNA	Sanae	86.57	179	P	P	21 31 15.7	
SNA	Sanae	86.57	179	P	P	21 31 18.8	
SNA	Sanae	86.57	179	P	P	21 31 13.9	-2.2
VNA1	Neumayer-Stat	87.47	177	P	P	21 31 19.2	-0.9
VNA1	Seymchan	87.50	348	P	P	21 31 19.8	-0.7
XAN	Xi'an	87.94	308	P	P	21 31 23.3	-0.8
KMI	Kunming	88.80	298	P	P	21 31 28.6	+2.1
KMI	Kunming	88.80	298	P	P	21 31 28.6	+2.1
PLCA	Paso Flores	89.25	134	P	P	21 31 29.1	+0.4
HHC	Hu-ho-hao-te	89.40	315	P	P	21 31 28.5	-0.8
HHC	Hu-ho-hao-te	89.40	315	P	P	21 31 28.5	-0.8
HHC	Hu-ho-hao-te	89.40	315	P	P	21 31 28.5	-0.8
HHC	Hu-ho-hao-te	89.40	315	P	P	21 31 28.5	-0.8
CHTO	Chiang Mai	89.46	290	P	P	21 31 31.1	+1.6
CHTO	Chiang Mai	89.46	290	P	P	21 31 31.1	+1.6
COLA	College	89.94	131	P	P	21 31 29.0	-2.8
BILL	Bilibino	90.36	355	P	P	21 31 29.8	-3.9
CD2	Chengdu	90.43	303	P	P	21 31 32.6	-1.5
LZH	Lanzhou	92.58	308	P	P	21 31 45.1	+1.2
LZH	Lanzhou	92.58	308	P	P	21 31 45.1	+1.2
LZH	Lanzhou	92.58	308	P	P	21 33 45.2	-6.0
LZH	Lanzhou	92.58	308	P	P	21 34 38.2	-1.1
LZH	Lanzhou	92.58	308	P	P	21 35 39.5	+3.6
YAK	Yakutsk	92.97	339	P	P	21 35 43.8	-1.9
ZAL	Zalesovo	110.78	321	P	P	21 36 58.8	-2.4
MK31	Makanchi Array	111.20	313	P	P	21 37 00.0	-2.1
MKAR	Makanchi Array	111.20	313	P	P	21 33 08.1	+1.0
MKAR	Makanchi Array	111.20	313	P	P	21 37 00.2	-1.9
MKAR	Makanchi Array	111.20	313	P	P	21 33 08.1	+1.0
MKAR	Makanchi Array	111.20	313	P	P	21 37 00.2	-1.9
VOSK	Vostochnaya	118.96	319	P	P	21 37 14.8	-2.1
KK31	Karatay Array	119.08	308	P	P	21 37 15.7	-1.5</

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MANZ Manzenberg, ROTZ Rotzenmühle, HEXT Exmoor, etc.

ISCJB 11 21:31:09.4,4.6, 231S,0.4,179W,0.6, h500km, mb4.1/7, Error ellipse: s-maj=89.3km s-min=19.7km az=104.9

NEIC 11 21:31:11.0,4.9, 231.45S,179.73W, h509km,47km, mb4.7/3, Error ellipse: s-maj=50.6km s-min=19.4km az=217.0

IDC 11 21:31:14.9,7.9, 233.73S,179.66W, h531km,72km, mb3.6/7, m1 3.7/8, mb1mx3.5/16, mbtmp4.5/8, Error ellipse: s-maj=68.6km s-min=22.4km az=166.0

ISC 11 21:31:09.4,4.6, 231S,0.4,179W,0.6, h500km, n18, -0.58/15, mb4.1/7, ID, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ Urewera, RPZ Rata Peaks, CTA Charters Tower, etc.

IDC 11 21:53:14.3,4.5, 1168S,166.53E, h228km,44km, mb3.8/9, mb1 4.0/10, mb1mx3.8/16, mbtmp4.4/10, MS3.6/1, Ms1 3.6/1, ms1mx2.8/22, Error ellipse: s-maj=30.9km s-min=20.6km az=155.0

NEIC 11 21:53:15.9,3.0, 1170S,166.54E, h249km,31km, mb4.2/2, Error ellipse: s-maj=26.1km s-min=13.3km az=164.0

ISCJB 11 21:53:16.4,4.2, 118S,0.2,166.5E,0.1, h269km,45km, mb4.0/10, Error ellipse: s-maj=32.5km s-min=19.5km az=145.0

ISC 11 21:53:17.6,4.3, 119S,0.2,166.7E,0.1, h269km,48km, n30, -0.58/17, mb4.0/10, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, DZM Mont Dzumac, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NVAR Mina Array Bay, MKAR Makanchi Array, ARCES ARCES Array B, etc.

IDC 11 21:55:28.4,6.5, 1021S,161.57E, h94km,42km, mb3.7/3, mb1 9.9/4, mb1mx3.5/14, mbtmp4.1/4, Error ellipse: s-maj=60.8km s-min=33.5km az=100.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HNR Honiara, HNR Honiara, CTA Charters Tower, etc.

PRE 11 22:04:29.8,1.6, 2139S,328.2E, h5km, ML3.5, Mozambique

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

ISCJB 11 22:09:17.3,0.4, 4020S,0.03,174.27E,0.05, h117km,5km, mb4.2/3, Error ellipse: s-maj=7.6km s-min=3.9km az=58.5

IDC 11 22:09:17.5,1.7, 4025S,174.56E, h110km,16km, mb3.7/2, mb1 3.7/4, mb1mx3.5/13, mbtmp3.9/4, Error ellipse: s-maj=34.9km s-min=15.3km az=142.0

WEL 11 22:09:19.0,0.2, 4017S,174.25E, h105km,2km, ML4.6/24, Error ellipse: s-maj=1.5km s-min=0.6km az=90.0, reported intensity MM 4.

WEL Fell from Wanganui to Wellington, and from Nelson to Manawatu, maximum.

NEIC 11 22:09:18.7,0.1, 4016S,174.26E, h108km, MG4.6(WEL), After WEL

NEIC Fell at Nelson and Wanganui. ISC 11 22:09:18.3,0.4, 4019S,0.03,174.28E,0.05, h109km,5km, n112, -0.58/91, mb4.2/3, 9C-3D, Cook Strait

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DUVZ D'Urville Isla, WAZ Wanganui, KIWI Kapiti Island, etc.

ISCJB 11 22:49:48.0,3.8, 2055N,120.80E, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.5/19, mbtmp3.5/3, MS3.2/2, Ms1 3.2/2, ms1mx2.5/27, Error ellipse: s-maj=31.8km s-min=28.2km az=60.0, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JOW Kunigami, MKAR Makanchi Array, WRA Warrungarra Arr, etc.

ISCJB 11 22:59:01.5,0.4, 2075N,0.03,120.41E,0.06, h19km, mb4.3/29, MS3.6/9, Error ellipse: s-maj=8.7km s-min=0.0km az=173.3

IDC 11 22:59:02.0,0.7, 2071N,120.41E, h17km,3km, mb3.9/12, mb1 4.0/12, mb1mx3.9/22, mbtmp4.0/12, MS3.5/7, Ms1 3.6/7, ms1mx3.1/33, Error ellipse: s-maj=36.8km s-min=14.9km az=66.0

NEIC 11 22:59:03.1,0.6, 2063N,120.51E, mb4.5/10, Error ellipse: s-maj=15.4km s-min=12.2km az=87.0

BUI 11 22:59:07.3, 21.29N,119.36E, h19km, mb4.7, mb4.4, ML3.6, MS3.9, MS3.7

SZGRF 11 22:59:12.7, 23.32N,120.78E, h27km, mb4.6, Taiwan

ISC 11 22:59:03.0,4.4, 2076N,0.04,120.38E,0.07, h20km, h20km,1.0km,p-P, n55, -0.1944/57, mb4.3/29, MS3.6/9, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PAWZ Paruwai Farm, PAWZ Paruwai Farm, QNZ Quartz Range, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ Urewera, URZ Urewera, LTZ Lake Taylor, etc.

MAN 11 22:34:40.0, 1028N,126.10E, h24km, mb1.9, ML3.6, MS3.4, 1C, Philippine Islands region

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

IDC 11 22:49:48.0,3.8, 2055N,120.80E, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.5/19, mbtmp3.5/3, MS3.2/2, Ms1 3.2/2, ms1mx2.5/27, Error ellipse: s-maj=31.8km s-min=28.2km az=60.0, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JOW Kunigami, MKAR Makanchi Array, WRA Warrungarra Arr, etc.

ISCJB 11 22:59:01.5,0.4, 2075N,0.03,120.41E,0.06, h19km, mb4.3/29, MS3.6/9, Error ellipse: s-maj=8.7km s-min=0.0km az=173.3

IDC 11 22:59:02.0,0.7, 2071N,120.41E, h17km,3km, mb3.9/12, mb1 4.0/12, mb1mx3.9/22, mbtmp4.0/12, MS3.5/7, Ms1 3.6/7, ms1mx3.1/33, Error ellipse: s-maj=36.8km s-min=14.9km az=66.0

NEIC 11 22:59:03.1,0.6, 2063N,120.51E, mb4.5/10, Error ellipse: s-maj=15.4km s-min=12.2km az=87.0

BUI 11 22:59:07.3, 21.29N,119.36E, h19km, mb4.7, mb4.4, ML3.6, MS3.9, MS3.7

SZGRF 11 22:59:12.7, 23.32N,120.78E, h27km, mb4.6, Taiwan

ISC 11 22:59:03.0,4.4, 2076N,0.04,120.38E,0.07, h20km, h20km,1.0km,p-P, n55, -0.1944/57, mb4.3/29, MS3.6/9, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CVP Callao Caves, NACB Ninganchiao, YHNB Yeheng, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include Paradox Valley, Bucoovina Array, Kalwaria, ULM, SDCO, ANMO, Vranov, CLL, PRU, RKT, KHC, GERES, GRA1, GRF, DAVOX, TORO, LPZA, SAML, etc.

JMA 12 01:26:41.6:0.1, 431BN, 14523E, h79km, 1km, M3.7, 3C-4D, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include NEM2, NEM2, JAK, JAK, JNK, JNK, JRA, JRA, JOB, JAR, JAR, JTRK, JTRK, JCH, JCH, JMP, JMP.

ISCJB 12 01:31:53.7:0.3, 1787S:004:6924W, 005, h139km, mb4.4/32, Error ellipse: s-maj=7.2km s-min=5.4km az=94.7

ISC 12 01:31:55.0:0.5, 1805S:6926W, h138km, 3km, mb4.1/18, mb1.4/23, mb1mx4.2/26, mbtmp4.5/23, MS3.0/1, Ms1.3, 1/1, ms1mx2.4/27, Error ellipse: s-maj=11.9km s-min=7.5km az=99.0

NEIC 12 01:31:55.2:0.3, 1794S:6922W, mb4.6/18, Error ellipse: s-maj=9.4km s-min=6.4km az=64.0

ISC 12 01:31:55.5:0.3, 1798S:005:6934W, 005, h141km, 1h41km, 1.6km; pP-P, n76, e1914/78, mb4.4/32, 2C-2D, Peru-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include LPAZ, LPAZ, LPAZ, LPAZ, ARE, LVC, LVC, SIV, NNA, NNA, NNA, SAML, SAML, SAML, CFAA, CFAA, CFAA, CPUP, CPUP, ATAH, ATAH, OTAV, OTAV, BDFB, BDFB, PLCA, PLCA, CAM4, CAM4, CAM4, SDV, PCRV, PCRV, RCBR, RCBR, MTP, MTP, USHA, USHA, CMIG, CMIG.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CMIG, DWPF, BBSR, SWET, OXF, WVT, MIAR, SIUC, ACSO, CCM, WMOK, KSU1, JFMO, JWFW, VNA1, VNA1, VNA1, SDCO, SNAAS, SNAAS, SNAAS, SNAAS, DBIC, ARUT, PDAR, PDAR, PDAR, HWUT, ULM, ULM, ULM, NVAR, SCHO, SCHO, PAHR, TOAO, TORO, TORO, TORO, TORO, MIDT, VDA, TSUM, TSUM, ESCD, ESCD, BOLA, BOLA, LBTB, YKA, MAW, MAW, KEST, LSZ, LSZ, ASAR, ASAR, BVAR, BVAR, WRA, WRA, WRA, ZAL, ZAL, ZAL, MK31, MKAR, MJAR, SONM, SONM, SONM, NEIC 12 01:37:52.2, 3482Sx7171W, h44km, MD3.8(GUC), After GUC 12 01:37:52.2:0.8, 3482S-7171W, h44km, 2km, MD3.8, ML3.4, 8C-5D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PCH, PCH, COCH, COCH, COCH, COCH, CLCH, CLCH, CLCH, CCHI, CCHI, PEL, PEL, FCH, FCH, FCH, JACH, JACH.

IDC 12 02:05:14.0:1.8, 830N:9342E, h0km, mb3.76, mb1.3/8.6, mb1mx3.6/20, mbtmp3.7/6, Error ellipse: s-maj=87.1km s-min=22.4km az=57.0

ISCJB 12 02:05:24.9:1.4, 84N:03:936E:04, h100km, mb3.8/8, Error ellipse: s-maj=66.0km s-min=13.7km az=110.5

ISC 12 02:05:28.4:5.8, 84N:03:936E:04, h115km, 55km, n12, e1912/12, mb3.8/8, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PKI, DMN, GUN, KKN, GKN, KOLN, MKAR, SONM, WRA, ASAR, FINES, ARCES.

IDC 12 02:26:19.7:0.7, 2340S:17589W, h0km, mb4.3/10, mb1.4/5.1/11, mb1mx4.4/17, mbtmp4.3/11, ML4.1/1, MS4.3/21, Ms1.4, 3/21, ms1mx4.1/30, Error ellipse: s-maj=23.9km s-min=18.3km az=132.0

BJI 12 02:26:23.3, 2368S:17535W, h43km, mb5.4, mb5.1, Ms5.3, MSz4.8

ISCJB 12 02:26:24.1:0.4, 2355S:008:17599W, 009, h33km, mb4.7/23, MS4.4/22, Error ellipse: s-maj=13.1km s-min=11.2km az=82.4

NEIC 12 02:26:26.8:3.6, 2345S:17603W, h43km, 31km, mb4.8/15, Error ellipse: s-maj=17.0km s-min=12.7km az=201.0

GCMT 12 02:26:26.8:0.4, 2377S:17520W, h28km, 1km, MW5.0/68, Moment Tensor Solution, S32, c44, s68, c86; Duration: 0.06sec; tensor: Scale 1019Nm; Mrc3.41±2.0; Mww=0.05t; Mw=2.76z; Mw=0.95t; Ms=2.3; Mww=0.92t; Mw=1.93t; Ms=1.8; Best double couple: M3.905000°; 1016; NP1=18.90000°; 828.0000°; 1.85.0000°; NP2=9.240000°; 862.0000°; 1.93.0000°. Principal axes: T 4.0610, P1g7.0300°, Azm300.000°; N -0.3150, P1g2.0000°, Azm202.000°; P -3.7490, P1g17.0000°, Azm12.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 12 02:26:25.8:0.5, 2357S:008:17590W, 009, h35km, (h49km, 7.8km; pP-P), n116, e1920/44, mb4.7/23, MS4.4/22, 3C-6D, Tonga Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AFI, AFI, RAR, RAR, URZ, DZM, DZM, RPZ, TBI, TBI, PPT, PPT, HNR, CTA, CTA, CTA, TAOE, TAOE, RKT, PMG, PMG, STKA, STKA, STKA, STKA, KAKA, GUMO, FITZ, FITZ, VVDA, VVDA, NWAO, RPV, RPV, CASEY, CASEY, GSPA.

12d 3h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like HJH, JMW, JAR, MAW, etc.

2006 OCT

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like RJF, KEST, TORO, etc.

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Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KAKA, FITZ, WRA, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like Urumqi, Songjiao Array, Lanzhou, Kunming, etc.

NIED 12 03:23:00.4100N.14200E.h62km.Mw4.0 Best double couple: Mo=1.13000e-12... MOS 12 03:23:04.41.3.4071N.14172E.h33km.mb4/2/11... ISCJBJ 12 03:23:08.9.0.4.4097N.003.14194E.006.h68km.3km...

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like Nango, Temnabayashi, Ohata, Kayabe, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like Hagfors, NORARS Subarra, NORARS Array B, etc.

CASC 12 03:53:02.0.2.3.871N-8439W.h5km.11km.MD4.2,ML3.2

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like La Lucha 2, Bijagal, Cobano, etc.

ISCJBJ 12 04:04:05.2.0.7.1274N.010.4876E.009.h10km, mb3.9/17, MS3/7/16, Error ellipse: s-maj=14.7km s-min=12.2km... IDC 12 04:04:05.4.0.8.1278N.4876E.h0km.mb3.8/12...

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like Arta Tunnel, Wadi Sarin, Kilima Mbogo, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like Alice Springs, Mina Array Ba, etc.

MOS 12 04:28:33.9.0.8.5172N.1605E.h10km.mb3.7/1, Error ellipse: s-maj=1.11km s-min=5.1km az=84.0... IPEC 12 04:28:34.5.0.3.5168N.1615E.h0km.ML3.0/4, Error ellipse: s-maj=1.9km s-min=1.5km az=45.0...

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like Ksiaz, Ujpec, Dobruska-Polom, etc.

ISC 12 04:28:35.2.0.3.5160N.002.1597E.002.h0km.n84, s=1509/154.7C-2D, Poland

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like Panska Ves, Berggiesshubel, Ruedersdorf, etc.

12d 5h

Table of astronomical observations for 12d 5h, listing station names, coordinates, and various parameters like SNR and error margins.

2006 OCT

Main table of astronomical observations for 2006 OCT, including station names, coordinates, and parameters. Includes a detailed section for SZGRF 12 05:30:30.2, 3.92N, 95.49E, h33km, mb5.6.

406

Table of astronomical observations for 406, listing station names, coordinates, and various parameters.

2006 OCT

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like BHL, COBT, YAK, YAK, YAK, etc.

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like JOF, JOF, JOF, JOF, JOF, etc.

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like ARSA, ARS, ARS, ARS, ARS, etc.

12d 5h

Table with columns: RAR, Lot#, Description, Price, SNR, Status, Date, Time, etc. Includes entries like RAR Lot# 105.92 111, A04A Legoe Bay, EDM Edmonton, etc.

2006 OCT

Table with columns: EGMT, Lot#, Description, Price, SNR, Status, Date, Time, etc. Includes entries like EGMT Eagleton, L05A Lakeview, I09A Lost Marbles R, etc.

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Table with columns: REDW, Lot#, Description, Price, SNR, Status, Date, Time, etc. Includes entries like REDW Red Top Meadow, S05C Merced, P02A Austin, etc.

12d 8h

comp=E,279nm,0.3s	FCH Farellones	4.56 168	eP	Pn	07 49 51.1	+1.2
CLCH Cerro Calan	4.59 171	eP	Pn	07 49 50.9	+0.6	
CLCH	07 50 41.4	-0.9				
CLCH	07 50 58.5					
comp=E,210nm,0.4s	LVC Limon Verde	6.61 20	P	Pn	07 50 16.1	-2.0
comp=E,0.4nm,0.3s,baz=218,slow=12,SNR=6.0	LVC		S	Sn	07 51 39.3	+7.3
comp=E,1.6nm,0.3s,baz=288,slow=12,SNR=2.3	LVC		Lg		07 52 06.3	
comp=E,8.0nm,0.3s,baz=132,slow=23,SNR=5.6	LVC Limon Verde	6.61 20	P	Pn	07 50 16.1	-2.0
LVC			ePn	Sn	07 50 16.6	-1.5
LVC			S	Sn	07 51 39.4	+7.3
LVC			Lg		07 52 06.3	
CPUP Villa Florida	12.74 82	P	Pn	07 51 42.5	+0.7	
comp=E,0.2nm,0.3s,baz=230,slow=16,SNR=3.3	CPUP		ePn	Pn	07 51 41.8	0.0
CPUP	12.74 82	ePn	Pn			
LPAZ La Paz	12.87 14	P	Pn	07 51 43.9	+0.3	
comp=E,0.1nm,0.3s,baz=153,slow=17,SNR=2.2	LPAZ		P	Pn	07 51 43.9	+0.3
LPAZ	12.87 14	P	Pn			
SIV San Ignacio	15.96 39	P	Pn	07 52 24.0	-0.3	
comp=E,1.1nm,0.3s,baz=222,slow=17,SNR=4.5	MAW	77.95 164	eP	P	08 00 35.8	+0.4
MAW			P			
comp=E,10nm,1.8s,mb4.5	TORD Torodi Arr. Bea	81.96 70	P	P	08 00 56.9	-0.2
comp=E,0.6nm,0.5s,mb3.8,baz=270,slow=5.3,SNR=5.5	WRA Warramunga Arr	125.49 210	PKP	PKPpdf	08 07 39.3	+1.2
comp=E,0.6nm,0.7s,baz=153,slow=1.7,SNR=12	ZAL Zalesovo	149.52 28	PKPbc	PKPbc	08 08 26.9	+0.6
ZAL	149.52 28	PKPbc	PKPbc			
MKAR Makanchi Array	152.77 42	PKPbc	PKPbc	08 08 34.0	+0.2	
comp=E,0.4nm,0.5s,baz=317,slow=1.2,SNR=5.2						

ISCJB 12:07:53:49.2:0.2,3581N:001:397W:002,h10km,Error ellipse: s-maj=2.2km s-min=2.0km az=66.4
MDD 12:07:53:50.7:0.3,3583N:396W:h0km,mbLg3.5/9,Error ellipse: s-maj=2.8km s-min=2.5km az=28.0,PRXIMO
SFS 12:07:53:50.0,3586N:397W,h0km,ML3.4
NEIC 12:07:53:50.9,3586N:397W,h0km,ML3.6(LDG),MN3.4(MDD),After MDD.
LDG 12:07:53:51.6:0.2,3567N:391W,h10km,ML3.6/4,Error ellipse: s-maj=4.5km s-min=3.7km az=7.0
INMG 12:07:53:51.6:1.4,3589N:396W,h2km,3km,ML3.3,Error ellipse: s-maj=2.8km s-min=2.6km az=152.0
CNRM 12:07:53:52.4,3577N:392W,h17km,MD4.0
CSEM 12:07:53:52.3:0.1,3565N:386W,h35km,ML3.9/17,Error ellipse: s-maj=2.6km s-min=2.4km az=111.0
ISC 12:07:53:50.1:0.2,3580N:001:397W:002,h10km,n133,+1544/222,3C-4D,Strait of Gibraltar

Code	Station Name	Δ° AZ'	Phase ID	Op	ISC	Time	Res
						h m s	ISC
MPAL	Palemas	0.57 178	iP	Pg		07 54 03.0	+1.8
MPAL			iS	Pg		07 54 09.5	+0.8
EALB	Alboran	0.77 79	lP	Pg		07 54 05.3	+0.2
EALB	Alboran	0.77 79	Pg	Pg		07 54 15.3	
EALB	Alboran	0.77 79	Pg	Pg		07 54 05.3	+0.3
TOU	Touzarine	0.85 168	iP	Pg		07 54 07.0	+0.5
TOU			iS	Pg		07 54 19.0	+1.4
EMEL	Melilla	0.96 121	lP	Pg		07 54 07.7	-1.0
EMEL	Melilla		Lg			07 54 19.1	
EMLI	Melilla	0.97 120	Pg	Pg		07 54 07.7	-1.1
MELI	Melilla	0.98 120	iP	Pg		07 54 07.9	-1.1
MELI			eS	Pg		07 54 20.5	-1.3
MELI			Pg	Pg		07 54 07.9	-1.1
MELI			eS	Pg		07 54 20.5	-1.3
MAL	Malaga	0.99 339	iP	Pg		07 54 09.1	-0.1
MAL			eS	Pg		07 54 22.8	+0.6
EMIJ	Mijas	1.00 320	Pg	Pg		07 54 09.1	-0.3
EMIJ			Lg			07 54 22.5	
EGUA	Gujarres	1.08 17	lP	Pb		07 54 09.3	-1.6
EGUA			Lg			07 54 23.0	
EGUA	Gujarres	1.08 17	Pg	Pb		07 54 09.3	-1.6
EGUA			Lg			07 54 23.0	
DKH	Dar Kharkhour	1.17 255	P	Pb		07 54 12.0	-0.5
DKH			S	Sb		07 54 12.0	+0.3
DKH			S	Sb		07 54 12.0	-0.5
DKH			S	Sb		07 54 28.0	+0.3
REAL	Reales	1.21 305	P	Sb		07 54 11.6	-1.6
REAL			S	Sb		07 54 26.7	-2.1
REAL	Reales	1.21 305	eP	Pg		07 54 11.6	-1.5
ERON	Agron	1.23 6	Pg	Pg		07 54 11.4	-1.8
ERON			Lg			07 54 28.0	
ERON	Agron	1.23 6	Pg	Pn		07 54 11.4	-1.8
ERON			Lg			07 54 28.0	
MDAL	Dalia	1.23 275	iP	Pn		07 54 14.5	+1.1
ZAI	Zaio	1.30 129	iP	Pn		07 54 13.0	-1.3
ZAI			iS	Sb		07 54 28.5	-2.8
ELOJ	Sierra Loja	1.36 354	Pg	Pn		07 54 14.1	-1.0
ELOJ			Lg			07 54 33.2	
EJIF	Jimena Fronter	1.38 299	Pg	Pn		07 54 14.3	-1.1
EJIF			Lg			07 54 35.6	
EBER	Berja	1.40 38	lP	Pn		07 54 14.8	-0.9
EBER			Lg			07 54 33.5	
EBER	Berja	1.40 38	Pg	Pn		07 54 14.8	-0.9
EQUE	Quentar	1.47 17	lP	Pg		07 54 16.8	+0.2
EQUE			Lg			07 54 35.5	
EQUE	Quentar	1.47 17	Pg	Pn		07 54 16.8	+0.2
ECOG	Cogollos-Vega	1.51 12	Pg	Pn		07 54 17.1	-0.1
ECOG			Lg			07 54 36.9	
MOMI	Momias	1.51 291	P	Pg		07 54 20.9	+1.7
MOMI			S	Sx		07 54 48.8	
MOMI	Momias	1.51 291	P	Pg		07 54 20.9	+1.8
LJJA	Lijar	1.60 314	P	Pg		07 54 20.8	-0.1
LJJA			iS	Pg		07 54 45.0	+3.5
LJJA	Lijar	1.60 314	P	Pg		07 54 20.9	0.0
LJJA			iS	Pg		07 54 45.0	+3.4
TAF	Taforal	1.61 127	P	Pn		07 54 14.0	-4.5
TAF			S	Sn		07 54 33.0	-6.3
TSY	Tsiny Yamani	1.68 256	iP	Pn		07 54 22.0	+2.4
TSY			iS	Pn		07 54 40.0	+1.2
RSA	Sarsar	1.77 239	iP	Pn		07 54 23.0	+2.2
RSA			iS	Pn		07 54 41.0	-2.4
ELUO	Luque	1.78 352	Pg	Pn		07 54 21.9	+1.1
ELUO			Lg			07 54 44.9	
CNIL	Conil	1.78 289	P	Pg		07 54 23.8	-0.5
CNIL			S	Sg		07 54 49.2	+1.9
CNIL	Conil	1.78 289	iP	Pn		07 54 23.8	-0.5
CNIL			eS	Pn		07 54 49.2	+1.8
ENIJ	Nijar	1.84 50	Pn	Pg		07 54 19.5	-2.2
ENIJ			Pg	Pg		07 54 25.3	-0.2
ESPR	Espera	1.86 306	Pg	Pg		07 54 24.1	-1.7
ESPR			Lg			07 54 49.4	
ESPR	Espera	1.86 306	Pg	Pg		07 54 24.1	-1.7
ESPR			Lg			07 54 49.4	

2006 OCT

SFS	San Fernando	1.93 291	P	Sg	Pg	07 54 28.0	+0.9
SFS	San Fernando	1.93 291	eP	Sg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	eS	Pg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	P <td>Sg</td> <td>Pg</td> <td>07 54 53.5</td> <td>+1.4</td>	Sg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	eS	Pg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	P <td>Sg</td> <td>Pg</td> <td>07 54 53.5</td> <td>+1.4</td>	Sg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	eS	Pg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	P <td>Sg</td> <td>Pg</td> <td>07 54 53.5</td> <td>+1.4</td>	Sg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	eS	Pg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	P <td>Sg</td> <td>Pg</td> <td>07 54 53.5</td> <td>+1.4</td>	Sg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	eS	Pg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	P <td>Sg</td> <td>Pg</td> <td>07 54 53.5</td> <td>+1.4</td>	Sg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	eS	Pg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	P <td>Sg</td> <td>Pg</td> <td>07 54 53.5</td> <td>+1.4</td>	Sg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	eS	Pg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	P <td>Sg</td> <td>Pg</td> <td>07 54 53.5</td> <td>+1.4</td>	Sg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	eS	Pg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	P <td>Sg</td> <td>Pg</td> <td>07 54 53.5</td> <td>+1.4</td>	Sg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	eS	Pg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	P <td>Sg</td> <td>Pg</td> <td>07 54 53.5</td> <td>+1.4</td>	Sg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	eS	Pg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	P <td>Sg</td> <td>Pg</td> <td>07 54 53.5</td> <td>+1.4</td>	Sg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	eS	Pg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	P <td>Sg</td> <td>Pg</td> <td>07 54 53.5</td> <td>+1.4</td>	Sg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	eS	Pg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	P <td>Sg</td> <td>Pg</td> <td>07 54 53.5</td> <td>+1.4</td>	Sg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	eS	Pg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	P <td>Sg</td> <td>Pg</td> <td>07 54 53.5</td> <td>+1.4</td>	Sg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	eS	Pg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	P <td>Sg</td> <td>Pg</td> <td>07 54 53.5</td> <td>+1.4</td>	Sg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	eS	Pg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	P <td>Sg</td> <td>Pg</td> <td>07 54 53.5</td> <td>+1.4</td>	Sg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	eS	Pg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	P <td>Sg</td> <td>Pg</td> <td>07 54 53.5</td> <td>+1.4</td>	Sg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	eS	Pg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	P <td>Sg</td> <td>Pg</td> <td>07 54 53.5</td> <td>+1.4</td>	Sg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	eS	Pg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	P <td>Sg</td> <td>Pg</td> <td>07 54 53.5</td> <td>+1.4</td>	Sg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	eS	Pg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	P <td>Sg</td> <td>Pg</td> <td>07 54 53.5</td> <td>+1.4</td>	Sg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	eS	Pg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	P <td>Sg</td> <td>Pg</td> <td>07 54 53.5</td> <td>+1.4</td>	Sg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	eS	Pg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	P <td>Sg</td> <td>Pg</td> <td>07 54 53.5</td> <td>+1.4</td>	Sg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	eS	Pg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	P <td>Sg</td> <td>Pg</td> <td>07 54 53.5</td> <td>+1.4</td>	Sg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	eS	Pg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	P <td>Sg</td> <td>Pg</td> <td>07 54 53.5</td> <td>+1.4</td>	Sg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	eS	Pg	Pg	07 54 53.5	+1.4
SFS	San Fernando	1.93 291	P <td>Sg</td>	Sg			

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like COGOLLO-Vega, ELUO Luque, EQES Quesada, etc.

NEIC 12 08:02:01.3-0.7, 4.92N-94.93E, h30km, mb4.4/1, Error ellipse: s-maj=35.4km s-min=9.8km az=46.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PSI Prapat, WSAR Wadi Sarin, MKAR Makanchi Array, etc.

MDD 12 08:14:08.1-0.5, 3617N-343W, h0km, mb3.6/1, mBlG1.8/7, IC Error ellipse: s-maj=6.1km s-min=2.9km az=57.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like EALB Alboran, EGUA Guajares, EBER Berja, etc.

INMG 12 08:33:14.4-1.4, 3807N-934W, h26km, ML1.9, Error ellipse: s-maj=8.9km s-min=3.2km az=73.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PTEO Sao Teotonio, PLOU Loures, PMAFR Mafra, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PESTR Estremoz, EBAD Badajoz, EMIN Mina Concepcio, etc.

ISCJB 12 08:34:35.6-0.6, 4455N-002.678E, 0.05, h12km, 6km, Error ellipse: s-maj=6.3km s-min=3.3km az=150.7

STR 12 08:34:36.9-0.1, 4455N-687E, h2km, 1km, M11.9, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 12 08:34:36.7-0.0, 4456N-682E, h3km, M1.8/1, M11.8/6, Error ellipse: s-maj=0.6km s-min=0.3km az=76.0

ISC 12 08:34:36.3-0.6, 4455N-002.680E, 0.05, h11km, 6km, n12, c019/21, France

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like SURF Saint Ours, MBDIF Montbardon, OG22 Abries, etc.

IDC 12 08:41:14.7-8.2, 2041S-17883W, h626km, 90km, mb3.0/5, mb1.3/2/5, mb1mx3.0/13, mbtmp4.1/5, Error ellipse: s-maj=117.9km s-min=43.6km az=149.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like CTA Charters Tower, STKA Stevens Creek, ASAR Alice Springs, etc.

NEIC 12 08:55:34.3, 2863S-7166W, h29km, ML3.7(GUC), After GUC

GUC 12 08:55:34.3-1.1, 2863S-7166W, h29km, ML3.7, 2C-2D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like YACH Vallendar, LCO Las Campanas, LSCH La Serena, etc.

NEIC 12 09:06:57.8, 4794S-16577E, h77km, ML3.8(WEL), After WEL, Off west coast of South Island

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like APZ The Paps, SYZ Scrubby Hill, MLZ Mavora Lakes, etc.

IDC 12 09:10:57.6-2.1, 387S-13463E, h0km, mb4.0/2, mb1.4/1.4, mb1mx3.8/10, mbtmp4.0/4, ML3.9/2, Error ellipse: s-maj=96.9km s-min=26.3km az=77.0

NEIC 12 09:11:03.4-4.2, 394S-13446E, h35km, 32km, mb4.2/1, Error ellipse: s-maj=48.8km s-min=20.9km az=64.0

ISCJB 12 09:11:07.1-3.1, 44S-0.1x1347E, 0.2, h54km, 28km, mb3.9/3, Error ellipse: s-maj=31.3km s-min=20.7km az=59.8

ISC 12 09:11:11.8-3.7, 45S-02x1345E, 0.2, h78km, 30km, n11, c067/14, mb3.8/3, Irian Jaya region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like KAKA Kakadu, WB2 Warramunga Arr, WRA Warramunga Arr, etc.

ISCJB 12 09:13:38.2-0.5, 5890N-003x1887E, 0.05, h0km, Error ellipse: s-maj=5.4km s-min=3.3km az=121.6

CSEM 12 09:13:38.1-0.1, 5886N-1877E, h1km, ML3.0, Error ellipse: s-maj=3.4km s-min=2.2km az=144.0, Mining explosion

UPP 12 09:13:39.1, 5890N-1882E, h0km, ML3.0, Mining explosion

HEL 12 09:13:40.0-0.1, 5890N-1878E, h0km, ML2.2, ML3.0(UPP), Explosion

IDC 12 09:13:43.9-2.1, 5926N-1868E, h0km, mb1.3/0/4, mb1mx2.9/21, mbtmp2.9/4, ML2.5/4, Error ellipse: s-maj=31.5km s-min=6.8km az=173.0

ISC 12 09:13:39.1-0.5, 5891N-003x1884E, 0.05, h0km, n27, c19/14, Baltic Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like NYNU Nyaeshaam, NYRU Norrtalje, VIKI Vitkiblandet, etc.

HFS comp=2.0, 9nm, 0.3s, baz=123, slow=16, SNR=18

HFS comp=2.0, 9nm, 0.3s, baz=115, slow=16, SNR=21

HFS comp=2.1, 3nm, 0.3s, baz=114, slow=24, SNR=7.9

MEF Mefshavi 3.12 63 S Pn 09 14 30.2 +0.8

MEF comp=2.6, 3nm, 0.3s 3.12 63 Pn 09 15 05.6 +1.2

MEF Mefshavi 3.12 63 Pn 09 14 30.2 +0.7

MEF comp=2.6, 3nm, 0.3s 3.12 63 Pn 09 15 05.8 +1.1

PVF Pernaja 3.92 62 eS Pn 09 14 40.7 +0.2

PVF comp=2.4, 2nm, 0.3s 3.92 62 Pn 09 15 45.9 -1.8

PVF Pernaja 3.92 62 Pn 09 14 40.6 +0.2

PVF comp=2.4, 2nm, 0.3s 3.92 62 Pn 09 15 43.1 -1.8

NOA NORSPAR Array B 4.39 302 Pn 09 14 46.8 -0.1

NOA comp=2.0, 0.3nm, 0.3s, baz=300, slow=14, SNR=2.9

NOA comp=2.0, 0.4nm, 0.3s, baz=186, slow=14, SNR=3.0

NOA comp=2.0, 0.8nm, 0.3s, baz=210, slow=12, SNR=2.8

FAIO FINESS Array S 4.42 52 eP Pn 09 14 48.8 +1.5

FAIO comp=2.8, 2nm, 0.2s 4.42 52 Pn 09 15 01.9 -1.7

FAIO FINESS Array S 4.42 52 Pn 09 14 48.8 +1.5

FAIO comp=2.0, 0.3nm, 0.3s, baz=246, slow=12, SNR=11

FINES FINESS Array B 4.42 52 Pn 09 14 49.5 +2.1

FINES comp=2.0, 0.3nm, 0.3s, baz=235, slow=15, SNR=9.2

FINES comp=2.0, 0.4nm, 0.3s, baz=244, slow=25, SNR=4.3

FINES comp=2.1, 0nm, 0.3s, baz=245, slow=23, SNR=12

KEF Keuruu 4.42 40 eP Pn 09 14 48.7 +1.3

KEF comp=2.2, 7nm, 0.2s 4.42 40 Pn 09 15 00.6 -1.9

KEF Keuruu 4.42 40 Pn 09 14 48.7 +1.3

KEF comp=2.2, 7nm, 0.2s 4.42 40 Pn 09 15 39.9 +0.3

VAF Ylistaro 4.55 23 eP Pn 09 14 50.2 +1.0

VAF comp=2.4, 0nm, 0.2s 4.55 23 Pn 09 15 02.5 +2.7

VAF Ylistaro 4.55 23 Pn 09 14 50.1 +1.0

VAF comp=2.4, 0nm, 0.2s 4.55 23 Pn 09 15 42.9 +0.2

KAF Kangasniemi 4.89 46 eS Pn 09 15 15.1 +0.3

KAF comp=2.9, 9nm, 0.2s 4.89 46 Pn 09 15 15.1

SUF Sumiainen 5.24 40 eP Pn 09 14 59.3 +0.7

SUF comp=2.1, 6nm, 0.3s 5.24 40 Pn 09 16 26.3 -0.4

VRAC Vranov 9.07 189 eS Sx Pn 09 18 38.6

VRAC comp=2.0, 2nm, 0.3s, baz=190, slow=13, SNR=9.0

IDC 12 09:42:22.8-8.9, 454S-15309E, h0km, mb3.8/3, mb1.4/0/3, mb1mx3.8/10, mbtmp3.8/3, Error ellipse: s-maj=147.1km s-min=98.7km az=17.0, New Ireland region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like WARR Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, etc.

ISCJB 12 09:53:27.9-0.7, 3650N-006x2116E, 0.05, h51km, Error ellipse: s-maj=8.1km s-min=5.2km az=14.1

CSEM 12 09:53:28.6-0.1, 3651N-2119E, h40km, ML3.8, Error

12d 10h

ellipse: s-maj=4.5km s-min=1.9km az=177.0
NEIC 12 09:53:29.5, 3656N-2134E, h42km, MG3.8(ATH), After ATH.

ATH 12 09:53:29.7, 3657N-2135E, h51km, 7km, MD3.8/14, ML3.8
HLW 12 09:53:41.2, 3031N-1775E, h33km, Mb3.6

ISC 12 09:53:28.6-0.6, 3643N-005-2120E:006, h51km, 49km, n40, c19/10/49, Southern Greece

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Lists stations like Ithomi, Veilai, Kithira, Riolos of Patr, etc.

ISCJCB 12 10:09:42.5-0.6, 4435N-003-706E:005, h8km, 7km, Error ellipse: s-maj=6.7km s-min=3.3km az=108.4

STR 12 10:09:42.9-0.3, 4436N-709E, h5km, 1km, M11.9, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 12 10:09:43.0-1.1, 4437N-709E, h2km, Md2.0/2, M2.0/4, Error ellipse: s-maj=1.5km s-min=0.7km az=55.0

ISC 12 10:09:42.8-0.6, 4436N-003-708E:005, h12km, 6km, n13, c6/42/24, Northern Italy

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Lists stations like Saint Ours, Montbardon, L'Aution, etc.

ISCJCB 12 10:17:06.6-0.4, 5902N-004-1830E:006, h0km, Error ellipse: s-maj=6.0km s-min=3.2km az=111.5

CSEM 12 10:17:07.2-0.1, 5903N-1818E, h1km, ML2.9, Error ellipse: s-maj=4.6km s-min=2.2km az=139.0, Mining explosion.

UPP 12 10:17:07.3, 5900N-1819E, h0km, ML2.9, Mining explosion.

HEL 12 10:17:08.2-0.1, 5900N-1818E, h0km, ML1.8, ML2.9(UPP), Explosion

ISC 12 10:17:07.5-0.4, 5902N-003-1821E:006, h0km, n35, c0/95/52, Sweden

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Lists stations like Nynas, Nyrnaeshamm, VIKU, etc.

2006 OCT

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Lists stations like Keuruu, Ylistaro, FINESS Array S.

comp=Z, 1.5nm, 0.2s
comp=Z, 0.9nm, 0.2s

comp=Z, 1.2nm, 0.3s
comp=Z, 1.3nm, 0.2s

comp=Z, 1.1nm, 0.2s
comp=Z, 0.6nm, 0.2s

ISC 12 10:18:14.9-2.9, 962S-10975E, h0km, mb3.7/3, mb1 3.8/3, mb1mx3.5/16, mbtmp3.7/3, MS3.7/1, Ms1 3.7/1, ms1mx2.7/24, Error ellipse: s-maj=53.4km s-min=29.0km az=49.0, South of Jawa

comp=Z, 1.49nm, 1.8, sbaz=189, slow=30
0.6nm, 0.8, sbaz=288, slow=11, SNR=5.0

comp=Z, 1.2nm, 0.2s
comp=Z, 1.1nm, 0.2s

ISCJCB 12 10:23:00.8-0.8, 86N-0.1-1034W:02, h10km, mb4.2/25, MS4.0/13, Error ellipse: s-maj=25.9km s-min=8.5km az=109.2

ISC 12 10:23:00.3-0.9, 871N-10342W, h0km, mb3.9/9, mb1 4.1/10, mb1mx4.0/21, mbtmp3.9/10, ML3.2/1, MS4.0/13, Ms1 4.0/13, ms1mx3.8/27, Error ellipse: s-maj=35.6km s-min=16.8km az=61.0

NEIC 12 10:23:02.4-0.6, 862N-10336W, h10km, mb4.4/19, Error ellipse: s-maj=17.7km s-min=9.1km az=58.0

BUI 12 10:23:02.4, 860N-10340W, h10km, mb5.4, Ms4.9, Msz4.6

ISC 12 10:23:03.4-0.8, 870N-010-1033W:01, h10km, n57, c18/12/37, mb4.2/25, MS4.0/13, Northern East Pacific Rise

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Lists stations like Matias Romero, HKT, MNTX, etc.

comp=Z, 1.1m, 21.2s, baze=212, slow=33
23m, 1.1s, mb4.5

comp=Z, 1.1m, 0.2s
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comp=Z, 1.1m, 0.2s

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Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Lists stations like HHC, NJ2, WRA, ASAR, MKAR, WMQ, LZH, LZH, LZH.

comp=Z, 2.55nm, 20.2s, MS4.0, baze=120, slow=34
comp=Z, 2.55nm, 20.2s, MS4.9

HEL 12 10:32:35.5-0.3, 5898N-1795E, h0km, ML1.9, Explosion
ISCJCB 12 10:32:38.3-1.2, 5938N-009-182E:0.1, h0km, Error ellipse: s-maj=12.9km s-min=8.1km az=139.3

ISC 12 10:32:39.7-2.9, 5925N-1827E, h0km, mb1 3.2/3, mb1mx3.0/21, mbtmp3.1/3, ML2.1/2, Error ellipse: s-maj=36.4km s-min=9.0km az=179.0

ISC 12 10:32:38.7-1.2, 5922N-009-182E:01, h0km, n11, c15/24/21, Sweden

comp=Z, 3.3nm, 0.2s
comp=Z, 3.3nm, 0.2s

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comp=Z, 3.3nm, 0.2s

NEIC 12 10:33:53.9, 1591N-9764W, h27km, MD3.7(MEX), After MEX.

MEX 12 10:33:54.0-0.7, 1591N-9764W, h19km, 65km, MD3.7, Near coast of Oaxaca

comp=Z, 1.1m, 0.2s
comp=Z, 1.1m, 0.2s

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comp=Z, 1.1m, 0.2s

ISCJB 12 13:52:17.5:0.2, 4475N:1087E:002, h54km, 3km, Error ellipse: s-maj=3.1km s-min=2.4km az=139.2
 ROM 12 13:52:17.7:0.1, 4467N:1084E, h38km, Md2.9/2.9, Md2.9/17, Error ellipse: s-maj=1.6km s-min=1.1km az=103.0
 GEN 12 13:52:17.1, 4476N:1101E, h18km, ML3.0
 NEIC 12 13:52:17.7, 4467N:1084E, h38km, MD2.9(ROM), After ROM.
 CSEM 12 13:52:18.2:0.1, 4469N:1082E, h40km, ML2.3/4.23, Error ellipse: s-maj=1.3km s-min=1.0km az=42.0
 STR 12 13:52:19.3:0.5, 4529N:1026E, h10km, M1.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0
 LDG 12 13:52:19.7:0.2, 4464N:1064E, h10km, M1.3/1.8, Error ellipse: s-maj=4.7km s-min=3.3km az=38.0
 ISC 12 13:52:18.6:0.2, 4473N:1087E:002, h46km, 4km, n115, 019/09/205, 7C-5D, Northern Italy

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
NOVE	Novellara	0.13	303	Op	13 52 24.8	-1.3
RAVA	Ravaro	0.18	821	Pg	13 52 25.7	-0.7
RAVA	Ravaro			Sg	13 52 32.1	+0.2
SBPO	S. Benedetto Po	0.32	7	Pg	13 52 27.5	-0.1
SBPO	S. Benedetto Po			Sg	13 52 36.0	+2.0
ZCCA	Zocca	0.39	168	Pg	13 52 27.8	-0.5
ZCCA	Zocca			Sg	13 52 34.8	-0.4
GSCL	Guosciola	0.43	208	Pg	13 52 27.8	-1.0
GSCL	Guosciola			Sg	13 52 34.9	-1.1
ERBM	Eremo	0.45	226	Pg	13 52 28.6	-0.4
FIU	Minerbio Fiu	0.46	101	Pg	13 52 29.1	0.0
FIU	Minerbio Fiu			Sg	13 52 37.8	+1.3
VALM	Valmadrera	0.58	229	P	13 52 30.1	-0.6
FVND	Fontana Vidola	0.59	162	Pg	13 52 29.5	-1.3
FVND	Fontana Vidola			Sg	13 52 39.1	-0.4
PZZT	Monte Pizzetto	0.60	180	Pg	13 52 29.6	-1.3
PZZT	Monte Pizzetto			Sg	13 52 39.6	-0.1
GRAM	Gramolara	0.62	248	P	13 52 30.7	-0.4
GRAM	Gramolara			Sg	13 52 40.0	-0.1
SARO	Sassorosso	0.64	211	P	13 52 30.6	-0.8
SARO	Sassorosso			Sg	13 52 39.9	+0.4
VLC	Villacollemand	0.67	211	Pg	13 52 31.1	-0.6
VLC	Villacollemand			Sg	13 52 41.6	+0.4
VLC	Villacollemand	0.67	211	ePg	13 52 31.1	-0.7
BDI	Bagni Di Lucca	0.69	196	Pg	13 52 31.5	+0.6
BDI	Bagni Di Lucca			Sg	13 52 41.9	0.0
BACM	Scarperia	0.73	232	P	13 52 32.4	-0.1
BACM	Scarperia			Sg	13 52 42.7	+0.2
SEI	Scarperia	0.76	152	Pg	13 52 33.1	+0.1
SEI	Scarperia			Sg	13 52 44.6	+1.1
VINC	Vinca	0.78	221	P	13 52 33.2	0.0
VINC	Vinca			Sg	13 52 44.2	+0.3
CODM	Codice	0.80	245	P	13 52 33.9	+0.4
CODM	Codice			Sg	13 52 45.2	+0.8
MAIM	Maiano	0.86	198	P	13 52 34.1	-0.2
MAIM	Maiano			Sg	13 52 43.3	0.0
MAIM	Maiano	0.86	198	P	13 52 45.6	-0.2
MAIM	Maiano			Sg	13 52 46.8	+1.0
VMG	Viaggio	0.91	147	Pg	13 52 35.2	+0.2
VMG	Viaggio			Sg	13 52 48.3	+1.3
SALO	Salar	0.92	345	Pg	13 52 36.4	+1.3
SALO	Salar			Sg	13 52 51.2	+4.0
SC2M	Scurtabr	1.01	252	P	13 52 36.9	+0.6
SC2M	Scurtabr			Sg	13 52 50.1	+0.8
PII	Pisa	1.04	194	Pg	13 52 37.0	+0.2
PII	Pisa			Sg	13 52 50.7	+0.6
SFI	Santa Sofia	1.08	139	Pg	13 52 37.8	+0.4
SFI	Santa Sofia			Sg	13 52 53.5	+0.4
CSNT	Castellina Chi	1.29	166	Pg	13 52 39.7	-0.5
CSNT	Castellina Chi			Sg	13 52 56.8	+0.4
MDI	Monti di Nese	1.33	323	Pg	13 52 40.9	+0.2
MABI	Malga Bissina	1.35	350	Pg	13 52 41.2	+0.3
CRE	Caprese Michel	1.36	144	Pg	13 52 41.3	+0.2
CRE	Caprese Michel			Sg	13 52 58.4	+0.5
RSM	Repubblica di	1.39	125	Pg	13 52 42.0	+0.5
GENL	Genova Univers	1.39	257	P	13 52 40.9	-0.7
GENL	Genova Univers			Sg	13 52 57.4	+1.4
GROG	Isola di Gorgo	1.48	209	Pg	13 52 42.2	+0.6
MUGIO	Muggio	1.75	313	Pg	13 52 46.4	-0.1
APPI	Appiano	1.77	8	Pg	13 52 47.7	+1.0
FIN	Finale Ligure	1.97	256	Pg	13 52 49.9	+0.4
FIN	Finale Ligure			Sg	13 53 14.4	+1.4
FIN	Finale Ligure	1.97	256	P	13 52 51.1	+1.6
FIN	Finale Ligure			Sg	13 52 51.9	+1.4
BRES	Bressanone	2.06	17	Pg	13 52 51.9	+1.2
RORO	Roburent	2.10	254	P	13 52 50.9	-0.3
ROB	Roburent	2.19	290	Pg	13 52 52.7	+0.3
ORO	Oropa	2.23	295	Pg	13 52 54.2	+1.2
ORX	Oropa	2.23	295	P	13 52 53.5	+0.5
IMI	Imperia	2.29	250	Pg	13 52 54.3	+0.5
IMI	Imperia			Sg	13 53 21.6	+0.8
MONI	Monesi	2.32	255	P	13 52 54.6	+0.3
NEGI	Negi	2.44	250	P	13 52 55.7	-0.2
SAOF	Saorge	2.49	254	P	13 52 57.2	+0.6
SAOF	Saorge			Sg	13 53 28.4	+2.7
VOY	Vojsko	2.50	581	eSg	13 53 24.5	-1.5
VOY	Vojsko			Sg	13 53 37.0	
VOY	Vojsko	2.50	581	ePn	13 52 55.6	-1.1
VOY	Vojsko			Sg	13 53 24.5	-1.5
ENR	Entracque	2.52	260	P	13 52 57.6	+0.6
JAVS	Javornik	2.54	62	Pn	13 52 56.1	+1.1
JAVS	Javornik			Sg	13 53 25.0	-2.0
PGF	Pioggiola	2.57	212	ePn	13 53 25.6	-0.8
PGF	Pioggiola			Sg	13 53 24.9	-2.8
PGF	Pioggiola	2.57	212	ePn	13 52 56.9	-0.8
PGF	Pioggiola			Sg	13 53 24.9	-2.8
AUTN	L'Aution	2.57	255	P	13 52 59.0	+1.3
AUTN	L'Aution			Sg	13 53 30.6	+2.8
STV	Sta Anna Valdi	2.58	260	P	13 52 58.1	+0.3
WTTA	Wattenberg	2.59	121	Pn	13 52 59.6	+1.7
WTTA	Wattenberg			Sg	13 53 32.0	+3.8
WTTA	Wattenberg	2.59	121	ePn	13 52 59.1	+1.5
WTTA	Wattenberg			Sg	13 53 32.0	+3.8
RSP	Reno Superiore	2.60	281	P	13 52 58.3	+0.2
SOSP	Sospel	2.61	252	ePg	13 53 04.4	+6.1
SOSP	Sospel			Sg	13 53 25.2	-3.5
SOSP	Sospel	2.61	252	ePn	13 52 57.5	-0.8
SOSP	Sospel			Sg	13 53 04.4	+6.1
SOSP	Sospel	2.61	252	ePn	13 53 25.2	-3.5
SOSP	Sospel			Sg	13 53 25.2	-3.5
KNDS	Knežji Dol	2.61	71	Pn	13 52 57.0	-1.2
KNDS	Knežji Dol			Sg	13 52 57.0	-1.3

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
DAVA	Damuels	2.65	345	Pn	13 53 01.2	+2.4
DAVA	Damuels			Sg	13 53 34.3	+4.7
LUCF	Luceram	2.66	253	P	13 53 00.4	+1.4
LUCF	Luceram			Sg	13 53 33.3	+3.6
TOUF	Mont Tournerai	2.69	256	P	13 52 59.6	+0.2
TOUF	Mont Tournerai			Sg	13 53 00.9	+0.9
LUZ	Prezzo	2.70	287	P	13 53 02.5	+2.7
LSD	Ceresole Reale	2.73	287	P	13 53 02.5	+2.7
MVIF	Mont Vial	2.79	254	P	13 53 01.8	+1.0
NVLJ	Novajla	2.86	92	Pn	13 53 00.7	-1.1
NVLJ	Novajla			Sg	13 53 32.0	-3.0
NVLJ	Novajla	2.86	92	ePn	13 53 00.6	-1.1
NVLJ	Novajla			Sg	13 53 32.0	-3.0
RRL	Cesana Torines	2.91	275	P	13 53 04.6	+2.2
KBA	Koelnbreinsper	2.92	361	Pn	13 53 02.8	+0.3
KBA	Koelnbreinsper			Sg	13 53 37.7	+1.4
MBDF	Montbardon	2.92	271	ePn	13 53 02.1	-0.4
MBDF	Montbardon			Sg	13 53 33.5	-2.8
MBDF	Montbardon	2.92	271	ePn	13 53 02.1	-0.4
MBDF	Montbardon			Sg	13 53 33.5	-2.8
MBDF	Montbardon	2.92	271	ePn	13 53 02.1	-0.4
MBDF	Montbardon			Sg	13 53 33.5	-2.8
LPG	La Plagne	3.01	286	ePn	13 53 13.4	+1.0
LPG	La Plagne			Sg	13 53 37.5	-1.1
LPG	La Plagne	3.01	286	ePn	13 53 03.8	0.0
LPG	La Plagne			Sg	13 53 37.5	-1.1
LPG	La Plagne	3.01	286	ePn	13 53 03.8	0.0
LPG	La Plagne			Sg	13 53 37.5	-1.1
LPL	La Plagne	3.03	286	ePn	13 53 13.9	+1.0
LPL	La Plagne			Sg	13 53 36.6	-2.4
LPL	La Plagne	3.03	286	ePn	13 53 04.3	+0.3
LPL	La Plagne			Sg	13 53 39.9	+1.0
LPL	La Plagne	3.03	286	ePn	13 53 04.3	+0.3
LPL	La Plagne			Sg	13 53 39.9	+1.0
OBKA	Obir	3.14	54	Pn	13 53 05.1	-0.4
OBKA	Obir			Sg	13 53 42.0	+0.4
OBKA	Obir	3.14	54	Pn	13 53 05.1	-0.4
OBKA	Obir			Sg	13 53 42.0	+0.3
BOJUS	Bojanc	3.20	74	ePn	13 53 05.4	-0.9
BOJUS	Bojanc			Sg	13 53 41.3	-1.9
FRF	La Foret Royal	3.25	250	ePn	13 53 09.1	+2.0
FRF	La Foret Royal			Sg	13 53 40.7	-3.9
FRF	La Foret Royal	3.25	250	ePn	13 53 06.5	-0.6
FRF	La Foret Royal			Sg	13 53 40.7	-3.9
FRF	La Foret Royal	3.25	250	ePn	13 53 06.5	-0.6
FRF	La Foret Royal			Sg	13 53 40.7	-3.9
FRF	La Foret Royal	3.25	250	ePn	13 53 06.5	-0.6
FRF	La Foret Royal			Sg	13 53 40.7	-3.9
LMR	La Moure	3.44	248	ePn	13 53 11.8	+2.2
LMR	La Moure			Sg	13 53 45.0	-4.1
LMR	La Moure	3.44	248	ePn	13 53 11.8	+2.2
LMR	La Moure			Sg	13 53 45.0	-4.1
LMR	La Moure	3.44	248	ePn	13 53 11.8	+2.2
LMR	La Moure			Sg	13 53 45.0	-4.1
PERS	Pernice	3.54	56	Pn	13 53 11.0	0.0
ORIF	Oris-en-Rattie	3.55	275	ePn	13 53 10.9	-0.3
ORIF	Oris-en-Rattie			Sg	13 53 48.9	-3.0
ORIF	Oris-en-Rattie	3.55	275	ePn	13 53 10.9	-0.3
ORIF	Oris-en-Rattie			Sg	13 53 48.9	-3.0
ORIF	Oris-en-Rattie	3.55	275	ePn	13 53 10.9	-0.3
ORIF	Oris-en-Rattie			Sg	13 53 48.9	-3.0
CABF	La Chapelle	3.84	301	ePn	13 53 16.4	+1.3
CABF	La Chapelle			Sg	13 53 57.6	-1.4
SMRF	Simiane la Rot	3.87	261	ePn	13 53 14.8	-0.7
SMRF	Simiane la Rot			Sg	13 53 55.9	-3.8
SMRF	Simiane la Rot	3.87	261	ePn	13 53 14.8	-0.7
SMRF	Simiane la Rot			Sg	13 53 55.9	-3.8
HINF	Hinterfeld	4.16	319	ePn	13 53 20.9	+1.4
HINF	Hinterfeld			Sg	13 54 05.6	-1.1
HINF	Hinterfeld	4.16	319	ePn	13 53 20.9	+1.4
HINF	Hinterfeld			Sg	13 54 05.6	-1.1
VIVF	Saint-Julien-F	4.41	274	ePn	13 53 23.0	0.0
VIVF	Saint-Julien-F			Sg	13 54 08.9	-4.1
VIVF	Saint-Julien-F	4.41	274	ePn	13 53 23.0	0.0
VIVF	Saint-Julien-F			Sg	13 54 08.9	-4.1
CDF	Champ du Feu	4.44	327	ePg	13 53 41.5	+1.8
CDF	Champ du Feu			Sg	13 54 13.1	-0.6
CDF	Champ du Feu	4.44	327	ePg	13 53 23.4	+0.1
CDF	Champ du Feu			Sg	13 53 41.5	+1.8
CDF	Champ du Feu	4.44	327	ePg	13 53 23.4	+0.1
CDF	Champ du Feu			Sg	13 53 41.5	+1.8
CDF	Champ du Feu	4.44	327	ePg	13 53 23.4	+0.1</

12d 15h

Table with columns for station code, name, coordinates, and other details. Includes stations like Les Rejaudoux, Saint Martin, and various others.

2006 OCT

Table with columns for station code, name, coordinates, and other details. Includes stations like Coleville, Vief, Schurz, and various others.

428

Table with columns for station code, name, coordinates, and other details. Includes stations like Lac du Bonnet, Catoana Island, Mount Baldy St, and various others.

NIED 12 15:40:00, 2400N-12270E, h20km, Mw4.0 Best double couple: M=1, 16000-1015, NP1=46.0000°, 874.0000°, 1.63.0000°. NP2=288.0000°, 831.0000°, 1.48.0000°. JMA 12 15:40:45.3-0.2, 2401N-12266E, h31km, M3.9, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for Miyako jima 2, Gusukube, Kume jima 2, etc.

ISCJB 12 15:42:46.9.0.4, 26395.003-2752E:0.03, h2km, mb3.8/4, Error ellipse: s-maj=3.9km s-min=3.5km az=103.5

NEIC 12 15:42:49.2.0.7, 26345S:2749E, h5km, mb4.2/2, Error ellipse: s-maj=16.0km s-min=8.1km az=100.0

ISC 12 15:42:48.0.0.3, 26405S:002-2751E.003, h2km, n28, #1907/45, mb3.8/4, South Africa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for Parys, east rand prop, Koster, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for Silvertown, Senekal, Schweizer, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for Lobatse, Boshof, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for Boshof, Pongola, Kokstad, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for Uplington, Matopo, Sutherland, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for Ksiaz, Dobruska-Polom, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for Panska Ves, Berggiesshubel, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for Ruedersdorf, Prague, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for Moravsky Berou, Ostrava-Krasne, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for Vranov, Trest, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for Freiberg, Collm, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for Collm, Tannenbergshta, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for Fitzroy Crossi, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for Alice Springs, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for Alice Springs, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for Alice Springs, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for Chengdu, Lanzhou, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for Lanzhou, Lhasa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for Gaotai, Guntan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for KKK, Daman, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for Songino Aray, Urumqi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for Yakutsk, Ala-Archa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for Zalesovo, Borovoye, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for ZRNK, Vnnda, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for AKTO, QSPA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for CFAA, CPUP, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for WRA, ASAR, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for KSP, DPC, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for DPC, PVCC, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for PVCC, BRG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for BRG, RUE, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for RUE, PRA, etc.

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for TANN, WERD, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for GUNZ, WERN, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for MANZ, MOXA, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes entries for ROTZ, GECZ, etc.

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

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

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

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

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

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

ISC 12 15:47:51.8.2.3, 175S:12778E, h0km, mb3.7/2, mb1 3.9/3, mb1mx3.6/1.5, mbtimp3.7/3, ML3.7/1, Error ellipse: s-maj=189.3km s-min=27.1km az=67.0, Halmahera

ISC 12 15:47:51.8.2.3, 175S:12778E, h0km, mb3.7/2, mb1 3.9/3, mb1mx3.6/1.5, mbtimp3.7/3, ML3.7/1, Error ellipse: s-maj=189.3km s-min=27.1km az=67.0, Halmahera

ISCJB 12 15:55:49.2.0.4, 5141N:002-1607E:0.02, h0km, Error ellipse: s-maj=3.1km s-min=1.9km az=36.0

IPEC 12 15:55:49.6.0.3, 5154N:1621E, h0km, ML2.7/4, Error ellipse: s-maj=1.9km s-min=1.5km az=40.0

NEIC 12 15:55:50.1.0.4, 5153N:1611E, h5km, ML3.1/(SZGRF), Error ellipse: s-maj=5.2km s-min=4.2km az=58.0

BGR 12 15:55:50.5.0.6, 5148N:1611E, h1km, ML3.1/13, Error ellipse: s-maj=7.8km s-min=4.4km az=156.0

WAR 12 15:55:51.47N:1611E, ML2.9, Mining Induced

CSEM 12 15:55:51.5.0.2, 5146N:1609E, h2km, ML3.4/1, Error ellipse: s-maj=2.9km s-min=1.7km az=18.0

PRU 12 15:55:52.1.0.5, 5127N:1615E, h0km, mb2.6/6, ML2.9/6, Error ellipse: s-maj=3.6km s-min=3.3km az=126.0 63 km WNW of Breslau Suspected Mining induced.

ISC 12 15:55:50.0.0.3, 5149N:002-1607E:0.02, h0km, n66, #191/127, 4C-4D, Poland

ISC 12 15:59:14.5.7.2, 2313S:008-1756W:0.1, h12km, mb36km, n26, #091/24, mb4.5/12, MS4.8/1, Tonga Islands region

ISC 12 15:59:14.5.7.2, 2313S:008-1756W:0.1, h12km, mb36km, n26, #091/24, mb4.5/12, MS4.8/1, Tonga Islands region

ISC 12 15:59:14.5.7.2, 2313S:008-1756W:0.1, h12km, mb36km, n26, #091/24, mb4.5/12, MS4.8/1, Tonga Islands region

ISC 12 15:59:14.5.7.2, 2313S:008-1756W:0.1, h12km, mb36km, n26, #091/24, mb4.5/12, MS4.8/1, Tonga Islands region

ISC 12 15:59:14.5.7.2, 2313S:008-1756W:0.1, h12km, mb36km, n26, #091/24, mb4.5/12, MS4.8/1, Tonga Islands region

ISC 12 15:59:14.5.7.2, 2313S:008-1756W:0.1, h12km, mb36km, n26, #091/24, mb4.5/12, MS4.8/1, Tonga Islands region

ISC 12 15:59:14.5.7.2, 2313S:008-1756W:0.1, h12km, mb36km, n26, #091/24, mb4.5/12, MS4.8/1, Tonga Islands region

ISC 12 15:59:14.5.7.2, 2313S:008-1756W:0.1, h12km, mb36km, n26, #091/24, mb4.5/12, MS4.8/1, Tonga Islands region

ISC 12 15:59:14.5.7.2, 2313S:008-1756W:0.1, h12km, mb36km, n26, #091/24, mb4.5/12, MS4.8/1, Tonga Islands region

ISC 12 15:59:14.5.7.2, 2313S:008-1756W:0.1, h12km, mb36km, n26, #091/24, mb4.5/12, MS4.8/1, Tonga Islands region

ISC 12 15:59:14.5.7.2, 2313S:008-1756W:0.1, h12km, mb36km, n26, #091/24, mb4.5/12, MS4.8/1, Tonga Islands region

ISC 12 15:59:14.5.7.2, 2313S:008-1756W:0.1, h12km, mb36km, n26, #091/24, mb4.5/12, MS4.8/1, Tonga Islands region

ISC 12 15:59:14.5.7.2, 2313S:008-1756W:0.1, h12km, mb36km, n26, #091/24, mb4.5/12, MS4.8/1, Tonga Islands region

ISC 12 15:59:14.5.7.2, 2313S:008-1756W:0.1, h12km, mb36km, n26, #091/24, mb4.5/12, MS4.8/1, Tonga Islands region

ISC 12 15:59:14.5.7.2, 2313S:008-1756W:0.1, h12km, mb36km, n26, #091/24, mb4.5/12, MS4.8/1, Tonga Islands region

ISC 12 15:59:14.5.7.2, 2313S:008-1756W:0.1, h12km, mb36km, n26, #091/24, mb4.5/12, MS4.8/1, Tonga Islands region

ISC 12 15:59:14.5.7.2, 2313S:008-1756W:0.1, h12km, mb36km, n26, #091/24, mb4.5/12, MS4.8/1, Tonga Islands region

ISC 12 15:59:14.5.7.2, 2313S:008-1756W:0.1, h12km, mb36km, n26, #091/24, mb4.5/12, MS4.8/1, Tonga Islands region

ISC 12 15:59:14.5.7.2, 2313S:008-1756W:0.1, h12km, mb36km, n26, #091/24, mb4.5/12, MS4.8/1, Tonga Islands region

ISC 12 15:59:14.5.7.2, 2313S:008-1756W:0.1, h12km, mb36km, n26, #091/24, mb4.5/12, MS4.8/1, Tonga Islands region

ISC 12 15:59:14.5.7.2, 2313S:008-1756W:0.1, h12km, mb36km, n26, #091/24, mb4.5/12, MS4.8/1, Tonga Islands region

J03A	Ideyld Park	34.38	83	↑P	P	16 34 20.2 +0.5
D07A	Quincy	34.44	75	↑P	P	16 34 20.2 0.0
G05A	Wamie	34.50	79	↑P	P	16 34 21.3 +0.5
FRIS	Frissel Point	34.51	81	P	P	16 34 22.0 +1.2
IROS	Indian Ridge	34.51	81	P	P	16 34 21.9 +1.1
A09A	Danville	34.52	71	↑P	P	16 34 20.9 0.0
HBO	Huckleberry Mo	34.55	81	P	P	16 34 22.4 +1.2
F06A	Goldendale	34.58	78	↑P	P	16 34 21.4 -0.1
L02A	Cave Junction	34.61	85	↑P	P	16 34 22.4 +0.7
C08A	Higginbotham F	34.74	73	P	P	16 34 22.6 -0.3
KLR	Kul'dur	34.77	289	eP	P	16 34 19.6 -3.5
KLR	comp=E,34nm,1.6s			pmax	pmax	
E07A	Sunnyside	34.79	76	↑P	P	16 34 23.2 -0.1
H05A	Madras	34.84	80	↑P	P	16 34 23.8 +0.1
G06A	Carlson Farm,	34.82	78	↑P	P	16 34 24.7 +0.3
B09A	Rice	35.01	72	↑P	P	16 34 24.9 -0.3
F07A	Phinny Hill Vi	35.05	77	↑P	P	16 34 26.1 +0.6
HAWA	Hanford	35.07	76	eP	P	16 34 25.7 0.0
HAWA	Northport	35.13	71	eP	P	16 36 54.6 -2.8
D08A	Wollman Farm,	35.14	74	↑P	P	16 34 25.9 -0.3
VIPM	Ingram Point	35.29	79	P	P	16 34 28.1 +0.6
YBH	Yreka Blue Hor	35.40	85	P	P	16 34 29.0 +0.5
YBH	comp=Z,12nm,0.8s,mb4.8			pmax	pmax	
YBH	Yreka Blue Hor	35.40	85	P	P	16 34 29.0 +0.5
YBH	comp=Z,7.0nm,0.8s			pmax	pmax	
M02C	Callahan	35.49	85	↑P	P	16 34 29.3 0.0
G07A	Ruggs Ranch, H	35.51	78	↑P	P	16 34 29.4 0.0
D09A	Jones Farm, RI	35.51	74	↑P	P	16 34 28.9 -0.6
J05A	Fort Rock	35.51	82	↑P	P	16 34 30.4 +0.9
N02C	Big Bar	35.51	87	↑P	P	16 34 30.3 +0.8
O01C	Eel River Cons	35.57	88	↑P	P	16 34 31.3 +1.3
B10A	Chitwood Farm,	35.62	72	↑P	P	16 34 30.8 +0.3
L04A	Klamath Falls	35.68	84	↑P	P	16 34 31.3 +0.4
NEW	Newport	35.70	72	P	P	16 34 30.8 -0.4
NEW	comp=Z,39nm,0.9s,mb5.2			pmax	pmax	
NEW	Newport	35.70	72	P	P	16 34 30.1 -1.0
NEW	comp=Z,30nm,0.9s,mb5.2			pmax	pmax	
C10A	Spiker Farm,	35.78	72	↑P	P	16 34 31.7 -0.1
F08A	Pendleton	35.81	76	↑P	P	16 34 32.1 +0.1
O06A	Prineville	35.82	80	↑P	P	16 34 32.7 +0.6
E09A	Wood Farm, Sta	35.86	75	↑P	P	16 34 31.8 -0.7
H07A	Lands Inn, Kim	35.90	79	↑P	P	16 34 32.7 -0.1
M04C	Macdoel	35.92	84	↑P	P	16 34 33.5 +0.5
G08A	Edmonton	35.94	77	↑P	P	16 34 33.3 +0.2
EDM	Iron Peak	35.97	88	↑P	P	16 34 33.1 -0.1
K05A	Summer Lake	36.02	82	↑P	P	16 34 35.1 +1.2
WDC	Whiskeytown Da	36.13	86	↑P	P	16 34 35.0 +0.2
I07A	Ize	36.19	79	↑P	P	16 34 35.6 +0.3
O02C	Red Bluff	36.20	87	↑P	P	16 34 36.3 +0.9
J06A	Christmas Vall	36.21	81	↑P	P	16 34 35.9 +0.4
P01C	Double G Ranch	36.25	88	↑P	P	16 34 36.0 +0.2
A12A	Yaak River Ran	36.29	70	↑P	P	16 34 36.1 -0.1
F09A	S2 Ranch, Elgi	36.38	76	↑P	P	16 34 36.8 -0.2
L05A	Lakeview	36.41	83	↑P	P	16 34 38.0 +0.8
H08A	Prairie City	36.49	78	↑P	P	16 34 38.2 +0.3
B12A	Libby	36.53	71	↑P	P	16 34 38.1 -0.1
GASB	Alder Springs	36.54	88	↑P	P	16 34 38.9 +0.6
M05C	Lookout	36.59	84	↑P	P	16 34 39.0 +0.3
J07A	Hines	36.67	80	↑P	P	16 34 39.8 +0.4
F10A	Beach Ranch, E	36.68	75	P	P	16 34 39.7 +0.2
HATC	Hat Creek Radi	36.68	85	↑P	P	16 34 39.5 0.0
HOPS	Hopland	36.69	89	↑P	P	16 34 39.5 -0.2
I08A	Drewsey	36.69	79	↑P	P	16 34 41.3 +0.3
C12A	Trout Creek	36.94	72	↑P	P	16 34 40.8 -0.8
H09A	Durkee	37.04	77	↑P	P	16 34 42.2 -0.4
K07A	Rock Creek Ran	37.07	81	↑P	P	16 34 43.4 +0.6
M06C	Likely Place G	37.09	84	↑P	P	16 34 43.4 +0.4
MNRC	McLaughlin Nat	37.16	89	↑P	P	16 34 43.6 0.0
O04C	Chester	37.20	86	↑P	P	16 34 44.6 +0.7
J08A	Circle Bar Ran	37.20	80	↑P	P	16 34 43.9 -0.1
B13A	Whitefish	37.24	70	↑P	P	16 34 43.5 -0.8
ELFS	Eagle Lake Fie	37.26	85	↑P	P	16 34 44.9 +0.5
WALA	Waterton Lakes	37.27	69	eP	P	16 34 44.1 -0.4
WALA	comp=Z,21nm,1.0s,mb4.9			pmax	pmax	
MAJO	Matsushiro	37.28	267	eP	P	16 37 03.8 -0.2
MAJO	comp=Z,11nm,0.6s,mb4.9			pmax	pmax	
MAJO	Matsushiro	37.28	267	eP	P	16 34 45.2 +0.6
MAJO	comp=Z,11nm,0.6s,mb4.9			pmax	pmax	
MAJ	Matsushiro	37.28	267	eP	P	16 34 45.2 +0.6
MJAR	Matsushiro Arr	37.28	267	P	P	16 34 44.8 +0.2
MJAR	comp=Z,1.9nm,0.8s,baz=52,slow=5.7,SNR=6.4			P	P	16 34 43.4 -0.6
MJAR	Matsushiro Arr	37.28	267	P	P	16 37 03.4 +0.2
MJAR	comp=Z,2.0nm,0.8s			pmax	pmax	
MJAR	comp=Z,6.0nm,1.1s			pmax	pmax	
I09A	Lost Marbles R	37.34	78	↑P	P	16 34 45.0 -0.2
L07A	Adell	37.37	82	↑P	P	16 34 46.0 -0.7
CVS	Carment Viney	37.46	89	↑P	P	16 34 45.9 -0.3
C13A	Hot Springs	37.49	71	↑P	P	16 34 45.6 -0.9
OHCM	Honcut	37.50	87	eP	P	16 34 46.5 0.0

OHCM	Quincy	37.51	86	↑P	P	16 37 02.8 -1.8
O05C	Quincy	37.51	86	↑P	P	16 34 46.0 -0.5
K08A	Mann Creek Ran	37.52	81	↑P	P	16 34 47.0 +0.4
VLA	Vladivostok	37.53	280	iP	P	16 34 48.7 +2.0
WVOR	Wild Horse Val	37.59	81	eP	P	16 34 47.3 +0.1
WVOR	comp=Z,68nm,1.0s,mb5.3			pmax	pmax	
WVOR	Wild Horse Val	37.59	81	eP	P	16 34 47.3 +0.1
WVOR	comp=Z,63nm,1.0s,mb5.3			pmax	pmax	
J09A	Fry Pan Ranch,	37.66	79	↑P	P	16 37 04.0 -0.9
N06A	Buffalo Meadow	37.75	84	↑P	P	16 34 47.7 -0.1
M07A	Soldier Meadow	37.81	83	↑P	P	16 34 49.0 +0.4
L08A	Fields	37.90	81	↑P	P	16 34 49.6 +0.5
BEKR	Beckworth	37.91	86	↑P	P	16 34 50.2 +0.4
K09A	Rome	38.02	80	↑P	P	16 34 49.7 -0.2
O06A	Flanigan	38.08	85	↑P	P	16 34 50.8 -0.1
JRSC	Jasper Ridge	38.16	90	↑P	P	16 34 51.7 +0.3
MDJ	Mudanjiang	38.19	284	P	P	16 34 51.4 -0.7
MDJ	comp=Z,14nm,1.7s,mb4.4			PP	PP	16 34 51.0 -1.3
MDJ	comp=Z,121nm,4.1s			PP	PP	16 36 18.8 -0.8
MDJ	comp=N,55nm,18.3s,MS3.7			S	S	16 40 45.2 -0.6
MDJ	comp=E,110nm,19.8s,MS3.7			SCS	SCS	16 45 01.4 -2.8
MSO	Missoula	38.27	72	iP	P	16 34 52.5 -0.5
MSO	comp=Z,12nm,1.0s,mb4.6			AMB	AMB	
N07B	Gerlach	38.28	84	↑P	P	16 37 05.9 -1.1
M08A	Happy Creek Ra	38.28	82	↑P	P	16 34 53.4 +0.4
LAVA	Lava Cap Winer	38.31	88	↑P	P	16 34 53.3 +0.3
WENL	Wente Brothers	38.34	90	↑P	P	16 34 52.9 -0.4
BNLO	Ben Lomond (Sa	38.37	91	↑P	P	16 34 53.6 0.0
L09A	Wilkinson Ranc	38.42	81	↑P	P	16 34 54.1 +0.3
WCN	Washoe City	38.62	86	↑P	P	16 34 55.0 +0.4
PAHR	Pat Rah Rang	38.62	85	eP	P	16 34 55.9 0.0
PAHR	comp=Z,29nm,1.2s,mb4.9			eP	P	16 37 07.5 -0.6
CHMT	Chamberlain Mo	38.65	72	eP	P	16 34 55.0 -1.2
CHMT	comp=Z,29nm,1.0s,mb4.9			eP	P	16 37 07.0 -1.2
O07A	Toulon	38.68	84	↑P	P	16 34 56.9 +0.5
R05C	Kirkwood Meado	38.76	87	↑P	P	16 34 57.5 +0.4
M09A	Marre Ranch,	38.88	82	↑P	P	16 34 58.5 +0.5
CMB	Columbia Cole	38.96	88	↑P	P	16 34 59.1 +0.3
PACP	Pacheco Peak	39.01	90	↑P	P	16 34 58.9 -0.3
O08A	Rochester Mine	39.06	84	↑P	P	16 34 58.9 -0.3
N09A	Rock Creek Ran	39.15	83	↑P	P	16 34 59.3 -0.4
HAST	UC Hastings Re	39.22	91	↑P	P	16 35 00.5 +0.1
R06C	Coleville	39.27	87	↑P	P	16 35 00.9 0.0
M10A	LL Ranch,	39.39	81	↑P	P	16 35 01.9 +0.6
S05C	Merced	39.41	89	↑P	P	16 35 02.2 -0.2
P08A	Dixie Valley	39.45	84	↑P	P	16 35 02.0 -0.5
BMN	Battle Mountai	39.57	83	eP	P	16 35 03.6 +0.7
BMN	comp=Z,20nm,1.0s,mb4.8			eP	P	16 35 03.8 -0.1
BMN	Battle Mountai	39.57	83	eP	P	16 35 03.8 -0.1
BMN	comp=Z,20nm,1.0s,mb4.8			eP	P	16 35 04.0 -0.3
HLID	Hailey	39.62	77	eP	P	16 35 04.0 -0.3
HLID	comp=Z,27nm,1.0s,mb4.9			eP	P	16 37 11.4 +0.1
V03C	Hunter Liggett	39.65	91	↑P	P	16 35 04.0 -0.2
O09A	Fish Creek Ran	39.74	83	↑P	P	16 35 04.5 +0.1
R07C	Lee Vining	39.78	87	↑P	P	16 35 05.7 +0.5
DLMT	Dillon	39.81	73	eP	P	16 35 06.0 +0.4
DLMT	comp=Z,5.3nm,0.5s,mb4.5			eP	P	16 35 05.9 0.0
N10A	Dunphy	39.86	82	↑P	P	16 37 11.1 -0.8
M11A	Holland Ranch,	39.91	81	↑P	P	16 35 05.6 +0.2
MCMT	McKenzie Canyo	39.92	74	eP	P	16 35 07.1 +0.4
Q08A	Gabbs	40.03	85	↑P	P	16 35 06.0 -0.8
NVAR	Mina Array Bay	40.05	86	P	P	16 37 11.8 -0.5
NVAR	comp=Z,2.1nm,1.2s,baz=294,slow=9.2,SNR=25			P	P	16 35 07.7 +0.2
NVAR	Mina Array Bay	40.05	86	P	P	16 35 08.0 +0.2
NVAR	comp=Z,2.1nm,1.2s,baz=294,slow=9.2,SNR=25			P	P	16 35 08.0 +0.2
NVAR	Mina Array Bay	40.05	86	P	P	16 37 12.9 +0.3
KCC	Kaiser Creek	40.06	88	↑P	P	16 35 08.0 +0.1
O10A	Cortez Mining,	40.11	83	↑P	P	16 37 12.9 +0.3
V04C	Ramage Ranch,	40.12	92	↑P	P	16 35 08.3 +0.3
P09A	Austin	40.13	84	↑P	P	16 35 08.6 +0.2
PKD	Parkfield	40.13	91	↑P	P	16 35 08.8 +0.4
EGMT	Eagleton	40.20	68	eP	P	16 35 09.1 +0.6
EGMT	comp=Z,45nm,0.9s,mb5.2			eP	P	16 35 08.2 -0.4
EGMT	Eagleton	40.20	68	eP	P	16 35 08.2 -0.4
R08A	Mina	40.22	86	↑P	P	16 35 08.3 -0.8
M12A	Wells	40.29	81	↑P	P	16 37 10.6 -2.5
P10A	Eureka	40.51	83	↑P	P	16 35 08.3 -0.8
Q09A	Carvers	40.52	85	↑P	P	16 35 10.0 +0.1
MTUM	Tungsten Hills	40.52	88	eP	P	16 35 11.5 +0.2
PTRM	Twisselmann Ran	40.52	91	eP	P	16 35 11.9 +0.2
HELL	Mitchell Peak,	40.64	89	↑P	P	16 35 12.2 +0.5
S08C	White Mtn Res	40.69	87	↑P	P	16 35 12.2 +0.5
N12A	Clover Valley,	40.71	81	↑P	P	16 35 12.4 +0.2
O11A	Cowboy Ranch,	40.73	82	↑P	P	16 37 13.9 -0.7
QLMT	Earthquake Lak	40.79	74	eP	P	16 35 12.5 -0.3
QLMT	comp=Z,45nm,0.9s,mb5.2			eP	P	16 35 12.5 -0.3
SMMC	Simmer	40.88	91	↑P	P	16 35 13.6 +0.3
TIN	Tinemaha	40.92	88	↑P	P	16 35 13.4 -0.5
R09A	Tonopah	40.94	86	↑P	P	16 35 14.9 +0.3
R09A	comp=Z,22nm,1.2s,mb4.8			eP	P	16 35 15.2 0.0

P11A	Circle Ranch,	41.00	83
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Table with columns for station call letters, location, frequency, and other technical details. Includes stations like TMUT Trail Mountain, INCN Incheon, W12A Cal Nev Ari, etc.

Table with columns for station call letters, location, frequency, and other technical details. Includes stations like DAG Danmarks Havn, BTO Baotou, NJ2 Nanjing, etc.

Table with columns for station call letters, location, frequency, and other technical details. Includes stations like WMQ comp=N,691nm,19.5s,MS5.0, BINY Binghamton, CHKZ Chkalovo, etc.

UCH	SNR=27 Uchtor	70.23 313	P	P	16 38 46.8 +1.0
AML	Almayasha SNR=14	70.69 314	P	P	16 38 49.8 +1.3
LSA	Lhasa	70.98 294	P	P	16 38 51.4 +1.1
LSA	Lhasa	70.98 294	eP	P	16 38 50.8 +0.5
LSA	comp-Z,17nm,0.8s,mb5.0				
LSA	comp-Z,17nm,0.8s,mb5.0	70.98 294	eP	P	16 38 50.8 +0.5
PPT	Papeete	71.15 156	eLR	LR	16 59 55.8
OBN	Obninsk	71.59 343	iP	P	16 38 53.4 -0.6
OBN			eS	S	16 39 08.1
OBN			eS	S	16 48 44.1 +31
OBN	comp-Z,18nm,1.1s,mb4.9				
OBN	comp-Z,300nm,15.0s,MS4.7				
KKTK	Khon Kaen	73.79 276	iP	P	16 39 08.0 +0.9
CHG	Chiang Mai	74.37 281	P	P	16 39 09.3 -1.2
SUW	Suwalki	74.67 350	eP	P	16 39 11.5 -0.7
SUW			e	P	16 39 26.3
SUW	Suwalki	74.67 350	e	P	16 39 11.1 -1.1
SUW			e	P	16 39 26.5
SUW	comp-Z,74nm,0.9s,mb5.6				
SUW	Suwalki	74.67 350	P	P	16 39 11.6 -0.6
VRSR	Storozhevoje	74.72 340	eP	P	16 39 12.2 -0.3
VRSR	comp-Z,40nm,0.8s,mb5.4				
VRSR	comp-N,50nm,0.9s				
VRSR	comp-E,20nm,1.0s				
VORD	Divnogorie	74.93 339	eP	P	16 39 11.8 -1.9
VORD	comp-Z,30nm,0.7s,mb5.3				
VORD	comp-N,60nm,0.8s				
VORD	comp-E,60nm,0.6s				
GUN	Gumba	75.36 296	eP	P	16 39 16.2 0.0
JIRN	Pulchok	75.49 296	eP	P	16 39 16.5 +0.2
BSEG	Bad Segeberg	75.60 358	eP	P	16 39 18.4 +0.8
BSEG	comp-Z,22nm,1.0s,mb5.0				
BSEG	Bad Segeberg	75.60 358	eP	P	16 39 18.4 +0.8
BSEG	comp-Z,22nm,1.0s,mb5.0				
KKN	Kakani	75.79 296	eP	P	16 39 18.5 -0.2
KKN	comp-Z,55nm,0.6s,mb5.4				
PKI	Pulchok	75.89 296	eP	P	16 39 18.9 -0.3
PKI	comp-Z,134nm,1.1s,mb5.8				
GKI	Gorkha	75.99 297	eP	P	16 39 19.4 -0.4
GKI	comp-Z,107nm,0.5s,mb5.0				
DMN	Daman	76.03 296	eP	P	16 39 19.9 -0.1
DMN	comp-Z,112nm,1.1s,mb5.7				
TGUH	Tegucigalpa,Un	76.64 84	eP	P	16 39 23.3 -0.2
TGUH	comp-Z,54nm,1.0s,mb5.4				
TBI	Tubuai	76.72 158	eLR	LR	17 02 30.9
TBI	comp-Z,342nm,32.8s				
KOLN	Koldanda	76.76 298	eP	P	16 39 23.7 -0.5
KOLN	comp-Z,92nm,0.9s,mb5.7				
RUE	Ruedersdorf	76.93 356	eP	P	16 39 25.8 +0.6
RUE	comp-Z,54nm,1.1s,mb5.4				
NRDL	Niederach	77.05 358	eP	P	16 39 26.2 +0.4
NRDL	comp-Z,19nm,1.0s,mb5.0				
AKASG	Malin Aray Be	77.10 346	P	P	16 39 24.6 -1.6
AKASG	comp-Z,13nm,0.8s				
AKASG	Malin Aray Be	77.10 346	P	P	16 39 25.2 -0.9
AKASG	comp-Z,13nm,0.8s				
AKKB	Malin Aray Si	77.20 346	eP	P	16 39 24.6 -1.5
IBBN	Ibbenburen	77.37 359	eP	P	16 39 27.8 +0.8
IBBN	comp-Z,61nm,1.1s,mb5.4				
WTSB	Winterswijk	77.61 0	eP	P	16 39 29.4 +0.4
CLZ	Clausthal	77.69 358	eP	P	16 39 30.3 +0.9
CLZ	comp-Z,53nm,1.0s,mb5.4				
CLZ	Clausthal	77.69 358	eP	P	16 39 30.3 +0.9
CLZ	comp-Z,53nm,1.0s,mb5.4				
GTTG	Gvttingen	78.00 358	eP	P	16 39 31.8 +0.7
GTTG	comp-Z,63nm,1.1s,mb5.5				
BUG	Bochum-Univer	78.14 360	eP	P	16 39 32.3 +0.4
BUG	comp-Z,59nm,1.5s,mb5.0				
CLL	Collim	78.14 356	eP	P	16 39 31.9 0.0
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
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CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
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CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
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CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
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CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				
CLL	Collim	78.14 356	eP	P	16 39 32.0 +0.1
CLL	comp-Z,25nm,0.8s,mb5.2				
CLL	comp-Z,1µm,17.6s,MS5.2				

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like HARR Harsova, ROBS Robic, TCF Toule Ste Croi, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like CRE Caprese Michel, VTS Vitoshka, VTS Vitosa, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like LFA Lagoa do Fogo, MESC Monte Escuro, etc.

IDC 12 16:49:11.4±3.8, 2075N-12063E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.5/19, mbtmp3.6/3, Error ellipse: s-maj=313.2km s-min=26.4km az=60.0, Philippine Islands region

BGS 12 17:08:12.7, 3918N:5564E, h43km, mb5.3 CRAAG 12 17:08:15.4, 3949N:5507E, Mb5.4 MOS 12 17:08:17.2, 1.1, 3950N:5472E, h28km, mb5.7/123, MS4.5/52, Error ellipse: s-maj=4.4km s-min=2.5km az=37.4

ISCJB 12 17:08:18.8±0.1, 3983N:002:5473E±0.01, h43km, mb5.4/283, MS4.8/79, Error ellipse: s-maj=2.9km s-min=1.4km az=6.4 CSEM 12 17:08:18.9±0.0, 3987N:5468E, h42km, mb5.5/99, Ms4.7, Mw5.3, Error ellipse: s-maj=1.9km s-min=1.2km az=166.0

BUJ 12 17:08:18.5, 4001N:5483E, h28km, mb5.5, Mb5.4, Ms5.0, Ms2.8 IDC 12 17:08:20.3±0.4, 3979N:5472E, h42km, 3km, mb4.9/24, mb1 5.1/30, mb1mx5.1/31, mbtmp5.2/30, ML4.7/4, MS4.6/19, Ms1.4±0.19, ms1mx4.4/33, Error ellipse: s-maj=10.4km s-min=7.1km az=3.0

GMCT 12 17:08:20.4±0.2, 3975N:5466E, h49km, 1km, MW5.3/84, Moment Tensor Solution, s65, c106; s84, c160; Duration: 1s1 Moment tensor: Scale 1071Nm; Mn0.73s: 02; Mw0.88s: 02; Mw0.14s: 02; Mw0.63s: 02; Mw0.24s: 01; Mw0.26s: 01; Best double couple: Mo1.077x1017 NP1.0±273.00000, s26.00000, 7.4.00000. NP2s=110.00000, s65.00000, 7.98.00000. Principal axes: T: 0.9850, P: 0.9699, N: 0.0000; N: 0.1860, P: 0.0000, Azm: 287.0000; P: -1.1700, P: 2.0000. Azm: 194.0000. nst1 refers to body waves, cutoff=40s, nst2 refers to surface waves, cutoff=50s.

SFS 12 17:08:20.0, 3981N:5467E, h42km, ML5.5 NEIC 12 17:08:20.4±0.2, 3980N:5473E, mb5.5/173, MS5.2/36, Error ellipse: s-maj=4.1km s-min=2.4km az=177.0 NEIC Felt at Balkanabat. NINC 12 17:08:27.0±0.2, 4048N:5579E, h8km, 135km, mb5.0, Error ellipse: s-maj=130.8km s-min=23.8km az=45.0 SZGRF 12 17:08:32.4, 4034N:5321E, h47km, mb5.4, Turkmenistan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like DGRG David-gareji, GNI Gani, etc.

CSEM 12 16:47:07.4±0.7, 3777N:2548W, h4km, 1km, ML2.6, Error ellipse: s-maj=1.3km s-min=1.1km az=69.0, After PDA PDA 12 16:47:07.4±0.7, 3777N:2548W, h4km, 1km, MD2.5, ML2.6, Error ellipse: s-maj=1.3km s-min=1.1km az=69.0 SVSA 12 16:47:07.4±0.7, 3777N:2548W, h4km, 1km, MD2.5, ML2.6, Error ellipse: s-maj=1.3km s-min=1.1km az=69.0, Azores Islands

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ONI, CUKURCA, MSOL, KIV, KISLOVODSK, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KARAI, ZALF, FKX, VRSR, MARH, BZK, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BVAO, BOROVY, KNDK, VOSK, SGKT, SVE, etc.

12d 17h

Table with columns for location, time, and status. Includes entries like MOR8, MOI Rana, ECHERY, BOURIGNON, etc.

2006 OCT

Table with columns for location, time, and status. Includes entries like CABF, CABF, CABF, La Foret Royal, etc.

438

Table with columns for location, time, and status. Includes entries like BGF, BOIS d'AGLAND, PYM, etc.

Table with columns for flight codes (CD2, EBIE, SWK, etc.), destinations (Bielsa, Warminster, etc.), times, and status indicators (PP, PP, etc.).

Table with columns for flight codes (KMI, KMI, KMI, etc.), destinations (Kingsbay, Kingsbay, etc.), times, and status indicators (AMB, AMB, etc.).

Table with columns for flight codes (EBAN, EBAN, GYA, etc.), destinations (Banos Encina, Guiyang, etc.), times, and status indicators (P, P, etc.).

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like B13A Whitefish, H09A Durkee, K07A Rock Creek Ran, etc.

Table with columns: CD2, Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like MKAR Makanchi Array, BVAR Soyoyo Array, GYA Guiyang, etc.

Table with columns: Station Name, Az, Az2, Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like ROCH El Roble, IHA Instituto Hidir, PEL Pedelhue, etc.

SZGRF 12 18:05:54.6, 3225Sx71 50W, h33km, mb6.2, Near coast of central Chile
ISCJB 12 18:05:56.9, 0.4, 3125S-0.02, 71 38W, 0.04, h44km, 3km, mb5.8/13S, MS6.1/180, Error ellipse: s-maj=5.5km s-min=3.3km az=154.6
MOS 12 18:05:56.1, 1.2, 3115Sx71 32W, h33km, mb6.1/50, MS6.3/42, Error ellipse: s-maj=9.6km s-min=5.8km az=87.5
GUC 12 18:05:56.1, 0.7, 3134Sx71 70W, h37km, 2km, ML6.2
NEIC 12 18:05:56.6, 0.1, 3126Sx71 37W, h31km, mb5.9/128, ME5.9, MS6.1/155, MW6.3, Error ellipse: s-maj=4.8km s-min=2.8km az=77.0, Moment Tensor Solution. s63 Moment tensor: Scale 10^19Nm; M1:2.79; M2:0.08; M3:-2.87; M4:0.20; M5:0.33; M6:-1.33. Best double couple: M1:3.20x10^18; M2:1.91x10^18; M3:3.00x10^18; M4:1.97x10^18; M5:1.76x10^18; M6:8.33x10^17; M7:7.9x10^17. Principal axes: T 3.1100, P1g76.0000, Azm112.0000; N 0.0800, P1g6.0000, Azm356.0000; P -3.1900, P1g12.0000, Azm265.0000. Broadband flat plane solution: P waves. N1:1.355x10^18, s25.0000; s25.0000; 1.90.00000. NP2:1.75.00000; s65.00000; 1.90.00000. Principal axes: T P1g70.0000, Azm85.0000; N P1g0.0000, Azm0.0000; P P1g20.0000, Azm265.0000; Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. NEIC Felt [IV] at La Ligua, Petorca, Quillota, Santiago, Valparaiso and Vina del Mar, [III] at Coquimbo, Huasco, La Serena, Rancagua and Talca; [II] at Copiapo, Felt [IV] at San Juan, [III] at Mendoza and [II] at Cordoba, Argentina.
BUJ 12 18:05:57.3, 3061Sx72 21W, h45km, mb6.1, Ms6.4, Msz6.4
CRAAG 12 18:05:57.5, 3128Sx71 35W, Mw6.4
GCMT 12 18:05:58.2, 0.1, 3148Sx72 03W, h37km, MW6.4/109, Moment Tensor Solution. s109,c245; s101,c403; Duration: 37 Moment tensor: Scale 10^19Nm; M1:3.22e+02; M2:0.22e+02; M3:3.44e+02; M4:0.28e+02; M5:0.07e+01; M6:2.68e+03; Best double couple: M1:2.850e+018; M2:1.91e+018; M3:3.000e+018; M4:1.96.00000; NP2:1.75.00000; s65.00000; 1.87.00000. Principal axes: T 4.1790, P1g70.0000, Azm79.0000; N 0.2110, P1g3.0000, Azm177.0000; P -4.3900, P1g19.0000, Azm268.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface/mantle waves, cutoff=50s.
IDC 12 18:06:00.2, 1.0, 3126Sx71 50W, h63km, 8km, mb5.2/28, mb1.5/32, mb1mx5.2/32, mbtmp5.5/32, MS6.3/25, MS1.6/325, ms1mx6.2/30, Error ellipse: s-maj=10.5km s-min=7.3km az=68.0
ISC 12 18:06:58.2, P, 3130S-0.02, 71.44W, h44km, 3km, mb5.9/9km, mbP, P 0.98, -0.593/627, mb5.8/134, MS6.1/180, 259C-235D, Near coast of central Chile
Code Station Name Az Az2 Phase ID Time Res ISC H m s ISC

443	FDG	Fort de France	46.82	14	eP	P	18 14 22.0	-1.6
	TGUH	Tequiguicalpa,Un	47.59	339	PFAKE	LR	18 14 40.0	+1.0
	TRIS	Tristan da Cun	48.58	114	PFAKE	LR	18 14 50.0	+1.3
	SGJ	San Juan	49.38	7	eP	P	18 14 42.1	-1.2
	MJR	Mayaguez	49.39	5	eP	P	18 14 42.5	-0.9
	HUMP	Col San Antoni	49.44	7	eP	P	18 14 43.0	-0.8
	RCC	Rio Carpintero	51.16	355	eP	pP	18 15 10.5	+1.4
	MASC	Masc	51.24	357	eS	S	18 15 01.4	+4.0
	MASC	comp=N,6jum,16.4s					18 22 20.3	+7.4
	COIG	Comitan	51.31	334	eP	P	18 14 57.5	-0.5
	LMGC	Las Mercedes	51.34	353	eP	P	18 14 59.7	+1.5
	MOAC	Moa	51.77	356	eP	P	18 15 02.9	+1.6
	VNA1	Neumayer-Stat	51.97	158	eP	P	18 15 03.2	+0.4
	VNA1						18 15 15.0	-0.2
	VNA1						18 15 21.4	
	HLGC	Holguin	52.08	355	eP	P	18 15 04.2	+0.6
	TUIG	Tuzantepet	53.79	333	eP	P	18 15 19.7	+3.5
	VHO	Vista Hermosa	53.88	330	iP	P	18 15 20.3	+3.4
	OXX	Oaxaca	53.88	330	iP	P	18 15 18.0	+1.0
	SNA1	Sanae	53.90	159	eP	P	18 15 16.3	-0.8
	SNA1						18 15 19.6	
	SNA1						18 15 29.0	-0.5
	SNA1						18 15 42.6	
	SNA1	Sanae	53.90	159	eP	P	18 15 16.3	-0.8
	SOR	Soroa	54.91	347	eP	P	18 15 24.0	0.0
	CAIG	El Cayaco	55.47	326	iP	P	18 15 30.8	+2.4
	LVIG	Laguna Verde	56.11	331	iP	P	18 15 33.4	+0.3
	RKT	Rikitea	56.43	262	eLR	LR	18 15 39.4	+4.1
	RKT	Rikitea	56.43	262	eP	P	18 15 39.4	+4.1
	MOIG	Morelia	58.17	327	iP	P	18 15 51.7	+4.1
	MAIT	Maitri	58.57	157	eP	S	18 15 50.1	-0.3
	MAIT						18 15 50.9	+0.3
	NVT	N'iazarevskaya	58.61	157c	iP	P	18 15 50.9	+0.3
	NVT						18 18 02.6	
	NVT						18 23 52.0	+0.4
	NVT						18 24 09.5	-3.0
	NVT						18 27 47.9	+3.0
	NVT						18 30 07.1	
	QSPA	South Pole Qui	58.94	180	eP	P	18 15 52.6	-0.3
	QSPA	South Pole Qui	58.94	180	eP	P	18 15 52.1	-0.8
	QSPA	comp=Z,272nm,1.2s,mb5.2						
	QSPA	comp=Z,15um,21.0s,MS5.1						
	SFJM	Santa Fe	59.75	325	iP	P	18 15 59.0	+0.4
	DWPF	Disney	59.84	350	eP	P	18 15 59.2	0.0
	DWPF	comp=Z,161nm,1.0s,mb5.0						
	CJM	Chamela	59.93	323	iP	P	18 15 56.2	-3.5
	ZAIG	Zacatecas	61.48	327	eP	P	18 15 52.5	+4.1
	BBSR	BB Station	63.64	6	eP	P	18 16 25.5	+0.7
	BBSR	comp=Z,102nm,1.0s,mb5.8						
	KVTX	Kingsville	63.72	334	eP	P	18 16 28.3	+3.0
	KVTX	comp=Z,521nm,1.2s,mb5.4						
	HKT	Hockley	65.17	337	PFAKE	LR	18 16 40.0	+5.3
	SBA	Scott Base	65.82	191	eP	P	18 16 39.1	+0.2
	SBA	comp=Z,6jum,19.0s,MS5.8						
	JSC	Jenkinsville	65.88	351	eP	P	18 16 41.4	+2.1
	LHS	Liberty Hill	66.01	352	eP	pP	18 16 54.5	+1.6
	CNCC	Cliffs of the	66.46	354	eP	P	18 16 42.9	-0.2
	CNCC	comp=Z,113nm,0.8s,mb6.0						
	NATX	Nacogdoches	66.46	339	eP	P	18 16 42.4	-0.6
	NATX	comp=Z,2jum,21.0s,MS5.4						
	LPIG	La Paz	66.47	321	iP	P	18 16 46.0	+2.9
	VNDA	Vanda	66.85	191	P	P	18 16 45.2	-0.3
	VNDA	comp=Z,15nm,1.0s,mb5.0,baz=156,slow=5.6,SNR=46						
	VNDA	comp=Z,1.7nm,1.1s,baz=90,slow=8.1,SNR=2.3					18 25 34.6	-0.3
	VNDA	comp=Z,1.7nm,1.0s,baz=290,slow=3.7,SNR=7.3					18 46 03.3	
	VNDA	comp=Z,10jum,18.6s,MS6.1,baz=137,slow=36					18 16 45.6	+0.1
	VNDA	Vanda	67.28	273	eS	S	18 16 46.8	-0.2
	JCT	Junction City	67.08	334	eP	P	18 16 46.8	-0.2
	TAOE	Nuku Hiva Isla	67.28	273	eS	S	18 25 44.8	+4.6
	TAOE	comp=Z,70jum,28.5s					18 37 25.3	
	TAOE	comp=Z,73jum,27.2s,baz=133					18 16 52.3	+4.0
	TAOE	Nuku Hiva Isla	67.28	273	eS	S	18 25 44.8	+4.6
	CPCT	Cooper Cave	67.52	348	eP	P	18 16 48.4	-1.3
	SKW	Sewanee	67.55	347	eP	P	18 16 49.3	-0.6
	TTL	Tuckaleechee C	67.60	349	eP	S	18 25 38.9	-5.1
	OXF	Oxford	67.61	344	eP	LR	18 16 49.4	-0.9
	OXF	comp=Z,4jum,19.0s,MS5.6					18 16 49.8	-1.5
	PLAL	Pickwick Lake	67.76	345	eP	P	18 16 52.0	-2.0
	PLAL	comp=Z,4jum,21.0s,MS5.6					18 25 53.0	
	SYO	Syowa Base	68.19	159f	eP	P	18 16 58.9	+3.2
	SYO	Syowa Base	68.19	159	eSH	P	18 37 45.1	
	TBI	Tubuai	68.47	255	eP	LR	18 16 55.7	-0.9
	TBI	comp=Z,81nm,1.1s,mb5.7					18 17 10.0	+1.3
	TBI	comp=Z,45jum,26.5s,baz=105					18 17 00.5	+1.0
	UALR	University of	68.60	342	eP	P	18 17 00.5	+1.0
	UALR	comp=Z,91nm,1.2s,mb5.6					18 16 59.6	-0.9
	BLA	Blacksburg	68.67	352	PFAKE	LR	18 16 59.6	-0.9
	BLA	comp=Z,8jum,21.0s,MS5.9					18 17 00.5	+1.0
	WVT	Waverly	68.81	346	eP	P	18 17 00.5	+1.0
	WVT	comp=Z,448nm,1.4s,mb6.2					18 16 58.9	+3.2
	WVT	comp=Z,4jum,20.0s,MS5.6					18 16 49.3	-0.6
	WVT	Waverly	68.81	346	eP	P	18 16 49.3	-0.6
	WVT	comp=Z,448nm,1.4s,mb6.2					18 16 56.4	-1.4
	FWW	Forest Hill	69.08	352	eP	P	18 17 00.5	+1.0
	UTMT	University of	69.24	345	eP	P	18 16 59.6	-0.9
	GLAT	Glass	69.26	345	eP	P	18 16 59.6	-0.9
	CBN	Corbin	69.36	355	PFAKE	LR	18 17 00.5	+1.0
	CBN	comp=Z,6jum,21.0s,MS5.8					18 17 04.5	+0.8
	PARMO	Parma	69.75	344	eP	P	18 17 07.9	+0.1
	GD12	Guadalupe Moun	70.42	330	eP	P	18 17 06.3	-1.5
	MNTX	Cornudas Mount	70.42	330	eP	P	18 17 06.3	-1.5
	MNTX	comp=Z,108nm,1.1s,mb5.7					18 17 06.5	-2.0
	WCI	Wyandotte Cave	70.54	348	eP	P	18 17 06.5	-2.0
	WCI	comp=Z,52nm,0.8s,mb5.5					18 17 06.5	-2.0
	WCI	comp=Z,7jum,22.0s,MS5.9					18 17 08.1	-0.4
	WCI	Wyandotte Cave	70.54	348	eP	P	18 17 08.1	-0.4
	WCI	comp=Z,52nm,0.8s,mb5.5					18 17 08.1	-0.4
	WCI	comp=Z,7jum,22.0s,MS5.9					18 17 08.1	-0.4
	WMOK	Wichita Mouna	70.55	336	eP	P	18 17 08.1	-0.4
	WMOK	comp=Z,130nm,1.4s,mb5.7					18 17 08.1	-0.4
	WMOK	comp=Z,4jum,19.0s,MS5.7					18 17 08.1	-0.4

USIN	University of	70.55	346	eP	P	18 17 07.9	-0.7
VAH	Vaihoo	70.60	264	eP	P	18 17 12.1	+3.3
VAH	comp=Z,85nm,1.2s,mb5.5					18 17 08.0	-1.1
SIUC	Southern Ilin	70.63	345	eP	P	18 17 13.5	+3.5
SIUC	comp=Z,17nm,0.8s,mb5.9					18 17 13.5	+3.5
TVO	Taravao	70.79	260	eP	P	18 17 13.5	+3.5
TVO	Taravao	70.79	260	eP	P	18 17 13.5	+3.5
TVO	comp=Z,63nm,1.0s,mb5.5					18 17 14.0	+3.1
PMOR	Pomarioree	70.93	264	eP	P	18 17 11.5	+0.1
PMOR	comp=Z,13nm,0.9s,mb4.9					18 17 11.5	+0.1
MCWV	Mont Chateau	71.02	353	eP	P	18 17 11.5	+0.1
MCWV	comp=Z,119nm,1.0s,mb5.8					18 17 12.3	+0.5
MCWV	comp=Z,5jum,20.0s,MS5.8					18 17 15.3	+3.3
MVL	Millersville	71.08	356	eP	P	18 17 15.3	+3.3
PAE	Paea	71.12	260	eP	P	18 17 15.3	+3.3
PAE	comp=Z,70nm,1.0s,mb5.5					18 17 16.0	+3.7
PPT	Papeete	71.16	261	eP	P	18 17 16.0	+3.7
PPT	comp=Z,48nm,1.3s,mb5.5					18 17 16.0	+3.7
PPT	Papeete	71.16	261	eLR	LR	18 17 12.7	+0.4
PPT	comp=Z,29jum,24.2s,baz=118					18 17 12.7	+0.4
PPT	Papeete	71.16	261	eP	P	18 17 12.7	+0.4
PPT	comp=Z,31nm,0.6s,mb5.4,baz=186,slow=8.8,SNR=4.6					18 17 12.7	+0.4
PPT	Papeete	71.16	261	eP	P	18 17 12.7	+0.4
PPT	comp=Z,12jum,21.4s,MS6.1,baz=156,slow=29					18 17 11.1	-1.2
PPT	Papeete	71.16	261	eP	P	18 17 11.1	-1.2
PPT	Saint Louis	71.16	261	eP	P	18 17 11.1	-1.2
PPT	French Village	71.16	344	eP	P	18 17 11.1	-1.2
FVM	French Village	71.16	344	eP	P	18 17 11.1	-1.2
FVM	comp=Z,230nm,1.2s,mb5.0					18 17 11.1	-1.2
CCM	Cathedral Cave	71.43	344	eP	P	18 17 11.9	-2.0
CCM	comp=Z,189nm,1.1s,mb5.9					18 17 11.9	-2.0
CCM	Cathedral Cave	71.43	344	eP	P	18 17 11.9	-2.0
CCM	comp=Z,188nm,1.1s,mb5.9					18 17 12.1	-2.2
BLO	Bloomington	71.50	348	eP	P	18 17 12.1	-2.2
BLO	comp=Z,232nm,1.4s,mb5.9					18 17 12.1	-2.2
BLO	Bloomington	71.50	348	eP	P	18 17 15.8	+0.5
BLO	comp=Z,292nm,1.4s,mb5.9					18 17 15.8	+0.5
BRNJ	Basking Ridge	71.67	357	eP	P	18 17 15.8	+0.5
SLM	Saint Louis	71.74	345	eP	P	18 17 15.0	-0.8
SLM	comp=Z,117nm,0.8s,mb5.9					18 17 15.0	-0.8
SLM	Saint Louis	71.74	345	eP	P	18 17 15.0	-0.8
SLM	comp=Z,117nm,0.8s,mb5.9					18 17 16.6	+0.7
CPNY	Central Park	71.76	358	eP	P	18 17 16.6	+0.7
SSPA	Standing Stone	71.82	355	eP	P	18 17 15.4	-0.8
SSPA	comp=Z,253nm,1.4s,mb6.0					18 17 16.0	-1.1
ACSO	Alum Creek Sta	71.97	351	eP	P	18 17 16.0	-1.1
ACSO	comp=Z,193nm,1.0s,mb6.0					18 17 17.4	+0.2
PAL	Palisades	71.97	358	eP	P	18 17 17.4	+0.2
PAL	comp=Z,57nm,1.2s,mb5.7					18 17 17.4	+0.2
PAL	Palisades	71.97	358	eP	P	18 17 17.4	+0.2
PAL	comp=Z,67nm,1.2s,mb5.5					18 17 24.3	+0.3
Y22C	IRIS PASCALL I	73.12	330	iP	P	18 26 54.7	+6.4
Y22C	IRIS PASCALL I	73.12	330	iP	P	18 26 54.7	+6.4
Y22C	IRIS PASCALL I	73.12	330	iP	P	18 26 54.7	+6.4
Y22C	IRIS PASCALL I	73.12	330	iP	P	18 26 54.7	+6.4
LPM	Los Pinos Moun	73.20	330	eP			

TUQ	baz=79, SNR=24	↑S	S	18 27 50.7 +3.6
EGOM	baz=79	↑S	S	18 17 52.1 -2.6
RRX	La Gomera 78.51 47 P comp=Z,179nm,2.7s,mb5.3	↑S	P	18 17 55.5 +0.5
RRX	Edison Barstow 78.55 32 P baz=79	↑S	S	18 27 51.2 +3.0
U12A	Valley of Fire 78.55 326 P baz=79	↑P	P	18 17 55.9 +0.9
U12A	Mount Wilson 78.59 322 P SNCC	↑S	S	18 27 51.8 +3.5
MWC	San Nicolas Is 78.63 320 P SNCC	↑S	S	18 17 57.0 +1.8 18 18 10.0 +1.5
SNCC	comp=Z,7.1um,20.0s,MS6.0	↑P	P	18 17 56.2 +0.8
SNCC	baz=79	↑S	S	18 27 54.4 +5.3
DECC	Green Verdugo 78.75 322 P baz=79	↑P	P	18 17 56.9 +0.8
DECC	Pilot Hill 78.77 335 P GSC	↑P	P	18 17 55.9 -0.3
PHWY	Goldstone 78.78 324 P GSC	↑P	P	18 17 56.5 +0.3
GSC	Goldstone 78.78 324 P baz=79, SNR=20	↑P	P	18 17 55.8 -0.5
GSC	cedar City 78.90 327 P SHRP	↑S	S	18 27 56.6 +5.9
CCUT	Sheep Range 78.91 325 P SRU	↑P	P	18 17 57.6 +0.7
SHRP	San Rafael 78.92 330 P CCAN	↑P	P	18 17 57.5 +0.5
SRU	Las Canadas 78.93 47 P comp=Z,106nm,1.1s,mb5.7	↑P	P	18 17 58.7 -0.2
CCAN	Corn Creek 78.96 325 P baz=79	↑S	S	18 17 55.6 -1.5
U11A	Shoshone 78.98 324 P baz=79	↑S	S	18 27 57.1 +4.6
SHOC	Edwards Air Fo 79.06 323 P baz=79, SNR=19	↑P	P	18 17 57.3 -0.1
EDW2	Edwards Air Fo 79.06 323 P EDW2	↑P	P	18 27 58.6 +5.7
ARUT	Antelope Range 79.13 327 P ARUT	↑P	P	18 27 56.3 +2.6
ARUT	Antelope Range 79.13 327 P MSU	↑P	P	18 18 03.6 +5.5
MSU	Marysville 79.14 329 P MVU	↑P	P	18 18 10.5
MVU	Marysville 79.15 329 P MVU	↑P	P	18 17 58.7 +0.6
OSI	Osito Adit 79.24 322 P baz=80	↑P	P	18 17 58.9 +0.7
BSC	Santa Cruz Isl 79.25 321 P baz=80	↑S	S	18 27 59.5 +3.9
BSC	Bajamar 79.32 47 P comp=Z,7.1um,2.8s,mb6.3	↑S	S	18 27 59.0 +0.2
EBAJ	Trail Mountain 79.37 330 P LRMC	↑P	P	18 28 00.5 +4.8
LRMC	Laurel Mountain 79.37 323 P LRMC	↑P	P	18 17 59.1 0.0
LRMC	baz=80, SNR=5.6	↑S	S	18 17 59.4 0.0
DRV	Dumont d'Urville 79.45 192 P DRV	↑P	P	18 18 00.3 +0.9
DRV	Dumont d'Urville 79.45 192 P DRV	↑P	P	18 28 01.1 +4.2
DRV	Tsumeb 79.47 106 P comp=Z,60nm,0.9s,mb5.5,baz=222,slow=5.6,SNR=43	↑P	P	18 17 58.0 -1.9
TSUM	comp=Z,1.0nm,0.8s,baz=22,slow=19,SNR=2.1	↑S	S	18 21 02.0 +1.8
TSUM	comp=Z,2.4um,19.3s,MS6.5,baz=228,slow=33	↑S	S	18 27 56.0 -1.8
TSUM	Tsumeb 79.47 106 P comp=Z,7.9nm,0.8s,mb5.7	↑P	P	18 33 05.0 -0.7
TSUM	Osoorio 79.50 48 P comp=Z,1.1um,2.0s,mb6.4	↑P	P	18 39 00.0
EOSO	Santa Barbara 79.64 321 P baz=80	↑P	P	18 18 01.2 +1.2
SBC	Arvin 79.69 322 P baz=80	↑S	S	18 27 56.8 -1.2
ARVC	Manual Prospec 79.72 324 P baz=80, SNR=19	↑P	P	18 49 42.0
MPMC	Furnace Creek, 79.72 324 P baz=80	↑P	P	18 18 00.8 +0.8
FURC	Rawlins 79.76 334 P comp=Z,231nm,1.3s,mb6.0	↑S	S	18 17 59.7 -0.5
RWWY	Isabella 79.92 323 P ISA	↑P	P	18 18 01.3 +0.4
ISA	Isabella 79.92 323 P comp=Z,2.1um,22.0s,MS5.5	↑P	P	18 28 03.9 +4.1
ISA	Darwin (Calif) 79.94 324 P comp=Z,117nm,1.2s,mb5.7	↑P	P	18 18 01.8 +0.6
DAC	Peak Mountain 80.04 321 P baz=80, SNR=34	↑P	P	18 28 03.8 +3.4
PKM	Maple Canyon 80.15 330 P MPU	↑P	P	18 18 02.2 +0.8
MPU	North Lily Min 80.29 329 P DAU	↑P	P	18 28 06.2 +5.5
DAU	Daniels Canyon 80.31 330 P CWC	↑P	P	18 18 02.2 +0.9
CWC	Cottonwood Cre 80.31 324 P baz=81	↑S	S	18 28 04.4 +3.7
CWC	Vestal, Richgr 80.37 322 P baz=81, SNR=15	↑P	P	18 18 01.3 -0.3
YES	Grapevine Rang 80.39 324 P baz=81, SNR=18	↑P	P	18 18 02.0 -0.4
GRAC	Simmler 80.45 322 P baz=81, SNR=5.5	↑P	P	18 18 03.5 +1.0
SMMC	Fuerteventura 80.67 49 P comp=Z,65nm,0.9s,mb5.6	↑P	P	18 28 08.6 +5.9
CFTV	Black Hills 80.75 337 P RSSD	↑P	P	18 18 02.8 +0.2
RSSD	Camp Tracy 80.76 330 P DUG	↑P	P	18 18 03.9 +0.9
DUG	Dugway 80.81 329 P comp=Z,134nm,1.3s,mb5.7	↑P	P	18 28 08.3 +4.3
DUG	Dugway 80.81 329 P comp=Z,20.0um,21.0s,MS6.4	↑P	P	18 18 03.3 -0.4
DUG	Dugway 80.81 329 P comp=Z,134nm,1.3s,mb5.7	↑P	P	18 18 03.8 -0.7
DUG	Dugway 80.81 329 P comp=Z,20.0um,21.0s,MS6.4	↑P	P	18 18 03.8 -0.4
DUG	Dugway 80.81 329 P comp=Z,134nm,1.3s,mb5.7	↑P	P	18 18 06.8 -0.4
DUG	Dugway 80.81 329 P comp=Z,20.0um,21.0s,MS6.4	↑P	P	18 18 07.7 +0.5
DUG	Dugway 80.81 329 P comp=Z,134nm,1.3s,mb5.7	↑P	P	18 28 15.3 +3.2
DUG	Dugway 80.81 329 P comp=Z,20.0um,21.0s,MS6.4	↑P	P	18 28 15.2 +3.1
DUG	Dugway 80.81 329 P comp=Z,134nm,1.3s,mb5.7	↑P	P	18 18 08.1 +0.8
DUG	Dugway 80.81 329 P comp=Z,20.0um,21.0s,MS6.4	↑P	P	18 18 17.5 -3.0
DUG	Dugway 80.81 329 P comp=Z,134nm,1.3s,mb5.7	↑P	P	18 33 52.5 +2.6
DUG	Dugway 80.81 329 P comp=Z,20.0um,21.0s,MS6.4	↑P	P	18 44 25.0
DUG	Dugway 80.81 329 P comp=Z,134nm,1.3s,mb5.7	↑P	P	18 18 08.3 +0.8

TIN	baz=81	↑S	S	18 28 16.4 +3.7
BOSA	Boshof 80.88 118 P comp=Z,103nm,0.8s,mb5.8,baz=248,slow=5.1,SNR=47	↑P	P	18 18 07.8 +0.2
BOSA	Boshof 80.88 118 P comp=Z,2.5nm,1.0s,baz=225,slow=20,SNR=1.8	↑P	P	18 28 17.2 -0.1
BOSA	Boshof 80.88 118 P comp=Z,21um,18.7s,MS6.5,baz=241,slow=34	↑P	P	18 51 53.7
BOSA	Boshof 80.88 118 P comp=Z,128nm,0.8s,mb5.9	↑P	P	18 18 07.9 +0.3
R10A	Warm Springs 80.88 326 P baz=81	↑P	P	18 18 08.9 +1.3
S09A	Goldfield 80.89 325 P baz=81, SNR=26	↑P	P	18 28 16.1 +3.2
S09A	Goldfield 80.89 325 P baz=81	↑P	P	18 18 07.7 +0.1
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 28 17.0 +4.1
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 20 10.0 +2.3
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 21 19.0 +6.5
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 28 34.0 -0.7
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 34 30.0
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 44 48.0
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 06.2 -1.6
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 08.4 +0.3
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 28 16.1 +2.2
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 08.6 +0.4
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 28 17.2 +3.0
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 10.0 +0.9
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 09.9 +0.9
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 10.0 +0.9
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 28 19.7 +4.0
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 10.0 +0.9
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 28 19.4 +3.6
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 10.6 +1.4
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 28 21.7 +5.7
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 28 10.0 +0.6
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 28 21.0 +4.7
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 10.5 +1.1
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 28 19.9 +3.3
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 09.0 -0.6
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 11.0 +1.2
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 28 20.9 +3.8
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 09.8 -0.7
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 10.5 -0.4
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 10.3 -0.6
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 08.8 -2.4
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 20.0 +8.6
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 10.6 -0.8
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 28 16.0 -4.2
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 36 43.1 -0.6
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 44 40.8
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 51 09.6
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 12.5 +1.0
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 28 24.0 +3.5
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 12.6 +1.1
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 28 23.6 +3.1
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 11.8 +0.3
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 22.7 +2.1
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 12.4 +0.8
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 28 25.0 +4.2
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 12.5 +0.5
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 28 25.1 +3.4
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 12.5 +0.3
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 23 14.0
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 28 20.0 -1.8
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 37 12.0
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 13.1 +0.6
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 28 25.0 +2.6
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 13.7 +1.1
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 13.8 +0.5
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 28 26.3 +2.3
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 13.7 +0.4
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 28 20.7 -3.4
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 36 44.4 +1.5
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 14.0 +0.5
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 28 30.5 +6.0
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 14.5 +0.9
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 28 27.4 +2.9
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 14.2 +0.4
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 28 28.0 +3.2
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 14.9 +1.0
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 28 30.0 +4.8
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 14.6 +0.6
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 28 29.6 +4.2
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 13.1 -0.9
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 18 14.1 0.0
PDA	Ponta Delgada 80.89 35 P PDA	↑P	P	18 28 28.0 +2.3

S05C	Merced 82.17 323 P baz=82	↑P	P	18 18 14.3 -0.1
S05C	Agassiz Refug 82.20 344 P comp=E,11nm,1.1s,mb5.7	↑P	P	18 28 29.1 +3.0
AGMN	Auburn Hatcher 82.21 332 P comp=Z,157nm,1.5s,mb5.7	↑P	P	18 18 14.3 -0.2
AHID	Auburn Hatcher 82.21 332 P comp=Z,13um,20.0s,MS6.3	↑P	P	18 18 13.7 -0.9
AHID	Austin 82.28 326 P baz=83	↑S	S	18 28 27.9 +0.7
P09A	Clover Valley, 82.33 328 P baz=83, SNR=20	↑P	P	18 18 15.7 +0.4
N12A	Pacheco Peak 82.41 322 P baz=83, SNR=10	↑S	S	18 28 30.0 +2.2
PACP	Cortez Mining, 82.56 327 P baz=83	↑P	P	18 18 16.5 +0.1
O10A	Walker 82.59 324 P comp=Z,134nm,1.4s,mb5.8	↑P	P	18 28 32.2 +3.5
O10A	Walker 82.59 324 P comp=Z,134nm,1.4s,mb5.8	↑P	P	18 28 32.1 +2.0
WAKR	Walker 82.59 324 P comp=Z,134nm,1.4s,mb5.8	↑P	P	18 18 17.7 +1.1
REDW	Walker 82.59 324 P comp=Z,134nm,1.4s,mb5.8	↑P	P	18 18 16.9 +0.2
Q07A	Schurz 82.61 325 P baz=83	↑P	P	18 18 17.5 +0.8
Q07A	Schurz 82.61 325 P baz=83	↑P	P	18 28 34.6 +3.9
R06C	Coleville 82.61 324 P baz=83	↑P	P	18 18 17.2 +0.5
R06C	Coleville 82.61 324 P baz=83	↑P	P	18 28 35.5 +4.8
N11A	Elko Archery C 82.62 328 P baz=83	↑P	P	18 18 17.4 +0.6
N11A	Elko Archery C 82.62 328 P baz=83	↑P	P	18 28 33.8 +3.0
SNOW	Snow King Moun 82.65 332 P LOHW	↑P	P	18 18 16.4 -0.5
LOHW	Long Hollow 82.72 332 P CMB	↑P	P	18 18 15.8 -1.4
CMB	Columbia Cole 82.72 332 P baz=83	↑P	P	18 18 17.8 +0.5
CMB	Columbia Cole 82.72 332 P baz=83	↑P	P	18 28 34.2 +2.5
CASY	Casey 82.73 181 P comp=Z,182nm,0.8s,mb6.2	↑P	P	18 18 16.6 -0.7
CASY	Casey 82.73 181 P comp=Z,17um,20.0s,MS6.4	↑P	P	18 18 17.5 +0.2
M12A	Wells 82.73 329 P baz=83, SNR=13	↑S	S	18 28 34.3 +2.5
M12A	Wells 82.73 329 P baz=83	↑S	S	18 18 16.9 -0.5
TPAW	Teton Pass 82.75 332 P comp=Z,107nm,1.4s,mb5.7	↑P	P	18 18 21.4 +3.8</

YMR	comp=Z,13um,21.0s,MS6.3	LR	LR			
Q04C	Lincoln	83.83 323	↑P	P	18 18 23.0	0.0
Q04C	baz=84		↑S	S	18 28 46.7	+3.7
FARB	Farallon Islan	83.84 321	↑P	P	18 18 23.1	+0.1
FARB	baz=84		↑S	S	18 28 45.3	+2.3
M09A	Marrel Ranch,	83.89 327	↑P	P	18 18 23.3	0.0
M09A	baz=84		↑S	S	18 28 47.5	+3.9
CVS	Carmenet Viney	84.03 322	↑P	P	18 18 23.4	-0.6
CVS	baz=84		↑S	S	18 28 49.0	+4.0
ULM	Lac du Bonnet	84.03 345	↑P	P	18 18 21.5	-2.5
ULM	comp=Z,46nm,1.0s,mb5.6,baz=162,slow=4.6,SNR=18		↑S	S	18 28 37.6	-7.4
ULM	comp=Z,114nm,1.2s,mb5.9		↑P	P	18 18 21.7	-2.3
ULM	comp=Z,7,2um,22.0s,MS6.0	LR	LR			
O06A	Flanigan	84.06 325	↑P	P	18 18 24.9	+0.7
O06A	baz=84,SNR=5.9		↑S	S	18 28 50.1	+4.8
QLMT	Earthquake Lak	84.06 333	↑P	P	18 18 25.3	+1.1
BEKR	Beckwirth	84.09 324	↑P	P	18 18 24.2	-0.1
BEKR	baz=84,SNR=26		↑S	S	18 28 48.5	+2.8
MCCM	Marconi Confer	84.10 322	↑P	P	18 18 24.0	-0.4
MCCM	baz=84		↑S	S	18 28 49.4	+3.7
N07B	Gerlach	84.11 326	↑P	P	18 18 24.4	0.0
N07B	baz=84,SNR=27		↑S	S	18 28 49.0	+3.2
HLID	Hailey	84.24 330	↑P	P	18 18 25.2	+0.2
HLID	comp=Z,100nm,1.4s,mb5.8	LR	LR			
HLID	comp=Z,11um,21.0s,MS6.2	LR	LR			
HLID	baz=84	84.24 330	↑P	P	18 18 24.9	-0.1
HLID	baz=84		↑S	S	18 28 51.6	+4.4
O0HC	Honcut	84.26 323	↑P	P	18 18 24.5	-0.7
SUTB	Sutter Butte	84.33 323	↑P	P	18 18 25.0	-0.5
SUTB	baz=85		↑S	S	18 28 51.0	+3.0
M08A	Happy Creek Ra	84.35 326	↑P	P	18 18 25.5	-0.1
M08A	baz=85,SNR=24		↑S	S	18 28 51.6	+3.4
MNRC	McLaughlin Nat	84.41 322	↑P	P	18 18 25.7	-0.3
MNRC	baz=85		↑S	S	18 28 54.1	+5.3
ORV	Oroville	84.43 323	↑P	P	18 18 25.7	-0.3
ORV	baz=85,SNR=24		↑S	S	18 28 51.5	+2.5
O05C	Quincy	84.44 324	↑P	P	18 18 26.6	+0.5
O05C	baz=85		↑S	S	18 28 51.6	+2.4
L09A	Wilkinson Ranc	84.46 327	↑P	P	18 18 26.3	+0.1
L09A	baz=85		↑S	S	18 28 52.6	+3.3
N06A	Buffalo Meadow	84.51 325	↑P	P	18 18 25.8	-0.6
N06A	baz=85,SNR=49		↑S	S	18 28 53.7	+4.0
MCMT	McKenzie Canyo	84.62 332	↑P	P	18 18 26.9	-0.1
DCMT	Dagmar	84.65 339	↑P	P	18 18 26.6	-0.5
DCMT	LR		LR			
M07A	Soldier Meadow	84.68 326	↑P	P	18 18 27.1	-0.2
M07A	baz=85,SNR=19		↑S	S	18 28 53.2	+1.8
O04C	Chester	84.80 324	↑P	P	18 18 27.8	-0.1
O04C	baz=85		↑S	S	18 28 53.8	+1.1
HOPS	Hopland	84.83 322	↑P	P	18 18 32.9	+4.9
HOPS	baz=85	84.83 322	↑P	P	18 18 28.1	0.0
HOPS	baz=85		↑S	S	18 28 55.3	+2.3
ELFS	Eagle Lake Fie	84.85 325	↑P	P	18 18 27.8	-0.3
ELFS	baz=85,SNR=18		↑S	S	18 28 56.8	+3.6
L08A	Fields	84.91 327	↑P	P	18 18 28.3	-0.1
L08A	baz=85,SNR=15		↑S	S	18 28 57.1	+3.4
DLMT	Dillon	84.96 332	↑P	P	18 18 29.1	+0.4
K09A	Rome	85.02 328	↑P	P	18 18 28.9	-0.1
K09A	comp=Z,85nm,1.2s,mb5.8		↑S	S	18 28 57.7	+2.8
O03C	Acorn Hollow,	85.03 323	↑P	P	18 18 28.4	-0.7
O03C	baz=85		↑S	S	18 28 56.8	+1.8
GASB	Alder Springs	85.13 323	↑P	P	18 18 29.7	+0.1
GASB	baz=85,SNR=24		↑S	S	18 28 60.0	+4.0
M06C	Likely Place G	85.17 325	↑P	P	18 18 29.6	-0.1
M06C	baz=85,SNR=17		↑S	S	18 28 58.8	+2.5
WVOR	Wild Horse Val	85.23 327	↑P	P	18 18 28.9	-1.2
WVOR	comp=Z,60nm,1.1s,mb5.6		MLR	MLR		
WVOR	comp=Z,9um,19.0s,MS6.2		MLR	MLR		
WVOR	comp=Z,60nm,1.1s,mb5.6		LR	LR		
WVOR	comp=Z,9um,19.0s,MS6.2		LR	LR		
L07A	Adell	85.24 326	↑P	P	18 18 30.3	+0.2
L07A	baz=86		↑S	S	18 29 01.0	+4.0
LRM	Limekiln Ridge	85.28 333	↑P	P	18 18 30.2	-0.1
P01C	Double 8 Ranch	85.32 322	↑P	P	18 18 30.9	+0.4
P01C	baz=86,SNR=7.1		↑S	S	18 28 59.5	+1.7
HATC	Hat Creek Radi	85.36 324	↑P	P	18 18 31.1	+0.4
HATC	baz=86,SNR=6.3		↑S	S	18 29 00.2	+2.0
K08A	Mann Creek Ran	85.39 327	↑P	P	18 18 31.1	+0.2
K08A	baz=86		↑S	S	18 29 00.4	+1.9
SNZO	South Karori	85.47 224	↑P	P	18 18 40.0	+8.8
SNZO	comp=Z,8um,19.0s,MS6.1		LR	LR		
J09A	Fry Pan Ranch,	85.54 328	↑P	P	18 18 31.5	-0.1
J09A	baz=86,SNR=18		↑S	S	18 29 02.5	+2.5
O02C	Red Bluff	85.56 323	↑P	P	18 18 31.4	-0.3
O02C	baz=86,SNR=8.5		↑S	S	18 29 02.5	+2.4
M05C	Lookout	85.61 325	↑P	P	18 18 31.3	-0.7
M05C	baz=86		↑S	S	18 29 02.4	+1.7
MOD	Modoc	85.61 326	↑P	P	18 18 40.0	+8.0
MOD	comp=Z,9um,20.0s,MS6.1		LR	LR		
KIPM	Iron Peak	85.64 322	↑P	P	18 18 33.2	+1.0

K07A	Rock Creek Ran	85.72 327	↑P	P	18 18 32.3	-0.2
K07A	baz=86,SNR=40		↑S	S	18 29 03.4	+1.6
WDC	Whiskeytown Da	85.73 324	↑P	P	18 18 31.2	-1.3
WDC	Whiskeytown Da	85.73 324	↑P	P	18 18 32.1	-0.5
WDC	baz=86		↑S	S	18 29 02.0	+0.2
URZ	Urewera	85.86 227	↑P	P	18 18 33.6	+0.5
URZ	comp=Z,6.2nm,0.7s,mb4.9,baz=276,slow=19,SNR=2.8		LR	LR		
URZ	comp=Z,18um,21.3s,MS6.4,baz=119,slow=29		LR	LR		
URZ	Urewera	85.86 227	↑P	P	18 18 33.6	+0.4
URZ	baz=86		LR	LR		
SCHO	Schefferville	85.86 3	↑P	P	18 18 32.6	-0.6
SCHO	comp=Z,69nm,1.1s,mb5.8,baz=158,slow=3.4,SNR=11		LR	LR		
SCHO	comp=Z,2.9nm,0.8s,baz=108,slow=13,SNR=2.5		LR	LR		
SCHO	Schefferville	85.86 3	↑P	P	18 18 32.5	-0.7
SCHO	comp=Z,172nm,1.3s,mb6.1		LR	LR		
J08A	Circle Bar Ran	85.88 328	↑P	P	18 18 32.8	-0.4
J08A	baz=86,SNR=47		↑S	S	18 29 06.0	+2.7
L05A	Lakeview	85.98 325	↑P	P	18 18 33.5	-0.3
L05A	baz=86,SNR=40		↑S	S	18 29 09.2	+4.8
I09A	Lost Marbles R	86.02 328	↑P	P	18 18 33.2	-0.8
I09A	baz=86		↑S	S	18 29 07.2	+2.4
RPZ	Rata Peaks	86.03 220	↑P	P	18 18 35.5	+1.5
RPZ	comp=Z,18nm,0.7s,mb5.4,baz=18,slow=19,SNR=4.3		LR	LR		
M03C	McCloud	86.03 324	↑P	P	18 18 33.1	-1.0
M03C	comp=Z,11um,18.9s,MS6.3,baz=58,slow=31		LR	LR		
M03C	baz=86		↑S	S	18 29 06.7	+1.9
O01C	Gel River Cons	86.06 323	↑P	P	18 18 33.5	-0.7
O01C	baz=86		↑S	S	18 29 10.0	+4.9
EGMT	Eagleton	86.11 335	↑P	P	18 18 33.6	-0.9
EGMT	comp=Z,6um,20.0s,MS6.0		LR	LR		
EGMT	Eagleton	86.11 335	↑P	P	18 18 33.8	-0.7
EGMT	baz=86		↑S	S	18 29 05.9	+0.2
J07A	Hines	86.27 327	↑P	P	18 18 34.8	-0.5
J07A	baz=87		↑S	S	18 29 11.1	+3.9
M04C	Macdoel	86.28 325	↑P	P	18 18 34.8	-0.5
M04C	baz=86,SNR=38		↑S	S	18 29 09.7	+2.5
N02C	Big Bar	86.30 323	↑P	P	18 18 35.7	+0.3
N02C	baz=86,SNR=8.5		↑S	S	18 29 10.3	+2.8
I08A	Drowsey	86.35 328	↑P	P	18 18 36.1	-0.2
I08A	baz=87		↑S	S	18 29 11.5	+3.5
M02C	Callahan	86.49 324	↑P	P	18 18 36.1	-0.2
M02C	baz=87,SNR=18		↑S	S	18 29 10.3	+1.0
CHMT	Chamberlain Mo	86.50 333	↑P	P	18 18 35.3	-1.0
K05A	Summer Lake	86.53 326	↑P	P	18 18 36.3	-0.2
K05A	baz=87		↑S	S	18 29 14.1	+4.5
H09A	Durkee	86.53 329	↑P	P	18 18 36.3	-0.2
H09A	baz=87,SNR=5.5		↑S	S	18 29 11.5	+1.8
KHMM	Horse Mountain	86.56 323	↑P	P	18 18 37.8	+1.2
J06A	Christmas Vall	86.57 327	↑P	P	18 18 36.2	-0.5
J06A	baz=87		↑S	S	18 29 12.5	+2.4
L04A	Klamath Falls	86.59 325	↑P	P	18 18 36.3	-0.5
L04A	baz=87,SNR=11		↑S	S	18 29 13.1	+2.8
JCC	Jacoby Creek	86.67 323	↑P	P	18 18 37.1	-0.1
JCC	baz=87		↑S	S	18 29 15.7	+4.6
YBH	Yreka Blue Hor	86.67 324	↑P	P	18 18 35.8	-1.4
YBH	comp=Z,14nm,0.8s,mb5.2,baz=92,slow=3.9,SNR=19		LR	LR		
YBH	Yreka Blue Hor	86.67 324	↑P	P	18 18 35.4	-1.8
YBH	comp=Z,0.4nm,0.3s,baz=53,slow=12,SNR=1.9		LR	LR		
YBH	baz=87		↑S	S	18 29 12.1	+1.0
MSO	Missoula	86.70 332	↑P	P	18 18 37.8	+0.4
MSO	comp=Z,9um,19.0s,MS6.2		LR	LR		
K04A	Chilquin	86.84 325	↑P	P	18 18 37.7	-0.3
K04A	baz=87		↑S	S	18 29 15.6	+2.9
H08A	Prairie City	86.87 328	↑P	P	18 18 38.0	-0.2
H08A	baz=87,SNR=13		↑S	S	18 29 17.1	+4.2
I07A	Izee	86.91 328	↑P	P	18 18 38.2	-0.2
I07A	baz=87		↑S	S	18 29 16.9	+3.5
J05A	Fort Rock	87.11 326	↑P	P	18 18 38.8	-0.5
J05A	baz=87		↑S	S	18 29 19.9	+4.3
KRMB	Red Mountain	87.12 323	↑P	P	18 18 39.2	-0.2
I06A	Prineville	87.13 327	↑P	P	18 18 39.0	-0.4
I06A	baz=87		↑S	S	18 29 19.7	+4.3
KTRM	Thompson Ridge	87.14 324	↑P	P	18 18 40.3	+0.8
H07A	Lands Inn, Kim	87.33 328	↑P	P	18 18 40.1	-0.3
H07A	baz=88		↑S	S	18 29 20.2	+2.9
F10A	Beach Ranch, E	87.37 330	↑P	P	18 18 39.8	-0.8
F10A	baz=88		↑S	S	18 29 20.9	+3.1
L02A	Cave Junction	87.43 324	↑P	P	18 18 40.7	-0.2
L02A	baz=88,SNR=14		↑S	S	18 29 21.6	+3.2
F09A	32 Ranch, Elgi	87.46 329	↑P	P	18 18 40.5	-0.5
F09A	baz=88		↑S	S	18 29 20.9	+2.2
M01C	Crescent City	87.47 324	↑P	P	18 18 40.8	-0.3
M01C	baz=88		↑S	S	18 29 22.2	+3.5
G08A	Pilot Rock	87.59 329	↑P	P	18 18 42.0	+0.3
G08A	baz=88		↑S	S	18 29 21.1	+1.1
C13A	Hot Springs	87.64 332	↑P	P	18 18 41.6	-0.3
C13A	baz=88,SNR=18		↑S	S	18 29 22.2	+1.8
MATP	Matopo	87.66 112	↑P	P	18 18 42.5	+0.6
MATP	comp=Z,48nm,0.9s,mb5.8,baz=233,slow=4.4,SNR=33		LR	LR		
MATP	comp=Z,1.7nm,1.0s,baz=114,slow=10.0,SNR=2.0		LR	LR		
MATP	PKKpbc PKKpbc		LR	LR		
VIPM	Ingram Point	87.75 327	↑P	P	18 18 42.6	+0.2
RAO	Raoul Island	87.76 237	↑P	P	18 18 42.4	+0.2
RAO	comp=Z,5um,18.2s,					

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, h, m, s, ISC, Time Res. Includes stations like WUAZ Wupatki, PLAL Pickwick Lake, MVCO Messa Verde, etc.

ISC 12 19:07:39.3, 3.7, 2.103N; 12057E, h0km, mb3.7/3, mb1 4.0/3, mb1mx3.5/19, mbtmp3.7/3, Error ellipse: s-maj=296.8km s-min=28.0km az=60.0

ISCJB 12 19:07:45.9, 3.3, 2.081N; 130.0E, h58km, 26km, mb3.7/3, Error ellipse: s-maj=77.9km s-min=18.9km az=95.3

ISC 12 19:07:47.0, 3.2, 2.08N; 1201E, h52km, 26km, n8, 6599/8, mb3.7/3, Philippine Islands

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, h, m, s, ISC, Time Res. Includes stations like SGCP Mt. Cagua, ABRA Dolores, CAUP Cauayan, etc.

ISC 12 19:14:11.2, 1.0, 4.89N; 126.40E, h0km, mb4.1/11, mb1 4.3/11, mb1mx4.1/19, mbtmp4.2/11, Error ellipse: s-maj=106.7km s-min=14.0km az=70.0

ISCJB 12 19:14:18.7, 1.0, 4.97N; 100.8E, h76km, 9km, mb4.2/2, Error ellipse: s-maj=31.5km s-min=9.5km az=144.2

MAN 12 19:14:18.5, 5.12N; 126.63E, h9km, mb4.5, 9.5, MS.1 NEIC 12 19:14:19.7, 1.5, 4.89N; 126.31E, h6km, 14km, mb4.5/5, Error ellipse: s-maj=39.1km s-min=7.6km az=72.0

ISC 12 19:14:20.1, 1.0, 4.98N; 100.8E, h72km, 9km, n30, 6150/4, mb4.2/15, 2C, Taal Islands

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, h, m, s, ISC, Time Res. Includes stations like MATI Mati, DAV Davao City (W), DAV Davao City (E), etc.

ISC 12 19:14:36.5, 2.3, 1.408N; 146.68E, h48km, 20km, mb4.8/8, Error ellipse: s-maj=17.2km s-min=12.4km az=72.0

ISC 12 19:14:35.3, 5.4, 1.413N; 008.14674E, h2km, 37km, h26km, 5.9km; pP-P, n53, 6150/50, mb4.7/29, 1C, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, h, m, s, ISC, Time Res. Includes stations like W22 Warungarray, MBWA Waribe Bar, AS31 Alice Springs, etc.

ISC 12 19:14:32.0, 0.0, 5, 14.17N; 008.14674E, h0km, mb4.6/14, mb1 4.6/14, mb1mx4.5/21, mbtmp4.6/14, Error ellipse: s-maj=19.3km s-min=16.6km az=101.0

BUI 12 19:14:31.5, 14.26N; 147.25E, h37km, mb4.6, Ms5.8, MsZ.7

ISCJB 12 19:14:32.0, 0.0, 5, 14.17N; 008.14674E, h0km, mb4.6/14, mb4.7/29, Error ellipse: s-maj=11.8km s-min=8.0km az=119.4

NEIC 12 19:14:36.5, 2.3, 1.408N; 146.68E, h48km, 20km, mb4.8/8, Error ellipse: s-maj=17.2km s-min=12.4km az=72.0

ISC 12 19:14:35.3, 5.4, 1.413N; 008.14674E, h2km, 37km, h26km, 5.9km; pP-P, n53, 6150/50, mb4.7/29, 1C, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, h, m, s, ISC, Time Res. Includes stations like GUMO Guam, JOW Kunigami, MJAR Matsushiro Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, h, m, s, ISC, Time Res. Includes stations like LSA Lhasa, JURN Gumbra, GUN Gumbra, etc.

ISC 12 19:07:39.3, 3.7, 2.103N; 12057E, h0km, mb3.7/3, mb1 4.0/3, mb1mx3.5/19, mbtmp3.7/3, Error ellipse: s-maj=296.8km s-min=28.0km az=60.0

ISCJB 12 19:07:45.9, 3.3, 2.081N; 130.0E, h58km, 26km, mb3.7/3, Error ellipse: s-maj=77.9km s-min=18.9km az=95.3

ISC 12 19:07:47.0, 3.2, 2.08N; 1201E, h52km, 26km, n8, 6599/8, mb3.7/3, Philippine Islands

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, h, m, s, ISC, Time Res. Includes stations like YKA Yellowknife Arr, YKA Yellowknife Arr, YKA Yellowknife Arr, etc.

ISC 12 19:06:4.0, 0.8, 3.344S; 178.69W, h6km, 29km, mb5.0/8, Error ellipse: s-maj=13.5km s-min=10.6km az=99.0

BUI 12 19:06:2.4, 3.11S; 179.06W, h12km, mb5.4, Error ellipse: s-maj=20.2km az=96.0

MOS 12 19:19:07.6, 2.4, 3.374S; 179.15W, h33km, mb5.1/4, Error ellipse: s-maj=20.2km az=96.0

ISC 12 19:07:6.2, 4.3, 3.364S; 178.69W, h6km, 29km, mb5.0/8, Error ellipse: s-maj=13.5km s-min=10.6km az=99.0

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, h, m, s, ISC, Time Res. Includes stations like RAO Raul Island, RAO Raul Island, RAO Raul Island, etc.

ISC 12 19:07:6.2, 4.3, 3.364S; 178.69W, h6km, 29km, mb5.0/8, Error ellipse: s-maj=13.5km s-min=10.6km az=99.0

MOS 12 19:19:07.6, 2.4, 3.374S; 179.15W, h33km, mb5.1/4, Error ellipse: s-maj=20.2km az=96.0

ISC 12 19:07:6.2, 4.3, 3.364S; 178.69W, h6km, 29km, mb5.0/8, Error ellipse: s-maj=13.5km s-min=10.6km az=99.0

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, h, m, s, ISC, Time Res. Includes stations like RAO Raul Island, RAO Raul Island, RAO Raul Island, etc.

ISC 12 19:07:6.2, 4.3, 3.364S; 178.69W, h6km, 29km, mb5.0/8, Error ellipse: s-maj=13.5km s-min=10.6km az=99.0

MOS 12 19:19:07.6, 2.4, 3.374S; 179.15W, h33km, mb5.1/4, Error ellipse: s-maj=20.2km az=96.0

ISC 12 19:07:6.2, 4.3, 3.364S; 178.69W, h6km, 29km, mb5.0/8, Error ellipse: s-maj=13.5km s-min=10.6km az=99.0

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, h, m, s, ISC, Time Res. Includes stations like RAO Raul Island, RAO Raul Island, RAO Raul Island, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, h, m, s, ISC, Time Res. Includes stations like FITZ Fitzroy Crossi, CASY Casey, NWAO Narragin (SRO), etc.

ISC 12 19:35:41.0, 1.2, 2.31S; 02.1692E, h10km, mb4.1/7, Error ellipse: s-maj=29.0km s-min=12.1km az=56.1

ISC 12 19:35:41.0, 1.2, 2.31S; 02.1692E, h10km, mb4.1/7, Error ellipse: s-maj=29.0km s-min=12.1km az=56.1

NEIC 12 19:35:41.0, 1.2, 2.31S; 02.1692E, h10km, mb4.1/7, Error ellipse: s-maj=29.0km s-min=12.1km az=56.1

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, h, m, s, ISC, Time Res. Includes stations like NJ2 Nanjing, NJ2 Nanjing, NJ2 Nanjing, etc.

ISC 12 19:35:41.0, 1.2, 2.31S; 02.1692E, h10km, mb4.1/7, Error ellipse: s-maj=29.0km s-min=12.1km az=56.1

ISC 12 19:35:41.0, 1.2, 2.31S; 02.1692E, h10km, mb4.1/7, Error ellipse: s-maj=29.0km s-min=12.1km az=56.1

NEIC 12 19:35:41.0, 1.2, 2.31S; 02.1692E, h10km, mb4.1/7, Error ellipse: s-maj=29.0km s-min=12.1km az=56.1

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, h, m, s, ISC, Time Res. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, ZAL Zalesovo, etc.

ISC 12 19:35:41.0, 1.2, 2.31S; 02.1692E, h10km, mb4.1/7, Error ellipse: s-maj=29.0km s-min=12.1km az=56.1

ISC 12 19:35:41.0, 1.2, 2.31S; 02.1692E, h10km, mb4.1/7, Error ellipse: s-maj=29.0km s-min=12.1km az=56.1

NEIC 12 19:35:41.0, 1.2, 2.31S; 02.1692E, h10km, mb4.1/7, Error ellipse: s-maj=29.0km s-min=12.1km az=56.1

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, h, m, s, ISC, Time Res. Includes stations like DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PCBR Castelo Branco, ESPR Espera, EMIN Mina Concepcio, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ASAJ Asahikawa, MAJO Matushiro, INK Inuvik, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PCRV Puerto La Cruz, SJK San Juan, SAML Samuel, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes entries for PDAR Pinedale Array, AKASG Malin Array B, BRTR Keskin Array B, etc.

NEIC 12 21:59:05.1, 3140S:7164W, h31km, ML3.2(GUC), After GUC. GUC 12 21:59:05.1-0.7, 3140S:7164W, h31km, MD3.9, ML3.2, 2C-6D, Near coast of central Chile

Main table for NEIC 12 21:59:05.1, 3140S:7164W, h31km, MD3.9, ML3.2, 2C-6D. Lists station codes (CHNG, PTCH, TLL, etc.) and their respective parameters.

NEIC 12 22:06:48.4, 3145S:7171W, h25km, ML3.2(GUC), After GUC. GUC 12 22:06:48.4-0.8, 3145S:7171W, h25km, MD3.9, ML3.2, 8C, Near coast of central Chile

Main table for NEIC 12 22:06:48.4, 3145S:7171W, h25km, MD3.9, ML3.2, 8C. Lists station codes (CHNG, CMCH, PTCH, etc.) and their respective parameters.

CSEM 12 22:15:24.6:0.1, 6724N:2062E, h2km, ML2.6, Error ellipse: s-maj=4.4km s-min=3.3km az=88.0, Mining explosion.

UPP 12 22:15:25.6:6, 6720N:2067E, h3km, ML2.6, Mining explosion. HEL 12 22:15:26.1:0.1, 6718N:2066E, h0km, ML1.8, ML2.6(UPP), Explosion, Sweden

Main table for HEL 12 22:15:26.1:0.1, 6718N:2066E, h0km, ML1.8, ML2.6(UPP). Lists station codes (MASU, KUA, ERTU, etc.) and their respective parameters.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes entries for KEV, MSF, MSF, KU4, KU4, KU6, KU6.

SKO 12 22:16:25.0, 4118N:2260E, h2km, M3.4, ML2.2 THE 12 22:16:23.3, 4117N:2262E, h1km, ML2.2, Northwestern Balkan Peninsula

Main table for SKO 12 22:16:25.0, 4118N:2260E, h2km, M3.4, ML2.2. Lists station codes (Code, Station Name) and their respective parameters.

ISCJUB 12 22:41:16.7:0.4, 3241N:002:11510W, 002, h12km, 3km, Error ellipse: s-maj=3.5km s-min=2.7km az=95.7

NEIC 12 22:41:17.7:0.3, 3241N:002:11518W, 002, h16km, 2km, ECX 12 22:41:18.7:0.3, 3241N:002:11515W, h4km, ML3.3(PAS), ML3.5(ECX), After ECX. ECX 12 22:41:18.7:0.3, 3241N:002:11515W, h4km, MD3.5, ML3.6

ISC 12 22:41:17.7:0.3, 3241N:002:11518W, 002, h16km, 2km, n37, @191870, 12C-17Z, California-Baja California border region

Main table for ISC 12 22:41:17.7:0.3, 3241N:002:11518W, 002, h16km, 2km. Lists station codes (Code, Station Name) and their respective parameters.

NEIC 12 23:01:12.9:0.8, 3137S:7165W, h24km, ML3.3(GUC), After GUC. GUC 12 23:01:12.9:0.8, 3137S:7165W, h24km, MD3.8, ML3.3, 9C-2D, Near coast of central Chile

Main table for NEIC 12 23:01:12.9:0.8, 3137S:7165W, h24km, MD3.8, ML3.3, 9C-2D. Lists station codes (Code, Station Name) and their respective parameters.

az=55.1 NEIC 12 22:54:31.6:0.5, 1652S:17276W, h35km, mb4.4/3, Error ellipse: s-maj=20.0km s-min=10.5km az=121.0

ISC 12 22:54:31.3:0.6, 1649S:009:1272W, 02, h35km, n22, @090116, mb4.2/8, MS3.7/7, Samoa Islands region

Main table for NEIC 12 22:54:31.6:0.5, 1652S:17276W, h35km, mb4.4/3. Lists station codes (Code, Station Name) and their respective parameters.

NEIC 12 23:01:12.9:0.8, 3137S:7165W, h24km, ML3.3(GUC), After GUC. GUC 12 23:01:12.9:0.8, 3137S:7165W, h24km, MD3.8, ML3.3, 9C-2D, Near coast of central Chile

Main table for NEIC 12 23:01:12.9:0.8, 3137S:7165W, h24km, MD3.8, ML3.3, 9C-2D. Lists station codes (Code, Station Name) and their respective parameters.

NIED 12 23:11:00, 4230N:143.0E, h53km, Mw4.0 Best double couple: Mo=1.26000e+10 N1=25.00000, delta7.00000, 1.76.00000, NP2=238.00000, delta6.00000, 1.20.00000

MOS 12 23:11:38.2:1.3, 4255N:142.68E, h30km, mb4.3/9, Error ellipse: s-maj=18.0km s-min=11.5km az=95.0

IDC 12 23:11:40.8:4.1, 4228N:143.27E, h69km, 22km, mb3.7/5, mb1.3/7.6, mb1mx3.4/19, mbtrmp3.9/6, Error ellipse: s-maj=67.3km s-min=28.0km az=109.0

ISCJL 12 23:11:40.4:0.4, 4229N:004:14306E, 005, h68km, 3km, mb4.0/10, Error ellipse: s-maj=7.8km s-min=5.3km az=111.9

NEIC 12 23:11:41.3:0.8, 4236N:143.11E, h60km, 9km, mb4.3/6, Error ellipse: s-maj=14.5km s-min=11.8km az=125.0

NEIC Recorded [2 JMA] in south-central Hokkaido. JMA 12 23:11:42.0:1.1, 4232N:143.06E, h55km, 1km, M3.9 Broadband fault plane solution: P waves. NP1: phi=254.00000, 348.00000, 1.154.00000, NP2: phi=68.00000, 358.00000, 1.52.00000. Principal axes: T P1=58.00000, Azm=233.00000, N P1=31.00000; Azm=41.00000, P P1=5.00000, Azm=134.00000; JMA Felt II, JMA

ISC 12 23:11:41.5:0.4, 4231N:004:14306E, 005, h62km, 3km, n45, @078/54, mb4.1/10, 6C-4D, Hokkaido region

Main table for ISC 12 23:11:41.5:0.4, 4231N:004:14306E, 005, h62km, 3km. Lists station codes (Code, Station Name) and their respective parameters.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAJ, YUK, YUH, etc.

NEIC 12 23:12:16.6, 3145Sx7167W, h25km, ML3.0(GUC), After GUC.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHNG, PTCH, TLL, etc.

CSEM 12 23:31:30.7, 6784N-2019E, h0km, ML2.6, Mining explosion. After UPP.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUA, NIKU, LANU, etc.

NEIC 12 23:34:07.8, 3140Sx7171W, h26km, ML3.3(GUC), After GUC.

GUC 12 23:34:07.8, 0.9, 3140S, 7171W, h26km, 3km, MD3.7, ML3.3, 3C-3D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHNG, PTCH, TLL, etc.

NEIC 12 23:48:12.2, 3151Sx7164W, h32km, ML3.4(GUC), After GUC.

GUC 12 23:48:12.2, 0.8, 3151S, 7164W, h32km, 2km, MD3.9, ML3.4, 3C-2D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHNG, PTCH, TLL, etc.

ISC/JB 13 00:07:19.5, 0.5, 5607S, 007.1221W, 02, h10km, mb4.5/20, MS4.4/18, Error ellipse: s-maj=17.6km s-min=9.6km az=28.9

IDC 13 00:07:19.0, 0.6, 5600S, 12240W, h0km, mb4.4/9, mb1.4/5.9, mb1mx4.5/15, mb2mx4.3/9, MS4.3/16, MS1.4/3/16, ms1mx4.1/25, Error ellipse: s-maj=25.5km s-min=17.5km az=141.0

NEIC 13 00:07:20.8, 0.3, 5601S, 12221W, h10km, mb4.7/10, Error ellipse: s-maj=15.6km s-min=9.6km az=113.0

BUI 13 00:07:20.8, 5600S, 12220W, h10km, mb5.3, MS5.7, MS2.9

ISC 13 00:07:20.5, 0.5, 5603S, 007.1223W, 02, h10km, n80, 0587/36, mb4.5/20, MS4.4/18, 4C, Southern East Pacific Rise

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMSA, USHA, RPN, SBA, Vnda, etc.

Table with columns: VNA1, SNA1, SNA2, SNA3, SNA4, SNA5, SNA6, SNA7, SNA8, SNA9, SNA10, SNA11, SNA12, SNA13, SNA14, SNA15, SNA16, SNA17, SNA18, SNA19, SNA20, SNA21, SNA22, SNA23, SNA24, SNA25, SNA26, SNA27, SNA28, SNA29, SNA30, SNA31, SNA32, SNA33, SNA34, SNA35, SNA36, SNA37, SNA38, SNA39, SNA40, SNA41, SNA42, SNA43, SNA44, SNA45, SNA46, SNA47, SNA48, SNA49, SNA50, SNA51, SNA52, SNA53, SNA54, SNA55, SNA56, SNA57, SNA58, SNA59, SNA60, SNA61, SNA62, SNA63, SNA64, SNA65, SNA66, SNA67, SNA68, SNA69, SNA70, SNA71, SNA72, SNA73, SNA74, SNA75, SNA76, SNA77, SNA78, SNA79, SNA80, SNA81, SNA82, SNA83, SNA84, SNA85, SNA86, SNA87, SNA88, SNA89, SNA90, SNA91, SNA92, SNA93, SNA94, SNA95, SNA96, SNA97, SNA98, SNA99, SNA100. Includes stations like Sanae, Nuku Hiva Isla, Maitri, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NIE Niedzica, OJC Ojcow, BZS Buzias, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like LOR Lormes, LOR Lormes, LOR Lormes, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like FITZ Fitzroy Crossi, SKAG Skagway, YKA Yellowknife Arr, etc.

INMG 13 00:48:16.7±0.4, 4281N±.725W, h2km±5km, ML1.8, Error ellipse: s-maj=3.6km s-min=2.0km az=96.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ERUA La Rua, EPON Pontonova, etc.

NEIC 13 01:04:58.4, 5725N±15554W, h59km, ML3.5(AEIC), After Code Station Name Az E Phase ID Time Res

Table with columns: Code, Station Name, Az, AZ, Op, Phase ID, Time, Res. Includes stations like CHGN, SDPT, SVWZ, SLKM, etc.

NEIC 13 01:18:16.4, 3888S, 17525E, h167km, MG3.9(WEL), After WEL. WEL 13 01:18:15.8, 0.4, 3888S, 17523E, h173km, 3km, MLD.8/16, 8C-3D, Error ellipse: s-maj=4.1km s-min=3.1km az=0.0, North Island

Main station list table with columns: Code, Station Name, Az, AZ, Op, Phase ID, Time, Res. Includes stations like TWVZ, WPVZ, WRVZ, etc.

NIED 13 01:18:00, 3730N, 14300E, h20km, Mw4.8 Best double couple: M0:1.68000e+10, NP1:0.11.00000e, delta6.00000e, lambda7.00000e. NP2:0.227.00000e, delta9.00000e, lambda122.00000e.

GCMT 13 01:18:46.7, 0.6, 3739N, 14303E, h18km, 2km, MW4.9/52, Moment Tensor Solution, s-c10; s52.c75; Duration: 0 Moment tensor: Scale 1016Nm; Mr:1.51e+21; Mw:0.41+-12; Mw0-1.0e-12; Mw0.61+-21; Mw0-0.65+-05; Mw2.47+-46; Best double couple: M0:2.95100e+10, NP1:0.225.00000e, delta7.00000e, lambda116.00000e. NP2:0.17.00000e, delta9.00000e, lambda93.00000e. Principal axes: T 3.0110, P1g59.0000e, Azm276.0000e, N - 1.150, Plg7.0000e, Azm18.0000e, P -2.8900, Plg30.0000e, Azm113.0000e; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 13 01:18:46.7, 0.2, 3735N, 14283E, h10km, mb4.8/49, MS4.5/2, MW4.8(NIED) Error ellipse: s-maj=4.5km s-min=3.7km az=152.0

NEIC Recorded [1 JMA] in Miyagi Prefecture. JMA 13 01:18:46.3, 0.2, 3731N, 14303E, h59km, M5.0 JMA Felt 1 J1. BUJ 13 01:18:46.6, 3738N, 14267E, h20km, mb5.0, mb5.0, Ms4.8, Ms4.7

ISCJB 13 01:18:48.5, 0.2, 3736N, 0.02, 14282E, h32km, mb4.9/94, MS4.5/49, Error ellipse: s-maj=3.6km s-min=2.5km az=123.1

MOS 13 01:18:49.8, 0.9, 3756N, 14269E, h33km, mb5.1/58, MS4.5/16, Error ellipse: s-maj=8.6km s-min=4.6km az=114.3

SZGRF 13 01:18:49.7, 3715N, 14337E, h35km, mb5.0, MS4.6, Off east coast of Honshu, Japan

IDC 13 01:18:49.5, 0.4, 3727N, 14295E, h32km, 2km, mb4.5/19, mb1.4, 5/22, mb1mx4.5/26, mbtmp4.7/22, ML4.5/3, MS4.2/24, Ms1.4, 2/24, ms1mx4.0/46, Error ellipse: s-maj=13.9km s-min=10.0km az=84.0

ISC 13 01:18:50.3, 0.2, 3737N, 0.02, 14281E, 0.02, h34km, h34km, 3km, p-P, N.000, s101/395, mb4.9/94, MS4.5/49, 79C-22D, Off east coast of Honshu

Table with columns: Code, Station Name, Az, AZ, Op, Phase ID, Time, Res. Includes stations like JFK, JFC, JIO, etc.

Main station list table with columns: Code, Station Name, Az, AZ, Op, Phase ID, Time, Res. Includes stations like BSO1, BSO1, JANG, etc.

Main station list table with columns: Code, Station Name, Az, AZ, Op, Phase ID, Time, Res. Includes stations like SSE, PET, PET, etc.

13D 1h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BSO3, BSO1, Nii jima 2, Kozu shima, Mitsune, Hachijo jima 2, etc.

IDC 13 01:45:20.2, 3.8, 605S, 15149E, h0km, mb3.5/2, mb1 3.9/2, mb1mx3.5/1, mbtmp3.6/2, Error ellipse: s-maj=141.7km s-min=51.5km az=119.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA, ASAR, TORDI, etc.

NEIC 13 01:47:36.4, 3134S, 7174W, h24km, ML3.5(GUC), After GUC

GUC 13 01:47:36.4, 0.6, 3134S, 7174W, h24km, mb3.5, ML3.5, 3C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHNG, PTCH, PACH, TLL, BJI, LZH, etc.

ISCJB 13 01:51:19.8, 1.4, 2074N, 003, 11995E, 0.04, h2km, 8km, mb4, 6/55, MS4, 1/21, Error ellipse: s-maj=6.4km

IDC 13 01:51:20.8, 0.5, 2083N, 12008E, h0km, mb4.4/1.9, mb1 4.5/1.9, mb1mx4.4/2.4, mbtmp4.4/1.9, MS3, 9/13, Ms1 3.9/1.3, ms1mx3.7/2.6, Error ellipse: s-maj=29.5km s-min=11.8km az=66.0

BUI 13 01:51:21.7, 2076N, 12008E, h14km, mb4.9, mb4.5, ML4.3, Ms4.5, Msz4.3

NEIC 13 01:51:22.6, 0.2, 2077N, 11999E, h10km, mb4.8/3.0, MS4, 3/1, Error ellipse: s-maj=6.3km s-min=4.5km az=71.0

MOS 13 01:51:24.4, 1.0, 2083N, 120.12E, h33km, mb5.0/2.7, MS4, 3/6, Error ellipse: s-maj=13.3km s-min=5.4km az=120.8

MAN 13 01:51:25.1, 2056N, 11988E, h82km, MS5.6, SZGRF 13 01:51:30.1, 2272N, 12176E, h33km, mb5.0, Taiwan region

ISC 13 01:51:23.8, 1.5, 2075N, 003, 12002E, 0.04, h17km, 9km, h17km, 5.9km, p-P, n186, 0899/197, mb4.6/55, MS4, 1/21, 6C-5D, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SGCP, ABRA, NACB, YHNB, CAUP, PALP, BOLP, QZH, etc.

2006 OCT

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like QIZ, Nanjing, Chengdu, Dalian, Beijing, Lanzhou, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MDJ, GTA, PSI, LSA, HIA, SONM, ASAJ, GUN, YSS, PKI, KKN, DMN, TLY, WMQ, FITZ, PMG, MKAR, WRA, WBY, AAK, NVS, AS31, ASAR, CTA, CTAK, HNR, BVAR, BRVK, CHKZ, CHZK, etc.

UMR	Umm Al-Rimman	75.78 300	eP	P	05 26 27.4	-0.3
UMR	comp=Z,32nm,0.5s,mb5.2			AMB	05 26 28.3	
MIB	Mutribah	75.78 300	eP	P	05 26 27.6	-0.2
MIB	comp=Z,55nm,0.5s			AMB	05 26 28.4	
KBD	Kabd	76.09 300	eP	P	05 26 29.3	-0.1
KBD	comp=Z,104nm,0.4s			AMB	05 26 30.1	
VTS	Vitosha	76.12 324	iP	P	05 26 29.2	-0.5
HAU	Haudompre	76.26 338	eP	P	05 26 29.1	-1.3
NAY	Al-Naaim	76.27 300	eP	P	05 26 30.0	-0.5
NAY	comp=Z,15nm,0.6s,mb4.8			AMB	05 26 32.0	
QRN	Al-Qurain	76.31 299	eP	P	05 26 30.5	-0.2
QRN	comp=Z,27nm,0.4s,mb5.2			AMB	05 26 30.9	
RDF	Al-Radifah	76.36 300	eP	P	05 26 30.9	-0.1
RDF	comp=Z,45nm,0.5s			AMB	05 26 31.8	
FLN	La Foliniere	76.99 342	eP	P	05 26 33.3	-1.1
FLN	comp=Z,4.8nm,0.4s,mb4.2			pmax	05 26 33.3	-1.1
FLN	La Foliniere	76.99 342	eP	P	05 26 33.3	-1.1
FLN	comp=Z,2.0nm,0.4s,mb4.1			pmax	05 26 33.3	-1.1
FLN	La Foliniere	76.99 342	eP	P	05 26 33.3	-1.1
FLN	comp=Z,2.4nm,0.4s,mb4.2			P	05 26 33.7	-1.3
LDF	La Druitiere	77.08 342	eP	P	05 26 33.7	-1.3
LDF	comp=Z,5.2nm,0.5s,mb4.2			pmax	05 26 33.7	-1.3
LDF	La Druitiere	77.08 342	eP	P	05 26 33.7	-1.3
LDF	comp=Z,3.0nm,0.5s,mb4.2			P	05 26 33.7	-1.3
LDF	La Druitiere	77.08 342	eP	P	05 26 33.7	-1.3
LDF	comp=Z,2.8nm,0.5s,mb4.1			P	05 26 36.0	+0.2
ASAR	Alice Springs	77.24 198	P	P	05 26 36.0	+0.2
ASAR	comp=Z,2.0nm,0.5s,mb4.0,baz=11,s1low=5.3,SNR=31			P	05 26 36.0	+0.2
ASAR	Alice Springs	77.24 198	P	P	05 26 36.0	+0.2
ASAR	comp=Z,2.0nm,0.5s			pmax	05 26 36.0	+0.2
GRR	Gorron	77.42 342	eP	P	05 26 35.9	-0.9
GRR	comp=Z,7.6nm,0.4s,mb4.4			P	05 26 35.9	-0.9
GRR	Gorron	77.42 342	eP	P	05 26 35.9	-0.9
GRR	comp=Z,4.0nm,0.4s,mb4.4			pmax	05 26 35.9	-0.9
GRR	Gorron	77.42 342	eP	P	05 26 35.9	-0.9
GRR	comp=Z,3.8nm,0.4s,mb4.4			P	05 26 35.9	-0.9
LOR	Lormes	77.52 339	eP	P	05 26 36.4	-1.0
LOR	comp=Z,1.0nm,0.7s,mb4.3			P	05 26 36.4	-1.0
LOR	Lormes	77.52 339	eP	P	05 26 36.4	-1.0
LOR	comp=Z,5.0nm,0.7s,mb4.2			pmax	05 26 36.4	-1.0
LOR	Lormes	77.52 339	eP	P	05 26 36.4	-1.0
LOR	comp=Z,5.2nm,0.7s,mb4.3			P	05 26 37.2	-0.8
CABF	La Chapelle	77.63 337	eP	P	05 26 37.2	-0.8
SSF	Saint Saulge	77.80 339	eP	P	05 26 37.8	-1.1
SSF	comp=Z,5.2nm,0.7s,mb4.0			P	05 26 37.8	-1.1
SSF	Saint Saulge	77.80 339	eP	P	05 26 37.8	-1.1
SSF	comp=Z,3.0nm,0.7s,mb4.0			pmax	05 26 37.8	-1.1
SSF	Saint Saulge	77.80 339	eP	P	05 26 37.8	-1.1
SSF	comp=Z,2.6nm,0.7s,mb4.0			P	05 26 37.8	-1.1
SGMF	Saint Gilles	77.85 343	eP	P	05 26 38.4	-0.8
SGMF	comp=Z,2.9nm,0.9s,mb4.6			P	05 26 38.4	-0.8
SGMF	Saint Gilles	77.85 343	eP	P	05 26 38.4	-0.8
SGMF	comp=Z,1.5nm,0.9s,mb4.6			pmax	05 26 38.4	-0.8
SGMF	Saint Gilles	77.85 343	eP	P	05 26 38.4	-0.8
SGMF	comp=Z,1.4nm,0.9s,mb4.6			P	05 26 38.6	-0.8
ROSF	Rostréren	77.90 344	eP	P	05 26 38.6	-0.8
ROSF	comp=Z,1.1nm,0.6s,mb4.4			P	05 26 38.6	-0.8
ROSF	Rostréren	77.90 344	eP	P	05 26 38.6	-0.8
ROSF	comp=Z,5.0nm,0.6s,mb4.3			pmax	05 26 38.6	-0.8
ROSF	Rostréren	77.90 344	eP	P	05 26 38.6	-0.8
ROSF	comp=Z,5.4nm,0.6s,mb4.3			P	05 26 39.6	-0.9
AVF	Avril sur Loir	78.08 339	eP	P	05 26 39.6	-0.9
AVF	comp=Z,1.5nm,0.8s,mb4.4			P	05 26 39.6	-0.9
AVF	Avril sur Loir	78.08 339	eP	P	05 26 39.6	-0.9
AVF	comp=Z,8.0nm,0.8s,mb4.4			pmax	05 26 39.6	-0.9
AVF	Avril sur Loir	78.08 339	eP	P	05 26 39.6	-0.9
AVF	comp=Z,7.5nm,0.8s,mb4.4			P	05 26 39.6	-0.9
SMF	Signal de Mont	78.11 339	eP	P	05 26 39.7	-0.9
SMF	comp=Z,7.6nm,0.7s,mb4.1			P	05 26 39.7	-0.9
SMF	Signal de Mont	78.11 339	eP	P	05 26 39.7	-0.9
SMF	comp=Z,4.0nm,0.7s,mb4.2			pmax	05 26 39.7	-0.9
SMF	Signal de Mont	78.11 339	eP	P	05 26 39.7	-0.9
SMF	comp=Z,3.8nm,0.7s,mb4.1			P	05 26 40.5	-1.0
QUIF	Quistinic	78.28 344	eP	P	05 26 40.5	-1.0
QUIF	comp=Z,7.0nm,0.5s,mb4.2			P	05 26 40.5	-1.0
QUIF	Quistinic	78.28 344	eP	P	05 26 40.5	-1.0
QUIF	comp=Z,4.0nm,0.5s,mb4.3			pmax	05 26 40.5	-1.0
QUIF	Quistinic	78.28 344	eP	P	05 26 40.5	-1.0
QUIF	comp=Z,3.5nm,0.5s,mb4.2			P	05 26 42.4	+0.2
BGF	Bois d'Agland	78.42 339	eP	P	05 26 42.4	+0.2
LPL	La Plagne	78.50 336	eP	P	05 26 42.8	+0.1
LPL	comp=Z,1.6nm,0.6s,mb4.5			P	05 26 42.8	+0.1
LPL	La Plagne	78.50 336	eP	P	05 26 42.8	+0.1
LPL	comp=Z,8.0nm,0.6s,mb4.5			pmax	05 26 42.8	+0.1
LPL	La Plagne	78.50 336	eP	P	05 26 42.8	+0.1
LPL	comp=Z,7.9nm,0.6s,mb4.5			P	05 26 43.0	+0.2
LPG	La Plagne	78.51 336	eP	P	05 26 43.0	+0.2
LPG	comp=Z,1.6nm,0.6s,mb4.5			P	05 26 43.0	+0.2
LPG	La Plagne	78.51 336	eP	P	05 26 43.0	+0.2
LPG	comp=Z,8.0nm,0.6s,mb4.5			pmax	05 26 43.0	+0.2
LPG	La Plagne	78.51 336	eP	P	05 26 43.0	+0.2
LPG	comp=Z,8.0nm,0.6s,mb4.5			P	05 26 43.0	+0.2
TCF	Touix Ste Croi	78.81 340	eP	P	05 26 43.6	-0.8
TCF	comp=Z,5nm,0.9s,mb4.3			P	05 26 43.6	-0.8
TCF	Touix Ste Croi	78.81 340	eP	P	05 26 43.6	-0.8
TCF	comp=Z,7.0nm,0.9s,mb4.3			pmax	05 26 43.6	-0.8
TCF	Touix Ste Croi	78.81 340	eP	P	05 26 43.6	-0.8
TCF	comp=Z,7.3nm,0.9s,mb4.3			P	05 26 44.7	-0.6
MFF	Saint Martin d	78.99 341	eP	P	05 26 44.7	-0.6
MFF	comp=Z,1.0nm,0.8s,mb4.2			P	05 26 44.7	-0.6
MFF	Saint Martin d	78.99 341	eP	P	05 26 44.7	-0.6
MFF	comp=Z,5.0nm,0.8s,mb4.2			pmax	05 26 44.7	-0.6
MFF	Saint Martin d	78.99 341	eP	P	05 26 44.7	-0.6
MFF	comp=Z,5.2nm,0.8s,mb4.2			P	05 26 46.5	-0.1
MBDF	Montbardon	79.23 336	eP	P	05 26 46.5	-0.1
MBDF	comp=Z,7.9nm,0.6s,mb4.2			P	05 26 46.5	-0.1
MBDF	Montbardon	79.23 336	eP	P	05 26 46.5	-0.1
MBDF	comp=Z,4.0nm,0.6s,mb4.2			pmax	05 26 46.5	-0.1
MBDF	Montbardon	79.23 336	eP	P	05 26 46.5	-0.1
MBDF	comp=Z,3.7nm,0.6s,mb4.2			P	05 26 46.5	-0.1
ORIF	Oris-en-Rattie	79.27 337	eP	P	05 26 46.7	-0.1
ORIF	comp=Z,8.2nm,0.5s,mb4.5			P	05 26 46.7	-0.1
ORIF	Oris-en-Rattie	79.27 337	eP	P	05 26 46.7	-0.1
ORIF	comp=Z,4.0nm,0.5s,mb4.3			pmax	05 26 46.7	-0.1
ORIF	Oris-en-Rattie	79.27 337	eP	P	05 26 46.7	-0.1
ORIF	comp=Z,4.1nm,0.5s,mb4.3			P	05 26 48.2	-0.5
VIVF	Saint-Julien-1	79.61 338	eP	P	05 26 48.2	-0.5
VIVF	comp=Z,1.2nm,0.9s,mb4.2			P	05 26 48.2	-0.5
VIVF	Saint-Julien-1	79.61 338	eP	P	05 26 48.2	-0.5
VIVF	comp=Z,6.0nm,0.9s,mb4.2			pmax	05 26 48.2	-0.5
VIVF	Saint-Julien-1	79.61 338	eP	P	05 26 48.2	-0.5
VIVF	comp=Z,6.3nm,0.9s,mb4.2			P	05 26 48.9	-1.1
SBF	Sospel	79.87 335	eP	P	05 26 48.9	-1.1
SBF	comp=Z,3.1nm,0.8s,mb4.7			P	05 26 48.9	-1.1
SBF	Sospel	79.87 335	eP	P	05 26 48.9	-1.1
SBF	comp=Z,1.6nm,0.8s,mb4.7			pmax	05 26 48.9	-1.1
SBF	Sospel	79.87 335	eP	P	05 26 48.9	-1.1
SBF	comp=Z,1.6nm,0.8s,mb4.7			P	05 26 49.8	-0.3
RJF	Les Rejaudoux	80.14 339	eP	P	05 26 49.8	-0.3
CAF	Calviac	80.14 339	eP	P	05 26 51.3	-0.1
CAF	comp=Z,5.0nm,0.6s,mb4.0			P	05 26 51.3	-0.1
CAF	Calviac	80.14 339	eP	P	05 26 51.3	-0.1
CAF	comp=Z,3.0nm,0.6s,mb4.1			pmax	05 26 51.3	-0.1
CAF	Calviac	80.14 339	eP	P	05 26 51.3	-0.1
CAF	comp=Z,2.5nm,0.6s,mb4.0			P	05 26 51.3	-0.1
FRF	La Foret Royal	80.35 336	eP	P	05 26 52.1	-0.4
LF	La Frestale	80.41 340	eP	P	05 26 52.4	-0.4
LF	comp=Z,9.9nm,0.5s,mb4.2			P	05 26 52.4	-0.4
LF	La Frestale	80.41 340	eP	P	05 26 52.4	-0.4
LF	comp=Z,5.0nm,0.5s,mb4.4			pmax	05 26 52.4	-0.4

LFF	La Frestale	80.41 340	eP	P	05 26 52.4	-0.4
LFF	comp=Z,4.9nm,0.5s,mb4.4			P	05 26 52.4	-0.4
LMR	La Moure	80.60 336	eP	P	05 26 53.0	-0.8
PGF	Pioggiola	80.68 334	eP	P	05 26 53.2	-1.1
PGF	comp=Z,1.7nm,0.9s,mb4.5			P	05 26 53.2	-1.1
PGF	Pioggiola	80.68 334	eP	P	05 26 53.2	-1.1
PGF	comp=Z,9.0nm,0.9s,mb4.5			pmax	05 26 53.2	-1.1
PGF	Pioggiola	80.68 334	eP	P	05 26 53.2	-1.1
MTLF	Montlieu	81.61 339	eP	P	05 26 58.8	-0.3
EPF	Esparros	82.32 340	eP	P	05 27 01.6	-1.1
EPF	comp=Z,7.7nm,0.6s,mb4.3			P	05 27 01.6	-1.1
EPF	Esparros	82.32 340	eP	P	05 27 01.6	-1.1
EPF	comp=Z,4.0nm,0.6s,mb4.3			pmax	05 27 01.6	-1.1
EPF	Esparros	82.32 340	eP	P	05 27 01.6	-1.1
EPF	comp=Z,3.8nm,0.6s,mb4.3			P	05 27 04.1	-0.2
ETSF	Etsaut	82.63 341	eP	P	05 27 04.1	-0.2
ETSF	comp=Z,8.5nm,0.8s,mb4.2			pmax	05 27 04.1	-0.2
ETSF	Etsaut	82.63 341	eP	P	05 27 04.1	-0.2
ETSF	comp=Z,4.0nm,0.8s,mb4.2			pmax	05 27 04.1	-0.2
ETSF	Etsaut	82.63 341	eP	P	05 27 04.1	-0.2
ETSF	comp=Z,4.3nm,0.8s,mb4.2			P	05 27 25.6	+0.2
KEST	Keira	86.91 331	P	P	05 27 25.6	+0.2
KEST	comp=Z,1.4nm,0.5s,mb3.9,baz=287,s1ow=2.8,SNR=11			P	05 27 25.6	+0.2
TORD	Tordi Ar Bea	110.41 330	PKPKP	PKIKP	05 33 08.4	-1.4
TORD	comp=Z,1.1nm,0.3s,baz=8.8,s1ow=2.8,SNR=4.5			P	05 33 08.4	-1.4
SYO	Syowa Base	145.28 216	ePKPb	PKPb	05 34 13.0	-2.2
SYO	Syowa Base	145.28 216	ePKPb	PKPb	05 34 15.0	-0.9
CPUP	Villa Florida	145.66 53	PKPb	PKPb	05 34 16.5	-0.5
CPUP	comp=Z,0.8nm,0.5s,baz=31.1,s1ow=3.6,SNR=4.6			P	05 34 16.5	-0.6
CPUP	Villa Florida	145.66 53	PKP2	PKPb	05 34 16.5	-0.6
CPUP	comp=Z,1.0nm,0.5s			pmax	05 34 16.5	-0.6

NIED 13 05:20:00, 4630N, 15380E, h8km, Mw4.9 Best double couple: M2 2300x1018, NP1=12,00000; 853,00000; 174,00000; NP2=217,00000; 840,00000; 1109,00000. IDC 13 05:20:56.9,0.4, 4644N, 15318E, h0km, mb4.8/2.0, M1 5.0/21, mb1mx4.9/24, mbmp4.8/21, ML4.1/1, MS4.4/17, Ms1 4.4/17, ms1mx4.0/41, Error ellipse: s-maj=15.1km s-min=13.8km az=103.0</

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JOFS Joensuu, JOF Joensuu, FINES FINESS Array B, etc.

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

ISCJB 13 07:47:27.0, 1.8, 1.81S:0.4x117E:0.5, h10km, mb4.0/5, MS4.2/1, Error ellipse: s-maj=96.7km s-min=11.7km az=108.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. 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. 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. Includes stations like AFI Afialu, AFI Afialu, ARZ Urewera, URZ Urewera, etc.

BUI 13 08:09:59.8, 2.509N, 125.78E, h123km, mb4.7, mb4.3 NIED 13 08:10:00.2600N, 125.20E, h122km, Mw4.2 Best double couple: M2.28000, 1015 NP1.0e197.00000, 888.00000, lambda-11.00000, NP2.0e287.00000, 879.00000, lambda-178.00000

ISC 13 08:10:07.2, 2.594N, 125.26E, h105km, mb3.7/1, mb1 3.9/13, mb1mx3.7/25, mbtmp4.1/13, Error ellipse: s-maj=24.3km s-min=14.8km az=64.0

JMA 13 08:10:09.1, 0.1, 2.596N, 125.16E, h107km, M4.3 NEIC 13 08:10:09.5, 0.6, 2.596N, 125.23E, h106.4/2, Error ellipse: s-maj=13.0km s-min=8.7km az=153.0

ISC 13 08:10:08.9, 0.3, 2.587N, 100.6x125.26E:0.05, h119km, 5km, n42, c0886/57, mb4.0/13, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JMJ Miyako jima 2, JOGS Gusukube, JOGS Tarama, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JOW Kunigami, TATO Taipei, YHNB Yeheng, etc.

ISCJB 13 07:47:27.0, 1.8, 1.81S:0.4x117E:0.5, h10km, mb4.0/5, MS4.2/1, Error ellipse: s-maj=96.7km s-min=11.7km az=108.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, BVAR Borovoye Array, ZRNK Zerenka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, BVAR Borovoye Array, ZRNK Zerenka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PACH Tololo Astrono, TLL Tololo Astrono, TLL Tololo Astrono, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JMA 13 08:25:26.3, 3422N, 135.99E, h53km, 1km, M0.8, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, WRA Warramunga Arr, ASAR Alice Springs, etc.

ISC 13 08:29:08.8, 3.0, 2.986S, 177.03W, h0km, mb3.6/2, mb1 3.9/2, mb1mx3.6/12, mbtmp3.6/2, Error ellipse: s-maj=73.3km s-min=30.6km az=50.0, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RAO Raoul Island, RAO Raoul Island, ARZ Urewera, etc.

GUC 13 08:32:11.5, 0.5, 3147S, 71.69W, h21km, 2km, MD3.8, ML3.7, 7C-3D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHNG Los Chungos, CHNG Combarbala, OVCH Ovalle, etc.

ISCJB 13 07:47:27.0, 1.8, 1.81S:0.4x117E:0.5, h10km, mb4.0/5, MS4.2/1, Error ellipse: s-maj=96.7km s-min=11.7km az=108.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PACH Papudo, PACH Tololo Astrono, JACH Jahuel, etc.

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

ISC 13 08:36:37.2, 0.4, 2.36N, 126.75E, h0km, mb4.9/19, mb1 4.9/19, mb1mx4.9/22, mbtmp4.9/19, MS3.9/1, Ms1 3.9/11, ms1mx3.6/24, Error ellipse: s-maj=25.6km s-min=9.0km az=73.0 MOS 13 08:36:40.5, 1.1, 2.42N, 126.72E, h33km, mb5.2/32, Error

ellipse: s-maj=13.9km s-min=6.3km az=110.2
ISCJB 13 08:36:45.3,0.2,236N,003:12672E,0.05,h78km,
mb4.9/77,Error ellipse: s-maj=7.3km s-min=3.6km
az=133.8
BUJ 13 08:36:45.3,2.18N,12668E,h94km,mb5.0,mb4.8
NEIC 13 08:36:47.5,0.2,235N,12675E,mb4.9/37,Error ellipse:
s-maj=7.6km s-min=4.2km az=71.0
ISC 13 08:36:47.3,0.2,236N,003:12673E,0.05,h80km,
h8km,3.1km;p:P,n188,ct112/182,Pb4.9/77,7C-5D,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DAV Davao City (W), SWI Sorong, BUKP Musuan, AAI Ambon, etc.

Table with columns: KMI, pmax, pmax. Includes stations like KMI comp=Z,9.0nm,0.5s,mb4.8, KMI comp=Z,200nm,19.7s, Kunming, etc.

Table with columns: TOO, pmax, pmax. Includes stations like ASAJ Asahikawa, GTA Gaotai, DZM Mont Dzumac, etc.

Table with columns: Station, Name, Frequency, Mode, Power, and other technical details. Includes stations like Sarvestan, Kerman, Ashiyah, Mehriz, Zahedan, etc.

Table with columns: Station, Name, Frequency, Mode, Power, and other technical details. Includes stations like Eldivan, Ankara, Akbulak array, etc.

Table with columns: Station, Name, Frequency, Mode, Power, and other technical details. Includes stations like GTA, Chiang Mai, Lanzhou, etc.

13d 10h

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like LKWF, LWKY, N11A, O10A, etc.

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Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like WDC, TOAO, TORO, TORI, etc.

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Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like PESTR, EMIN, ESPR, B06A, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Mys Kozlova, Zelenaya, Krestovskiy, etc.

IDC 13 13:06:08.51.3, 1808N, 12104E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.5/19, mbtmp3.7/4, Error ellipse: s-maj=54.8km s-min=22.4km az=79.0, Luzon

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like RBDL, RTR, San Jose, etc.

ATH 13 13:35:51.7, 3873N, 2622E, h32km, 4km, MD3.2/4 CSEM 13 13:35:51.6, 0.1, 3883N, 2620E, h20km, MD3.2, Error ellipse: s-maj=62km s-min=1.9km az=65.0

ISCJB 13 13:35:52.3, 0.5, 3882N, 003.2666E, 0.06, h24km, 5km, Error ellipse: s-maj=8.2km s-min=3.4km az=141.5

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like URLA, AYVA, PRK, etc.

GUC 13 13:45:50.4, 0.6, 3149S, 7166W, h19km, 18km, MD3.6, ML3.8, SC-1D, Near coast of central Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like CHNG, CMCH, OVCH, etc.

MAN 13 13:46:16.9, 1688N, 12034E, h1km, mb2.5, ML4.0, MS1.2, IC, Luzon

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like BCPH, BOLPA, SCZP, etc.

ISCJB 13 13:47:34.6, 1.4, 533S, 009.1471E, 0.1, h192km, 12km, mb4.2/5, Error ellipse: s-maj=19.9km s-min=12.2km az=73.1

NEIC 13 13:47:36.4, 1.7, 532S, 14709E, h206km, 17km, mb4.5/3, 2.1nm, 0.3s, bazz=268, slow=13, SNR=2.3

IDC 13 13:47:38.2, 1.6, 556S, 14707E, h211km, 14km, mb3.9/4, mb1 4.0/8, mb1mx3.8/16, mbtmp4.5/8, Error ellipse: s-maj=23.9km s-min=12.7km az=115.0

ISC 13 13:47:38.7, 1.3, 558S, 010.1471E, 0.1, h214km, 10km, n18, 0.572/22, mb4.2/5, 1D, Eastern New Guinea region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PMG, HNR, CTA, etc.

NIED 13 13:47:00, 4630N, 15360E, h11km, Mw5.8 Best double couple: Ms=0.20000, 1017, NP1.3=220.00000, 873.00000, 1.27, 0.00000, NP2.3=339.00000, 840.00000, 2.26, 0.00000

JMA 13 13:47:37.8, 0.7, 4632N, 15364E, h30km, M6.3 IDC 13 13:47:38.1, 0.4, 4619N, 15325E, h0km, mb4.8/3, mb1 4.9/37, mb1mx4.9/38, mbtmp4.8/37, ML4.2/2, MS5.9/30, Ms1 5.9/30, ms1mx5.7/40, Error ellipse: s-maj=12.4km s-min=11.0km az=104.0

SKHL 13 13:47:38.6, 1.3, 4610N, 15377E, h50km, 41km, mb6.7/8, mbh6.7/9, Ms6.3/7, msb6.2/8

BUI 13 13:47:38.1, 4.6333N, 153.14E, h7km, mb6.2, mb5.3, Ms6.3, Ms2.6

NEIC 13 13:47:39.2, 0.2, 4624N, 15328E, h4km, mb5.5/107, ME5.8, MS5.8/136, MW5.9, MW6.3(MOS), Error ellipse: s-maj=5.1km s-min=3.3km az=170.0, Moment Tensor Solution, s21 Moment tensor: Scale 1017Nm, Mr8.34; Mw=3.24; Mw=5.10; Ma2.02; Mw=5.56; Ma2.78; Best double couple: Ms9.70000, 1017, NP1.3=38.00000, 855.00000, 1.88, 0.00000, NP2.3=222.00000, 835.00000, 1.93, 0.00000, Principal axes: T 9.0000, Plg78.0000, Azm30.0000; N 1.5000, Plg2.0000, Azm40.0000; P -10.4000, Plg10.0000, Azm130.0000, Broadband fault plane solution: P waves, NP1.3=220.00000, 85.00000, 1.90, 0.00000, NP2.3=40.00000, 885.00000, 1.90, 0.00000, Principal axes: T Plg50.0000, Plg410.0000; N Plg0.0000, Azm0.0000; P Azm0.0000, Azm130.0000; Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.

GCMT 13 13:47:39.9, 0.1, 4614N, 15373E, h12km, MW5.8/111, Moment Tensor Solution, s97, c201; s111, c357; Duration: 280 Moment tensor: Scale 1017Nm; Ms5.52, 0.4; Mw=2.93, 0.0; Mw=3.13, 0.3; Mw=2.18, 1.1; Mw=3.05, 0.3; Mw=3.73, 1.1; Best double couple: Ms7.13600, 1017, NP1.3=229.00000, 827.00000, 1.103, 0.00000, NP2.3=35.00000, 864.00000, 1.84, 0.00000, Principal axes: T 7.0230, Plg71.0000, Azm291.0000; N 0.2270, Plg6.0000, Azm37.0000; P -7.2490, Plg18.0000, Azm129.0000; nst1 refers to body waves, cutoff=40s, nst2 refers to surface/mantle waves, cutoff=50s.

SZGRF 13 13:47:40.0, 45.28N, 151.92E, h33km, mb5.5, MS6.2, Kuril Islands, Russia

BGS 13 13:47:41.9, 46.68N, 154.86E, h10km, mb5.3, MOS 13 13:47:42.5, 1.2, 4623N, 15318E, h37km, mb5.6/101, MS6.1/54, Error ellipse: s-maj=6.8km s-min=3.6km az=110.3 Broadband fault plane solution: P waves, Ms4.1000, 1018, NP1.3=38.00000, 884.00000, 1.81, 0.00000, NP2.3=274.00000, 811.00000, 1.46, 0.00000, Principal axes: T Plg50.0000, Azm297.0000; N Plg9.0000, Azm39.0000; P Plg38.0000, Azm136.0000;

ISC 13 13:47:39.2, 0.4, 4629N, 002.15323E, 0.02, h3km, 2km, h13km, 2.2km, comp-P-P, n1271, 1, 1900/1383, mb5.3/217, MS5.9/213, 361C-212D, Kuril Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KUR, SKR, etc.

Table with columns for flight codes (YUK, JEM, etc.), destinations (Kuri, Nemuro, etc.), times, and status. Includes sub-sections like '13d 13h' and '13d 13h'.

Table with columns for flight codes (OKH, JSH, etc.), destinations (Shimam, Yakumo, etc.), times, and status. Includes sub-sections like '2006 OCT' and '2006 OCT'.

Table with columns for flight codes (CN2, CLNS, etc.), destinations (Chul'man, Nerung, etc.), times, and status. Includes sub-sections like '2006 OCT' and '2006 OCT'.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Erkin-Say, Green Mountain, Bryant, B05A, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Mount Hood Mea, Detroit Lake, H04A, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Chiquin, Callahan, M02C, etc.

Table with columns for station call letters, frequency, time, and signal strength. Includes stations like KVTX, NKY, SOH, LOS, BRY, OUR, FLN, etc.

Table with columns for station call letters, frequency, time, and signal strength. Includes stations like DAT, VLC, CRE, BADI, SNTG, ABTO, etc.

Table with columns for station call letters, frequency, time, and signal strength. Includes stations like MTE, MTE, ESCD, ESLS, KEST, etc.

Table with columns: VNA1, VNA1, VNA1, EFI, EFI, East Falkland, 158.87 116, PFAKE, LR, 14 07 52.2, 14 07 56.6, 14 08 04.8, 14 07 50.0 +12

IDC 13:51:04.9:22.0,4561N:15419E,h0km,mb4.2/4, mb1 4.3/4,mb1mx3.9/20,mbtmp4.2/4, Error ellipse: s-maj=504.4km s-min=72.3km az=160.0,East of Kuril Islands

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

BUIJ 13:51:29.9,4647N:15364E,h19km,mb5.9,mb5.0,Msb2,Msz5.9
IDC 13:51:29.8:0.6,4622N:15331E,h0km,mb4.6/24, mb1 4.7/25,mb1mx4.6/32,mbtmp4.6/25, Error ellipse: s-maj=18.1km s-min=17.2km az=131.0

NEIC 13:51:31.5:0.3,4622N:15341E,h10km,mb5.1/33, Error ellipse: s-maj=9.1km s-min=5.2km az=167.0
SKHL 13:51:32.9:2.7,4610N:15360E,h70km,36km,mb5.3/2
ISCJB 13:51:33.2:0.3,4611N:05:15372E,0.05,h33km,mb5.0/77,Msb6.1/3, Error ellipse: s-maj=8.8km s-min=3.2km az=118.1

MOS 13:51:35.5:1.2,4630N:15311E,h43km,mb5.2/48, Error ellipse: s-maj=9.9km s-min=5.0km az=102.1
SZGRF 13:51:37.3,4682N:15495E,h33km,mb5.0,East of Kuril Islands, Russia

ISC 13:51:35.4:0.3,4623N:005:1523E,005,h35km,m281, r=120/281,mb5.0/77,Msb6.1/3,11C-ID,Kuril Islands

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

ASAJ Asahikawa 7.80 258 Pn Pn 13 53 28.4 +2.0

ASAJ Asahikawa 7.80 258 Pn Pn 13 53 28.4 +2.0

JCH Churui 7.93 246 P Pn 13 53 27.5 -0.7

JEM Erimo 8.38 243 eS Sn 13 55 02.6 -5.0

JNBK Urakawa-nobuka 8.49 246 eS Sn 13 55 04.8 -5.6

JNB Noboribetsu 9.51 251 P Pn 13 53 50.2 +0.4

JNB Kayabe 9.79 248 eS Sn 13 55 32.2 -1.3

JY2M Yakumo 2 10.11 251 P Pn 13 53 58.0 0.0

JTM Nango 10.34 240 eS Sn 13 55 46.0 -1.0

JTH Tenohata 10.37 243 eS Sn 13 55 48.7 -7.8

JOSM Okushiri-Mats 10.71 252 P Pn 13 54 05.7 -0.6

OFJU Ofunato 11.10 234 eS Sn 13 56 03.4 -1.1

JRG Rokugo 11.49 238 eS Sn 13 56 15.8 -8.1

JJO Ouri 11.72 233 eS Sn 13 56 16.2 -1.3

MA2 Magadan 13.45 355 Pn Pn 13 54 43.9 +0.2

MAJ0 Matsushiro 14.83 235 Pn Pn 13 54 57.4 -5.2

MJAR Matsushiro Arr 14.83 235 Pn Pn 13 55 01.3 -1.3

MDJ Mudanjiang 16.66 273 P Pn 13 55 27.1 +1.0

MDJ Mudanjiang 16.66 273 eP Pn 13 55 25.7 -0.4

MDJ Seymchan 16.75 359 eP Pn 13 55 27.2 0.0

NRGR Nerungri 20.45 311 eP P 13 56 07.0 -2.8

YAK Yakutsk 20.80 328 eP Pn 13 56 12.2 -1.4

YAK Yakutsk 20.80 328 eP Pn 13 56 11.5 -2.1

YAK Incheon 21.57 256 eP P 13 56 21.9 0.0

LZH Lanzhou 37.99 273 eP P 13 58 51.5 +1.6

LZH Lanzhou 37.99 273 eP P 13 58 51.5 +1.6

GTA Gaotai 39.13 280 P P 13 59 01.0 +0.9

EGAK Eagle 39.36 38 eP P 13 58 59.6 -1.8

CD2 Chengdu 40.92 266 eP P 13 59 17.1 +2.8

GYA Guiyang 41.68 258 P P 13 59 21.4 +0.8

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GYA Guiyang 41.68 258 P P 13 59 21.4 +0.8

AKASG Malin Array Be 72.03 326 P P 14 02 55.1 -0.5

AKASG Malin Array Be 72.03 326 P P 14 02 55.2 -0.5

AKBB Malin Array Si 72.03 326 eP P 14 02 55.1 -0.6

ANMO Albuquerque 72.04 58 eP P 14 02 57.7 +1.9

GNI Garni 72.93 310 P P 14 03 02.7 +1.6

GNI Garni 72.93 310 eP P 14 03 00.6 -0.5

ANN Anapa 73.12 318 eP P 14 03 02.6 +0.4

MNTX Cornudas Mountain 74.96 60 eP P 14 03 11.9 -1.0

KWP Kalwarra 75.31 329 eP P 14 03 15.8 +0.8

OJC Ojcow 75.32 329 eP P 14 03 18.2 +0.3

STHS Stebnicka Tuz 76.01 330 eP P 14 03 19.5 +0.6

STHS Stebnicka Tuz 76.01 330 eP P 14 03 19.5 +0.6

NIE Niedzica 76.33 331 eP P 14 03 21.9 +1.1

OKC Ostrava-Krasne 76.69 332 eP P 14 03 23.1 +0.3

UPC Upice 76.78 334 eP P 14 03 23.8 +0.4

UPC Dobruska-Polom 76.83 333 eP P 14 03 26.5 +2.0

DPC Dobrek 76.87 346 eP P 14 03 26.8 +2.1

EKA Eskdalemuir Arr 76.87 346 P P 14 03 22.8 -1.1

EKA Eskdalemuir Arr 76.87 346 P P 14 03 22.8 -1.1

MORC Moravsky Berou 76.94 332 eP P 14 03 22.4 +1.8

MORC Moravsky Berou 76.94 332 eP P 14 03 23.9 -0.5

COLL Colim 76.97 336 P P 14 03 23.9 -0.5

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COLL Colim 76.97 336 P P 14 03 23.9 -0.5

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include OVAL, JACH, ROCH, TLL, PEL, CLCH, TACH, ANTU, SFDO.

ISCJB 13 15:55:19.3-0.4, 5143N, 002+16.1E, 002, h0km, Error ellipse: s-maj=3.4km s-min=2.0km az=39.9

IPEC 13 15:55:20.1-0.3, 5155N, 022E, h0km, ML2.8/4, Error ellipse: s-maj=2.0km s-min=1.3km az=24.0

NEIC 13 15:55:20.1-0.4, 5153N, 1616E, h5km, ML3.1 (SZGRF), Error ellipse: s-maj=5.1km s-min=3.4km az=78.0

BGR 13 15:55:20.3-0.5, 5150N, 1616E, h1km, ML3.1/1.0, Error ellipse: s-maj=5.6km s-min=3.3km az=18.0

CSEM 13 15:55:21.2-0.1, 5149N, 1612E, h1km, ML3.5/9, Error ellipse: s-maj=2.6km s-min=1.4km az=21.0

IDC 13 15:55:21.1-0.7, 5146N, 1595E, h0km, mb1 3/4, mb1mx3.3/24, mbmp3.3/8, ML3.1/8, Error ellipse: s-maj=12.8km s-min=6.7km az=105.0

WAR 13 15:55:22.5147N, 1617E, ML3.0, Mining Induced PRU 13 15:55:22.6, 5142N, 1603E, h0km

VIE 13 15:55:22.6-0.4, 5131N, 1620E, h0km, mb2.7/4, ML3.1/4, Error ellipse: s-maj=2.5km s-min=2.4km az=171.0 61 km WNW of Breslau Suspected Mining Induced.

ISC 13 15:55:19.6-0.3, 5152N, 002+16.1E, 003, h0km, m69, #1508/117, 3C-1D, Poland

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include KSP, UJC, DPC, PRU, DPC, PANSKA VES.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include BRG, RUE, MORC, PRU, FBE, MORC.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include MORC, MORC, MORC, MORC, MORC.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include CLL, COLL, COLL, COLL, COLL.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include COLL, COLL, COLL, COLL, COLL.

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Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include COLL, COLL, COLL, COLL, COLL.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include NIE, VYHNE, CLZ, CLZ, CONA, CONA, GRI, GRI, GRI, GRI, GRI.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include DAVOX, AKASG, HFS, NOA, FINES, FINES, FINES, FINES, FINES.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include ARCA, ARCA, ARCA, ARCA, ARCA, ARCA, ARCA, ARCA, ARCA.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include MOS, MOS, MOS, MOS, MOS, MOS, MOS, MOS, MOS.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include GUC, GUC, GUC, GUC, GUC, GUC, GUC, GUC, GUC.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include NEIC, NEIC, NEIC, NEIC, NEIC, NEIC, NEIC, NEIC, NEIC.

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Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include NEIC, NEIC, NEIC, NEIC, NEIC, NEIC, NEIC, NEIC, NEIC.

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Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include NEIC, NEIC, NEIC, NEIC, NEIC, NEIC, NEIC, NEIC, NEIC.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Port Moresby, Charters Tower, Stephens Creek, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ZRNC, ZRNC Zerenda, RDF Al-Radijah, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like WMOK Wichita Mounta, CPUP Villa Florida, CVM Cathedral Cave, etc.

ESDC Sonseca Array 86.48 310 P P 17 52 39.9 +0.5
TORO Torodi Ar. Bea 87.87 283 P P 17 52 48.3 +2.1

CSEM 13 18:00:49.6:0.1, 4.343N:1101E, h10km, ML2.4/4, Error ellipse: s-maj=1.6km s-min=1.2km az=53.0
ISCJB 13 18:00:50.8:0.3, 4.340N:1095E, h10km, ML2.5/5km, Error ellipse: s-maj=5.3km s-min=4.1km az=145.5

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC
CSNT Castellina Chi 0.22 73 Op P 18 00 55.1 -1.0

GRFL Gerfalco 0.26 184 Pg P 18 00 56.7 0.0
PIL Pisa 0.47 312 Pg Sg 18 01 00.0 -0.2
MAIM 102nm,0.2s 0.63 324 Pg P 18 01 02.9 -0.2

ARCI Arcidosso 0.66 148 Pg Sg 18 01 04.2 +0.5
VMG Vicchio 0.68 35 Pg P 18 01 03.9 -0.2
SEI Scarperia 0.69 22 Pg Sg 18 01 03.8 -0.6

CRE Caprese Michel 0.72 73 Pg P 18 01 04.7 -0.2
PZZT Monte Pizzetto 0.73 352 Pg Sg 18 01 16.0 +1.2
FNVD Fontana Vidola 0.76 7 Pg P 18 01 05.1 -0.6

SACS San Casciano d 0.87 130 Pg P 18 01 07.6 -0.1
VLC Villacollemand 0.87 329 Pg P 18 01 07.4 -0.3
SARO Sassorosso 0.89 331 P Pb 18 01 07.6 +0.1

ZCCA Zocca 0.94 359 Pg P 18 01 09.8 +0.8
VINC Vinca 0.96 320 P Pb 18 01 09.0 +0.4
MAON Monte Argentar 0.98 174 Pg P 18 01 10.3 +0.4

GRAM Scurtibr 1.28 328 P Pn 18 01 14.3 +0.9
SC2M 1.45 314 P Pn 18 01 15.5 +0.6
PGF Pioggioia 1.70 240 ePn Pn 18 01 19.5 +0.2

PGF Pioggioia 1.70 240 ePn Pn 18 01 19.5 +0.2
SBF Sospel 2.63 281 ePn Pn 18 01 31.9 -0.1
FRF La Foret Royal 3.17 274 ePn Pn 18 01 39.3 -0.2

LMR La Moure 3.28 270 ePn Pn 18 01 40.7 -0.3
LPG La Plagne 3.69 306 ePn Pn 18 01 46.9 +0.3
LPG La Plagne 3.69 306 ePn Pn 18 01 50.1 -5.1

LOF Lofoten 0.68 57 ePn P 18 10 57.1 +3.8
LOF Lofoten 1.15 161 ePn P 18 10 59.9 +6.6
LOF Lofoten 1.15 161 ePn P 18 11 16.3 +1.4

LOF Lofoten 0.68 57 ePn P 18 10 57.1 +3.8
STOK1 Konsvik 1.35 161 ePn P 18 11 04.0 -2.1
MOR8 Moi Rana 1.87 148 ePn P 18 11 13.2 -0.2

MOR8 Moi Rana 1.87 148 ePn P 18 11 13.2 -0.2
SALU Saittoiluokta 2.52 96 ePn Pn 18 11 24.2 +1.7
NIKU Nikkaluokta 2.67 85 ePn Pn 18 11 25.7 +1.3

NSS Namsos 3.26 180 ePn Pn 18 11 27.1 -5.4
NSS Namsos 3.26 180 ePn Pn 18 11 27.1 -5.4
DUNU Dundret 3.36 97 ePn Pn 18 11 35.2 +1.2

BURU Burvik 4.96 126 eP Pn 18 11 57.5 +1.5
ARCES ARCESS Array B 5.24 64 Pn Pn 18 11 58.0 -1.8

ARCES ARCESS Array B 5.24 64 Pn Pn 18 11 58.0 -1.8
ARCES ARCESS Array B 5.24 64 Pn Pn 18 11 58.0 -1.8
ARCES ARCESS Array B 5.24 64 Pn Pn 18 11 58.0 -1.8

NOA NORARS Array B 6.77 183 Pn Pn 18 12 14.7 -6.1
NOA NORARS Array B 6.77 183 Pn Pn 18 12 14.7 -6.1
NOA NORARS Array B 6.77 183 Pn Pn 18 12 14.7 -6.1

NOA MASSELKA 6.96 98 ePn Pn 18 12 23.4 -0.6
LIIKASVAARA 7.00 93 ePn Pn 18 12 25.4
KUIJA KU6 7.24 96 ePn Pn 18 12 27.5

NOA MASSELKA 6.96 98 ePn Pn 18 12 23.4 -0.6
LIIKASVAARA 7.00 93 ePn Pn 18 12 25.4
KUIJA KU6 7.24 96 ePn Pn 18 12 27.5

ZAL Zalesovo 43.12 306 Op P 18 36 36.6 -1.3
MKAR Makanchi Array 47.37 298 P P 18 37 11.4 -0.3
BVAR Borovoye Array 51.37 310 P P 18 37 42.6 +0.3

NOA NORARS Array B 68.85 341 P P 18 39 41.3 -1.0
AKASG Malin Array Be 72.14 326 P P 18 40 01.9 -0.4
FITZ Fitzroy Crossi 11.91 198 Op P 19 02 03.3 +1.8

WRA Warramunga Arr 13.98 161 Pn Pn 19 02 28.2 -1.6
WRA Warramunga Arr 13.98 161 Pn Pn 19 02 28.2 -1.6
ASAR Alice Springs 17.39 166 P P 19 03 14.6 +0.2

ASAR Alice Springs 17.39 166 P P 19 03 14.6 +0.2
MKAR Makanchi Array 67.69 327 P P 19 10 09.6 +0.1
MDD 13 19:37:00.3:0.4, 3.826N-832W, h0km, mBL1.4/6, Error ellipse: s-maj=2.2km s-min=1.4km az=72.0, Portugal

MOE Montemor 0.27 355 ePn P 19 37 05.4 -0.1
MOE Montemor 0.27 355 ePn P 19 37 05.4 -0.1
MOE Montemor 0.27 355 ePn P 19 37 05.4 -0.1

MOE Montemor 0.27 355 ePn P 19 37 05.4 -0.1
MOE Montemor 0.27 355 ePn P 19 37 05.4 -0.1
MOE Montemor 0.27 355 ePn P 19 37 05.4 -0.1

EMIN Mina Concepcio 1.39 110 Pg P 19 37 25.7 -1.3
EMIN Mina Concepcio 1.39 110 Pg P 19 37 25.7 -1.3
EMIN Mina Concepcio 1.39 110 Pg P 19 37 25.7 -1.3

PCBR Castelo Branco 1.71 22 eS Pn 19 37 52.9 -1.1
PCBR Castelo Branco 1.71 22 eS Pn 19 37 52.9 -1.1
PCBR Castelo Branco 1.71 22 eS Pn 19 37 52.9 -1.1

BGG Burgzeit 0.16 184f ePn P 19 50 49.6 +0.2
STB Steinbach 0.40 305 ePn P 19 50 51.1 +0.4
STB Steinbach 0.40 305 ePn P 19 50 51.1 +0.4

TNS Taunus Mts 0.72 101 ePn Pg 19 50 56.8 +0.3
TNS Taunus Mts 0.72 101 ePn Pg 19 50 56.8 +0.3

DREG DREIaegerbach 0.78 293 ePn Pg 19 50 58.1 +0.4
DREG DREIaegerbach 0.78 293 ePn Pg 19 50 58.1 +0.4
WLF Waflerdange 1.04 228 ePn Pg 19 51 02.0 -0.7

BUG Bochem-Univer 1.08 357 ePn Pg 19 51 02.6 -0.8
BUG Bochem-Univer 1.08 357 ePn Pg 19 51 02.6 -0.8
GIVF Givet 1.65 262 ePn Pg 19 51 14.2 0.0

BAIF Baives 2.04 263 ePn Pn 19 51 17.1 +0.8
BAIF Baives 2.04 263 ePn Pn 19 51 17.1 +0.8
MEZM Mezieres J'vi 2.40 220 ePn Pg 19 51 47.3 -1.0

HAU Haudompre 2.45 196 eSg Sg 19 52 00.9 -0.5
LOR Lormes 3.87 218 ePn Pn 19 51 42.2 +0.8
LOR Lormes 3.87 218 ePn Pn 19 51 42.2 +0.8

SKHL 13 20:04:06.2:1, 5180N-14258E, h10km, mb4.0/4, Sakhalin Island
TYV Tymovskoe 0.94 177 ePn P 20 04 25.4 +1.3
TYV Tymovskoe 0.94 177 ePn P 20 04 25.4 +1.3

OKH Okha 1.77 7 ePn Pg 20 04 42.8 +2.9
OKH Okha 1.77 7 ePn Pg 20 04 42.8 +2.9
NKL Nikolayevsk 1.78 320 iPb P 20 04 40.0 +1.2

UGL Uglegorsk 2.75 187 ePn Pg 20 05 02.2 +3.6
UGL Uglegorsk 2.75 187 ePn Pg 20 05 02.2 +3.6
YSS Yuzh-Sakhalins 4.85 179 erx rx 20 05 39.1

EKMR Ekimchan 6.03 286 erx P 20 06 05.2 +3.8
EKMR Ekimchan 6.03 286 erx P 20 06 05.2 +3.8
EKMR Ekimchan 6.03 286 erx P 20 06 05.2 +3.8

ASAJ Asahikawa 7.63 253 Pn P 20 14 19.2 -0.3
MKAR Makanchi Array 46.68 297 P P 20 16 22.3 -1.1
FINES FINES Array B 63.86 335 P P 20 16 22.3 -1.1

NB2 NORARS Subaru 68.07 341 P P 20 16 49.1 -1.5
NOA NORARS Array B 68.07 341 P P 20 16 49.1 -1.5
AKASG Malin Array Be 71.34 326 P P 20 17 11.9 +1.2

NEIC 13 20:13:00.2:3.2, 1848S-17774W, h600km, mb4.2/1, Error ellipse: s-maj=33.8km s-min=22.1km az=224.0
ISCJB 13 20:13:02.2:3.6, 188S:04-1780W:04, h600km, mb4.2/1, Error ellipse: s-maj=77.0km s-min=28.9km az=87.0

URZ Urewera 19.85 191 P P 20 16 55.2 -0.5
CTA Charters Tower 33.73 262 P P 20 18 57.0 +0.5
WB2 Warramunga Arr 44.88 260 ePn P 20 20 25.6 -0.1

AS31 Alice Springs 44.96 255 ePn P 20 20 26.6 +0.3
ASAR Alice Springs 44.97 255 P P 20 20 26.7 +0.4
ASAR Alice Springs 44.97 255 P P 20 20 26.7 +0.4

ellipse: s-maj=17.3km s-min=7.5km az=89.0
 CSEM 13 20:20:29.6, 1.2, 7688N, 1749E, h1km, km, ML2.6, Error ellipse: s-maj=45.7km s-min=8.2km az=69.0
 NAO 13 20:20:30.0, 1.6, 7692N, 1820E, h1km, km, ML2.9, Error ellipse: s-maj=3.4km s-min=1.7km az=78.0
 BER 13 20:20:32.7, 5.7, 7694N, 1799E, h15km, km, MD2.9, ML2.6, ML2.1 (NAO)
 ISC 13 20:20:28.1, 2.0, 7687N, 009.175E, h10km, 17km, n7, $\sigma=103/13$, Svalbard region

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	ISC	Time	Res
					h m s	ISC	
SPA0	Spitsbergen Ar	1.34	350	Op	Pn	20 20 53.2	+0.3
SPA0	baz=154,slow=18						
SPA0	baz=165,slow=18			Pg	Pg	20 20 54.7	+0.9
SPA0	baz=157,slow=28			Lg	Pg	20 21 12.2	
SPA0	Spitsbergen Ar	1.34	350	Pg	Pg	20 20 54.7	+0.9
SPA0	SNR=92						
HOPEN	Hopen	1.77	98	eP	Pn	20 20 59.6	+0.7
HOPEN				eS	Pn	20 21 20.6	+0.8
HOPEN				AML	AML	20 21 27.8	
HOPEN	comp=N,188nm,0.4s						
KBS	Kingsbay	2.38	333	Pn	Pn	20 21 08.2	+1.0
KBS				Pg	Pg	20 21 13.6	+0.1
KBS				eS	Pn	20 21 22.2	
KBS	Kingsbay	2.38	333	eP	Pn	20 21 08.1	+0.9
KBS				eS	Pn	20 21 42.8	-1.8
KBS				AML	AML	20 21 51.2	
KBS	comp=Z,50nm,0.4s						
KBS	Kingsbay	2.38	333	Pg	Pg	20 21 13.6	+0.1
KBS				eS	Pn	20 21 42.8	-1.7
ARA0	ARCESS Array S	7.72	159	Pn	Pn	20 22 20.8	+0.2
ARA0	baz=50,slow=18						
ARA0	baz=4.4,slow=28			Sn	Sn	20 23 43.9	-4.2

JMA 13 20:24:55.0, 0.1, 4278N, 14388E, h107km, 1km, M3.5, Hokkaido region

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	ISC	Time	Res
					h m s	ISC	
JOB	Onbets	0.13	345	P	Pn	20 25 10.4	+0.6
JOB				eS	Pn	20 25 21.5	+0.6
JCH	Churui	0.42	247	P	Pn	20 25 11.0	0.0
JCH				P	Pn	20 25 22.3	-0.7
JAS	Ashorobuto	0.52	351	P	Pn	20 25 11.0	+0.1
JAR				eS	Pn	20 25 24.4	+0.2
JAK	Akeshi	0.64	300	P	Pn	20 25 12.4	-0.1
JAK				eS	Pn	20 25 25.3	-0.4
JEM	Erimo	0.93	215	P	Pn	20 25 15.4	+0.2
JNBK	Urawaka-nobuka	0.97	239	P	Pn	20 25 15.9	+0.3
JNBK				eS	Pn	20 25 30.7	+0.2
JNK	Nakash	1.01	37	P	Pn	20 25 15.7	-0.4
JNK				eS	Pn	20 25 30.9	-1.0
JFR	Furan	1.02	293	P	Pn	20 25 16.0	-0.1
JFR				eS	Pn	20 25 32.3	+0.2
JBT2	Biratori 2	1.12	270	P	Pn	20 25 17.3	+0.1
JBT2				eS	Pn	20 25 33.7	+0.2
JTKR	Abashiri-Toko	1.19	1	P	Pn	20 25 18.4	+0.4
JTKR				eS	Pn	20 25 35.7	+0.3
JMP	Maruseppu	1.28	343	P	Pn	20 25 19.3	+0.2
JMP				eS	Pn	20 25 37.1	-0.2
JKK2	Kamakawa 2	1.37	323	P	Pn	20 25 20.5	+0.4
JKK2				eS	Pn	20 25 39.7	+0.6
JRA	Rausu	1.47	38	P	Pn	20 25 21.4	+0.2
JRA				eS	Pn	20 25 41.7	+0.5
NEM2	Nemuro 2	1.48	66	P	Pn	20 25 20.4	-1.0
NEM2				eS	Pn	20 25 38.9	-2.6
JEW	Eniwo	1.79	273	P	Pn	20 25 19.9	+0.3
JEW				eS	Pn	20 25 48.4	+0.2
JHR	Hokuryu	1.84	302	P	Pn	20 25 26.4	+0.5
JHR				eS	Pn	20 25 50.9	+1.5

MAN 13 20:26:44.7, 1686N, 12031E, h0km, mb2.5, ML4.0, MS3.9, ID, Luzon

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	ISC	Time	Res
					h m s	ISC	
BCPH	Baguio City Da	0.55	151	Op	Pn	20 28 54.9	-0.3
BCPH				eS	Pn	20 29 02.2	0.0
BOLP	Bolinao	0.61	218	eP	Pn	20 28 57.5	+1.2
BOLP				eS	Pn	20 29 07.4	+0.2
ABRA	Dolores	0.87	26	eP	Pn	20 29 01.2	+0.2
SCZP	Santa Cruz	1.14	199	eP	Pn	20 29 06.0	-0.6
CAUP	Cauayan	1.46	87	eP	Pn	20 29 12.8	+0.6

NIED 13 20:40:00, 4670N, 15320E, h44km, Mw4.1 Best double couple: Mb1.52000, 1015, NFP1.38, 00000, 1.362, 00000, 1.499, 00000, 1.195, 242, 0000, 3.6, 00000, 1.7, 35, 00000, 0.7

ISC 13 20:40:14.7, 4.0, 4691N, 15271E, h0km, mb3.8, 3/4, mb1 4.0/3, mb1mx3.5/20, mbtmp3.8/3, Error ellipse: s-maj=90.44km s-min=84.0km az=152.0, Kuril Islands

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	ISC	Time	Res
					h m s	ISC	
MKAR	Makanchi Array	46.62	297	P	P	20 48 44.3	-0.3
MKAR	comp=2.0, 3s, baz=112, slow=6.9, SNR=4.5						
FINES	FINESS Array B	67.78	335	P	P	20 50 47.9	-0.6
FINES	1.5nm, 0.7s, baz=35, slow=8.1, SNR=13						
NB2	NORSAR Subarray	67.99	341	P	P	20 51 15.3	-0.3
NB2	comp=2.0, 4nm, 0.5s, baz=28, slow=6.9, SNR=3.4						
NOA	NORSAR Array B	67.99	341	P	P	20 51 15.4	-0.2
NOA	comp=2.0, 6nm, 0.6s, baz=27, slow=6.3, SNR=3.5						

ISC 13 20:59:20.4, 1.3, 1162S, 6617E, h0km, mb3.8/4, mb1 3.9/4, mb1mx3.5/21, mbtmp3.8/4, MS3.4/1, Ms1 3.3/1, ms1mx2.7/35, Error ellipse: s-maj=62.8km, s-min=26.9km az=22.0, Mid-Indian Ridge

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	ISC	Time	Res
					h m s	ISC	
KMBO	Kilima Mbogo	30.53	288	Op	Pn	21 05 35.7	+0.3
BOSA	Boshoif	41.72	240	LR	LR	21 25 36.3	
BOSA	comp=2.1nm, 18.2s, baz=97, slow=5.8						
ASAR	Alice Springs	65.15	111	P	P	21 10 03.8	+0.6
ASAR	0.4nm, 0.7s, baz=280, slow=6.0, SNR=4.6						
WRA	Warramunga Arr	65.76	107	P	P	21 10 07.6	+0.5
WRA	0.8nm, 0.5s, baz=274, slow=5.5, SNR=5.3						
SOMM	Songino Array	69.14	28	P	P	21 10 28.5	-0.1
SOMM	0.2nm, 0.5s, baz=206, slow=6.3, SNR=3.9						
PDAR	Pinedale Array	148.75	34	PKPbc	PKPbc	21 19 10.9	+1.3
PDAR	0.5nm, 0.7s, baz=101, slow=3.2, SNR=4.4						

KRSC 13 21:00:09, 5171N, 15973E, h5km, ML3.7, Off east coast of Kamchatka Peninsula

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	ISC	Time	Res
					h m s	ISC	
RUS	Russkaya	1.04	314	eP	Pn	21 00 29.3	+0.3
RUS				eS	Pn	21 00 44.6	+2.2
RUS	Gorelyy	1.32	310	iS	Pn	21 00 34.8	+0.7
GRN	Gory Shipunski	1.40	7	P	Pn	21 00 53.9	+2.3
GRN				Sb	Pn	21 00 57.8	+4.0
PET	Petropavlovsk	1.47	334	P	Pn	21 00 37.2	+1.0
PET				eS	Pn	21 00 51.8	+1.3
NLC	Nalytchevo	1.48	351	eP	Pn	21 00 37.0	+0.7
NLC				eS	Pn	21 00 57.6	+1.5
SDLR	Sedlovina	1.65	342	P	Pn	21 00 39.9	+1.2
SDLR				iS	Pn	21 01 02.4	+2.1
GNL	Ganally	2.27	332	eP	Pn	21 00 48.6	+2.5
GNL				eS	Pn	21 01 19.3	-3.9
MKZ	Mys Kozlova	3.10	32	P	Pn	21 00 58.2	-0.3
KBTR	Krutoberegovo	4.86	21	P	Pn	21 01 23.7	+0.9

ISCJB 13 21:09:04.1, 0.5, 5011N, 003.1840E, h0km, Error ellipse: s-maj=4.4km s-min=2.6km az=32.8
 WAR 13 21:09:05.8, 5004N, 1846E, ML2.4, Mining Induced
 CSEM 13 21:09:05.7, 0.1, 5008N, 1844E, h1km, ML2.9/4, Error ellipse: s-maj=3.4km s-min=1.7km az=78.0
 IPEC 13 21:09:05.6, 0.2, 5005N, 1850E, h6km, 1km, ML2.1/4, Error ellipse: s-maj=2.0km s-min=1.1km az=163.0
 PRU 13 21:09:06.7, 5009N, 1837E, h0km

ISC 13 21:09:05.3, 0.5, 5008N, 003.1842E, h0km, n25, $\sigma=118/14$, Poland

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	ISC	Time	Res
					h m s	ISC	
RAC	Raciborz	0.14	273	Op	Pn	21 09 09.9	+1.8
RAC				eS	Pn	21 09 13.6	+3.7
OKC	Ostrava-Krasne	0.30	216	eP	Pn	21 09 11.7	+0.7
OKC				eS	Pn	21 09 16.0	+1.2
MORC	Moravsky Berou	0.64	242	eP	Pn	21 09 18.1	+0.5
MORC				eS	Pn	21 09 27.3	+1.4
OJC	Ojcow	0.90	80	eP	Pn	21 09 22.1	-0.5
OJC				eS	Pn	21 09 34.5	+0.3
OJC	Ojcow	0.90	80	eP	Pn	21 09 22.0	-0.6
OJC				eS	Pn	21 09 34.5	+0.3
JAVS	Velka Javorina	1.31	202	eP	Pn	21 09 55.7	+0.7
JAVS				eS	Pn	21 09 31.7	+0.1
DPC	Dobruska-Polom	1.37	282	eP	Pn	21 09 50.5	+1.1
DPC				eS	Pn	21 09 31.7	+0.1
DPC				eS	Pn	21 09 50.7	+1.3
NIE	Niedzica	1.40	117	eP	Pn	21 09 31.1	-1.0
NIE				eS	Pn	21 09 50.4	+0.3
VRAC	Vranov	1.41	238	eP	Pn	21 09 32.1	-0.3
VRAC				eS	Pn	21 09 51.1	-0.4
KSP	Ksiaz	1.56	300	eP	Pn	21 09 34.6	-0.6
KSP				eS	Pn	21 09 55.6	+0.2
UPC	Upice	1.60	287	eP	Pn	21 09 35.9	-0.1
UPC				eS	Pn	21 09 56.7	-0.1
VYHS	Vyhne	1.61	170	eP	Pn	21 09 34.7	-0.2
VYHS				eS	Pn	21 09 55.7	+0.2
KRUC	Moravsky	1.66	233	eP	Pn	21 09 35.6	-0.1
KRUC				eS	Pn	21 09 58.0	-0.7
SMOL	Smolenice	1.69	203	eS	Pn	21 09 58.6	+0.1
STHS	Stebnicka Huta	1.95	109	eP	Pn	21 09 44.2	+2.8
STHS				eS	Pn	21 10 10.3	+0.5
ZST	Bratislava	2.07	205	eS	Pn	21 10 06.2	-1.6
ZST	Kecovo	2.09	139	eP	Pn	21 09 46.3	+4.7

OBN	Obninsk	69.25 323 eP	P	21 49 02.6 -0.8	J05A	Fort Rock	72.58 49 P	P	21 49 24.5 +1.0	HFS	Hagfors	75.66 335 P	P	21 49 40.2 -1.3	
OBN	Obninsk			21 49 24.4						HFS					
OBN	Obninsk			21 51 35.9	K04A	Chilquin	72.62 50 P	P	21 49 23.8 0.0	PAHR	Pah Rah Range	75.67 52 eP	P	21 49 42.0 +0.5	
OBN	Obninsk	comp=Z,40nm,1.5s,mb5.1	pmax		E09A	Wood Farm, Sta	72.73 45 P	P	21 49 24.4 0.0	O07A	Toulou	75.74 51 eP	P	21 49 42.3 +0.3	
OBN	Obninsk		MLR	MLR	A12A	Yaak River Ran	72.82 42 P	P	21 49 25.4 +0.4	R05C	Kirkwood Meado	75.77 53 P	P	21 49 42.5 +0.4	
C04A	Brinnon	69.28 46 P	P	21 49 03.4 -0.1	SUMG	Summit	72.85 360 eP	P	21 49 24.9 -0.2	NB2	NORSAR Subarra	75.81 337 P	P	21 49 41.3 -1.0	
MBW	Mount Baker	69.38 44 P	P	21 49 04.3 +0.2	I06A	Primeville	72.86 48 P	P	21 49 25.7 +0.4	NB2	NORSAR Subarra	75.81 337 P	P	21 49 41.3 -1.0	
KLBR	Kellerberrin	69.40 200 eP	P	21 49 03.1 -1.2	G08A	Pilot Back	72.90 47 P	P	21 49 25.7 +0.3	NB2	NORSAR Subarra	75.81 337 P	P	21 49 41.3 -1.0	
E03A	Leban	69.50 47 P	P	21 49 05.4 +0.5	H07A	Lands Inn, Kim	72.91 47 P	P	21 49 25.3 -0.2	NOA	NORSAR Array B	75.81 337 P	P	21 49 41.4 -1.0	
B05A	Bryant	69.53 45 P	P	21 49 06.1 +0.1	M04C	Macdoel	72.98 51 P	P	21 49 26.4 +0.5	NOA	NORSAR Array B	75.81 337 P	P	21 49 41.4 -1.0	
JCW	Jim Creek	69.66 45 P	P	21 49 06.3 +0.4	K05A	Summer Lake	73.08 50 P	P	21 49 27.3 +0.7	NOA	NORSAR Array B	75.81 337 P	P	21 49 41.4 -1.0	
D04A	Dobbs Creek Ra	69.68 46 P	P	21 49 05.1 -0.9	B12A	Libby	73.11 42 P	P	21 49 27.0 +0.2	NOA	NORSAR Array B	75.81 337 P	P	21 49 41.4 -1.0	
B06A	Marblemount	69.75 45 P	P	21 49 06.1 -0.4	WDC	Whiskeytown Da	73.16 52 eP	P	21 49 27.5 +0.5	NOA	NORSAR Array B	75.81 337 P	P	21 49 41.4 -1.0	
KAF	Kangasniemi	69.79 333 eP	P	21 49 04.5 -2.2	WDC	Whiskeytown Da	73.16 52 eP	P	21 49 27.5 +0.5	NOA	NORSAR Array B	75.81 337 P	P	21 49 41.4 -1.0	
KAF	Kangasniemi	69.79 333 eP	P	21 49 04.5 -2.2	WDC	Whiskeytown Da	73.16 52 eP	P	21 49 27.5 +0.5	NOA	NORSAR Array B	75.81 337 P	P	21 49 41.4 -1.0	
F03A	Seaside	69.80 48 P	P	21 49 06.5 -0.3	WDC	Whiskeytown Da	73.16 52 eP	P	21 49 27.5 +0.5	NOA	NORSAR Array B	75.81 337 P	P	21 49 41.4 -1.0	
VRSR	Storozhevoye	69.91 319 eP	P	21 49 06.8 -0.6	O02C	Red Bluff	73.21 53 P	P	21 49 28.0 +0.7	NOA	NORSAR Array B	75.81 337 P	P	21 49 41.4 -1.0	
VRSR	Storozhevoye	69.91 319 eP	P	21 49 06.8 -0.6	P01C	Double 8 Ranch	73.22 53 P	P	21 49 27.7 +0.3	NOA	NORSAR Array B	75.81 337 P	P	21 49 41.4 -1.0	
VRSR	Storozhevoye	69.91 319 eP	P	21 49 06.8 -0.6	J06A	Christmas Vall	73.27 49 P	P	21 49 28.1 +0.4	NOA	NORSAR Array B	75.81 337 P	P	21 49 41.4 -1.0	
C05A	Tolt Reservoir	70.05 45 P	P	21 49 08.2 0.0	F09A	S2 Ranch, Elgi	73.30 46 P	P	21 49 29.7 +0.1	NOA	NORSAR Array B	75.81 337 P	P	21 49 41.4 -1.0	
D05A	Ennumclaf	70.12 46 P	P	21 49 09.0 +0.3	K06A	Valley Falls	73.40 49 P	P	21 49 29.3 +0.7	QRN	Al-Qurain	75.92 295 eP	Amb	P	21 49 42.5 -0.4
H02A	Toledo	70.15 49 P	P	21 49 08.6 -0.3	L05A	Lakeview	73.48 50 P	P	21 49 29.7 +0.8	QRN	Al-Qurain	75.92 295 eP	Amb	P	21 49 42.5 -0.4
G03A	Yamhill	70.28 48 P	P	21 49 09.6 -0.1	H08A	Prairie City	73.49 47 P	P	21 49 29.4 +0.5	CMB	Columbia Colle	75.93 53 eP	P	21 49 43.3 +0.2	
FINES	FINESS Array B	70.28 332 P	P	21 49 08.5 -1.2	GASB	Alder Springs	73.53 53 P	P	21 49 30.1 +1.0	CMB	Columbia Colle	75.93 53 eP	P	21 49 43.3 +0.2	
FINES	FINESS Array B	70.28 332 P	P	21 49 08.5 -1.2	F10A	Beach Ranch, E	73.56 45 P	P	21 49 29.5 +0.2	M09A	Marrel Ranch,	75.94 49 P	P	21 49 43.6 +0.5	
FINES	FINESS Array B	70.28 332 P	P	21 49 08.5 -1.2	C12A	Trout Creek	73.60 43 P	P	21 49 29.6 +0.1	HAST	UC Hastings Re	76.05 55 P	P	21 49 44.0 +0.3	
FINES	FINESS Array B	70.28 332 P	P	21 49 08.5 -1.2	HOPS	Hopland	73.64 54 P	P	21 49 30.1 +0.3	P07A	Fall	76.08 51 P	P	21 49 44.0 +0.3	
CNB	Camberra Magne	70.33 172 eP	P	21 49 09.7 -0.3	WALA	Waterton Lakes	73.70 41 eP	P	21 49 29.8 -0.4	RDF	Al-Radifiah	76.10 296 eP	Amb	P	21 49 43.6 -0.4
WSAR	Wadi Sarin	70.49 285 P	P	21 49 11.4 +0.4	J07A	Hines	73.72 48 P	P	21 49 31.0 +0.7	O08A	Rochester Mine	76.13 51 P	P	21 49 44.4 +0.2	
F04A	Amboy	70.49 47 P	P	21 49 11.2 +0.2	HATC	Hat Creek Radi	73.73 51 P	P	21 49 30.7 +0.3	NAY	Al-Naaeim	76.15 296 eP	Amb	P	21 49 43.5 -0.8
B07A	Winthrop	70.57 44 P	P	21 49 11.3 -0.1	MNK	Minsk	73.77 326 eP	P	21 49 26.0 -4.6	NAY	Al-Naaeim	76.15 296 eP	Amb	P	21 49 43.5 -0.8
I02A	Mapleton	70.59 50 P	P	21 49 11.3 -0.3	B13A	Whitefish	73.79 42 eP	P	21 49 31.0 +0.3	RST	Umm Al-Ruwaiss	76.20 296 eP	Amb	P	21 49 43.6 -1.0
COR	Corvallis	70.63 49 eP	P	21 49 12.9 +1.1	O03C	Acorn Hollow,	73.80 52 P	P	21 49 31.3 +0.6	RST	Umm Al-Ruwaiss	76.20 296 eP	Amb	P	21 49 43.6 -1.0
COR	Corvallis	70.63 49 eP	P	21 49 12.9 +1.1	I08A	Drewsey	73.88 48 P	P	21 49 31.7 +0.4	HRY	Holler Researc	76.21 42 eP	P	21 49 44.7 +0.1	
COR	Corvallis	70.63 49 eP	P	21 49 12.9 +1.1	MOD	Modoc	73.89 50 eP	P	21 49 31.5 +0.3	N09A	Rock Creek Ran	76.22 50 P	P	21 49 45.1 +0.4	
K01A	Sixes	70.78 51 P	P	21 49 12.9 +0.2	MOD	Modoc	73.89 50 P	P	21 49 31.5 +0.2	R06C	Coleville	76.28 53 P	P	21 49 45.6 +0.6	
D06A	Cle Elum	70.79 48 P	P	21 49 12.8 0.0	MOD	Modoc	73.89 50 P	P	21 49 31.5 +0.2	S05C	Merced	76.35 54 P	P	21 49 45.4 0.0	
TWW	Teanaway	70.81 46 P	P	21 49 13.8 +0.9	H09A	Durkee	74.01 47 P	P	21 49 32.4 +0.4	T05C	Eagle Field, D	76.37 55 P	P	21 49 45.7 +0.1	
G04A	Mulino	70.82 48 P	P	21 49 13.2 +0.2	MNRC	McLaughlin Nat	74.12 54 P	P	21 49 33.3 +0.7	M10A	I.L. Ranch, Tu	76.45 49 P	P	21 49 46.8 +0.8	
I03A	Eugene	70.95 49 P	P	21 49 14.1 +0.3	C13A	Hot Springs	74.12 43 P	P	21 49 32.9 +0.3	V03C	Hunter Liggett	76.47 56 P	P	21 49 46.6 +0.5	
TBM	Table Mountain	70.95 45 P	P	21 49 14.2 +0.4	K07A	Rock Creek Ran	74.13 49 P	P	21 49 32.9 +0.3	P08A	Dixie Valley	76.51 51 P	P	21 49 47.5 +1.2	
C07A	Waterville	71.00 45 P	P	21 49 13.6 -0.5	M06C	Likely Place G	74.16 51 P	P	21 49 33.1 +0.3	EGMT	Engleton	76.55 40 eP	P	21 49 46.7 +0.2	
E06A	Yakima	71.05 46 P	P	21 49 14.5 +0.2	MCCM	Marconi Confer	74.22 54 P	P	21 49 33.0 -0.2	HLID	Hailey	76.57 46 eP	P	21 49 46.8 +0.1	
J02A	Umpqua	71.07 50 P	P	21 49 14.5 0.0	O04C	Chester	74.24 52 P	P	21 49 33.9 +0.6	BMN	Battle Mountai	76.64 50 eP	P	21 49 47.8 +0.7	
F05A	White Salmon	71.10 47 P	P	21 49 14.9 +0.2	J08A	Circle Bar Ran	74.24 48 P	P	21 49 33.9 +0.5	BMN	Battle Mountai	76.64 50 eP	P	21 49 47.8 +0.7	
EBG	Ellensburg	71.10 46 P	P	21 49 15.2 +0.5	ELFS	Eagle Lake Fei	74.31 51 P	P	21 49 34.4 +0.7	BMN	Battle Mountai	76.64 50 eP	P	21 49 47.8 +0.7	
A09A	Darwin	71.17 43 P	P	21 49 15.3 +0.2	ANN	Anapa	74.33 314 eP	P	21 49 32.3 -1.5	BMN	Battle Mountai	76.64 50 eP	P	21 49 47.8 +0.7	
H04A	Detroit Lake	71.27 48 P	P	21 49 15.9 +0.2	ANN	Anapa	74.33 314 eP	P	21 49 32.3 -1.5	MCMT	McKee Canyo	76.74 44 P	P	21 49 46.7 -0.9	
D07A	Quino	71.30 45 P	P	21 49 16.2 +0.3	ANN	Anapa	74.33 314 eP	P	21 49 32.3 -1.5	R07C	Lee Vining	76.78 53 P	P	21 49 48.8 +0.9	
VFP	Flag Point	71.38 47 P	P	21 49 16.9 +0.5	ANN	Anapa	74.33 314 eP	P	21 49 32.3 -1.5	O09A	Fish Creek Ran	76.81 50 P	P	21 49 48.7 +0.7	
Z02A	Glendale	71.42 51 P	P	21 49 17.0 +0.4	ANN	Anapa	74.33 314 eP	P	21 49 32.3 -1.5	V04C	Ramage Ranch	76.92 56 P	P	21 49 49.6 +0.9	
ZEI	Tsey	71.44 309 eP	P	21 49 15.3 -1.4	ANN	Anapa	74.33 314 eP	P	21 49 32.3 -1.5	N10A	Dunphy	76.93 49 P	P	21 49 49.3 +0.6	
ZEI	Tsey	71.44 309 eP	P	21 49 15.3 -1.4	ANN	Anapa	74.33 314 eP	P	21 49 32.3 -1.5	M11A	Holland Ranch,	76.97 48 P	P	21 49 49.2 +1.0	
J03A	Ideylid Park	71.45 50 P	P	21 49 17.2 +0.4	ANN	Anapa	74.33 314 eP	P	21 49 32.3 -1.5	PKD	Parkfield	76.98 55 P	P	21 49 49.2 +0.3	
M01C	Crescent City	71.48 52 P	P	21 49 17.4 +0.4	ANN	Anapa	74.33 314 eP	P	21 49 32.3 -1.5	KCC	Kaiser Creek	77.03 54 P	P	21 49 49.4 +0.1	
G05A	Wamic	71.51 47 P	P	21 49 17.5 +0.3	ANN	Anapa	74.33 314 eP	P	21 49 32.3 -1.5	Q08A	Gabbs	77.08 52 P	P	21 49 50.1 +0.6	
C08A	Higginbotham F	71.53 44 P	P	21 49 17.1 -0.2	ANN	Anapa	74.33 314 eP	P	21 49 32.3 -1.5	NVAR	Mina Array Bea	77.08 52 P	P	21 49 50.4 +0.9	
KIV	Kislovodsk	71.59 311 eP	P	21 49 18.1 +0.4	ANN	Anapa	74.33 314 eP	P	21 49 32.3 -1.5	O10A	Crest Mining,	77.18 50 P	P	21 49 51.1 +0.1	
KIV	Kislovodsk	71.59 311 eP	P	21 49 18.1 +0.4	ANN	Anapa	74.33 314 eP	P	21 49 32.3 -1.5	MLAC	Mammoth Lakes	77.18 53 P	P	21 49 50.7 +0.6	
KIV	Kislovodsk	71.59 311 eP	P	21 49 18.1 +0.4	ANN	Anapa	74.33 314 eP	P	21 49 32.3 -1.5	P09A	Austin	77.19 51 P	P	21 49 50.7 +0.5	
KIV	Kislovodsk	71.59 311 eP	P	21 49 18.1 +0.4	ANN	Anapa	74.33 314 eP	P	21 49 32.3 -1.5	R08A	Mina	77.25 52 P	P	21 49 51.0 +0.5	
EDM	Edmonton	71.66 37 eP	P	21 49 17.3 -0.7	ANN	Anapa	74.33 314 eP	P	21 49 32.3 -1.5	MALT	Malaty	77.34 308 P	P	21 49 52.4 +1.4	
L02A	Cave Junction	71.66 51 P	P	21 49 18.0 -0.1	ANN	Anapa	74.33 314 eP	P	21 49 32.3 -1.5	MALT	Malaty	77.34 308 eP	P	21 49 51.1 +0.1	
E07A	Sunnyside	71.70 46 P	P	21 49 18.3 0.0	ANN	Anapa	74.33 314 eP	P	21 49 32.3 -1.5	MALT	Malaty	77.34 308 eP	P	21 49 51.1 +0.1	
A10A	Northport	71.73 43 P	P	21 49 18.5 0.0	ANN	Anapa	74.33 314 eP	P	21 49 32.3 -1.5	MALT	Malaty	77.34 308 eP	P	21 49 51.1 +0.1	
VSU	Vasula	71.83 330 eP	P	21 49 18.1 -1.0	ANN	Anapa	74.33 314 eP	P	21 49 32.3 -1.5	MALT	Malaty	77.34 308 eP	P	21 49 51.1 +0.1	
H05A	Madras	71.87 48 P	P	21 49 19.5 +0.1	ANN	Anapa	74.33 314 eP	P	21 49 32.3 -1.5	MALT	Malaty	77.34 308 eP	P	21 49 51.1 +0.1	
G06A	Carlson Farm,	71.93 47 P	P	21 49 19.9 +0.3	ANN	Anapa	74.33 314 eP	P	21 49 32.3 -1.5	MALT	Malaty	77.34 308 eP	P	21 49 51.1 +0.1	
OD2	Odessa Site #2	71.93 45 P	P	21 49 19.6 -0.1	ANN	Anapa	74.33 314 eP	P	21 49 32.3 -1.5	MALT	Malaty	77.34 308 eP	P	21 49 51.1 +0.1	
HAWA	Hanford	71.98 46 eP	P	21 49 20.0 0.0	ANN	Anapa	74.33 314 eP	P	21 49 32.3 -1.5	MALT	Malaty	77.34 308 eP	P	21 49 51.1 +0.1	
D08A	Wollman Farm,	71.99 45 P	P	21 49 19.6 -0.5	ANN	Anapa	74.33 314 eP	P	21 49 32.3 -1.5	MALT	Malaty	77.34 308 eP	P	21 49 51.1 +0.1	
F07A	Phinny Hill Vi	72.01 46 P	P	21 49 20.3 +0.2	ANN	Anapa	74.33 314 eP	P	21 49 32.3 -1.5	MALT	Malaty	77.34 308 eP	P	21 49 51.1 +0.1	
JCC	Jacoby Creek	72.07 53 P	P	21 49 20.6 +0.1	ANN	Anapa	74.33 314 eP	P	21 49 32.3 -1.5	MALT	Malaty	77.34 308 eP	P	21 49 51.1 +0.1	
GNI	Garni	72.22 307 P	P	21 49 22.6 +1.1	ANN	Anapa	74.33 314 eP	P	21 49 32.3 -1.5	MALT	Malaty	77.34 308 eP	P	21 49 51.1 +0.1	

13d 21h

2006 OCT

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Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like LKWF Lake, WYFF Charlotte, and many others.

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Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like ANMO Albuquerque, BAIF Baives, BAIF Baives, and many others.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

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MX3 13 23:52:05.0-0.4, 1705N-9964W, h40km±11km, MD3.5, Guerrero

IDC 14 00:11:19.3±8.0, 3785N-7406E, h100km±73km, mb3.3/4, mb1.3±0.7, mb1tm3.2/24, mbtm3.9/7, ML3.7/3, Error ellipse: s-maj=54.9km s-min=26.0km az=33.0

NEIC 14 00:11:22.9±3.2, 3795N-7410E, h132km±26km, mb3.5/2, Error ellipse: s-maj=30.8km s-min=20.6km az=202.0

ISCJB 14 00:11:24.7±0.7, 3806N-005°742E.01, h165km±9km, mb3.4/4, Error ellipse: s-maj=17.5km s-min=5.6km az=142.0

ISC 14 00:11:25.8±0.7, 3807N-005°742E.01, h161km±9km, n32, ±1505/35, mb3.4/4, 2C-3D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

CSEM 14 00:22:13.6, 7953N-404E, h10km, ML2.6, After BER NAO 14 00:22:14.1±3.5, 8032N-1168E, h4km±17km, ML2.5, BER 14 00:22:13.6±3.1, 7953N-404E, h10km, MD3.0, ML2.6, ML2.5(NAO), Greenland Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

TRN 14 00:55:29.6, 1740N-6116W, h22km, MD3.4, M3.5(FDF), 3D, Leeward Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

GUC 13 23:51:36.4±0.6, 3136S-7168W, h16km±4km, MD3.7, ML3.6, 5C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LOHW Long Hollow, TPAW Teton Pass, MOOV Moose Ponds, etc.

MEX 14 02:06:34.8±1.0, 1607N-9756W, h16km±25km, MD3.5, Oaxaca. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

WEL 14 02:15:39.3±0.7, 3618S-17824E, h209km±8km, ML3.6/5, Error ellipse: s-maj=19.6km s-min=13.5km az=90.0, Off east coast of North Island. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

CSEM 14 02:31:50.5±1.0, 3860N-2858W, h12km±4km, ML1.8, Error ellipse: s-maj=3.0km s-min=2.6km az=56.0, After PDA. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

SVSA 14 02:31:50.5±1.0, 3860N-2858W, h12km±4km, MD2.9, ML1.8, Error ellipse: s-maj=3.0km s-min=2.6km az=56.0, Azores Islands. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

NEIC 14 02:35:01.1, 1934N-10350W, h44km, MD4.0(MEX), After MEX. MEX 14 02:34:59.1±0.8, 1923N-10361W, h107km±23km, MD4.1, 5C-1D, Jalisco. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZAIG Zacatecas, ZAIG Huajuapán, UTMO Tehuacán, etc.

ISCJB 14 02:50:41.9±0.5, 5574S-009-262W, h10km, mb4.3/12, MS3.3/2, Error ellipse: s-maj=15.6km s-min=10.1km az=108.8. IDC 14 02:50:42.3±0.8, 5572S-2615W, h0km, mb4.2/8, mb1.4/3/9, mb1mx4/1/19, mbtmp4.2/9, ML3.5/1, MS3.4/2, Mst 3.2/2, ms1mx3.0/19, Error ellipse: s-maj=22.0km s-min=19.2km az=57.0. NEIC 14 02:50:43.7±0.4, 5573S-2617W, h10km, mb4.4/8, Error ellipse: s-maj=11.2km s-min=8.3km az=50.0. ISC 14 02:50:43.6±0.5, 5577S-008-262W, h10km, n19, of572/20, mb4.3/12, MS3.3/2, South Sandwich Islands. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

NEIC 14 02:54:28.0, 3041S-7192W, h37km, MD3.7(GUC), After GUC. GUC 14 02:54:28.0±1.0, 3041S-7192W, h37km±5km, MD3.7, ML3.1, 6C-6D, Near coast of central Chile. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

ISC 14 03:19:36.2, 3657N-2834E, h5km, MD3.3. ISCJB 14 03:19:37.0, 3653N-2833E-003, h5km, gkm, Error ellipse: s-maj=5.6km s-min=3.7km az=146.7. NEIC 14 03:19:37.3, 3663N-2823E, h19km, MD3.4(ATH), After ATH. ATH 14 03:19:37.3, 3663N-2823E, h19km±3km, MD3.4/5. CSEM 14 03:19:37.4±0.1, 3661N-2830E, h5km, MD3.3, Error ellipse: s-maj=1.4km s-min=1.1km az=151.0. HLW 14 03:19:45.5, 3615N-2834E, h33km, Mb3.0. ISC 14 03:19:38.3±0.5, 3659N-003-2833E-003, h10km±4km, n32, of590/46, 3C-1D, Dodecanese Islands. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DALT Dalyan (Mudla), ARG Arkhangelos, DAT Datca, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SMG Samos, SMG Izmir, KADG Kadav, etc.

PRU 14 03:30:35.5, 5030N-1922E, h0km. IPEC 14 03:30:35.2±0.2, 5029N-1927E, h0km, 1km, ML1.9/3, Error ellipse: s-maj=4.0km s-min=0.9km az=168.0. CSEM 14 03:30:37.0±0.4, 5015N-1920E, h0km, 1km, ML1.9/3, Error ellipse: s-maj=6.0km s-min=1.8km az=1.0. WAR 14 03:30:36.3, 5017N-1931E, ML2.5, 1C-3D, Mining Induced, Poland. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OJC Ojcow, OJC Ojcow, OJC Ostrava-Krasne, etc.

ISCJB 14 03:44:00.1±1.0, 1097N-007-6220W-004, h78km±9km, Error ellipse: s-maj=11.0km s-min=5.8km az=160.4. FUNV 14 03:44:00.2, 1105N-6210W, h73km, MW2.4. TRN 14 03:44:02.7, 1090N-6210W, h70km, MD3.0. ISC 14 03:44:00.8±1.0, 1098N-007-6220W-004, h75km±10km, n10, of568/19, 1C-1D, Near coast of Venezuela. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GUIV Guiria, GUIV TCE, TRN Trinidad (W), etc.

IGQ 14 03:44:48.4, 070S-7875W, h15km±2km, Mb4.1, Ms3.9, 5C-10D, Error ellipse: s-maj=2.3km s-min=0.6km az=179.6, Ecuador. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

NEIC 14 03:45:14.4, 3138S-7168W, h12km, ML3.2(GUC), After GUC. GUC 14 03:45:14.4±0.8, 3138S-7168W, h12km±6km, MD3.6, ML3.2, 3C-3D, Near coast of central Chile. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

Table with columns: PTCH, Station Name, Az, El, Azimuth, Elevation, and other parameters. Includes stations like Petorca, Papudo, Tololo Astrono, etc.

Table with columns: CHTO, Station Name, Az, El, Azimuth, Elevation, and other parameters. Includes stations like Chiang Mai, Kunming, etc.

Table with columns: HIA, Station Name, Az, El, Azimuth, Elevation, and other parameters. Includes stations like Hailar, Gorkha, etc.

IDC 14 03:52:56.31, 8.2248S, 17401W, h0km, mb3.8/3, mb1 4.3/4, mb1mx3.9/15, mbtm4.1/4, ML4.8/1, Error ellipse: s-maj=124.8km s-min=27.2km az=163.0, Tonga Islands region

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, and other parameters. Includes stations like RAR, ASAR, WRA, NVAR, etc.

Table with columns: AS31, Station Name, Az, El, Azimuth, Elevation, and other parameters. Includes stations like Alice Springs, Chengdu, etc.

Table with columns: BMO, Station Name, Az, El, Azimuth, Elevation, and other parameters. Includes stations like Bodaibo, Thein Dam, etc.

WEL 14 03:57:55.0, 0.3, 4467S, 16739E, h12km, ML3.5/11, Error ellipse: s-maj=2.7km s-min=1.5km az=90.0, South Island

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, and other parameters. Includes stations like MSZ, WRA, NVAR, etc.

Table with columns: CD2, Station Name, Az, El, Azimuth, Elevation, and other parameters. Includes stations like Chengdu, MAJO, etc.

Table with columns: THN, Station Name, Az, El, Azimuth, Elevation, and other parameters. Includes stations like Thein Dam, Makanchi Array, etc.

ISC/JB 14 04:02:14.3, 0.3, 593N, 004.12468E, 005, h402km, 2km, mb4.6/6.1, Error ellipse: s-maj=8.0km s-min=5.0km az=131.2

Table with columns: BJI, Station Name, Az, El, Azimuth, Elevation, and other parameters. Includes stations like Bajiatau, etc.

Table with columns: MAJO, Station Name, Az, El, Azimuth, Elevation, and other parameters. Includes stations like Matsushiro, MAJO, etc.

Table with columns: YAK, Station Name, Az, El, Azimuth, Elevation, and other parameters. Includes stations like Yakutsk, Tokmak 2, etc.

MINDANAO MINDANAO MINDANAO MINDANAO MINDANAO MINDANAO MINDANAO MINDANAO MINDANAO MINDANAO

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, and other parameters. Includes stations like KCP, DAV, MATI, etc.

Table with columns: LZH, Station Name, Az, El, Azimuth, Elevation, and other parameters. Includes stations like Lanzhou, Shenyang, etc.

Table with columns: AAK, Station Name, Az, El, Azimuth, Elevation, and other parameters. Includes stations like Ala-Archa, Borovoye, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MALTA, COLA, VANDA, etc.

ISCJB 14 04:50:00.4.4.6.780S.009:1277E.01, h14km, 29km, mb4.3/13, Error ellipse: s-maj=24.0km s-min=8.2km az=112.0

NEIC 14 04:50:06.3.1.8.784S:12746E, h41km, 16km, mb4.3/9, Error ellipse: s-maj=16.4km s-min=11.2km az=51.0

ISC 14 04:50:06.3.7.778S:12759E, h44km, 34km, mb4.1/8, mb1.4, 3/10, mb1mx4.1/16, mbtmp4.1/10, ML4.6/2, MS3.7/1, Ms1.3/6.1, ms1mx3.0/20, Error ellipse: s-maj=34.0km s-min=15.7km az=70.0

ISC 14 04:50:01.7.4.9.078S.009:1277E.01, h8km, 31km, n34, e094/33, mb4.3/13, 1D, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KAKA, FITZ, WRA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VANDA, ZRKN, TORO, etc.

ISC 14 05:22:13.6.1.2.2248S:17075E, h0km, mb4.2/5, mb1.4, 4/7, mb1mx4.2/13, mbtmp4.3/7, ML4.1/2, MS3.8/10, Ms1.3/8.10, ms1mx3.5/29, Error ellipse: s-maj=39.6km s-min=24.5km az=166.0

ISCJB 14 05:22:13.6.1.2.228S:02:1708E.01, h33km, 25km, mb4.4/10, MS3.8/10, Error ellipse: s-maj=29.4km s-min=20.3km az=43.0

NEIC 14 05:22:17.1.2.2.2258S:17072E, h49km, 18km, mb4.7/5, Error ellipse: s-maj=21.6km s-min=13.1km az=215.0

ISC 14 05:22:17.2.2.4.226S:02:1707E.01, h46km, 19km, n44, e110/23, mb4.4/10, MS3.8/10, 1D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM, URZ, STKA, etc.

ISCJB 14 05:39:54.0.0.6.2066N:12000E, h0km, mb4.1/14, mb1.4, 3/14, mb1mx4.2/22, mbtmp4.1/14, MS3.4/5, Ms1.3/4.5, ms1mx3.0/22, Error ellipse: s-maj=27.6km s-min=16.0km az=73.0

NEIC 14 06:02:08.2.0.3.2071N:12018E, h10km, mb4.1/4, Error ellipse: s-maj=10.2km s-min=5.5km az=82.0

ISCJB 14 06:02:10.3.0.8.2076N:003:12022E.006, h40km, 9km, mb4.2/20, MS3.4/5, Error ellipse: s-maj=8.8km s-min=5.3km az=17.8

BUI 14 06:02:12.5.2.128N:11973E, h4km, mb4.2, ML3.8, Ms4.0, Ms3.8

JMA 14 06:02:12.5.0.3.2072N:12043E, h48km, Ms5.0

ISC 14 06:02:11.3.1.8.2074N:003:12016E.004, h31km, 14km, n49, e099/62, mb4.2/20, MS3.4/5, 1C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PIP, CVP, NACB, etc.

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

ISC 14 06:02:12.5.0.3.2072N:12043E, h48km, Ms5.0

ISC 14 06:02:11.3.1.8.2074N:003:12016E.004, h31km, 14km, n49, e099/62, mb4.2/20, MS3.4/5, 1C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PIP, CVP, NACB, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BVAR Borovoye Array, CHKZ Chkalovo, etc.

LDG 14 06:38:03.0.4.2.3, 4700S, 10482E, h0km, mb3.8/4, Mb1 4.0/4, mb1mx3.8/13, mbtmp3.8/4, MS3.7/4, MS1 3.7/4, ms1mx3.3/19, Error ellipse: s-maj=82.5km s-min=22.6km az=121.0, Southeast Indian Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LDFB Labassere, EPFF Esparrros, etc.

LDG 14 06:43:25.4.2.3, 4700S, 10482E, h0km, mb3.8/4, Mb1 4.0/4, mb1mx3.8/13, mbtmp3.8/4, MS3.7/4, MS1 3.7/4, ms1mx3.3/19, Error ellipse: s-maj=82.5km s-min=22.6km az=121.0, Southeast Indian Ridge

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

SSS 14 06:45:57.7, 1319N, 9024W, h30km, MD3.3 CASC 14 06:45:56.0, 1, 1319N, 9026W, h58km, 48km, MD3.6, 5C, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SBLS San Blas, RTR El Retiro, SAN Jose, etc.

ISCJB 14 06:55:06.5.3.9, 470N, 01x1522E, 02, h15km, 26km, mb3.9/7, MS3.3/1, Error ellipse: s-maj=33.5km s-min=9.9km az=92.4

MOS 14 06:55:09.0.1.8, 4695N, 1522E, h44km, mb4.2/6, Error ellipse: s-maj=28.0km s-min=14.6km az=60.9

LDG 14 06:55:10.9.7.2, 4697N, 1522E, h35km, 57km, mb3.7/7, mb1 3.8/9, mb1mx3.6/23, mbtmp3.9/9, ML3.5/2, MS3.3/1, MS1 3.3/1, ms1mx2.5/37, Error ellipse: s-maj=37.8km s-min=24.3km az=104.0

ISC 14 06:55:09.3.3.5, 470N, 02, 1523E, 02, h27km, n19, 0550/21, mb3.9/7, MS3.3/1, 1D, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUR Kuril'sk, ASAJ Asahikawa, MJAR Matsushiro Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARCES ARCESS Array B, ARCES ARCESS Array B, etc.

IDC 14 07:02:54.4.2.2, 123S, 12733E, h0km, mb3.3/2, mb1 3.5/3, mb1mx3.4/15, mbtmp3.3/3, ML3.5/1, Error ellipse: s-maj=192.5km s-min=26.1km az=66.0, Halmahera

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

JMA 14 07:05:00.9.0.2, 2612N, 12788E, h46km, 2km, M3.5, Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JI22 Tamagusuku 2, NAH1 Naha, etc.

IDC 14 07:14:57.8.2.3, 3294N, 9617E, h0km, mb3.4/1, mb1 3.5/3, mb1mx3.3/22, mbtmp3.5/3, ML3.6/1, Error ellipse: s-maj=85.5km s-min=35.6km az=69.0, Qinghai

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SONM Songino Array, MKAR Makanchi Array, ASAR Alice Springs, etc.

MOS 14 07:15:05.0.0.6, 4328N, 4521E, h9km, mb3.7/1, 8C, Eastern ellipse: s-maj=18.4km s-min=9.7km az=168.3, Eastern Caucasus

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SNJR Sundja, VLKR Vladikavkaz, BTRK Batakoyurt, etc.

STR 14 07:41:02.9.1.7, 5142N, 1666E, h5km, 1km, M1.4, 4, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 14 07:41:04.6.0.2, 5155N, 1617E, h1km, M1.4, 5/15, Error ellipse: s-maj=4.4km s-min=2.5km az=6.0, Suspected Mining induced.

ISCJB 14 07:41:05.4.0.2, 5141N, 001x1605E, 002, h80km, mb4.0/13, Error ellipse: s-maj=2.0km s-min=1.7km az=180.0

CSEM 14 07:41:05.0.5.0.1, 5155N, 1611E, h1km, mb4.3/5, ML4.4/22, Error ellipse: s-maj=1.9km s-min=1.5km az=168.0

MOS 14 07:41:06.8.1.0, 5151N, 1604E, h17km, mb4.4/5, Error ellipse: s-maj=6.9km s-min=4.1km az=77.8

BGR 14 07:41:06.3.0.4, 5148N, 1611E, h1km, ML3.8/10, Error ellipse: s-maj=6.7km s-min=2.2km az=13.0

IDC 14 07:41:07.1.0.5, 5145N, 1600E, h0km, mb3.9/8, mb1 4.0/16, mb1mx3.9/25, mbtmp3.9/16, ML3.8/8, MS2.9/1, Ms1 2.9/1, ms1mx2.1/32, Error ellipse: s-maj=9.0km s-min=5.4km az=105.0

PRU 14 07:41:07.9.5145N, 1605E, h0km WAR 14 07:41:08.0.5146N, 1610E, ML3.6, Mining Induced

NEIC 14 07:41:08.0.5140N, 1596E, h10km, mb4.4/3, ML3.6(PRU), ML3.6(CSEM), ML3.8(SZGRF), ML3.9(STF), After PRU

VIE 14 07:41:09.4.0.4, 5126N, 1609E, h0km, mb3.3/8, ML3.6/11, Error ellipse: s-maj=2.7km s-min=2.0km az=174.0, 66 km WNW of Breslau Suspected Mining induced.

ISC 14 07:41:06.4.0.2, 5149N, 001x1609E, 002, h16km, n196, 0125/299, mb4.0/13, 14C-19D, Poland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSP Ksiaz, URC Ujcie, DPC Dobruska-Polom, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DPC comp=N, 542nm, 0.8s, PVCC Panska Ves, etc.

LDG 14 07:38:03.0.4.2.3, 4700S, 10482E, h0km, mb3.8/4, Mb1 4.0/4, mb1mx3.8/13, mbtmp3.8/4, MS3.7/4, MS1 3.7/4, ms1mx3.3/19, Error ellipse: s-maj=82.5km s-min=22.6km az=121.0, Southeast Indian Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CLL Colim, PRU Pruhonice, FBE Freiberg, etc.

IDC 14 07:14:57.8.2.3, 3294N, 9617E, h0km, mb3.4/1, mb1 3.5/3, mb1mx3.3/22, mbtmp3.5/3, ML3.6/1, Error ellipse: s-maj=85.5km s-min=35.6km az=69.0, Qinghai

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VRC Vranov, VRC Vranov, VRC Vranov, etc.

MOS 14 07:15:05.0.0.6, 4328N, 4521E, h9km, mb3.7/1, 8C, Eastern ellipse: s-maj=18.4km s-min=9.7km az=168.3, Eastern Caucasus

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SNJR Sundja, VLKR Vladikavkaz, BTRK Batakoyurt, etc.

STR 14 07:41:02.9.1.7, 5142N, 1666E, h5km, 1km, M1.4, 4, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 14 07:41:04.6.0.2, 5155N, 1617E, h1km, M1.4, 5/15, Error ellipse: s-maj=4.4km s-min=2.5km az=6.0, Suspected Mining induced.

ISCJB 14 07:41:05.4.0.2, 5141N, 001x1605E, 002, h80km, mb4.0/13, Error ellipse: s-maj=2.0km s-min=1.7km az=180.0

CSEM 14 07:41:05.0.5.0.1, 5155N, 1611E, h1km, mb4.3/5, ML4.4/22, Error ellipse: s-maj=1.9km s-min=1.5km az=168.0

MOS 14 07:41:06.8.1.0, 5151N, 1604E, h17km, mb4.4/5, Error ellipse: s-maj=6.9km s-min=4.1km az=77.8

BGR 14 07:41:06.3.0.4, 5148N, 1611E, h1km, ML3.8/10, Error ellipse: s-maj=6.7km s-min=2.2km az=13.0

IDC 14 07:41:07.1.0.5, 5145N, 1600E, h0km, mb3.9/8, mb1 4.0/16, mb1mx3.9/25, mbtmp3.9/16, ML3.8/8, MS2.9/1, Ms1 2.9/1, ms1mx2.1/32, Error ellipse: s-maj=9.0km s-min=5.4km az=105.0

PRU 14 07:41:07.9.5145N, 1605E, h0km WAR 14 07:41:08.0.5146N, 1610E, ML3.6, Mining Induced

NEIC 14 07:41:08.0.5140N, 1596E, h10km, mb4.4/3, ML3.6(PRU), ML3.6(CSEM), ML3.8(SZGRF), ML3.9(STF), After PRU

VIE 14 07:41:09.4.0.4, 5126N, 1609E, h0km, mb3.3/8, ML3.6/11, Error ellipse: s-maj=2.7km s-min=2.0km az=174.0, 66 km WNW of Breslau Suspected Mining induced.

ISC 14 07:41:06.4.0.2, 5149N, 001x1609E, 002, h16km, n196, 0125/299, mb4.0/13, 14C-19D, Poland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NIE Niedzica, VYHS Vyhne, WET Wetzell, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Clausthal, Grafenberg Arr, and various other locations.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like La Chapelle, Malin Array Be, and various other locations.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Mys Kozlova, Zelenaya, Sorokina, and various other locations.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ISA Isabella, RSSD Black Hills, BOSA Boshof, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEIC 14 10:24:52.6,0.5,2492N,12362E, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ROSA Manadas, PMAN Manadas, ISCJB 14 11:17:40.0, etc.

NIED 14 11:37:00,3690N,14170E,h32km,Mw4.4 Best double couple: M₃87000,1015 N₁21.00000,884.00000,183.00000. NP2=248.00000,89.00000,137.00000.
ISCJB 14 11:37:26.6,0.4,3683N,003:14177E,0.4,h33km,mb4.4/30,MS3.9/6,Error ellipse: s-maj=4.0km s-min=14.4km az=178.8
MOS 14 11:37:27.3,1.1,3681N:14176E,h44km,mb4.5/18,Error ellipse: s-maj=16.0km s-min=10.1km az=115.8
JMA 14 11:37:27.7,0.2,3688N:14166E,h51km,3km,M4.7 JMA Felt III J1
NEIC 14 11:37:27.8,3688N,14166E,h50km,mb4.6/10, MW4.3(NIED), After JMA
NEIC Recorded [3 JMA] in Fukushima and [1 JMA] in Ibaraki, Miyagi, Tochigi and Yamagata Prefectures.
BJI 14 11:37:28.5,3685N:14179E,h63km,mb4.8,mb4.6,Ms4.1, Ms3.7, ms1mx3.4/28, Error ellipse: s-maj=20.0km s-min=14.4km az=93.0
ISC 14 11:37:29.0,0.4,3687N,003:14167E,0.04,h35km,n79,r=1908/90,mb4.4/30,MS3.9/6,3D, Near east coast of eastern Honshu

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
ONAJ	Iwakimizuishiy	0.74	288	∩P	Pn	11 37 41.7	-1.2
ONAJ				∩S	Sn	11 37 51.6	-1.3
JFK	Kawauchi	0.81	308	∩P	Pn	11 37 42.6	-1.2
JFK				eS	Sn	11 37 52.9	-1.7
JHO	Hitauchi	0.92	254	∩P	Pn	11 37 44.1	-1.4
JHO				eS	Sn	11 37 56.5	-1.0
JMM	Marumori	1.21	325	∩P	Pn	11 37 48.6	-0.9
JMM				eS	Sn	11 38 03.0	-1.0
JFT	Otama	1.25	302	∩P	Pn	11 37 50.0	+0.1
JFT				eS	Sn	11 38 05.6	+0.2
JIO	Ouri	1.60	351	∩P	Pn	11 37 53.6	-1.2
JIO				eS	Sn	11 38 12.3	-1.9
JFY	Yanaizu	1.66	289	∩P	Pn	11 37 56.1	+0.5
JFO	Okura	1.69	332	∩P	Pn	11 37 56.4	+0.4
JJO				S	Sn	11 38 17.5	+1.1
JYS	Shirataka	1.85	317	∩P	Pn	11 37 59.0	+0.7
JMS	Matsushiro Arr	2.08	264	∩P	Pn	11 38 12.4	+1.1
MJAR					Sn	11 38 45.6	+1.7
MJAR	50nm,0.3s,baz=84,slow=13,SNR=7.3				LR	11 39 27.7	
MJAR	comp=Z,2um,21.2s,baz=80,slow=42				LR	11 38 12.4	+1.1
MJAR	Matsushiro Arr	2.08	264	∩P	Pn	11 38 12.4	+1.1
MJAR					Pn	11 38 45.6	+1.4
MJAR	comp=Z,47nm,0.3s				pmx	pmx	
MJAR	comp=N,50nm,0.3s				MLR	MLR	
MJAR	comp=Z,2um,21.2s				MLR	MLR	
MAT	Matsushiro	2.80	264	∩P	Pn	11 38 12.7	+1.4
MAT					S	11 38 45.3	+1.4
JHJ	Hachijo jima 2	4.05	203	∩P	Pn	11 38 29.3	+0.8
JHJ	comp=Z,54nm,0.3s,baz=88,slow=22,SNR=7.3				Sn	11 39 12.5	-2.2
JHJ	comp=Z,34nm,0.3s,baz=73,slow=19,SNR=2.9				LR	11 40 09.4	
ASAJ	comp=Z,423nm,20.6s,baz=125,slow=40				Pn	11 39 13.4	+0.7
ASAJ	Asahikawa	7.27	5	∩P	Pn	11 39 13.4	+0.7
ASAJ	comp=Z,2.0nm,0.3s,baz=60,slow=31,SNR=7.1				Sn	11 40 34.1	+0.2
ASAJ	comp=Z,2.2nm,0.3s,baz=15,slow=15,SNR=2.3				LR	11 42 29.0	
ASAJ	comp=Z,257nm,19.8s,baz=127,slow=41				Pn	11 39 13.4	+0.7
ASAJ	Asahikawa	7.27	5	∩P	Pn	11 40 34.2	
ASAJ					pmx	pmx	
ASAJ	comp=Z,2.0nm,0.3s				smx	smx	
ASAJ	comp=N,2.0nm,0.3s				MLR	MLR	
ASAJ	comp=Z,257nm,19.8s				Pn	11 40 21.0	+3.8
MDJ	Mudanjiang	11.98	314	∩P	Pn	11 40 21.0	+3.8
MDJ					AMB	AMB	
MDJ	comp=Z,12nm,0.9s				AMB	AMB	
MDJ	comp=Z,139nm,4.5s				LR	LR	
MDJ	comp=N,251nm,18.8s				LR	LR	
MDJ	comp=E,207nm,17.1s				LR	LR	
MDJ	comp=Z,392nm,15.3s				LR	LR	
MDJ	Mudanjiang	11.98	314	ePn	Pn	11 40 14.5	-2.7
MDJ	comp=Z,18nm,0.9s				ePn	11 40 22.8	
KLR	Kul'dur	14.30	333	ePn	Pn	11 40 53.8	+4.8
KLR					MLR	MLR	
KLR	comp=E,400nm,13.0s				MLR	MLR	
CIT	Chita	24.94	317	eP	P	11 42 49.4	+0.5
YAK	Yakutsk	26.27	346	eP	P	11 42 59.9	-1.1
YAK				ePP	pP	11 43 11.4	+0.4
YAK				pmx	pmx		
YAK	comp=Z,28nm,0.8s,mb4.8				P	11 42 59.9	-1.1
YAK	Yakutsk	26.27	347	eP	P	11 43 11.4	+0.4
BOD	Bodaibo	27.77	328	eP	pP	11 43 14.0	-0.5
BOD				pmx	pmx		
SOM	comp=Z,15nm,1.2s,mb4.5				P	11 43 16.4	-0.5
SOM	Songino Array	28.05	304	∩P	Pn	11 43 16.4	-0.5
SOM	comp=Z,3.6nm,0.7s,mb4.1,baz=104,slow=8.0,SNR=22				LR	11 55 00.4	
SOM	comp=Z,148nm,18.8s,MS3.6,baz=154,slow=37				P	11 43 16.4	-0.5
SOM	Songino Array	28.05	304	∩P	Pn	11 43 16.4	-0.5
SOM	comp=Z,4.0nm,0.7s				MLR	MLR	
SOM	comp=Z,148nm,18.8s				MLR	MLR	
LZH	Lanzhou	30.30	280	eP	P	11 43 37.0	+0.1
LZH					AMB	AMB	
LZH	comp=Z,15nm,1.0s,mb4.7				AMB	AMB	
LZH	comp=Z,96nm,5.1s				LR	LR	
LZH	comp=E,283nm,13.8s				LR	LR	
LZH	comp=Z,429nm,15.4s,MS4.2				LR	LR	
LZH	Lanzhou	30.30	280	eP	P	11 43 37.0	+0.1
LZH	comp=Z,15nm,1.0s,mb4.7				pP	11 43 44.0	-3.0
LZH					sp	11 43 48.5	-2.7
LZH	comp=Z,430nm,15.4s,MS4.2				LR	LR	
ZAK	Zakamensk	30.53	308	eP	P	11 43 39.0	+0.1
ZAK					pmx	pmx	
ZAK	comp=Z,2.0nm,1.4s,mb3.8				pmx	pmx	
GYA	Guiyang	31.40	261	∩P	P	11 43 45.9	-0.7
GYA					AMB	AMB	
GTA	comp=Z,10.0nm,1.0s,mb4.6				AMB	AMB	
GTA	Goatai	32.81	287	eP	P	11 43 59.8	+0.8
GTA					AMB	AMB	
KMI	Kunming	35.14	262	∩P	P	11 44 18.1	-1.1
KMI					S	11 49 38.4	-1.1
KMI					AMB	AMB	
KMI	comp=Z,11nm,0.9s,mb4.8				LR	LR	
KMI	comp=Z,160nm,22.2s,MS3.7				LR	LR	
KMI	Kunming	35.14	262	∩P	P	11 44 18.1	-1.1
KMI	comp=Z,11nm,0.9s,mb4.8				S	11 49 38.4	-1.1
KMI					LR	LR	
WMQ	Urumiqi	41.10	297	eP	P	11 45 11.4	+2.0
ZAL	Zalesovo	42.19	312	∩P	P	11 45 18.3	0.0
ZAL	comp=Z,1.8nm,0.8s,mb3.8,baz=6.6,slow=4.6,SNR=6.2				LR	12 04 23.9	
ZAL	comp=Z,195nm,18.2s,MS4.0,baz=201,slow=38				P	11 45 18.3	0.0
ZAL	Zalesovo	42.19	312	∩P	P	11 45 18.3	0.0
ZAL	comp=Z,2.0nm,0.8s				pmx	pmx	

ZAL	MLR	MLR
comp=Z,195nm,18.2s		
NVS Novosibirsk	43.10 314	eP P
MK31 Makanchi Array	44.38 302	eP P
MKAR Makanchi Array	44.38 302	eP P
comp=Z,1.1nm,0.8s,mb3.9,baz=21,slow=9.6,SNR=11		
MKAR Makanchi Array	44.38 302	P P
MKAR		pmx pmx
GUN Gumba	47.38 276	eP P
comp=Z,3.0nm,0.8s		
PKI Pulchoki	47.90 276	eP P
PKN Kakani	47.91 276	eP P
comp=Z,22nm,0.6s,mb5.8		
GKN Gorkh	48.25 277	eP P
comp=Z,3.6nm,0.8s,mb5.4		
HNR Honiara	49.15 156	LR LR
comp=Z,100nm,19.0s,MS3.8,baz=360,slow=34		
KOLN Koldana	49.25 277	eP P
comp=Z,7.8nm,0.5s,mb5.0		
CHKZ Chkalovo	50.57 313	eP P
CHKZ		pmx pmx
comp=Z,3.0nm,0.5s,mb4.5		
CHKZ Chkalovo	50.57 313	eP P
comp=Z,2.8nm,0.5s,mb4.5		
ZRNC Zrenka	51.67 313	eP P
ZRNC		pmx pmx
comp=Z,5.0nm,0.7s,mb4.5		
ZRNC Zrenka	51.67 313	eP P
comp=Z,2.5nm,0.7s,mb4.6		
INK Inuvik	54.44 27	P P
comp=Z,0.9nm,0.6s,mb3.9,baz=299,slow=19,SNR=9.5		
INK Inuvik	54.44 27	P P
comp=Z,1.0nm,0.6s		
ARU Arti	56.62 319	eP P
ARU Arti	56.62 319	eP P
comp=Z,1.1nm,1.0s,mb4.8		
FITZ Fitzroy Cross	56.73 198	eP P
comp=Z,9.9nm,1.9s,mb4.5		
WB2 Warramunga Arr	56.93 188	eP P
WB2 Warramunga Arr	56.93 188	eP P
comp=Z,1.6nm,0.6s,mb4.2,baz=4.9,slow=7.5,SNR=19		
WRA Warramunga Arr	56.93 188	eP P
WRA		pmx pmx
comp=Z,2.0nm,0.6s		
AS31 Alice Springs	60.66 188	eP P
AS31 Alice Springs	60.66 188	eP P
comp=Z,1.3nm,0.7s,mb4.2,baz=16,slow=6.5,SNR=18		
ASAR Alice Springs	60.66 188	P P
ASAR		pmx pmx
comp=Z,1.0nm,0.7s		
ASPA Alice Springs	60.66 188	eP P
ARCES ARCCESS Array B	64.22 339	∩P P
comp=Z,3.3nm,0.9s,mb4.4,baz=46,slow=8.7,SNR=4.4		
ARCES ARCCESS Array B	64.22 339	∩P P
ARCES		pmx pmx
comp=Z,3.0nm,0.9s		
FINES FINES Array B	69.05 332	∩P P
FINES FINES Array B	69.05 332	∩P P
comp=Z,1.5nm,0.8s,mb4.0,baz=55,slow=7.5,SNR=2.6		
FINES FINES Array B	69.05 332	∩P P
FINES		pmx pmx
comp=Z,2.0nm,0.8s		
CMB Columbia Colie	73.79 55	eP P
CMB		pmx pmx
comp=Z,6.0nm,1.1s,mb4.4		
CMB Columbia Colie	73.79 55	eP P
comp=Z,2.6nm,1.1s,mb4.5		
NB2 NORSAR Subarra	74.42 337	P P
comp=Z,0.7nm,0.8s,mb3.6,baz=38,slow=5.9		
NB2 NORSAR Subarra	74.42 337	P P
NB2		pmx pmx
comp=Z,1.0nm,0.8s,mb3.8		
NOA NORSAR Arr B	74.42 337	P P
NOA NORSAR Arr B	74.42 337	P P
comp=Z,0.9nm,0.8s,mb3.8,baz=40,slow=5.8,SNR=3.5		
NOA NORSAR Arr B	74.42 337	P P
NOA		pmx pmx
comp=Z,1.0nm,0.8s		
NOA NORSAR Arr B	74.42 337	P P
AKASG Malin Array Be	74.52 322	P P
AKASG Malin Array Be	74.52 322	P P
comp=Z,2.0nm,0.4s,mb3.9,baz=48,slow=5.9,SNR=4.6		
AKASG Malin Array Be	74.52 322	P P
AKASG		pmx pmx
comp=Z,1.0nm,0.4s		
NVAR Mina Array Be	74.92 53	P P
comp=Z,2.0nm,0.7s,mb4.2,baz=392,slow=6.7,SNR=24		
PDAR Pinedale Array	77.63 46	P P
comp=Z,0.7nm,0.8s,mb3.7,baz=287,slow=2.6,SNR=6.8		
SRU San Rafael	79.36 49	eP P
SRU		pmx pmx
comp=Z,5.0nm,1.1s,mb4.4		
SRU San Rafael	79.36 49	eP P
comp=Z,5.4nm,1.1s,mb4.4		

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC HHC, HHC, etc.

NEIC 14 15:35:42.6, 3311S.6892W, h4km, ML2.5(GUC), After GUC.

GUC 14 15:35:42.6, 0.8, 3311S.6892W, h4km, 6km, MD3.6, ML2.5, 7C-5D, Mendoza Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MDZ Mendoza, CLCH Cerro Calan, PCH Pirque, etc.

NEIC 14 16:09:46.3, 1750N.6099W, h8km, MD3.9(TRN), After TRN.

TRN 14 16:09:47.0, 1751N.6078W, h47km, MD3.9, M3.9(FDF), MD4.1(FDF), 1D, Leeward Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CPB Codrington, BPA Boggy Peak, BPA, etc.

IDC 14 16:18:20.5, 4.4, 1581S.17381W, h294km, 236km, mb3.4/4, mb1 3.5/5, mb1mx3.2/15, mbtmp4.1/5, MS3.1/1, Ms1 3.1/1, ms1mx2.7/21, Error ellipse: s-maj=318.9km s-min=37.8km az=66.0, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AFI Afiamalu, AFI, RPZ Rata Peaks, etc.

ISCJB 14 16:20:22.3, 3697S.007.1795E.0.1, h15km, 13km, mb4.5/4, Error ellipse: s-maj=18.9km s-min=11.3km az=23.6

NEIC 14 16:20:22.6, 1.3, 3686S.17930E, h10km, mb4.9/2, Error ellipse: s-maj=20.9km s-min=10.6km az=101.0

WEL 14 16:20:24.0, 7.4, 3685S.17911E, h12km, ML4.2/15, Error ellipse: s-maj=8.1km s-min=3.9km az=90.0

IDC 14 16:20:28.7, 4.3, 3703S.17919E, h52km, 70km, mb4.1/2, mb1 4.4/3, mb1mx3.8/11, mbtmp4.4/3, Error ellipse: s-maj=92.2km s-min=47.4km az=150.0

ISC 14 16:20:23.4, 2.4, 3710S.006.1795E.0.1, h19km, 15km, n41, PKI

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, MXZ, PUK Puketiiti, etc.

NIED 14 16:40:00, 4680N.15300E, h47km, Mw4.2 Best double couple: M2: 10000.0, 1015. N1: 10000.0, 387.000000, 1.7, 06.000000, N2: 354.000000, 8.16.000000, 4.9.000000.

IDC 14 16:40:58.2, 1.7, 4687N.15304E, h0km, mb3.9/10, mb1 4.1/12, mb1mx3.9/23, mbtmp3.9/12, ML3.6/2, Error ellipse: s-maj=45.7km s-min=21.2km az=170.0

ISCJB 14 16:41:01.9, 1.2, 4611N.0.1, 1530E.0.1, h67km, 11km, mb4.3/18, Error ellipse: s-maj=28.1km s-min=9.0km az=112.6

MOS 14 16:41:04.1, 1.1, 4680N.15287E, h59km, mb4.4/8, Error ellipse: s-maj=17.7km s-min=15.0km az=131.4

NEIC 14 16:41:08.7, 1.0, 4661N.15290E, h94km, 7km, mb4.2/4, Error ellipse: s-maj=15.1km s-min=6.8km az=152.0

ISC 14 16:41:03.9, 1.1, 4621N.0.2, 1529E.0.2, h64km, 11km, n55, 1399G1, mb4.3/18, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, SKR, SKR, etc.

ISCJB 14 16:55:50.2, 0.6, 4720S.008.329E.0.3, h10km, mb4.0/11, MS3.6/7, Error ellipse: s-maj=27.8km s-min=8.4km az=145.7

IDC 14 16:55:50.4, 0.8, 4716S.3307E, h0km, mb3.9/9, mb1 4.0/11, mb1mx3.9/20, mbtmp3.9/11, ML3.8/2, MS3.6/9, Ms1 3.6/9, ms1mx3.5/23, Error ellipse: s-maj=34.8km s-min=15.5km az=71.0

NEIC 14 16:55:51.8, 0.5, 4716S.3297E, h10km, mb4.4/5, Error ellipse: s-maj=24.4km s-min=8.3km az=71.0

ISC 14 16:55:51.6, 0.6, 4718S.008.330E.0.3, h10km, n21, 0594Z2, 0.6, 0.4, 11, MS3.6/7, 1C, Prince Edward Islands region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GKN Gorkha, KOLN Koldanda, ARCRES ARCESS Array B, etc.

IDC 14 16:42:52.7, 4.3, 1861S.17418W, h0km, mb4.0/4, mb1 4.3/4, mb1mx3.9/14, mbtmp4.0/4, Error ellipse: s-maj=297.0km s-min=27.5km az=152.0, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WB2 Warramunga Arr, WRA Warramunga Arr, etc.

ISCJB 14 16:54:33.2, 0.8, 181N.0.1, 6381W.0.04, h117km, 7km, Error ellipse: s-maj=20.8km s-min=3.5km az=28.8

TRN 14 16:54:33.3, 1805N.6383W, h108km, MD3.7

NEIC 14 16:54:36.3, 1827N.6388W, h93km, MD3.7(TRN), MD3.8(FDF), After FDF

RSRP 14 16:54:36.3, 1827N.6388W, h93km, 8km, MD3.8/10, MD3.8/10

ISC 14 16:54:34.0, 0.9, 181N.0.1, 6380W.0.04, h114km, 8km, n23, 0592Z38, 6C-5D, Leeward Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STMA St. Maarten, A, STMA, SABA Saba, etc.

ISCJB 14 16:55:50.2, 0.6, 4720S.008.329E.0.3, h10km, mb4.0/11, MS3.6/7, Error ellipse: s-maj=27.8km s-min=8.4km az=145.7

IDC 14 16:55:50.4, 0.8, 4716S.3307E, h0km, mb3.9/9, mb1 4.0/11, mb1mx3.9/20, mbtmp3.9/11, ML3.8/2, MS3.6/9, Ms1 3.6/9, ms1mx3.5/23, Error ellipse: s-maj=34.8km s-min=15.5km az=71.0

NEIC 14 16:55:51.8, 0.5, 4716S.3297E, h10km, mb4.4/5, Error ellipse: s-maj=24.4km s-min=8.3km az=71.0

ISC 14 16:55:51.6, 0.6, 4718S.008.330E.0.3, h10km, n21, 0594Z2, 0.6, 0.4, 11, MS3.6/7, 1C, Prince Edward Islands region

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

Table with columns: Code, Station Name, Az, El, Op, ISC, Time, Res. Includes stations like Vnda, SBA, DBIC, TOAO, TORO, CPUP, ASAR.

NEIC 14 17:22:05.9, 2675S; 7079W, h60km, MD3.4(GUC), After GUC.

GUC 14 17:22:05.9, 0.6, 2675S; 7079W, h60km, 5km, MD3.4, ML3.8, 2C-4D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, El, Op, ISC, Time, Res. Includes stations like CDCH, VACH, LCO, TLL.

NEIC 14 17:35:09.2, 3198S; 7119W, h70km, MD3.8(GUC), After GUC.

GUC 14 17:35:09.2, 1.0, 3198S; 7119W, h70km, 4km, MD3.8, ML3.8, 14C-7D, Near coast of central Chile

Table with columns: Code, Station Name, Az, El, Op, ISC, Time, Res. Includes stations like CHNG, PTCH, CMCH, JACH, ROCH, IHA, PEL, OVCH, OVCH, CLCH, RCDM, ANTU, TACH, TLL, LSCH, MDZ, ZON, CACH, CICH, SFDN, VACH.

IDC 14 17:55:13.4, 0.8, 742N; 7821W, h0km, ML5.5/14, mb1 4.6/14, mb1mx4.5/20, mbtmp4.5/14, mb5.0/1, MS4.0/20, Ms1 4.0/20, ms1mx3.9/27, Error ellipse: s-maj=27.8km s-min=14.6km az=63.0

CASC 14 17:55:14.8, 2.6, 767N; 7822W, h2km, 11km, MW4.3, BUJ 14 17:55:15.8, 7.0N; 7810W, h10km, mb5.5, MS1.1, MSz4.6

GCMT 14 17:55:15.8, 0.4, 769N; 7816W, h12km, MW4.8/6.1, Moment Tensor Solution, s15, c17; s61, c87; Duration: 0 Moment tensor: Scale 10^19Nm; Mir-0.49s; 10; Mm0.25s; 07; Mm0.17s; 10; Mm0.09s; 24; Mm0.12s; 08; Mm0.12s; 27; Best double couple: M2.01500; 10; NP1.1s; 133.00000; 385.00000; 1.2; 0.00000; NP2: phi223.00000, 888.00000, lambda-175.00000. Principal axes:

T 2.2570, P1g2.0000, Azm358.0000; N -0.4790, P1g5.8800, Azm247.0000; P -1.7740, P1g5.0000, Azm88.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. MOS 14 17:55:15.2, 0.753N; 7833W, h13km, mb5.0/18 Error ellipse: s-maj=14.6km s-min=8.2km az=113.9 ISC/JB 14 17:55:15.6, 1.4, 768N; 003.7804W, 0.03, h15km, 9km, mb4.7/61, MS4.1/20, Error ellipse: s-maj=5.7km s-min=4.0km az=70.0 NEIC 14 17:55:15.8, 3.4, 754N; 7812W, h10km, 21km, mb4.8/51, Error ellipse: s-maj=10.4km s-min=4.6km az=50.0 ISC 14 17:55:16.4, 1.3, 753N; 003.7809W, 0.03, h7km, 8km, n272, +094/265, mb4.7/61, MS4.1/20, 56C-42D, Panama

Main table with columns: Code, Station Name, Az, El, Op, ISC, Time, Res. Includes stations like UPDI, UPA, ACH, AZU, ZANG, ZANG, ACLA, PINA, PVA, PND, BRU, ROSC, ROSC, ROSC, CNI, BARC, SDV, SDV, SDV, PCJ, YHA, STH, STH, GWJ, GVJ, TGUH, LMGC, MASO, MOAC, HLG, PCRV, ATAH, SAN, SJG, SJG, SJG, SOR, CMIG, NNA, NNA, SAML, ARE, SKWL, SWET, PLAL, SIV, WVT, WVT, LVC, LVC, LVC, USIN, FVM, FVM, CCM, MNTX, KSU1, JFWS, JFWS, LONY, ANMO, ANMO, BDFB, SDCO, TUC, TUC, CPUP, CPUP, CPUP, CFAA, CFAA, CFAA, ISCO, ISCO, ISCO, PV01, PV01, Z1AA, Z1AA, WUPAKI.

Table with columns: Code, Station Name, Az, El, Op, ISC, Time, Res. Includes stations like WUAZ, X15A, PHWY, PV10, W15A, W14A, X14A, Y13A, W14A, GLA, X13A, PDMC, Y12C, RWWY, W13A, SRU, SRU, RSSD, RSSD, SWSC, IRM, MSU, MSU, MONP, W12A, BELC, PFO, PFO, PFO, PFO, SHOC, DUG, DUG, DUG, DUG, HWC, ULM, ULM, BFSC, BGU, FURC, EDW2, LRMC, RDMW, SNOW, MPMC, LOHW, P12A, TPWA, Q11A, MOOW, MOOW, RRI2, RLMY, FLWY, IMW, IMW, O11A, N12A, GCMT, VCNT, M12A, EAGLE, EAGLE, M11A, O09A, MCMT, FLWD, HLDD, SCHO, SCHO, DLMT, EGMT, EGMT, K09A, K08A, MSO.

Table with columns: ID, Name, Az, El, P, R, Time, Res. Includes stations like Fry Pan Ranch, Mann Creek Ran, Lost Marbles R, etc.

Table with columns: SMF, ORIF, CABF, NB2, NOA, GRF, KHC, BRG, GERS, ARCES, FINES, SNA, AKAS, OBN, MDJ, CNQ, WMQ, BJI, HHC, SSE, WHN, CD2, ASAR, GYA, KMI, PGP, TGY, LUBP, BOAC, POLI, OTRP, AUQP, BUSP, ENPP, WRA, SONM, ASAR, etc.

Table with columns: Code, Station Name, Az, El, P, R, Time, Res. Includes stations like Kakadu, Warramunga Arr, Warramunga Arr, Alice Springs, etc.

NEIC 14 18:06:23.2, 3147S.7166W, h11km, ML2.8(GUC), After GUC.

GUC 14 18:06:23.2, 0.9, 3147S.7166W, h11km, 8km, MD3.7, ML2.8, SC-5D, Near coast of central Chile

Table with columns: Code, Station Name, Az, El, P, R, Time, Res. Includes stations like Los Chungos, Combarbala, Petorca, Tololo Astrono, etc.

IGQ 14 18:42:09.4, 129N.7939W, h12km, Mb4.2, Ms4.0, 3C-5D, Error ellipse: s-maj=6.9km s-min=2.9km az=91.6, Near coast of Ecuador

Table with columns: Code, Station Name, Az, El, P, R, Time, Res. Includes stations like Magdalena, Cotacachi, Yana, Pino, etc.

ISCJB 14 19:03:38.5, 0.3, 2254N.004, 9411E.004, h112km, az=83.6

ISC 14 19:03:40.7, 1.1, 2262N.9450E, h112km, 9km, mb3.6/11, mb1.3.8/11, mb1.3m3.6/22, mbtpm3.3/3, Error ellipse: s-maj=35.7km s-min=12.1km az=58.0

BUJ 14 19:03:40.6, 2280N.9438E, h86km, Mb4.7, mb4.2

NEIC 14 19:03:41.0, 0.3, 2262N.9459E, mb4.3/4, Error ellipse: s-maj=15.9km s-min=5.8km az=60.0

NEIC 14 19:03:40.6, 0.3, 2253N.9456E, 0.04, h113km, h113km, 4.8km, pp-P, ns2, 0144/66, mb4.1/7, 11D, Myanmar

Table with columns: Code, Station Name, Az, El, P, R, Time, Res. Includes stations like Imphal, Agartala, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SHL, CHIANG MAI, CHIANG MAI ARR, etc.

NEIC 14 20:35:00.7, 4272N, 144.88E, h51km, MG3.9(JMA), After JMA.

NEIC Recorded [1 JMA] in eastern Hokkaido. NIED 14 20:35:00.4270N, 144.90E, h32km, Mw3.6 Best double couple: Ms3.40000, 1014 NP1.95, 59.00000, 851.00000, 1.23.00000, NP2.9, 193.00000, 850.00000, 1.56.00000.

ISC 14 20:35:02.2, 4272N, 144.84E, h73km, mb3.8, mb1 3.7/10, mb1mx3.6/23, mbtmp3.9/10, Error ellipse: s-maj=25.0km s-min=20.8km az=23.0

ISC 14 20:35:00.5-0.7, 4272N-005.14493E-006, h51km, 6km, n26, 0.9/32, mb3.8/6, 2C-Z, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JAK, Atkeshi, JOB, Onbets, etc.

NEIC 14 20:35:00.7, 4272N, 144.88E, h51km, 1km, MG3.9 Broadband fault plane solution: P waves. NP1: 85.00000, 1.78.00000, 1.59.00000, NP2: 84.00000, 85.00000, 1.78.00000. Principal axes: T P1g48.00000, Azm26.10000, N P1g12.00000, Azm5.00000; P1g39.00000, Azm10.00000

JMA Felt 1 J1.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CFAA, Coronel Fontan, CFAA, Coronel Fontan, etc.

PGC 14 20:42:50.9, 7148N, 134.53W, h35km, MLSn3.0/3, 328km South-west of Sachs Harbour, Nt, Beaufort Sea.

ISCJCB 14 21:00:12.3, 4.0, 1.4110S, 0.05, 7646W, h10km, mb4.1/15, MS4.2/19, Error ellipse: s-maj=9.4km s-min=6.1km az=115.7

ISC 14 21:00:12.4, 0.9, 1.4135S, 7642W, h0km, mb3.1/12, mb1 4.2/16, mb1mx4.2/23, mbtmp4.1/16, ML3.8/4, MS4.1/22, Ms1.4/122, ms1mx4.0/36, Error ellipse: s-maj=28.2km s-min=13.1km az=59.0

NEIC 14 21:00:18.0, 0.8, 1.4135S, 7638W, h35km, mb4.6/3, Error ellipse: s-maj=17.8km s-min=9.8km az=58.0

ISC 14 21:00:14.2, 0.4, 1.4185S, 0.04, 7649W, h10km, n56, r153/41, mb4.1/15, MS4.2/19, C, Near coast of Peru

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

ISCJCB 14 21:00:46.7, 6992N, 119.80W, h18km, MN2.9/3, 120km southwest from Holman, Nt, Northwest Territories

ISC 14 21:00:46.7, 6992N, 119.80W, h18km, MN2.9/3, 120km southwest from Holman, Nt, Northwest Territories

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JERN, Jerni Cho Mine, JERN, Inuvik, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CFAA, Coronel Fontan, CFAA, Coronel Fontan, etc.

ISC 14 19:37:01.1, 17.0, 2198S, 175.63W, h0km, mb4.3/5, mb1 4.4/5, mb1mx4.0/14, mbtmp4.3/5, MS2.9/1, Ms1 2.9/1, ms1mx2.5/26, Error ellipse: s-maj=325.7km s-min=148.6km az=80.0

ISCJCB 14 19:37:40.4, 2.2, 356S, 0.2, 1797E, 0.4, h75km, 32km, mb4.1/3, Error ellipse: s-maj=62.6km s-min=19.8km az=58.0

WEL 14 19:37:40.6, 0.3, 3532S, 179.19E, h33km, ML3.9/6, Error ellipse: s-maj=6.1km s-min=2.9km az=90.0

ISC 14 19:37:41.2, 2.3, 355S, 0.2, 1796E, 0.4, h59km, 35km, n16, 0.8/116, mb4.0/3, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MXZ, Matakaoa Point, MXZ, Matakaoa Point, etc.

MOS 14 20:34:57.5, 0.6, 4254N, 145.14E, h64km, mb4.4/3, Error ellipse: s-maj=26.1km s-min=15.9km az=82.7

ISCJCB 14 20:34:59.6, 0.7, 4271N, 0.06, 144.94E, h57km, 5km, mb3.8/8, Error ellipse: s-maj=10.8km s-min=5.2km az=114.9

JMA 14 20:35:00.7, 0.1, 4272N, 144.88E, h51km, 1km, MG3.9 Broadband fault plane solution: P waves. NP1: 85.00000, 1.78.00000, 1.59.00000, NP2: 84.00000, 85.00000, 1.78.00000. Principal axes: T P1g48.00000, Azm26.10000, N P1g12.00000, Azm5.00000; P1g39.00000, Azm10.00000

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like RAO Raoul Island, DZM Mont Dzumac, PPT Papeete, URZ Urewera, etc.

ISCJB 14 23:18:35.9;0.4, 6780N;003;2005E;007, h0km, Error ellipse: s-maj=3.9km s-min=3.8km az=43.7

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like TRO Tromso, KALU Kalix, SJIU Sjujarmark, etc.

NNC 14 23:32:15.9;4.7, 4223N;7664E, h0km, mb3.1, mpv3.2, Error ellipse: s-maj=29.9km s-min=12.8km az=163.0

ISCJB 14 23:32:16.7;1.3, 4226N;007;7672E;006, h6km, 7km, Error ellipse: s-maj=12.5km s-min=6.3km az=124.6

KNET 14 23:32:18.5;0.5, 4231N;7655E, h18km, 2km, m3/0, Error ellipse: s-maj=3.4km s-min=3.0km az=105.0

ISC 23:32:17.3;1.4, 4227N;006;7668E;006, h3km, 5km, n13, -081/21, 15C-8D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like UHLH Ulahol, KNDC Knadym, TKM2 Tokmak 2, etc.

ISCJB 14 23:48:28.5;0.4, 4229N;003;169E;003, h14km, 4km, Error ellipse: s-maj=5.2km s-min=3.2km az=140.8

MDD 14 23:48:29.7;0.2, 4223N;172E, h10km, mBLg1/2/12, Error ellipse: s-maj=3.1km s-min=1.8km az=142.0

LDG 14 23:48:29.6;0.1, 4223N;171E, h5km, M11, 8/6, Error ellipse: s-maj=2.2km s-min=1.5km az=179.0

ISC 23:48:28.9;0.5, 4224N;003;171E;003, h16km, 4km, n28, -08/42, Pyrenees

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like CORG 3.1nm, 0.4s, CLLI Livlia, EMIR Miracle, etc.

IDC 14 23:51:22.9;1.5, 1174S;16692E, h0km, mb3.7/5, mb1 3.8/5, mb1mx3.7/13, mbtmp3.7/5, Error ellipse: s-maj=43.3km s-min=36.7km az=111.0

NEIC 14 23:51:29.0;0.9, 1167S;16674E, h35km, mb4.1/5, Error ellipse: s-maj=21.6km s-min=19.7km az=225.0, Santa Cruz Islands

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

NEIC 14 23:58:09.8;0.3, 3144S;7172W, h24km, ML2.9(GUC), After GUC

GUC 14 23:58:09.8;0.3, 3144S;7172W, h24km, 2km, MD3.6, ML2.9, 2C-5D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like CHNG Los Chungos, CMCH Combarbala, CMCH Combarbala, etc.

ISCJB 15 00:01:53.5;0.3, 5085N;002;654E;003, h10km, Error ellipse: s-maj=2.9km s-min=2.0km az=70.1

LDG 15 00:01:54.6.0.1, 5090N-653E, h13km, M2.4/8, Error ellipse: s-maj=0.9km s-min=0.7km az=113.0
 BNS 15 00:01:54.7.0.9, 5090N-653E, h13km, M1.3
 BGR 15 00:01:54.4.0.6, 5089N-660E, h10km, M1.8/4, Error ellipse: s-maj=8.9km s-min=4.4km az=112.0
 UCC 15 00:01:54.8.0.3, 5089N-655E, h13km, M1.4
 CSEM 15 00:01:54.6.0.1, 5089N-652E, h10km, M2.4/7, Error ellipse: s-maj=1.5km s-min=1.3km az=100.0
 ISC 15 00:01:54.1.0.3, 5087N-002.653E, n10km, n51, r=109/91, 6C-5D, Germany

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
BD08	Hambach Funkst	0.02 310	Op Pp	00 01 57.1 +1.2	Pg
BA05	Sindorf	0.10 61	Op Pp	00 01 57.7 +1.0	Pg
BD07	Roetschberg	0.12 511	Op Pp	00 01 57.9 +0.8	Pg
BD07	Roetschberg	0.12 511	Op Pp	00 01 57.9 +0.9	Pg
BD11	Borschemich	0.22 344	Op Pp	00 01 59.3 +0.6	Pg
BD09	Hochneukirch	0.23 350	Op Pp	00 01 59.6 +0.7	Pg
KLL	Kallitaspierre	0.26 212	Op Pp	00 02 00.6 +1.1	Pg
KLL	Kallitaspierre	0.26 212	Op Pp	00 02 04.9 +1.8	Pg
DREG	Dreilaegerbach	0.28 222	Op Pp	00 02 00.9 +1.2	Pg
DREG	Dreilaegerbach	0.28 222	Op Pp	00 02 05.1 +1.6	Pg
STB	Steinbach	0.34 144	Op Pp	00 02 02.2 +1.3	Pg
STB	Steinbach	0.34 144	Op Pp	00 02 06.4 +1.0	Pg
RODG	Roetgen-Dahle	0.35 321	Op Pp	00 02 01.9 +0.8	Pg
HGN	Heimansgroeve	0.39 255	Op Pp	00 02 02.8 +0.9	Pg
HGN	Heimansgroeve	0.39 255	Op Pp	00 02 08.0 +0.9	Pg
MEM	Membach	0.42 232	Op Pp	00 02 03.3 +0.9	Pg
MEM	Membach	0.42 232	Op Pp	00 02 09.4 +1.4	Pg
HOBHG	Hobbehoe	0.52 77	Op Pp	00 02 04.6 +0.3	Pg
BEEN	Eben Ennael	0.55 263	Op Pp	00 02 05.7 +0.9	Pg
BEEN	Eben Ennael	0.55 263	Op Pp	00 02 05.6 +0.9	Pg
LAUG	Laupendahl	0.55 28	Op Pp	00 02 04.1 -0.7	Pg
LAUG	Laupendahl	0.55 28	Op Pp	00 02 11.5 -0.5	Pg
HILG	Hillesheim	0.59 171	Op Pp	00 02 13.4 +0.2	Pg
BUG	Burg	0.74 39	Op Pp	00 02 07.6 -0.8	Pg
BUG	Burg	0.74 39	Op Pp	00 02 17.3 -0.7	Pg
BGG	Burgeitz	0.84 142	Op Pp	00 02 10.8 +0.5	Pg
BGG	Burgeitz	0.84 142	Op Pp	00 02 22.2 +0.9	Pg
BGG	Burgeitz	0.84 142	Op Pp	00 02 10.8 +0.5	Pg
BGG	Burgeitz	0.84 142	Op Pp	00 02 22.2 +0.9	Pg
BCLA	Clavier	0.90 240	Op Pp	00 02 12.2 +0.7	Pg
BCLA	Clavier	0.90 240	Op Pp	00 02 24.2 +1.0	Pg
WTSB	Walterswijk	1.11 9	Op Pp	00 02 15.3 -0.2	Pg
WTSB	Walterswijk	1.11 9	Op Pp	00 02 29.7 -0.2	Pg
WLF	Waiferdange	1.23 191	Op Pp	00 02 18.2 +0.4	Pg
WLF	Waiferdange	1.23 191	Op Pp	00 02 33.9 +0.1	Pg
WLF	Waiferdange	1.23 191	Op Pp	00 02 18.7 +1.3	Pp
WLF	Waiferdange	1.23 191	Op Pp	00 02 38.3 +0.4	Pp
WLF	Waiferdange	1.23 191	Op Pp	00 02 18.6 +1.2	Pp
GIVF	Givet	1.33 235	Op Pp	00 02 16.5 -2.3	Pp
GIVF	Givet	1.33 235	Op Pp	00 02 19.4 -0.3	Pp
GIVF	Givet	1.33 235	Op Pp	00 02 34.1 -2.5	Pp
GIVF	Givet	1.33 235	Op Pp	00 02 37.3 +0.3	Pp
GIVF	Givet	1.33 235	Op Pp	00 02 19.4 -0.3	Pp
GIVF	Givet	1.33 235	Op Pp	00 02 34.1 -2.5	Pp
GIVF	Givet	1.33 235	Op Pp	00 02 37.3 +0.3	Pp
TNS	Tanus Mts	1.39 117	Op Pp	00 02 20.8 +0.1	Pp
TNS	Tanus Mts	1.39 117	Op Pp	00 02 38.0 -0.7	Pp
DOU	Dourbes	1.46 239	Op Pp	00 02 21.4 +0.9	Pp
DOU	Dourbes	1.46 239	Op Pp	00 02 38.3 -1.4	Pp
DOU	Dourbes	1.46 239	Op Pp	00 02 21.3 +0.8	Pp
IBBN	Ibbenburen	1.63 28	Op Pp	00 02 44.9 -1.7	Pp
BAIF	Baives	1.69 242	Op Pp	00 02 22.4 -1.3	Pp
BAIF	Baives	1.69 242	Op Pp	00 02 24.6 +0.8	Pp
BAIF	Baives	1.69 242	Op Pp	00 02 26.4 -0.2	Pp
BAIF	Baives	1.69 242	Op Pp	00 02 42.4 -3.0	Pp
BAIF	Baives	1.69 242	Op Pp	00 02 46.8 -1.7	Pp
BAIF	Baives	1.69 242	Op Pp	00 02 24.5 +0.8	Pp
BAIF	Baives	1.69 242	Op Pp	00 02 26.4 -0.2	Pp
BAIF	Baives	1.69 242	Op Pp	00 02 42.4 -3.0	Pp
BAIF	Baives	1.69 242	Op Pp	00 02 46.8 -1.7	Pp
CDF	Champ du Feu	2.51 169	Op Pp	00 02 33.9 -1.0	Pp
CDF	Champ du Feu	2.51 169	Op Pp	00 02 41.7 -0.5	Pp
CDF	Champ du Feu	2.51 169	Op Pp	00 03 02.6 -3.0	Pp
CDF	Champ du Feu	2.51 169	Op Pp	00 03 14.3 -0.4	Pp
CDF	Champ du Feu	2.51 169	Op Pp	00 02 41.7 -0.5	Pp
CDF	Champ du Feu	2.51 169	Op Pp	00 03 02.6 -3.0	Pp
CDF	Champ du Feu	2.51 169	Op Pp	00 03 14.3 -0.4	Pp
MEZF	Maizieres J'vi	2.56 203	Op Pp	00 02 42.4 -0.7	Pp
MEZF	Maizieres J'vi	2.56 203	Op Pp	00 03 15.7 -0.6	Pp
MEZF	Maizieres J'vi	2.56 203	Op Pp	00 02 42.4 -0.7	Pp
MEZF	Maizieres J'vi	2.56 203	Op Pp	00 03 15.7 -0.6	Pp
CLFZ	Clausthal	2.60 67	Op Pp	00 03 13.3 -4.3	Pp
SFTF	Sextfontaines	2.84 201	Op Pp	00 02 47.6 -0.9	Pp
SFTF	Sextfontaines	2.84 201	Op Pp	00 03 10.3 -3.4	Pp
SFTF	Sextfontaines	2.84 201	Op Pp	00 03 25.0 -0.3	Pp
SFTF	Sextfontaines	2.84 201	Op Pp	00 02 47.6 -0.9	Pp
SFTF	Sextfontaines	2.84 201	Op Pp	00 03 10.3 -3.4	Pp
SFTF	Sextfontaines	2.84 201	Op Pp	00 03 25.0 -0.3	Pp
LOR	Lormes	4.01 207	Op Pp	00 02 54.4 -1.2	Pp
LOR	Lormes	4.01 207	Op Pp	00 03 09.1 -1.8	Pp
LOR	Lormes	4.01 207	Op Pp	00 03 38.2 -4.4	Pp
LOR	Lormes	4.01 207	Op Pp	00 04 01.6 -1.3	Pp
LOR	Lormes	4.01 207	Op Pp	00 03 09.1 -1.8	Pp
LOR	Lormes	4.01 207	Op Pp	00 03 38.2 -4.4	Pp
LOR	Lormes	4.01 207	Op Pp	00 04 01.6 -1.3	Pp
SSF	Saint Saulege	4.30 209	Op Pp	00 02 59.0 -0.6	Pp
FLR	La Foliniere	5.00 248	Op Pp	00 04 01.6 -5.6	Pp
GRR	Gorron	5.41 245	Op Pp	00 03 12.8 -2.0	Pp
GRR	Gorron	5.41 245	Op Pp	00 04 12.0 -5.0	Pp

THE 15 00:03:18.0, 4143N-2047E, h5km, M2.5
 SKO 15 00:03:18.9, 4096N-2027E, h2km, M2.2, ML1.9
 CSEM 15 00:03:19.2, 0.1, 4116N-2034E, h2km, M2.5, Error ellipse: s-maj=5.1km s-min=2.2km az=16.0, Albania

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
OHR	Ohrid	0.35 97	Op Pp	00 03 26.5 +0.6	Pg
OHR	Ohrid	0.35 97	Op Pp	00 03 33.0 +2.5	Pg
OHR	Ohrid	0.35 97	Op Pp	00 03 33.2	Pg
OHR	Ohrid	0.35 97	Op Pp	00 03 33.3	Pg
OHR	Ohrid	0.35 97	Op Pp	00 03 26.3 +0.4	Pg
OHR	Ohrid	0.35 97	Op Pp	00 03 32.7 +2.3	Pg
TIR	Tirane	0.41 298	Op Pp	00 03 27.2 +0.2	Pg
KRUS	Krusevo	0.72 73	Op Pp	00 03 34.8 +2.5	Pg
KRUS	Krusevo	0.72 73	Op Pp	00 03 44.4 +1.4	Pg
KRUS	Krusevo	0.72 73	Op Pp	00 03 45.9 +3.6	Pg
KRUS	Krusevo	0.72 73	Op Pp	00 03 46.7	Pg
KRUS	Krusevo	0.72 73	Op Pp	00 03 34.3 +1.4	Pg
KRUS	Krusevo	0.72 73	Op Pp	00 03 35.3 +0.6	Pg
BIA	Bitola	0.76 100	Op Pp	00 03 32.8 -0.9	Pg
BIA	Bitola	0.76 100	Op Pp	00 03 44.6 +1.1	Pg
BIA	Bitola	0.76 100	Op Pp	00 03 44.7	Pg
BIA	Bitola	0.76 100	Op Pp	00 03 45.1	Pg

comp=E,22nm,0.5s
 BIA Bitola 0.76 100 ePg Pg 00 03 32.9 -0.8
 BIA Bitola 0.76 100 ePg Pg 00 03 44.6 +1.1
 FNA FNA 0.87 115 ePg Pg 00 03 35.2 -0.6
 FNA FNA 0.87 115 ePg Pg 00 03 49.3 +2.2
 IGT Igoumenitsa 1.62 180 ePg Pp 00 03 49.0 -0.9
 IGT Igoumenitsa 1.62 180 ePg Pp 00 04 12.1 +1.4
 LKD Levkas 2.46 174 ePb Sb 00 04 00.2 -0.1

NEIC 15 00:07:06.5, 3144S-7169W, h9km, M3.0(GUC), After GUC
 GUC 15 00:07:06.5, 0.9, 3144S-7169W, h9km, M3.0, MDC3.7, ML3.0, 7C-4D, Near coast of central Chile

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
CHNG	Los Chungos	0.47 160	Op Pp	00 07 16.3 +0.6	Pg
CHNG	Los Chungos	0.47 160	Op Pp	00 07 23.5 +1.6	Pg
CHNG	Los Chungos	0.47 160	Op Pp	00 07 24.7	Pg
CMCH	Combarbala	0.65 66	Op Pp	00 07 19.4 +0.4	Pg
CMCH	Combarbala	0.65 66	Op Pp	00 07 29.1 +1.7	Pg
CMCH	Combarbala	0.65 66	Op Pp	00 07 30.4	Pg
CMCH	Combarbala	0.65 66	Op Pp	00 07 19.4 +0.4	Pg
CMCH	Combarbala	0.65 66	Op Pp	00 07 29.1 +1.7	Pg
OVCH	Ovalle	0.93 27	Op Pp	00 07 23.8 -0.5	Pg
OVCH	Ovalle	0.93 27	Op Pp	00 07 36.9 +0.5	Pg
OVCH	Ovalle	0.93 27	Op Pp	00 07 39.5	Pg
OVCH	Ovalle	0.93 27	Op Pp	00 07 23.8 -0.5	Pg
OVCH	Ovalle	0.93 27	Op Pp	00 07 36.9 +0.5	Pg
PTCH	Petorca	1.05 142	Op Pp	00 07 25.5 -1.2	Pg
PTCH	Petorca	1.05 142	Op Pp	00 07 40.0 -0.2	Pg
PTCH	Petorca	1.05 142	Op Pp	00 07 43.2	Pg
PTCH	Petorca	1.05 142	Op Pp	00 07 25.5 -1.2	Pg
PTCH	Petorca	1.05 142	Op Pp	00 07 40.0 -0.2	Pg
TLL	Tololo Astrono	1.48 31	Op Pp	00 07 33.1 -0.1	Pp
TLL	Tololo Astrono	1.48 31	Op Pp	00 07 52.9 +0.2	Pp
TLL	Tololo Astrono	1.48 31	Op Pp	00 07 33.1 -0.1	Pp
TLL	Tololo Astrono	1.48 31	Op Pp	00 07 52.9 +0.2	Pp
JACH	Jahuel	1.55 143	Op Pp	00 07 34.6 +0.3	Pp
JACH	Jahuel	1.55 143	Op Pp	00 07 54.9 +0.4	Pp
ROCH	Ei Roble	1.64 160	Op Pp	00 07 57.7 +1.1	Pp
PEL	Feldehue	1.90 154	Op Pp	00 07 38.8 -0.3	Pp
PEL	Feldehue	1.90 154	Op Pp	00 08 03.5 +0.4	Pp
PEL	Feldehue	1.90 154	Op Pp	00 08 12.9	Pp
PEL	Feldehue	1.90 154	Op Pp	00 07 38.8 -0.3	Pp
PEL	Feldehue	1.90 154	Op Pp	00 08 03.5 +0.4	Pp
PCML	Rinconada Maip	2.18 160	Op Pp	00 07 43.4 +0.5	Pp
CLCH	Cerro Calan	2.18 154	Op Pp	00 07 43.7 +0.7	Pp
CLCH	Cerro Calan	2.18 154	Op Pp	00 08 12.8 +2.6	Pp
CLCH	Cerro Calan	2.18 154	Op Pp	00 08 18.3	Pp

ISCJB 15 00:21:34.9, 3.7, 84S-03, 1192E, 0.3, h104km, 37km, mb3.5/2, Error ellipse: s-maj=68.0km s-min=14.7km az=103.3

NEIC 15 00:21:44.3, 4.3, 819S, 11967E, h173km, 48km, mb4.2/1, Error ellipse: s-maj=95.1km s-min=22.8km az=48.0
 IDC 15 00:21:46.5, 3.1, 838S, 11952E, h198km, 34km, mb3.2/3, mb1.3/2.5, mb1mx3.1/1.7, mbtm3.3/7.5, Error ellipse: s-maj=91.0km s-min=13.5km az=50.0
 ISC 15 00:21:45.3, 2.6, 83S, 04, 1196E, 0.5, h183km, 31km, n8, 0, 31/12, mb3.5/2, Flores region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
FITZ	Fitzroy Crossi	11.40 150	Op Pp	00 24 22.8 -0.1	Pp
FITZ	Fitzroy Crossi	11.40 150	Op Pp	00 26 23.6 -6.0</	

Table with multiple columns containing station names, coordinates, and various data points. The table is organized into several vertical sections, each starting with a station name and followed by its details and associated data.

Table of station data for 15d 1h, including columns for station name, coordinates, elevation, and various parameters like SNR and frequency.

Table of station data for 2006 OCT, including columns for station name, coordinates, elevation, and various parameters like SNR and frequency.

Table of station data for 2006 OCT, including columns for station name, coordinates, elevation, and various parameters like SNR and frequency.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like CAF Calviac, EAFON La Jonquera, RJF Les Rejaudoux, etc.

IDC 15 01:39:54.4:1.0, 985S:15958E, h0km, mb4.1/5, mb1 4.3/5, mb1mx4.1/13, mbtmp4.1/5, MS3.1/2, Ms1 3.1/2, ms1mx2.7/22, Error ellipse: s-maj=36.3km s-min=8.1km az=133.0

ISCJB 15 01:39:55.3:2.6, 99S:02:1598E:0.3, h2km, mb2km, mb3.9/5, MS3.2/1, Error ellipse: s-maj=45.6km s-min=13.3km az=132.0

NEIC 15 01:39:58.3:1.4, 968S:16001E, h35km, mb3.9/2, Error ellipse: s-maj=40.5km s-min=16.8km az=116.0

ISC 15 01:39:56.2:2.7, 99S:02:1598E:0.3, h10km, 19km, n14, o065/13, mb3.9/5, MS3.2/1, 1D, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like HNR Honiara, HNR Honiara, PMG Port Moresby, etc.

NEIC 15 01:44:57.0:0.7, 3145S:7170W, h10km, ML3.4(GUC), After GUC

GUC 15 01:44:57.0:0.7, 3145S:7170W, h10km, ML3.4(GUC), Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like CHNG Los Chungos, CMCH Combarbala, CMCH Combarbala, etc.

IDC 15 01:45:04.6:1.0, 183N:9754E, h0km, mb4.2/10, mb1 4.3/10, mb1mx4.0/22, mbtmp4.2/10, Error ellipse: s-maj=35.8km s-min=14.8km az=54.0

NEIC 15 01:45:09.8:0.5, 188N:9765E, h35km, mb4.5/2, Error ellipse: s-maj=12.4km s-min=8.5km az=51.0

ISCJB 15 01:45:12.8:2.7, 21N:01:1979E:0.2, h74km, 21km, mb4.2/12, Error ellipse: s-maj=27.5km s-min=14.0km az=128.5

ISC 15 01:45:13.0:3.0, 20N:01:978E:0.2, h58km, 24km, n16, o044/17, mb4.3/12, 1D, Northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like PSI Prapat, KULM Kulum, NACB Ninganchiao, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like CHKZ Chkalovo, FINES FINESS Array B, KAF Kangsaniey, etc.

BUJ 15 02:20:12.0, 5410N:16427W, h6km, mb4.6, mb4.5, Ms4.6, Ms4.4

NEIC 15 02:20:18.0, 5410N:16427W, h7km, mb3.8/1, ML3.9(AEIC), ML4.3(PMR), After AEIC., Unimak Island region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like AKUT Akutan, AKLV Akutan Long Va, SAND Point, etc.

TRN 15 02:48:25.7, 1769N:6062W, h10km, MD4.0, Md4.7(FDF)

ISCJB 15 02:48:30.4:0.8, 1758N:006:6083W:0.06, h10km, mb3.9/6, MS3.4/2, Error ellipse: s-maj=10.1km s-min=6.5km az=92.2

IDC 15 02:48:30.8:1.1, 1757N:6082W, h0km, mb3.9/4, mb1 4.1/6, mb1mx3.7/23, mbtmp4.0/6, ML2.7/1, MS3.1/4, ms1mx2.8/32, Error ellipse: s-maj=24.5km s-min=16.2km az=85.0

NEIC 15 02:48:31.3:3.1, 1771N:6089W, h5km, 17km, mb3.7/2, Error ellipse: s-maj=21.6km s-min=17.7km az=221.0

ISC 15 02:48:32.4:0.8, 1746N:006:6088W:0.06, h10km, n26, o1912/27, mb3.9/6, MS3.4/2, Leeward Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like CPB Coddington, BPA Boggy Peak, DES La Desirade, etc.

IDC 15 03:09:49.8:2.5, 3669N:6848E, h0km, mb3.7/4, mb1 3.9/7, mb1mx3.5/23, mbtmp3.8/7, ML3.1/3, Error ellipse: s-maj=47.6km s-min=24.2km az=145.0

ISCJB 15 03:09:52.6:2.0, 3693N:007:683E:0.1, h34km, 23km, mb3.6/3, Error ellipse: s-maj=16.8km s-min=7.7km az=113.9

NNC 15 03:09:54.9:7.0, 3740N:6813E, h0km, mb3.4, mpv3.1, Error ellipse: s-maj=68.4km s-min=28.2km az=5.0

MOS 15 03:09:55.0:1.3, 371N:6836E, h36km, mb3.6/1, Error ellipse: s-maj=31.2km s-min=10.8km az=83.7

NEIC 15 03:09:56.3:1.6, 3707N:6839E, h36km, mb3.4/2, Error ellipse: s-maj=25.5km s-min=14.2km az=152.0

ISC 15 03:09:53.0:3.1, 3685N:006:681E:0.09, h29km, 27km, n32, o123/35, mb3.7/3, 4C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like AML Almayashu, EKSE Erkin-Say, UCH Uchtor, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like AB31 comp=2.2, MKAR Makanchi Array, MKAR Makanchi Array, etc.

MDD 15 03:19:23.6:0.8, 3952N:788W, h0km, 6km, mbLg.1.77, Error ellipse: s-maj=9.5km s-min=4.0km az=103.0, PRXIMO

INMG 15 03:19:23.8:1.7, 3951N:786W, h11km, 5km, ML1.6, Error ellipse: s-maj=4.1km s-min=2.9km az=101.0, Portugal

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like PCBR Castelo Branco, PESTR Estremoz, MTE Manteigas, etc.

SZGRF 15 03:20:43.1, 2163S:17819W, h33km, Fiji Islands region

ISCJB 15 03:21:40.1:1.1, 2021S:009:1779W:0.10, h504km, 15km, mb4.1/20, Error ellipse: s-maj=17.4km s-min=10.6km az=93.3

NEIC 15 03:21:43.2:1.0, 2022S:17783W, h539km, 10km, mb4.5/12, Error ellipse: s-maj=14.5km s-min=8.9km az=146.0

BUJ 15 03:21:43.1, 2020S:17780W, h539km, mb4.7, mb4.5, ISC 15 03:21:47.8:2.1, 2014S:17808W, h579km, 23km, mb3.4/10, mb1 3.6/11, mb1mx3.5/16, mbtmp4.4/11, Error ellipse: s-maj=20.8km s-min=11.8km az=157.0

ISC 15 03:21:42.2:1.3, 3027S:010:1792W:0.10, h515km, 16km, n101, o069/39, mb4.1/20, 4D, Fiji Islands region

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, H m s, Res. Includes stations like AKASG Malin Array B, MALT Malatya, BSEG Bad Segeberg, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, H m s, Res. Includes stations like PLCA Paso Flores, PLCA Hockley, HKT Hockley, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, H m s, Res. Includes stations like DUG Dugway, TCUT Toone Canyon, CWC Cottonwood Cre, etc.

MOS 15 04:48:15.8:0.7, 926S:7880W, h33km, mb5.0/45, Error ellipse: s-maj=11.7km s-min=7.7km az=94.2

ISCJB 15 04:48:17.0:0.2, 923S:04-784W, 0.04, h50km, mb4.8/115, MS4, 0/25, Error ellipse: s-maj=7.5km s-min=3.7km az=82.7

NEIC 15 04:48:18.9:0.2, 937S:7883W, mb4.9/99, Error ellipse: s-maj=6.0km s-min=3.3km az=53.0

NEIC Felt [I] at Chimbote. IDC 15 04:48:19.2:0.6, 947S:7893W, h54km, 5km, mb4.3/17, mb1.4/21, mb1mx4.3/26, mbtmp4.5/21, MS3, 8/22, Ms1.3/822, ms1mx3.7/34, Error ellipse: s-maj=11.3km s-min=6.1km az=73.0

BUI 15 04:48:19.8, 940S:7880W, h49km, mB5.2, Ms3.5, Msz4.8 ISC 15 04:48:19.9:0.4, 947S:04-784W, 0.04, h52km, h52km, 9km; p-P, n430, -0573/386, mb4.8/115, MS4, 0/25, h2C-46D, Near coast of northern Peru

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, H m s, Res. Includes stations like ATAH Atahualpa, ATAH Nana, NNA Nana, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, H m s, Res. Includes stations like PLCA Paso Flores, PLCA Hockley, HKT Hockley, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, H m s, Res. Includes stations like DUG Dugway, TCUT Toone Canyon, CWC Cottonwood Cre, etc.

Table with columns: ID, Name, Time, Status, and other details. Includes entries like K08A Mann Creek Ran, M06C Likely Place G, J09A Fry Pa Ranch, etc.

Table with columns: ID, Name, Time, Status, and other details. Includes entries like PPT Papeete, A05A Maple Falls, B04A Port Angeles, etc.

Table with columns: ID, Name, Time, Status, and other details. Includes entries like SGMF Saint Gilles, EBIE Bleisa, EPF Esparrros, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like La Plagne, Kesra, Davos, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TRN 15 05:02:39.5, 1763N-6229W, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like INMG 15 05:49.8, 1.5, 4240N-814W, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like STKA, ASAR, WRA, FITZ, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IDC 15 05:35:27.8, 1.5, 3841N-3189E, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MALT, CFR, VLS, MTR, etc.

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

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

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IDC 15 05:59:27, 1.3, 2, 1130S-6667E, etc.

IDC 15 06:14:38.01.6, 31405.7155W, h0km, mb4.5/4, mb1 4.2/8, mb1mx3.9/18, mbtmp4.1/8, ML4.0/4, MS3.9/1, Mst1 3.8/1, ms1mx2.8/22, Error ellipse: s-maj=52.1km s-min=22.8km az=105.0

ISCJB 15 06:14:40.6.0.6, 31475.002-71.98W, az=07, h23km, mb4.3/5, Error ellipse: s-maj=8.3km s-min=3.1km az=3.6

NEIC 15 06:14:42.2.3149S:71.75W, h23km, mb4.3/3, ML4.4(GUC), After GUC.

GUC 15 06:14:42.2.0.9, 3149S:71.75W, h23km, 3km, MD3.3, ML4.4

ISC 15 06:14:39.3.0.9, 3146E:002-71.9W, 007, h5km, 4km, n51, -0.98/66, mb4.3/5, 11C-11D, Near coast of central Chile

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Rows include CHNG, CMCH, OVCH, PACH, PTCH, TLL, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Rows include DSCH, SAN, CLCH, LACH, FCH, TACH, ANTU, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Rows include LCO, CHCH, CACH, PDZ, MDZ, CICH, CFAA, LVC, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Rows include SIV, DBFC, WRA, ASAR, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Rows include ZRNC, CHKZ, ZAL, MKAR, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Rows include BIDA, HAWK, MARH, HTY, etc.

MEX 15 06:23:25.1.0.8, 1782N:9995W, h20km, 11km, MD3.5, Guerrero

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Rows include MEIG, ACX, UTMO, etc.

ISCJB 15 06:35:55.4.1.4, 3529S:007-179.3W, 0.1, h40km, 11km, mb4.2/7, MS4.1/2, Error ellipse: s-maj=18.8km

IDC 15 06:35:58.7.2.5, 3517S:179.25W, h58km, 21km, mb4.0/5, Mst1 4.2/7, mb1mx3.9/14, mbtmp4.3/7, ML4.1/2, MS3.9/3, Mst1 3.9/3, ms1mx3.2/25, Error ellipse: s-maj=26.8km

NEIC 15 06:35:58.5.0.7, 3531S:179.31W, mb4.4/3, Error ellipse: s-maj=17.8km s-min=10.8km az=115.0

ISC 15 06:35:55.2.1.9, 3527S:006-179.5W, 0.1, h22km, 14km, n49, -0.137/52, mb4.2/7, MS4.1/2, 1.C, East of North Island

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Rows include MXZ, MUZ, PUK, MATA, URU, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Rows include URZ, KUZ, KNO, KNC, KNZ, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Rows include RPZ, DZM, CTA, AS31, ASAR, etc.

ISCJB 15 07:01:51.0.0.4, 2861S:002-706.1W, 0.09, h94km, 5km, mb4.0/8, Error ellipse: s-maj=12.5km s-min=3.9km az=12.0

GUC 15 07:01:51.5.1.1, 0.2860S:706.7W, h96km, 8km, ML4.7, IDC 15 07:01:52.6.0.7, 2868S:707.2W, h88km, 4km, mb3.8/4, mb1 3.9/6, mb1mx3.9/6, mbtmp4.1/6, Error ellipse: s-maj=26.8km s-min=13.2km az=66.0

NEIC 15 07:01:52.0.0.4, 2861S:707.6W, h86km, 4km, mb4.4/3, Error ellipse: s-maj=11.8km s-min=4.8km az=97.0

ISC 15 07:01:52.0.0.4, 2859S:002-706.6W, 0.09, h88km, 5km, h94km, 8km:pp-P, n42, -0.09/49, mb4.0/8, 4C-4D, Central Chile

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Rows include VACH, CPCH, LSCH, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Rows include TLL, OVCH, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Rows include PLCA, SIV, BDFB, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Rows include SNA, WRA, PDAR, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Rows include TOR, ASAR, WRA, etc.

ISCJB 15 07:32:26.7.1.0, 2596S:010-179.4E, 0.1, h51km, 14km, mb3.9/5, Error ellipse: s-maj=15.5km s-min=15.0km az=34.9

IDC 15 07:32:27.1.1.3, 2595S:179.44E, h51km, 15km, mb3.2/4, mb1 3.8/8, mb1mx3.3/16, mbtmp4.4/8, Error ellipse: s-maj=26.8km s-min=13.2km az=169.0

NEIC 15 07:32:27.2.1.0, 2596S:179.47E, h51km, 13km, mb4.0/2, Error ellipse: s-maj=18.9km s-min=13.3km az=187.0

ISC 15 07:32:27.6.1.0, 2606S:010-179.4E, 0.1, h51km, 13km, n16, -0.07/19, mb3.8/5, South of Fiji Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Rows include RAO, RAO, URZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA, QSPA, NVAR, ARCES, NB2, NORASR, AKASG, NOAG.

IDC 15 07:40:12.6:1.0, 980S:15954E, h0km, mb3.8/4, mb1 4.0/5, mb1mx3.9/14, mbtm3.5/5, ML3.2/1, MS3.5/1, Ms1 3.5/1, ms1mx2.6/24, Error ellipse: s-maj=36.1km s-min=8.1km az=138.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HNR, DZM, CTA, WRA, ASAR, VNSA, MKAR.

IDC 15 07:48:00.6:7.4, 1921S:16823E, h248km, s36km, mb3.6/4, mb1 3.7/5, mb1mx3.4/13, mbtm4.2/5, Error ellipse: s-maj=93.2km s-min=65.9km az=78.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM, CTA, WB2, WRA, ASAR, ASPA, FITZ.

ISCBJ 15 07:59:01.6:4.6, 38S:03:1533E, 0.1, h75km, 30km, mb4.1/6, Error ellipse: s-maj=58.8km s-min=15.5km az=154.8

NEIC 15 07:59:04.6:2.6, 383S:15329E, h84km, 17km, mb4.5/3, Error ellipse: s-maj=36.3km s-min=13.4km az=176.0

IDC 15 07:59:07.8:6.6, 381S:15307E, h97km, 60km, mb3.8/4, mb1 4.0/5, mb1mx3.6/15, mbtm4.2/5, ML3.5/1, MS3.3/1, Ms1 3.3/1, ms1mx2.7/23, Error ellipse: s-maj=69.3km s-min=45.8km az=104.0

ISC 15 07:59:03.4:4.1, 37S:04:1533E, 0.1, h79km, 25km, n12, 0:31/11, mb4.2/6, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG, HNR, WB2, WRA, ASAR, STKA, FITZ, FORT, QSPA, TORO.

IDC 15 08:01:25.3:2.2, 3141S:17759W, h0km, mb4.2/5, mb1 4.3/7, mb1mx4.1/15, mbtm4.2/7, ML3.1/1, Error ellipse: s-maj=51.4km s-min=25.0km az=118.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RAO, URZ, CTA, STKA, ASAR, FITZ, WRA, KAF, FINES, NB2, AKASG.

INMG 15 08:19:31.6:1.4, 3696N:495W, h3km, 2km, ML2.4, Error ellipse: s-maj=2.1km s-min=1.4km az=6.0

MDD 15 08:19:31.8:0.2, 3695N:494W, h5km, 3km, mbLg2.3/26, 4C-1D, Error ellipse: s-maj=2.5km s-min=1.8km az=147.0, PRXIMO, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LJJA, EMJ, REAL, ELOJ, ELOJ.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EJIF, EJIF, ESPR, ELUO, ELUO.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GIBL, GIBL, GIBL, ERON, SCRT, SCRT, EGUA, EGUA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ECGO, ECGO, EQUE, EQUE, EADA, EADA.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EBER, EBER, EQES, EQES, EQES, EQES.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EHUE, EHUE, EGRO, EGRO, EGRO, EGRO.

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MOE, MOE, ETOB, ETOB, ETOB, ETOB.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PVIS, PVIS, ETOR, ETOR, ETOR, ETOR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PBRG, ECAL, ECAL, ECAL.

NEIC 15 08:21:41.2:31, 40S:7163W, h13km, ML2.8(GUC), After GUC

GUC 15 08:21:41.2:0.7, 3140S:7163W, h13km, 5km, MD3.6, ML2.8, 4C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHNG, CHNG, CHNG, CMCH, CMCH, CMCH.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMCH, CMCH, PTCH, PTCH, TLL, TLL.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TLL, TLL, JACH, JACH, JACH, JACH.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TACH, TACH, PGP, PGP, TGY, TGY.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BOAC, BOAC, LUBP, LUBP, POLP, POLP.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OTRP, OTRP, BOSP, BOSP, PGP, PGP.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TGY, TGY, LUBP, LUBP, BOAC, BOAC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like POLP, POLP, OTRP, OTRP, MOS, MOS.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BUI, BUI, ISCBJ, ISCBJ, NEIC, NEIC.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHANG, CHANG, CHTO, CHTO, KSM, KSM.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TRD, TRD, VIS, VIS, VIS, VIS.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HYB, HYB, HYB, HYB, IMP, IMP.

Table with columns: KMI, Kunming, 23.72, 22, P, P, 08 56 47.4 +0.7, etc. Lists various stations and their coordinates and status.

Table with columns: ZAL, comp=Z, 1.4nm, 0.4s, baz=309, slow=4.1, SNR=17, etc. Lists various stations and their coordinates and status.

Table with columns: BRG, comp=Z, 2.0nm, 0.9s, mb4.0, etc. Lists various stations and their coordinates and status.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. MEX 15 08:52:02.0.3, 1644N, 9851W, h24km±11km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. GUC 15 08:55:41.0.0.8, 3091S, 7162W, h62km±8km, MD3.7, ML3.8, 4C-7D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. MAN 15 09:03:47.2, 1363N, 12090E, h1km, mb2.3, ML3.9, MS3.4, 1D, Mindoro

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. ISCBF 15 09:12:41.5.0.8, 2455N, 1005E, h214km±6km, mb4.3/57, Error ellipse: s-maj=8.9km s-min=7.8km az=171.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Volcano Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. JHHU Haha-jima-NKT, 2.29 23 P, etc.

15d 11h

Table with columns: ARU, eS, S, 10 08 43.1 -10, 10 09 00.7, etc. Lists various stations and their parameters.

2006 OCT

Table with columns: TORO, 75.27 274 P, P, 10 11 47.7 -0.7, etc. Lists stations like TORO Torodi Ar. Bea, WRAB Tennant Creek, etc.

544

Table with columns: MKAR, 43.87 303 P, P, 11 06 35.4 +0.8, etc. Lists stations like MKAR Makanchi Array, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Ytir, Masada, MZDA, MASH, RTMI, SVTA, etc.

NEIC 15 12:26:21.2, 3856Sx17880E, h52km, ML3.8(WEL), After WEL

WEL 15 12:26:23.1 0.5, 3850S, 17857E, h12km, ML3.6/9, 1C. Error ellipse: s-maj=4.0km s-min=1.7km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Puz, MWZ, KNZ, MXZ, URZ, etc.

PRU 15 12:34:51.9, 4415N, 2077E, h0km

ISCJB 15 12:34:53.0 0.5, 4432N, 2070E, h0km, 4km. Error ellipse: s-maj=4.3km s-min=3.7km az=170.6

NEIC 15 12:34:53.6, 4418N, 2057E, h15km, ML2.5(BRA), ML3.3(BUC), After BUC

CSEM 15 12:34:53.4 0.1, 4426N, 2071E, h15km, ML3.3, Error ellipse: s-maj=2.6km s-min=2.2km az=37.0

BEO 15 12:34:54.6 0.7, 4427N, 2076E, h5km, 2km

ISC 15 12:34:53.9 0.6, 4428N, 2002E, 2070E, h6km, 5km, n50, 0.92Z, 16C-14D, Northwest Hawaiian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SVIS, DIVS, BEOS, BZS, BARS, GZR, etc.

MAN 15 12:47:52.1, 1866N, 12077E, h27km, mb2.0, ML3.7, MS3.1, 1D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ABRA, SGCP, CVP, etc.

NEIC 15 12:58:04.0, 5736N, 15566W, h72km, ML2.9(AEIC), ML3.6(PMR), After AEIC, Alaska Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KDGK, CHGN, SDPT, etc.

ISCJB 15 13:08:13.7 0.7, 2757S, 009.1781W, 02, h232km, 9km, mb3.4/6, Error ellipse: s-maj=26.6km s-min=10.7km az=42.7

ISC 15 13:08:16.6 1.2, 2783S, 17831W, h231km, 9km, mb3.1/4, mb1.3/4, 4km, mb1mx3.3/1, mbtmp3.7/4, Error ellipse: s-maj=30.3km s-min=21.5km az=61.0

NEIC 15 13:08:16.4 1.1, 2775S, 17830W, h231km, 9km, mb3.8/3, Error ellipse: s-maj=24.5km s-min=16.0km az=59.0

ISC 15 13:08:15.3 0.9, 2775S, 01.1781W, 02, h229km, 9km, n16, 0.653/16, mb3.4/6, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like RAO, RAO, RAO, URZ, AFI, etc.

ISC 15 13:14:23.0 1.9, 028S, 12506E, h0km, mb3.2/3, mb1 3/4/3, mb1mx3.3/15, mbtmp3.3/3, Error ellipse: s-maj=188.5km s-min=26.8km az=64.0, Southern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like WRA, ASAR, MKAR, etc.

ISC 15 13:22:19.6 4.8, 1858N, 14737E, h0km, mb3.5/3, mb1 3/7/3, mb1mx3.4/17, mbtmp3.5/3, MS4.1/1, Ms1 4.1/1, ms1mx2.8/24, Error ellipse: s-maj=294.0km s-min=36.1km az=93.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PMG, WRA, ASAR, etc.

BUI 15 13:34:27.5, 627S, 14595E, h56km, mb5.3, mb4.6, Ms4.9, Ms3.9

MOS 15 13:34:29.5 1.1, 569S, 14546E, h33km, mb4.7/6, Error ellipse: s-maj=18.4km s-min=9.0km az=93.3

ISCJB 15 13:34:30.6 1.7, 586S, 006.14558E, h46km, 16km, mb4.5/25, MS3.8/4, Error ellipse: s-maj=13.8km s-min=10.2km az=157.4

ISC 15 13:34:32.0 0.3, 0.585S, 14553E, h42km, 31km, mb4.0/10, mb1 4.2/12, mb1mx4.1/15, mbtmp4.3/12, ML3.6/2, MS3.6/5, Ms1 3.7/5, ms1mx3.3/25, Error ellipse: s-maj=28.6km s-min=16.3km az=86.0

NEIC 15 13:34:33.8 1.8, 593S, 14544E, h57km, 17km, mb4.4/8, Error ellipse: s-maj=15.9km s-min=12.2km az=75.0

ISC 15 13:34:33.7 1.5, 591S, 007.14562E, h68km, 15km, n62, 0.999/60, mb4.5/25, MS3.8/4, 6C-3C, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PMG, WRA, CTA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like AS31, ASAR, ASPA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like FITZ, STKA, STKA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ASAJ, KMI, KMI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CM31, XAN, XAN, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SBA, BILL, BILL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MK31, MKAR, ZAL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ZAL, NVS, AAK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MAW, GSPA, COLA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SYO, YBH, KHC, etc.

Table with columns: LKD, Levkas, 2.75 285 ePn, Pn, 13 47 33.6 +1.8, etc.

IDC 15 13:50:44.1+10.0, 2030S:17811W, h58km, 9.4km, mb3.1/4, mb1 3.3/5, mb1mx3.0/14, mbtmp4.1/5, Error ellipse: s-maj=113.3km s-min=80.2km az=136.0

NEIC 15 13:50:45.0+3.9, 2011E-17819W, h569km, 9.4km, mb3.9/2, 1D, Error ellipse: s-maj=45.4km s-min=28.2km az=219.0, Fiji Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

IDC 15 13:54:21.3+10.0, 1976S:6921W, h0km, mb4.0/2, mb1 4.1/2, mb1mx3.6/15, mbtmp4.1/2, Error ellipse: s-maj=968.3km s-min=71.8km az=0.0, Northern Chile

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

CSEM 15 14:10:41.2, 6785N:2021E, h0km, ML2.9, Mining explosion, After UPP

HEL 15 14:10:42.1+0.2, 6782N:2019E, h0km, ML2.0, ML2.9(UPP), Suspected explosion, Sweden

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

IDC 15 14:21:01.8+5.9, 996S:12049E, h0km, mb4.1/1, mb1 3.5/4, mb1mx3.4/14, mbtmp3.3/4, ML3.0/3, Error ellipse: s-maj=145.2km s-min=69.0km az=51.0, Sumba region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

IDC 15 15:06:53.2+1.8, 223N:9681E, h0km, mb3.8/5, mb1 4.0/6, mb1mx3.7/20, mbtmp3.8/6, ML3.2/1, MS3.2/1, MS1 3.2/1, ms1mx2.5/28, Error ellipse: s-maj=52.8km s-min=20.8km az=54.0

NEIC 15 15:06:57.8+0.7, 225N:9688E, h30km, mb3.8/2, Error ellipse: s-maj=14.4km s-min=8.6km az=51.0

ISCJB 15 15:07:00.4+4.8, 24N:02:97.1E:03, h64km, 37km, mb4.1/8, Error ellipse: s-maj=14.4km s-min=13.2km az=106.1

ISC 15 15:07:02.4+5.0, 24N:02:97.1E:03, h62km, 39km, mb4.1/8, +0.27/18, mb4.1/8, Northern Sumatra

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

NEIC 15 15:28:56.4, 3143Sx7168W, h9km, ML2.6(GUC), After GUC

GUC 15 15:28:56.4+0.8, 3143Sx7168W, h9km, 4km, MD3.5, ML2.6, 7C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

Table with columns: CHNG, Los Chungos, 0.48 161 iP, Pg, 15 29 06.5 +0.7, etc.

IGQ 15 15:34:11.6, 011S:7850W, h8km, 3km, Mb4.2, Ms4.0, 5C-13D, Error ellipse: s-maj=1.3km s-min=0.7km az=56.2, Ecuador

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

YANA Yana, 0.07 263 iP, Pg, 15 34 13.8 +0.3, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

BJI 15 15:39:16.5, 2220Sx17020E, h33km, mb5.2, mb4.7, Ms5.3, Ms2.5

LDG 15 15:39:16.3+0.5, 2103Sx17008E, h10km, Mb4.8/2, Ms4.3/10, Error ellipse: s-maj=56.7km s-min=5.8km az=153.0

SZGRF 15 15:39:17.5, 2216S:17085E, h33km, Southeast of Loyalty Islands

IDC 15 15:39:17.4+3.7, 2216S:17027E, h29km, 23km, mb4.2/11, mb1 4.1/13, mb1mx4.3/16, mbtmp4.4/13, ML4.5/2, MS4.1/17, Ms1 4.1/17, ms1mx4.0/26, Error ellipse: s-maj=21.9km s-min=17.8km az=52.0

ISCJB 15 15:39:18.3+1.9, 2226S:007:170.15E:009, h51km, 15km, mb4.7/28, MS4.1/15, Error ellipse: s-maj=15.4km s-min=9.2km az=105.7

MOS 15 15:39:18.0+0.1, 9.2234S:16998E, h33km, mb5.0/10, Error ellipse: s-maj=16.3km s-min=11.5km az=38.9

GCMT 15 15:39:19.5+0.3, 2238S:17026E, h22km, 1km, MW5.1/77, Moment Tensor Solution, s37,c45; s77,c115; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=0.94±.21; Mw=3.06±.15; Mw3.99±.17; Mw0.81±.25; Mw2.95±.11; Mw1.54±.25; Best double couple: Mw0.837000/0.1016 NP1:0.33400000, 0.67600000, 1.17300000. NP2: 0.6600000, 0.88300000, 1.14000000. Principal axes: T 5.5220, P15.0000, Azm92.0000; N -1.3770, P15.0000, Azm19.0000; P -4.1510, P15.0000; Azm199.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 15 15:39:19.5+1.5, 2222S:170.16E, h44km, 12km, mb4.9/14 Error ellipse: s-maj=11.2km s-min=6.9km az=57.0

BGS 15 15:39:20.6, 2222S:170.16E, h44km, mb4.9(NEIC)

ISC 15 15:39:19.1+1.8, 2223S:007:170.23E:009, h45km, 14km, h34km, 6.6km, p-P, n168, s151/59, mb4.7/28, MS4.1/15, 10C-8D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc.

Table with columns: AS31, Alice Springs, 33.42 260 eP, P, 15 45 53.1 -0.4, etc.

ASAR Alice Springs, 33.42 260 eP, P, 15 45 53.6 +0.1, etc.

ASAR Alice Springs, 33.42 260 eP, P, 15 45 53.7 +0.2, etc.

ASAR Alice Springs, 33.42 260 eP, P, 15 45 53.8 +0.1, etc.

ASAR Alice Springs, 33.42 260 eP, P, 15 45 53.8 +0.1, etc.

ASAR Alice Springs, 33.42 260 eP, P, 15 45 53.7 +0.2, etc.

ASAR Alice Springs, 33.42 260 eP, P, 15 45 53.8 +0.1, etc.

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ASAR Alice Springs, 33.42 260 eP, P, 15 45 53.8 +0.1, etc.

TAOE	comp-Z,327um,26.0s,baz=341	eLR	LR	17 22 50.8
FARB	Farallon Islan baz=34, SNR=7.5	33.79	51	↑P P
FARB	baz=34			↑S S
MCCM	Marconi Confer comp-Z,360nm,1.1s,mb6.2	34.05	51	eP P
MCCM	Marconi Confer baz=34, SNR=14	34.05	51	↑P P
MCCM	baz=34			↑S S
SAC	San Andreas	34.17	52	eP P
BNLO	Ben Lomond (Sa baz=34, SNR=14)	34.19	53	↑P P
BNLO	baz=34			↑S S
O01C	Eel River Cons baz=34	34.22	47	↑P P
O01C	baz=34			↑S S
JRSC	Jasper Ridge baz=34, SNR=20	34.24	52	eP P
JRSC	baz=34			↑S S
HOPS	Hopland comp-Z,852nm,1.4s,mb6.5	34.25	49	eP P
HOPS	baz=34			↑S S
HOPS	Hopland comp-Z,207um,22.0s,MS6.8	34.25	49	↑P P
HOPS	baz=34, SNR=47			↑S S
P01C	Double 8 Ranch baz=34, SNR=74	34.26	48	↑P P
P01C	baz=34			↑S S
KIPM	Iron Peak	34.31	47	eP P
JCC	Jacoby Creek baz=34, SNR=42	34.38	46	↑P P
JCC	baz=34			↑S S
HAST	UC Hastings Re baz=34, SNR=47	34.41	54	↑P P
HAST	baz=34			↑S S
CVS	Carment Viney baz=34, SNR=62	34.43	50	↑P P
CVS	baz=34			↑S S
V03C	Hunter Liggett baz=34, SNR=41	34.53	55	↑P P
V03C	baz=34			↑S S
KHMM	Horse Mountain	34.61	46	eP P
SAO	San Andreas Ge	34.61	54	eP P
SAO	comp-Z,596nm,1.1s,mb6.4			MLR MLR
SAO	comp-Z,165nm,20.0s,MS6.8			MLR MLR
SAO	San Andreas Ge	34.61	54	eP P
SAO	comp-Z,596nm,1.1s,mb6.4			MLR MLR
SAO	comp-Z,165nm,20.0s,MS6.8			MLR MLR
MNRC	McLaughlin Nat baz=34, SNR=100	34.65	50	↑P P
MNRC	baz=34			↑S S
WENL	Wente Brothers	34.68	52	↑P P
WENL	baz=34			↑S S
V04C	Ramage Ranch, baz=34, SNR=24	34.70	56	↑P P
V04C	baz=34			↑S S
BDM	Black Diamond baz=35, SNR=22	34.72	51	↑P P
BDM	baz=35			↑S S
GASB	Alder Springs baz=35, SNR=108	34.77	48	↑P P
GASB	baz=35			↑S S
KRMB	Red Mountain	34.80	45	eP P
M01C	Crescent City baz=35, SNR=32	34.81	44	↑P P
M01C	baz=35			↑S S
PACP	Pacheco Peak baz=35, SNR=131	34.82	53	↑P P
PACP	baz=35			↑S S
LRV	Little Rabbit	34.83	54	eP P
UNV	Unalaska Valle UNV	34.83	349	PFKAE LR
N02C	Big Bar comp-Z,274um,21.0s,MS7.0	34.88	46	↑P P
N02C	baz=35, SNR=196			↑S S
KBO	Bosley Butte	34.92	43	eP P
O02C	Red Bluff baz=35, SNR=275	34.95	47	↑P P
O02C	baz=35			↑S S
AKUT	Akutan comp-Z,993nm,1.0s,mb6.7	34.99	350	eP P
PKD	Parkfield baz=35, SNR=81	35.05	55	↑P P
PKD	baz=35			↑S S
K01A	Sixes baz=35	35.07	42	↑P P
K01A	baz=35			↑S S
SNCC	San Nicolas Is comp-Z,0.8nm,1.2s	35.15	60	eP P
SNCC	comp-Z,152um,20.0s			LR LR
SNCC	San Nicolas Is	35.15	60	↑P P
SNCC	baz=35, SNR=7.7			↑S S
KEBM	Edson Butte	35.19	42	eP P
PTRM	Twissleman Ran Santa Cruz Isl	35.22	56	eP P
BSC	baz=35, SNR=18	35.23	59	↑P P
BSC	baz=35			↑S S
T05C	Eagle Field, D baz=35, SNR=5.8	35.24	54	↑P P
T05C	baz=35			↑S S
SUTB	Sutter Butte baz=35, SNR=29	35.26	49	↑P P
SUTB	baz=35			↑S S
SBC	Santa Barbara baz=35, SNR=15	35.28	58	↑P P
SBC	baz=35			↑S S
SMCC	Simmler baz=35, SNR=29	35.28	57	↑P P
SMCC	baz=35			↑S S
WDC	Whiskeytown Da	35.29	47	eP P
WDC	comp-Z,361nm,1.3s,mb6.1			MLR MLR
WDC	comp-Z,184um,22.0s,MS6.8			MLR MLR
WDC	Whiskeytown Da	35.29	47	eP P
WDC	comp-Z,361nm,1.3s,mb6.1			MLR MLR
WDC	comp-Z,184um,22.0s,MS6.8			MLR MLR
WDC	Whiskeytown Da	35.29	47	eP P
WDC	comp-Z,361nm,1.3s,mb6.1			MLR MLR
WDC	comp-Z,184um,22.0s,MS6.8			MLR MLR
LO2A	Cave Junction baz=35, SNR=72	35.30	44	↑P P
LO2A	baz=35			↑S S
PKM	Peak Mountain baz=35, SNR=80	35.31	57	↑P P
PKM	baz=35			↑S S
O03C	Acorn Hollow,	35.40	48	↑P P

O03C	baz=35, SNR=30			↑S S
Q04C	Lincoln baz=35, SNR=20	35.40	50	↑P P
Q04C	baz=35			↑S S
M02C	Callahan baz=35, SNR=133	35.44	45	eP P
M02C	baz=35			↑S S
U05C	Westside ANR, baz=35, SNR=12	35.49	55	↑P P
U05C	baz=35			↑S S
R04C	Big Horse Ranc baz=35, SNR=15	35.51	51	↑P P
R04C	baz=35			↑S S
OHCM	Honcut	35.52	49	eP P
V05C	Boulder Hill, baz=35, SNR=8.4	35.52	56	↑P P
V05C	baz=35			↑S S
SDPT	Sand Point	35.56	356	eP P
ORV	Oroville comp-Z,2um,1.7s,mb6.8	35.59	49	eP P
ORV	baz=36, SNR=177			↑S S
PMOR	Pomariorio Re comp-Z,128nm,1.1s,mb5.8	35.59	166	eP P
S05C	Merced baz=36	35.65	53	↑P P
S05C	baz=36			↑S S
K02A	Glendale baz=36, SNR=60	35.67	43	↑P P
K02A	baz=36			↑S S
YBH	Yre Blue Hor comp-Z,23nm,0.5s,baz=215,slow=18,SNR=5.1	35.69	45	T P
YBH	Yreka Blue Hor comp-Z,81nm,1.1s	35.69	45	eP P
YBH	comp-Z,124um,22.0s,MS6.6			MLR MLR
YBH	Yreka Blue Hor comp-Z,81nm,1.1s,mb5.6	35.69	45	eP P
YBH	comp-Z,124um,22.0s,MS6.6			MLR MLR
YBH	Yreka Blue Hor baz=36, SNR=357	35.69	45	↑P P
YBH	baz=36			↑S S
LAVA	Lava Cap Winer baz=36, SNR=183	35.84	51	eP P
LAVA	baz=36			↑S S
CMB	Columbia Cole	35.84	52	eP P
CMB	comp-Z,141nm,1.1s,mb5.8			MLR MLR
CMB	comp-Z,160um,20.0s,MS6.8			MLR MLR
CMB	Columbia Cole	35.84	52	eP P
CMB	comp-Z,141nm,1.1s,mb5.8			MLR MLR
CMB	comp-Z,160um,20.0s,MS6.8			MLR MLR
CMB	Columbia Cole	35.84	52	eP P
CMB	comp-Z,242nm,0.6s,baz=53,slow=22,SNR=7.9			↑S S
VAH	Vaithoa comp-Z,186nm,1.1s,mb5.9	35.88	166	eP P
VAH	comp-Z,186nm,1.1s,mb5.9			↑S S
SCI	San Clemente I	35.89	61	↑P P
SCI	baz=36, SNR=19			↑S S
J02A	Umpqua baz=36, SNR=23	35.92	42	↑P P
J02A	baz=36			↑S S
HUMO	Hull Mountain comp-Z,760nm,1.8s,mb6.3	35.94	43	eP P
HUMO	comp-Z,148um,22.0s,MS6.7			LR LR
HUMO	Hull Mountain	35.94	43	↑P P
HUMO	baz=36, SNR=92			↑S S
LHEM	Herd Peak	35.97	45	eP P
T06C	Millerton Lake baz=36, SNR=166	36.01	54	eP P
T06C	baz=36			↑S S
I02A	Mapleton baz=36, SNR=22	36.09	41	↑P P
I02A	baz=36			↑S S
CIS	Catina Islan baz=36, SNR=30	36.10	60	↑P P
CIS	baz=36			↑S S
OSI	Osito Adit baz=36, SNR=21	36.12	58	↑P P
OSI	baz=36			↑S S
HATC	Hat Creek Radi baz=36, SNR=76	36.13	47	↑P P
HATC	baz=36			↑S S
YES	Vestal, Richgr baz=36, SNR=149	36.15	56	eP P
YES	baz=36			↑S S
ARVC	Arvin baz=36, SNR=46	36.16	57	↑P P
ARVC	baz=36			↑S S
RCTC	Rector, Farmer baz=36, SNR=9.2	36.16	55	↑P P
RCTC	baz=36			↑S S
O05C	Quincy baz=36, SNR=40	36.16	49	↑P P
O05C	baz=36			↑S S
S06C	San Francisco baz=36	36.19	52	↑P P
S06C	baz=36			↑S S
O04C	Chester baz=36, SNR=109	36.19	48	eP P
O04C	baz=36			↑S S
FMP	Fort Macarthur baz=36	36.26	60	↑P P
FMP	baz=36			↑S S
M04C	Macdoel baz=36, SNR=101	36.29	45	eP P
M04C	baz=36			↑S S
R05C	Kirkwood Meado baz=36, SNR=148	36.30	51	eP P
R05C	baz=36			↑S S
J03A	Ideyld Park baz=36, SNR=55	36.30	42	↑P P
J03A	baz=36			↑S S
H02A	Toledo baz=36	36.34	40	↑P P
H02A	baz=36			↑S S
DECC	Green Verdugo baz=36, SNR=14	36.34	59	↑P P
DECC	baz=36			↑S S
KCC	Kaiser Creek baz=36, SNR=129	36.41	54	↑P P
KCC	baz=36			↑S S
CHGN	Chignik	36.41	358	eP P
I03A	Eugene baz=36, SNR=21	36.41	41	↑P P
I03A	baz=36			↑S S

HELL	Mitchell Peak, baz=36	36.44	55	↑P P
HELL	baz=36			↑S S
BEKR	Beavowrth baz=36, SNR=82	36.52	49	eP P
BEKR	baz=36			↑S S
ELFS	Eagle Lake Fie baz=36	36.56	48	↑P P
ELFS	baz=36			↑S S
M05C	Lookout baz=36	36.58	46	↑P P
M05C	baz=36			↑S S
ISA	Isabella comp-Z,1.8nm,1.4s	36.58	57	eP P
ISA	comp-Z,37um,20.0s			LR LR
ISA	Isabella baz=36, SNR=350	36.58	57	eP P
ISA	baz=36			↑S S
R06C	Coleville baz=37, SNR=288	36.70	52	eP P
R06C	baz=37			↑S S
COR	Corvallis	36.71	40	PFKAE LR
COR	comp-Z,128um,22.0s,MS6.7			LR LR
K04A	Chiquito baz=37, SNR=13	36.74	44	↑P P
K04A	baz=37			↑S S
WCN	Washoe City baz=37, SNR=158	36.75	50	eP P
WCN	baz=37			↑S S
H03A	Soap Creek Ran baz=37, SNR=16	36.77	40	↑P P
H03A	baz=37			↑S S
EDW2	Edwards Air Fo baz=37, SNR=183	36.77	58	↑P P
EDW2	baz=37			↑S S
P06A	Stead Airport, baz=37, SNR=25	36.78	50	↑P P
P06A	baz=37			↑S S
R07C	Lee Vining baz=37, SNR=127	36.85	52	eP P
R07C	baz=37			↑S S
MLAC	Mammoth Lakes baz=37, SNR=67	36.87	53	↑P P
MLAC	baz=37			↑S S
BFSC	Mount Baldy St baz=37, SNR=54	36.88	59	eP P
BFSC	baz=37			↑S S
AMKA	Amchitka	36.89	334	eP P
AFI	Afiamaul	36.94	206	eP P
AFI	comp-Z,49nm,0.7s,mb5.4,baz=52,slow=18,SNR=3.6			PP PP
AFI	comp-Z,75nm,0.5s,baz=358,slow=12,SNR=9.4			S S
AFI	comp-Z,22nm,0.6s,baz=53,slow=22,SNR=7.9			LR LR
AFI	comp-Z,54um,19.5s,MS6.3,baz=351,slow=31			LR LR
AFI	Afiamaul	36.94	206	eP P
AFI	comp-Z,49nm,0.7s,mb5.5			S pmax
AFI	comp-Z,75nm,0.5s,mb5.8			pmax pmax
AFI				

MPMC	baz=37	↑S	S	17 20 45.1	-3.8		
P07A	Fallon	37.46	50	↓P	P	17 15 00.5	+0.6
P07A	baz=37, SNR=18	↑S	S	17 20 44.8	-4.2		
BBRC	Big Bear Sol-O	37.49	59	↓P	P	17 15 00.3	+0.1
BBRC	baz=37, SNR=13	↓S	S	17 20 44.8	-4.6		
NVAR	Mina Array Bea	37.52	52	P	P	17 15 00.5	0.0
NVAR	comp=Z, 1.38nm, 1.2s, mb5.6, baz=248, slow=9.3, SNR=174	PCP	PCP	17 17 20.9	+2.3		
NVAR	comp=Z, 1.0nm, 0.8s, baz=71, slow=4.0, SNR=7.3	PKP	PKP	17 45 25.5			
NVAR	Mina Array Bea	37.52	52	P	P	17 15 00.5	0.0
NVAR	baz=37, SNR=10	PCP	PCP	17 17 20.9	+2.3		
G04A	Mulino	37.53	40	↑P	P	17 15 01.0	+0.4
G04A	baz=37	↓S	S	17 20 48.6	-1.5		
RRX	Edison Barstow	37.56	58	↓P	P	17 15 00.5	-0.3
RRX	baz=37, SNR=10	↓S	S	17 20 45.9	-4.5		
E03A	Lebam	37.62	37	↓P	P	17 15 02.1	+0.8
E03A	baz=38, SNR=16	↑S	S	17 20 50.3	-1.1		
MONP	Monument Peak	37.63	62	P	P	17 15 01.5	+0.1
MONP	baz=38, SNR=125	↑S	S	17 20 48.4	-3.2		
R08A	Mina	37.64	52	↓P	P	17 15 01.5	+0.1
R08A	baz=38, SNR=56	↑S	S	17 20 50.1	-1.6		
O07A	Toulon	37.69	49	P	P	17 15 02.5	+0.6
O07A	baz=38, SNR=203	↑S	S	17 20 49.6	-2.8		
PFO	Pinyon Flat Ob	37.73	61	P	P	17 15 02.4	+0.1
PFO	comp=Z, 2.1um, 1.2s, mb6.6, SNR=47	eP	eP	17 15 01.9	-0.4		
PFO	Pinyon Flat Ob	37.73	61	eP	eP	17 15 01.9	-0.4
PFO	comp=Z, 5.36nm, 1.3s, mb6.1	MLR	MLR				
PFO	comp=Z, 6.1um, 19.0s	LR	LR				
PFO	Pinyon Flat Ob	37.73	61	eP	eP	17 15 01.9	-0.4
PFO	baz=38, SNR=110	↓S	S	17 20 51.2	-1.9		
PPT	Papeete	37.76	170	eP	eP	17 15 04.4	+1.9
PPT	comp=Z, 2.77nm, 1.4s, mb5.8	eS	eS	17 20 55.1	+1.5		
PPT	Papeete	37.76	170	eS	eS	17 20 55.1	+1.5
PPT	comp=Z, 5.9um, 26.2s	eLQ	eLQ	17 23 09.7			
PPT	comp=Z, 1.35um, 26.0s, baz=350	eLR	LR	17 25 18.0			
PPT	Papeete	37.76	170	P	P	17 15 04.0	+1.5
PPT	comp=Z, 1.35nm, 1.0s, mb5.7, baz=60, slow=6.3, SNR=5.9	LR	LR	17 26 56.7			
PPT	comp=Z, 4.0um, 19.9s, MS6.2, baz=351, slow=30	T	T	17 54 39.1			
PPT	comp=Z, 1.11nm, 0.3s, baz=11, slow=23, SNR=4.3	P	P	17 15 04.0	+1.5		
PPT	Papeete	37.76	170	LR	LR	17 26 56.7	
GRAC	Grapevine Rang	37.80	55	P	P	17 15 03.3	+0.5
GRAC	baz=38, SNR=265	↑S	S	17 20 51.9	-2.2		
K06A	Valley Falls	37.80	45	↓P	P	17 15 03.6	+0.8
K06A	baz=38, SNR=148	↓S	S	17 20 54.5	+0.4		
GSC	Goldstone	37.81	58	eP	eP	17 15 02.7	-0.2
GSC	Goldstone	37.81	58	P	P	17 15 02.9	-0.1
GSC	baz=38, SNR=186	↑S	S	17 20 52.4	-1.9		
D03A	Wishkah Elem.	37.82	37	↑P	P	17 15 04.8	+1.8
D03A	baz=38, SNR=7.5	↑S	S	17 20 55.9	+1.4		
N07B	Getlach	37.85	48	↑P	P	17 15 04.0	+0.7
N07B	baz=38	↑S	S	17 20 55.9	+1.0		
PAE	Paea	37.85	170	eP	eP	17 15 04.9	+1.6
PAE	comp=Z, 2.77nm, 1.0s, mb5.0	eP	eP	17 15 04.9	+1.6		
PAE	Paea	37.85	170	eP	eP	17 15 04.9	+1.6
PAE	comp=Z, 2.77nm, 1.0s, mb5.9	pmx	pmx				
DVTC	Desert Tower	37.86	62	↑P	P	17 15 03.3	-0.1
DVTC	baz=38, SNR=50	↑S	S	17 20 53.7	-1.3		
C03A	Quillayute Air	37.87	35	↓P	P	17 15 04.7	+1.3
C03A	baz=38	↓S	S	17 20 56.3	+1.1		
Q08A	Gabbs	37.93	52	P	P	17 15 04.1	+0.1
Q08A	baz=38, SNR=352	↑S	S	17 20 55.9	-0.2		
KDAK	Kodiak Island	37.94	3	P	P	17 15 05.6	+1.6
KDAK	comp=Z, 1.1um, 1.0s, mb5.5, SNR=12	P	P	17 15 04.8	+0.8		
KDAK	Kodiak Island	37.94	3	P	P	17 15 04.8	+0.8
KDAK	comp=Z, 1.11nm, 0.9s, mb5.6, baz=200, slow=6.9, SNR=40	PP	PP	17 16 38.7	+8.1		
KDAK	comp=Z, 1.47nm, 0.9s, baz=165, slow=10, SNR=5.8	S	S	17 20 58.5	+2.2		
KDAK	comp=Z, 5.5nm, 0.9s, baz=288, slow=20, SNR=2.2	LR	LR	17 27 35.9			
KDAK	comp=Z, 1.10um, 20.4s, MS6.6, baz=199, slow=32	LR	LR	17 53 48.2			
KDAK	comp=Z, 3.1nm, 0.4s, baz=178, slow=12, SNR=4.1	P	P	17 15 05.0	+1.0		
KDAK	Kodiak Island	37.94	3	eP	eP	17 15 05.0	+1.0
KDAK	comp=Z, 3.50nm, 0.9s, mb6.1	LR	LR				
M07A	Soldier Meadow	37.95	47	↑P	P	17 15 04.6	+0.6
M07A	baz=38, SNR=147	↑S	S	17 20 56.7	+0.3		
F04A	Amboy	37.95	39	↓P	P	17 15 04.7	+0.6
F04A	baz=38, SNR=17	↑S	S	17 20 55.4	-1.0		
H05A	Nadras	38.02	42	↑P	P	17 15 07.0	+1.0
H05A	baz=38, SNR=90	↓S	S	17 20 57.0	-0.5		
TVO	Taravao	38.03	169	eP	eP	17 15 06.7	+1.9
TVO	comp=Z, 4.44nm, 1.2s, mb5.1	eP	eP	17 15 06.7	+1.9		
TVO	Taravao	38.03	169	eP	eP	17 15 06.7	+1.9
TVO	comp=Z, 4.44nm, 1.2s, mb6.1	pmx	pmx				
FURC	Furnace Creek	38.05	56	↓P	P	17 15 05.1	+0.1
FURC	baz=38, SNR=112	↑S	S	17 20 56.4	-1.6		
J06A	Christmas Vall	38.06	44	P	P	17 15 05.7	+0.7
J06A	baz=38, SNR=219	↓S	S	17 20 56.7	-1.4		
L07A	Adell	38.08	46	↑P	P	17 15 05.9	+0.7
L07A	baz=38, SNR=169	↓S	S	17 20 59.3	+0.9		
HEC	Hector Ludlow	38.08	59	↑P	P	17 15 04.6	-0.7
HEC	baz=38, SNR=85	↓S	S	17 20 56.6	-1.9		
P08A	Dixie Valley	38.10	50	↓P	P	17 15 05.5	+0.2
P08A	baz=38, SNR=32	↑S	S	17 21 00.8	+2.1		
S09A	Goldfield	38.11	54	P	P	17 15 05.5	0.0
S09A	baz=38, SNR=226	↓S	S	17 20 57.4	-1.4		

E04A	Onalaska	38.13	38	↑P	P	17 15 06.5	+0.9
E04A	baz=38, SNR=12	↓S	S	17 20 59.9	+0.8		
SWSC	Sam W. Stewart	38.16	62	↑P	P	17 15 05.3	-0.5
SWSC	baz=38, SNR=51	↑S	S	17 20 57.7	-1.9		
BELC	Belle Mtn.	38.18	60	↓P	P	17 15 06.0	-0.1
BELC	baz=38, SNR=199	↓S	S	17 20 59.3	-0.6		
TPH	Tonopah	38.22	53	eP	eP	17 15 06.2	-0.2
TPH	comp=Z, 1.1um, 1.9s, mb6.4	pmx	pmx				
TPH	comp=Z, 1.27um, 21.0s, MS6.7	MLR	MLR				
TPH	Tonopah	38.22	53	eP	eP	17 15 06.2	-0.2
TPH	comp=Z, 1.1um, 1.9s, mb6.4	LR	LR				
O08A	Rochester Mine	38.25	49	↑P	P	17 15 07.2	+0.5
O08A	baz=38	↑S	S	17 21 00.6	-0.4		
G05A	Wamic	38.26	41	↑P	P	17 15 07.1	+0.4
G05A	baz=38, SNR=30	↑S	S	17 21 00.9	-0.2		
I06A	Prineville	38.34	43	P	P	17 15 08.5	+1.1
I06A	baz=38, SNR=185	↓S	S	17 21 02.4	+0.2		
D04A	Dobbs Creek Ra	38.36	37	↑P	P	17 15 09.2	+1.6
D04A	baz=38, SNR=13	↓S	S	17 21 04.3	+1.6		
SHOC	Shoshone	38.37	57	↑P	P	17 15 07.6	0.0
SHOC	baz=38, SNR=53	↓S	S	17 21 02.9	+0.2		
R09A	Tonopah	38.38	53	P	P	17 15 07.8	0.0
R09A	baz=38, SNR=100	↓S	S	17 21 03.5	+0.6		
K07A	Rock Creek Ran	38.42	45	P	P	17 15 08.8	+0.7
K07A	baz=38, SNR=276	↓S	S	17 21 04.1	+0.5		
N08A	GE Springer Mi	38.44	49	P	P	17 15 08.8	+0.5
N08A	baz=38, SNR=201	↑S	S	17 21 03.7	-0.2		
Q09A	Carvers	38.48	52	↑P	P	17 15 08.9	+0.4
Q09A	baz=38, SNR=23	↑S	S	17 21 04.4	0.0		
F05A	White Salmon	38.50	40	↑P	P	17 15 09.3	+0.6
F05A	baz=38, SNR=57	↓S	S	17 21 07.2	+2.6		
B04A	Port Angeles	38.51	36	↑P	P	17 15 10.1	+1.3
B04A	baz=38, SNR=29	↑S	S	17 21 05.5	+0.7		
M08A	Happy Creek Ra	38.52	48	↓P	P	17 15 09.4	+0.5
M08A	baz=38, SNR=122	↑S	S	17 21 05.8	+0.8		
TUQ	Turquoise Mtn.	38.54	58	P	P	17 15 09.1	0.0
TUQ	baz=38, SNR=310	↑S	S	17 21 04.8	-0.6		
BC3	Big Chuck Mtn	38.56	61	P	P	17 15 09.2	-0.1
BC3	baz=38, SNR=177	↑S	S	17 21 06.4	+0.7		
C04A	Brinnon	38.61	36	↑P	P	17 15 10.9	+1.2
C04A	baz=38, SNR=46	↑S	S	17 21 06.8	+0.5		
J07A	Hines	38.67	44	↓P	P	17 15 10.8	+0.7
J07A	baz=38, SNR=52	↓S	S	17 21 07.6	+0.3		
G06A	Carlson Farm,	38.68	41	↓P	P	17 15 10.9	+0.7
G06A	baz=38, SNR=44	↓S	S	17 21 08.7	+1.3		
WVOR	Wild Horse Val	38.73	46	eP	eP	17 15 11.0	+0.4
WVOR	comp=Z, 4.94nm, 0.8s, mb6.3	pmx	pmx				
WVOR	comp=Z, 7.9um, 20.0s, MS6.5	MLR	MLR				
WVOR	Wild Horse Val	38.73	46	eP	eP	17 15 11.0	+0.4
WVOR	comp=Z, 4.94nm, 0.8s, mb6.3	LR	LR				
P09A	Austin	38.74	51	↑P	P	17 15 11.1	+0.4
P09A	baz=39, SNR=34	↑S	S	17 21 09.5	+1.2		
L08A	Fields	38.83	47	↑P	P	17 15 12.1	+0.6
L08A	baz=39, SNR=233	↑S	S	17 21 10.8	+1.1		
I07A	Izee	38.85	43	P	P	17 15 12.8	+1.1
I07A	baz=39, SNR=230	↓S	S	17 21 11.6	+1.5		
D05A	Enumclaw	38.87	38	↑P	P	17 15 13.2	+1.3
D05A	baz=39, SNR=51	↑S	S	17 21 10.0	-0.4		
PGC	Sidney	38.88	35	eP	eP	17 15 12.8	+0.8
PGC	comp=Z, 2.1um, 1.4s, mb6.6	P	P	17 15 12.6	+0.5		
N09A	Rock Creek Ran	38.90	49	↑P	P	17 21 11.4	+0.6
N09A	baz=39, SNR=104	↓S	S	17 21 12.5	+0.4		
O09A	Fish Creek Ran	38.90	50	P	P	17 15 11.4	+0.5
O09A	baz=39, SNR=168	↑S	S	17 21 11.4	+0.5		
IRM	Iron Mountain	38.90	60	P	P	17 15 11.7	-0.5
IRM	baz=39, SNR=201	↑S	S	17 21 11.7	+0.8		
BBB	Bella Bella	38.93	27	T	T	17 55 31.0	
BBB	comp=Z, 4.4nm, 0.4s, baz=143, slow=11, SNR=6.5	P	P	17 15 13.2	+0.7		
K08A	Mann Creek Ran	38.95	46	↑P	P	17 21 13.3	+1.8
K08A	baz=39, SNR=249	↓S	S	17 21 13.3	+1.8		
BMN	Battle Mountai	38.97	50	eP	eP	17 15 12.9	+0.2
BMN	comp=Z, 4.26nm, 1.1s, mb6.1	pmx	pmx				
BMN	Battle Mountai	38.97	50	eP	eP	17 15 12.9	+0.2
BMN	comp=Z, 4.26nm, 1.1s, mb6.1	P	P	17 15 13.0	+0.2		
R10A	Warm Springs	38.97	53	↓P	P	17 21 10.3	-1.5
R10A	baz=39, SNR=240	↓S	S	17 21 10.3	-1.5		
GLA	Glamis	38.98	62	eP	eP	17 15 12.6	-0.2
GLA	baz=39, SNR=128	eP	eP	17 15 12.9	+0.1		
GLA	Glamis	38.98	62	P	P	17 21 11.3	-0.7
GLA	baz=39	↓S	S	17 21 11.3	-0.7		
V11A	Goodsprings	39.02	57	↑P	P	17 15 13.2	+0.1
V11A	baz=39	↓S	S	17 21 11.5	-1.1		
H07A	Lands Inn, Kim	39.04	42	P	P	17 15 14.1	+0.8
H07A	baz=39, SNR=219	↑S	S	17 21 14.2	+1.2		
E06A	Yakima	39.12	39	↑P	P	17 15 14.9	+1.0
E06A	baz=39, SNR=123	↓S	S	17 21 15.4	+1.3		
M09A	Marrel Ranch,	39.16	48	↓P			

M11A	baz=40,SNR=61	↑S	S	17 21 33.8 +1.6	NEW	comp=Z,63µm,20.0s,MS6.5	LR	LR		EGAK	Eagle	45.97	9	eP	P	17 16 10.0 +0.4		
P12A	McGill	40.36	52	P	17 15 24.6 +0.3	TUC	Tucson	42.27	64	P	RLMT	Red Lodge	46.02	46	eP	P	17 16 10.2 +0.2	
P12A	baz=40,SNR=140	↑S	S	17 21 33.5 +0.9	TUC	comp=Z,887nm,1.7s,mb6.1	LR	pmax		ANMO	Albuquerque	46.11	60c	/P	P	17 16 10.6 -0.2		
WRAK	Wrangell Island	40.57	20	eP	17 15 27.2 +1.2	TUC	comp=Z,107µm,20.0s,MS6.7	MLR	MLR	ANMO	Albuquerque	46.11	60	eP	P	17 16 10.3 -0.4		
Z14A	Wintersburg	40.59	62	↑P	17 15 25.8 -0.3	TUC	comp=Z,887nm,1.7s,mb6.1	LR	LR	ANMO	Albuquerque	46.11	60	eP	P	17 16 10.3 -0.4		
Z14A	baz=40	↑S	S	17 21 36.6 +0.6	SKAG	comp=Z,107µm,20.0s,MS6.7	LR	LR		ANMO	Albuquerque	46.11	60	eP	P	17 16 10.3 -0.4		
F09A	S2 Ranch, Elgi	40.59	42	↑P	17 15 26.6 +0.4	SKAG	comp=Z,140nm,0.9s,mb5.6	LR	LR	TNA	Tin City	46.32	353	PFAKE	LR	17 16 20.0 +7.6		
F09A	baz=40,SNR=95	↑S	S	17 21 38.1 +1.9	SKAG	comp=Z,94µm,22.0s,MS6.6	LR	LR	TNA	comp=Z,334µm,20.0s,MS6.3	46.59	51	eP	P	17 16 13.2 -1.3			
D08A	Wollman Farm	40.60	39	P	17 15 26.9 +0.6	A10A	Northport	42.34	38	↑P	EGMT	Eagleton	46.65	42	eP	P	17 16 14.1 -0.8	
D08A	baz=40,SNR=135	↓S	S	17 21 37.7 +1.4	A10A	baz=42,SNR=33	↑S	S	17 22 02.0 -0.1	EGMT	comp=Z,6.3nm,0.2s,mb5.2	46.65	42	↓P	LR	17 16 14.1 -0.8		
B07A	Winthrop	40.62	37	P	17 15 26.9 +0.5	LPIG	La Paz	42.55	76	P	EGMT	Eagleton	46.65	42	↓P	LR	17 16 14.3 -0.7	
B07A	baz=40,SNR=75	↑S	S	17 21 37.5 +1.0	LPIG	comp=Z,211nm,1.2s,mb5.8,ba=264,slow=2.8,SNR=10	LR	LR	17 28 30.9	EGMT	comp=Z,65µm,22.0s,MS6.5	46.65	42	↓P	S	17 23 03.2 -1.4		
Y14A	Wickenburg	40.62	61	↓P	17 15 26.0 -0.4	LPIG	La Paz	42.55	76	P	EDM	Edmonton	46.72	34	eP	P	17 16 14.4 -1.2	
Y14A	baz=40,SNR=76	↓S	S	17 21 36.5 -0.1	LPIG	comp=Z,136µm,21.5s,MS6.8,ba=270,slow=29	LR	LR	17 15 41.6 -0.6	MNTX	Cornudas Mount	46.81	65	eP	P	17 16 15.5 -0.7		
N12A	Clover Valley	40.68	50	P	17 15 27.4 +0.6	HVU	Hansel Valley	42.58	49	eP	EDM	Edmonton	46.72	34	eP	P	17 16 15.5 -0.7	
N12A	baz=40,SNR=126	↑S	S	17 21 38.1 +0.7	HVU	comp=Z,789nm,1.0s,mb5.4	eP	P	17 15 42.4 -0.1	SDCO	Great Sand Sun	47.20	57	eP	P	17 16 18.9 -0.4		
O12A	Currie	40.71	51	↑P	17 15 27.4 +0.2	HVU	comp=Z,789nm,1.0s,mb5.4	eP	P	17 15 42.6 +0.1	SDCO	comp=Z,767nm,1.1s,mb5.5	47.20	57	eP	LR	17 16 18.9 -0.4	
O12A	baz=41	↑S	S	17 21 37.5 -0.4	MPU	Maple Canyon	42.92	52	eP	17 15 45.2 -0.1	ISCO	comp=Z,122µm,20.0s,MS6.9	47.42	54	eP	LR	17 16 20.4 -0.6	
W14A	Seligman	40.77	59	P	17 15 27.6 0.0	C12A	Trout Creek	42.98	40	↑P	17 15 45.1 -0.6	ISCO	comp=Z,137nm,1.0s,mb5.8	47.42	54	eP	pmax	17 16 20.4 -0.6
W14A	baz=41,SNR=94	↓S	S	17 21 38.7 -0.1	C12A	baz=43,SNR=53	↓S	S	17 22 09.1 -2.3	ISCO	comp=Z,169µm,21.0s,MS7.0	47.42	54	eP	MLR	17 16 20.4 -0.6		
X14A	Yava	40.80	60	↑P	17 15 27.6 -0.3	CTU	Camp Tracy	43.02	51	eP	17 15 46.0 0.0	ISCO	comp=Z,137nm,1.0s,mb5.8	47.42	54	eP	P	17 16 20.4 -0.6
X14A	baz=41,SNR=99	↓S	S	17 21 38.9 -0.3	TMUT	Trail Mountain	43.08	53	eP	17 15 47.0 +0.4	RKT	Rikitea	47.46	153	eS	LR	17 23 16.9 +0.7	
SLKM	Skilak Lake	40.80	4	eP	17 15 28.4 +0.5	B12A	Libby	43.29	39	↑P	17 15 47.7 -0.2	RKT	comp=Z,26µm,28.0s	47.46	153	eS	LR	17 27 41.1
E09A	Wood Farm, Sta	40.81	41	P	17 15 28.2 +0.2	B12A	baz=43	↑S	S	17 22 15.2 -0.3	RKT	comp=Z,100µm,29.2s	47.46	153	eLR	LR	17 29 51.6	
E09A	baz=41,SNR=93	↑S	S	17 21 38.2 -1.3	DAU	Dennis Canyon	43.31	52	eP	17 15 48.6 +0.2	RKT	comp=Z,61µm,29.5s,ba=333	47.46	153	eP	P	17 16 22.9 +1.6	
C08A	Higginbotham F	40.89	38	↑P	17 15 28.8 +0.2	TCUT	Toone Canyon	43.38	51	eP	17 15 49.3 +0.3	RKT	comp=Z,26µm,28.0s	47.46	153	eS	pmax	17 16 22.9 +1.6
C08A	baz=41	↓S	S	17 21 39.1 -1.4	HWUT	Hardware Ranch	43.40	50	eP	17 15 48.8 -0.3	RKT	comp=Z,26µm,28.0s	47.46	153	eS	pmax	17 16 22.9 +1.6	
OD2	Odessa Site #2	40.89	39	P	17 15 28.8 +0.2	HWUT	comp=Z,46µm,20.0s,MS6.4	LR	LR	17 15 49.1 -0.3	RKT	comp=Z,157nm,1.2s,mb5.8	47.46	153	eP	P	17 16 22.9 +1.6	
M12A	Wells	40.95	49	↓P	17 15 29.5 +0.4	A12A	Yaak River Ran	43.42	39	↑P	17 22 15.6 -2.4	RKT	comp=Z,157nm,1.2s,mb5.8	47.46	153	eP	P	17 16 22.9 +1.6
M12A	baz=41,SNR=139	↑S	S	17 21 41.3 -0.1	A12A	baz=43,SNR=84	↑S	S	17 22 15.6 -2.4	RKT	comp=Z,157nm,1.2s,mb5.8	47.46	153	eP	P	17 16 22.9 +1.6		
D09A	Jones Farm, Ri	40.97	40	↓P	17 15 29.3 0.0	TBI	Tubuai	43.45	171	eLR	17 25 51.1	RKT	comp=Z,157nm,1.2s,mb5.8	47.46	153	eS	S	17 23 16.9 +0.7
D09A	baz=41,SNR=124	↑S	S	17 21 41.7 -0.1	TBI	comp=Z,173µm,31.0s	eS	S	17 22 20.2 +1.8	PHWY	Pilot Hill	47.80	52	eP	P	17 16 22.9 -1.0		
RAR	Rarotonga	40.99	185	P	17 15 31.1 +1.6	TBI	comp=Z,62µm,38.8s	eLR	LR	17 28 02.6	PET	Petropavlovsk	47.95	325	eP	P	17 16 25.6 +0.5	
RAR	comp=Z,167nm,0.9s,mb5.7,ba=237,slow=2.4,SNR=8.0	LR	LR	17 29 13.9	TBI	comp=Z,91µm,28.0s,ba=350	eP	P	17 22 51.2 +1.6	SKR	Severo-Kuril's	48.45	321	eP	P	17 16 25.6 +0.5		
ARUT	Antelope Range	41.02	55	eP	17 15 29.6 -0.2	TBI	comp=Z,365nm,0.9s,mb5.2	eS	S	17 15 50.2 +1.8	SKR	comp=Z,35µm,20.0s,MS6.3	48.45	321	eP	P	17 16 25.6 +0.5	
CCUT	Cedar City	41.03	55	eP	17 15 30.3 +0.5	C13A	Hot Springs	43.52	41	P	17 22 51.2 +1.8	SKR	comp=Z,670nm,1.0s,mb6.6	48.45	321	eP	P	17 16 25.6 +0.5
115A	Sonoran Desert	41.10	63	↑P	17 15 30.0 -0.4	C13A	baz=43,SNR=114	↓S	S	17 21 51.1 +0.1	SKR	comp=Z,670nm,1.0s,mb6.6	48.45	321	eP	P	17 16 25.6 +0.5	
115A	baz=41	↑S	S	17 21 42.8 -0.9	MCMT	McKenzie Canyo	43.52	45	eP	17 22 15.9 -3.5	SKR	comp=N,70nm,0.7s	48.45	321	eP	P	17 16 25.6 +0.5	
F10A	Beach Ranch, E	41.14	42	↓P	17 15 30.7 +0.1	SRU	San Rafael	43.55	54	eP	17 15 49.9 -0.2	SKR	comp=N,6µm,16.0s	48.45	321	eP	P	17 16 25.6 +0.5
F10A	baz=41,SNR=99	↓S	S	17 21 43.0 -1.2	SRU	comp=Z,53nm,1.0s,mb5.2	43.55	54	eP	17 15 50.3 -0.1	SKR	comp=N,6µm,16.0s	48.45	321	eP	P	17 16 25.6 +0.5	
SVW2	Sparvevohn	41.18	0	eP	17 15 31.3 +0.3	MSO	Missoula	43.56	42	eP	17 15 50.3 -0.1	SKR	comp=E,10µm,16.0s	48.45	321	eP	P	17 16 25.6 +0.5
N13A	Wendover, West	41.28	50	↑P	17 15 32.0 +0.2	MSO	comp=Z,304nm,1.1s,mb5.9	LR	LR	17 15 49.6 -0.8	SKR	comp=Z,19µm,16.0s	48.45	321	eP	P	17 16 25.6 +0.5	
N13A	baz=41	↓S	S	17 21 46.4 +0.1	DLMT	Dillon	43.88	44	eP	17 15 50.3 -0.1	SKR	comp=E,17µm,16.0s	48.45	321	eP	P	17 16 25.6 +0.5	
EYAK	Cordova Ski Ar	41.29	8	eP	17 15 32.1 +0.2	B13A	Whitefish	43.88	40	↓P	17 15 53.1 +0.1	SKR	comp=N,19µm,20.0s	48.45	321	eP	P	17 16 25.6 +0.5
X15A	Humboldt	41.34	60	P	17 15 32.3 0.0	B13A	baz=44,SNR=59	↑S	S	17 22 24.1 -0.6	SKR	comp=Z,28µm,18.0s,MS6.3	48.45	321	eP	P	17 16 25.6 +0.5	
X15A	baz=41	↓S	S	17 21 46.2 -1.0	CHMT	Chamberlain Mo	44.03	42	eP	17 15 53.6 -0.6	SKR	comp=N,14µm,14.0s,MS6.2	48.45	321	eP	P	17 16 25.6 +0.5	
C09A	Chrisman Ranch	41.35	39	↓P	17 15 32.3 -0.1	AHID	Auburn Hatcher	44.06	49	eP	17 15 54.5 +0.1	SKR	comp=N,8µm,14.0s,MS6.2	48.45	321	eP	P	17 16 25.6 +0.5
C09A	baz=41	↓S	S	17 21 43.5 -3.9	AHID	comp=Z,700nm,1.6s,mb6.1	LR	LR	17 15 53.6 -0.6	SKR	comp=N,14µm,14.0s,MS6.2	48.45	321	eP	P	17 16 25.6 +0.5		
W15A	Williams	41.42	59	↑P	17 15 33.5 +0.5	RRI2	Red Ridge	44.08	48	eP	17 15 54.5 +0.1	SKR	comp=N,8µm,14.0s,MS6.2	48.45	321	eP	P	17 16 25.6 +0.5
W15A	baz=41,SNR=68	↓S	S	17 21 49.1 -0.8	MCK	McKinley	44.09	5	eP	17 15 55.0 +0.4	SKR	comp=Z,81µm,20.0s,MS6.6	48.45	321	eP	P	17 16 25.6 +0.5	
116A	Eloy	41.52	63	P	17 15 33.8 0.0	MCK	comp=Z,2µm,1.5s,mb6.7	pmax	pmax	17 15 55.0 +0.4	SKR	comp=Z,2µm,1.5s,mb6.7	48.45	321	eP	P	17 16 25.6 +0.5	
116A	baz=41,SNR=42	↓S	S	17 21 49.1 -0.8	MCK	comp=Z,479nm,1.1s,mb6.1	MLR	MLR	17 15 54.6 -0.1	SKR	comp=Z,17µm,16.0s	48.45	321	eP	P	17 16 25.6 +0.5		
B09A	Rice	41.73	38	↓P	17 15 35.5 0.0	MCK	comp=Z,34µm,22.0s,MS6.2	MLR	MLR	17 15 54.6 -0.1	SKR	comp=Z,17µm,16.0s	48.45	321	eP	P	17 16 25.6 +0.5	
B09A	baz=42,SNR=79	↓S	S	17 21 50.4 -2.6	MCK	comp=Z,479nm,1.1s,mb6.1	LR	LR	17 15 54.6 -0.1	SKR	comp=Z,17µm,16.0s	48.45	321	eP	P	17 16 25.6 +0.5		
A09A	Danville	41.75	37	P	17 15 35.8 +0.1	DCID1	Drake Creek	44.25	47	eP	17 15 56.4 +0.5	SKR	comp=Z,17µm,16.0s	48.45	321	eP	P	17 16 25.6 +0.5
A09A	baz=42,SNR=110	↓S	S	17 21 52.0 -1.4	TPAW	Teton Pass	44.38	48	eP	17 15 57.1 +0.2	SKR	comp=Z,17µm,16.0s	48.45	321	eP	P	17 16 25.6 +0.5	
DIV	Divide	41.85	8	eP	17 15 36.9 +0.4	REDW	Red Top Meadow	44.41	48	eP	17 15 57.3 0.0	SKR	comp=Z,45µm,20.0s,MS6.5	48.45	321	eP	P	17 16 25.6 +0.5
DIV	comp=Z,1µm,1.3s,mb6.3	LR	LR	17 15 36.9 +0.4	QLMT	Quartz Lake	44.47	46	eP	17 15 58.0 +0.3	SKR	comp=Z,17µm,16.0s	48.45	321	eP	P	17 16 25.6 +0.5	
C10A	Spiker Farm	41.93	39	↓P	17 15 37.3 +0.1	SNOW	Snow King Moun	44.51	48	eP	17 15 58.2 +0.2	SKR	comp=Z,7.5µm,20.0s,MS6.7	50.44	11	P	P	17

CPUP	comp=E,0.4nm,0.3s,baz=39,slow=4.7,SNR=3.6	PKKPbc	PKKPbc	17 37 34.7	+2.4		
CPUP	comp=E,5.2nm,0.8s,baz=26,slow=3.8,SNR=4.6	PKKPab	PKKPab	17 37 47.9	-0.7		
CPUP	Villa Florida	106.15	113	Pdif	Pdif	17 21 59.5	+0.3
CPUP				PKKPbc	PKKPbc	17 37 34.7	+2.4
CPUP				PKKPab	PKKPab	17 37 47.9	-0.7
CPUP	comp=Z,435nm,19.0s			LR	LR		
SUW	Suwalki	106.41	0	ePdif	Pdif	17 22 00.1	-0.2
SUW				ePKIKP	PKIKP	17 26 13.1	+1.6
SUW				ePP	PP	17 26 27.3	+2.5
SUW				eSKS	SKS	17 32 43.7	+2.5
SUW				eSP	SP	17 35 39.7	-2.8
SUW				ePS	PS	17 35 55.9	+1.3
SUW				eSS	SS	17 41 33.6	+5.4
SUW				L	L	18 06 25.4	
SUW	comp=Z,25nm,24.3s						
SUW	Suwalki	106.41	0	ePdif	Pdif	17 22 00.1	-0.2
SUW	comp=Z,3.2nm,1.3s						
SUW				ePKPdf	PKIKP	17 26 13.1	+1.6
SUW				ePP	PP	17 26 27.3	+2.5
SUW				eSKS	SKS	17 32 43.7	+2.5
SUW				eSP	SP	17 35 39.7	-2.8
SUW				ePS	PS	17 35 55.9	+1.3
SUW				eSS	SS	17 41 33.6	+5.4
SUW				L	L	18 06 25.4	
WTSB	Winterswijk	106.92	11	eP	Pdif	17 21 57.9	-4.7
WTSB				ePP	PP	17 26 31.5	+3.0
GKP	Gorka Klasztor	106.93	4	ePdif	Pdif	17 22 07.1	+4.4
GKP				ePKIKP	PKIKP	17 26 11.2	-1.2
GKP				ePP	PP	17 26 33.3	+4.7
GKP				eSKS	SKS	17 32 45.1	+1.7
GKP				eSS	SS	17 41 40.8	+5.6
GKP				L	L	18 08 33.6	
NRDL	Niedersach Rie	106.94	9	ePdif	Pdif	17 22 01.7	-1.0
NRDL				eP	PP	17 26 24.7	-4.0
NRDL				eSKS	SKS	17 32 40.7	-2.8
NRDL				eSKS	SKS	17 32 47.3	+1.3
NRDL				ePdif	Pdif	17 22 04.7	-1.0
NRDL				eSKS	SKS	17 32 43.9	-2.5
NRDL				eSP	SP	17 35 48.7	+2.2
NRDL				eP	Pdif	17 22 05.0	-2.0
NRDL				ePP	PP	17 26 35.6	-0.2
NRDL				ePP	PP	17 26 36.4	-0.6
NRDL				ePP	PP	17 26 37.4	+0.1
NRDL				eP	Pdif	17 26 09.5	
NRDL				ePdif	Pdif	17 22 09.3	+1.2
NRDL				ePP	PP	17 26 39.1	+1.6
NRDL				eSKS	SKS	17 32 56.2	+7.5
NRDL				L	L	18 08 37.8	
NRDL	comp=Z,26nm,21.8s						
NRDL	Warsaw	108.15	2	eP	Pdif	17 22 09.3	+1.2
NRDL				e	MLR	17 26 39.1	
NRDL				e	MLR		
SGMP	Saint Gilles	108.17	18	eP	Pdif	17 22 07.6	-0.5
BAIF	Baives	108.22	13	eP	Pdif	17 22 08.9	+0.4
FLN	La Foliniere	108.29	17	eP	Pdif	17 22 08.7	0.0
FLN	comp=Z,37nm,1.1s						
FLN				eMLR	MLR		
FLN	comp=Z,39nm,21.8s						
FLN	La Foliniere	108.29	17	eP	Pdif	17 22 08.7	0.0
FLN	comp=Z,18nm,1.1s						
FLN				eMLR	MLR		
FLN	comp=Z,39nm,21.8s,MS6.9						
FLN	La Foliniere	108.29	17	eP	Pdif	17 22 08.7	0.0
FLN	comp=Z,18nm,1.1s						
FLN				eLR	LR		
FLN	comp=Z,39nm,21.8s,MS6.9						
FLN	Givet	108.31	13	eP	Pdif	17 22 08.5	-0.3
FLN	Collm	108.48	7	ePdif	Pdif	17 22 08.9	-0.6
FLN	comp=Z,43nm,1.5s						
FLN				e	PP	17 22 23.6	
FLN				ePP	PP	17 26 46.0	+6.0
FLN				eSKS	SKS	17 32 46.9	-3.5
FLN				eSKS	SKS	17 32 49.0	-1.1
FLN				eSKS	SKS	17 33 35.8	-8.7
FLN				eSdif	Sdif	17 34 11.3	-6.5
FLN				eSP	SP	17 36 08.0	+4.2
FLN				ePPS	PP	17 37 12.0	
FLN				ePKKPbc	PKKPbc	17 37 26.6	+1.6
FLN				ePKKPab	PKKPab	17 37 40.2	+2.0
FLN				ePPS	PP	17 37 53.4	
FLN				eSS	SS	17 41 54.9	-1.3
FLN				ePKPPKpd	Pdf	17 45 53.7	
FLN				eSSS	SS	17 45 59.8	
FLN				eL	L	18 08 08.2	
FLN	comp=Z,29nm,22.0s						
FLN	Collm	108.48	7	eP	Pdif	17 22 09.0	-0.5
FLN				e	MLR	17 32 49.0	
FLN	comp=Z,43nm,1.5s						
FLN				e	MLR		
FLN	comp=Z,27nm,23.1s,MS6.8						
FLN	Collm	108.48	7	ePdif	Pdif	17 22 09.0	-0.5
FLN	comp=Z,43nm,1.5s						
FLN				eSKS	SKS	17 32 49.0	-1.1
FLN				eSdif	Sdif	17 34 19.0	+1.2
FLN				ePKKP	PKKPbc	17 37 40.0	+1.5
FLN				LR	LR		
FLN	comp=Z,27nm,23.1s,MS6.8						
FLN	Collm	108.48	7	ePdif	Pdif	17 22 09.0	-0.5
FLN	comp=Z,43nm,1.5s						
FLN				ePdif	PP	17 22 23.0	
FLN				ePP	PP	17 26 37.0	-3.0
FLN				ePP	PP	17 26 48.0	
FLN				eSKS	SKS	17 32 49.0	-1.1
FLN				eSKS	SKS	17 33 35.0	-1.0
FLN				eSdif	Sdif	17 34 19.0	+1.2
FLN				ePS	PS	17 36 08.0	+3.6
FLN				ePPS	PP	17 37 12.0	
FLN				ePKKPbc	PKKPbc	17 37 26.0	+1.0
FLN	comp=Z,14nm,1.2s						
FLN				ePKKPab	PKKPab	17 37 40.0	+1.8
FLN	comp=Z,40nm,1.1s						
FLN				ePKKPab	PKKPab	17 37 53.0	
FLN	comp=Z,90nm,1.7s						
FLN				ePcPKPPre	SS	17 41 34.0	-0.2
FLN				eSS	SS	17 41 56.0	-0.2
FLN				ePKPPKpd	Pdf	17 45 54.0	
FLN	Goron	108.53	17	eP	Pdif	17 22 09.7	-0.1
FLN	La Druitiere	108.54	17	eP	Pdif	17 22 09.8	0.0
FLN	Palmer Station	108.66	153	PFAKE	LR	17 26 20.0	+4.3
FLN	comp=Z,7nm,19.0s,MS6.3						
FLN	Taurus Mts	108.89	10	ePdif	Pdif	17 22 10.3	-1.0
FLN				eSKS	SKS	17 32 52.9	+1.0
FLN	Moxa	108.96	8	ePdif	Pdif	17 22 10.6	-1.1
FLN	Moxa	108.96	8	eP	Pdif	17 22 11.2	-0.5
FLN	comp=Z,22nm,1.6s						
FLN				e		17 26 00.7	
FLN	comp=Z,11nm,22.0s						
FLN	Moxa	108.96	8	eP	Pdif	17 22 11.2	-0.5
FLN	comp=Z,22nm,1.6s						
FLN				e	MLR		
FLN	comp=Z,11nm,22.0s,MS6.4						
FLN	Walfeder	109.00	12	ePP	PP	17 26 42.4	-1.3
FLN				eSKS	SKS	17 32 54.0	+1.6
FLN	Berggiesshubel	109.02	7	ePdif	Pdif	17 22 11.4	+0.5
FLN				eSKS	SKS	17 36 04.2	-5.0
FLN	Berggiesshubel	109.02	7	eP	Pdif	17 22 11.3	-0.6
FLN				i		17 32 46.0	
FLN						17 36 52.0	
FLN	comp=Z,30nm,1.4s						
FLN				e	MLR		
FLN	comp=Z,34nm,1.6s						
FLN				e	MLR		
FLN	comp=N,12nm,19.9s,MS6.5						
FLN				e	MLR		
FLN	comp=E,7nm,18.8s,MS6.5						
FLN				e	MLR		
FLN	comp=Z,9nm,20.1s,MS6.3						
FLN	Berggiesshubel	109.02	7	ePdif	Pdif	17 22 11.3	-0.6
FLN	comp=Z,30nm,1.4s						
FLN				i		17 22 29.5	
FLN				i		17 26 46.0	

BRG	SKS	SKS	17 32 52.0	-0.4			
BRG	PP	SKSdf	17 33 40.0	+1.1			
BRG	Sdif	SKSdf	17 34 18.0	-4.3			
BRG	ePKKP	PKKPbc	17 37 26.3	+3.0			
BRG	LR	LR					
KSP	comp=Z,9nm,20.0s,MS6.3						
KSP	Ksiaz	109.27	5	ePdif	Pdif	17 22 17.2	+4.1
KSP				ePKIKP	PKIKP	17 26 16.5	-0.3
KSP				ePP	PP	17 26 41.8	-3.9
KSP				eSKS	SKS	17 32 57.0	+3.5
KSP				eSKSdf	SKSdf	17 33 29.9	+1.4
KSP				ePS	PS	17 36 11.2	-1.2
KSP				eSP	SP	17 36 14.1	+2.3
KSP				eSS	SS	17 42 12.4	+5.5
KSP				L	L	18 09 32.8	
KSP	comp=Z,32nm,22.3s						
KSP	Ksiaz	109.27	5	eP	Pdif	17 22 11.4	-1.7
KSP				ePS	PS	17 36 10.3	-2.1
KSP				eMLR	MLR		
KSP	comp=Z,36nm,22.3s,MS6.9						
KSP	Ksiaz	109.27	5	ePdif	Pdif	17 22 11.4	-1.7
KSP				ePP	PP	17 26 36.0	-1.0
KSP				eSKS	SKS	17 32 38.5	-1.5
KSP				eSdif	Sdif	17 34 18.0	-6.4
KSP				ePS	PS	17 36 10.3	-2.1
KSP				eSS	SS	17 41 54.0	-1.3
KSP				LR	LR		
KSP	comp=Z,36nm,22.3s,MS6.9						
KSP	Tannenbergestha	109.29	8	ePdif	Pdif	17 22 12.6	-0.6
KSP	TANN			eSKS	SKS	17 32 55.1	+1.5
KSP	Casey	109.35	205	PFAKE	LR	17 26 30.0	+1.3
KSP	CASY			LR	LR		
KSP	comp=Z,18nm,22.0s,MS6.6						
KSP	New Delhi	109.41	312	eP	Pdif	17 22 11.1	-2.5
KSP	NDI			ePP	PP	17 26 47.3	+0.6
KSP	NDI			eAMS	AMS	18 07 37.4	
KSP	comp=Z,6nm,22.9s,MS6.1						
KSP	Panska Ves	109.42	6	ePdif	Pdif	17 22 14.2	+0.5
KSP				eP	PP	17 22 28.3	
KSP				eP	PP	17 22 48.3	
KSP				ePP	PP	17 26 50.9	+4.1
KSP				ePS	PS	17 36 50.9	+4.1
KSP				ePKKP	PKKPbc	17 37 36.5	+1.4
KSP				eP	PP	17 37 48.4	
KSP				eSS	SS	17 42 12.1	+3.2
KSP				eAMS	AMS	17 53 08.4	
KSP				eAMS	AMS	18 14 10.0	
KSP	comp=Z,21nm,18.9s						
KSP	Panska Ves	109.42	6	eP	Pdif	17 22 14.2	+0.5
KSP				ePP	PP	17 26 50.9	
KSP				eSP	SP	17 36 16.2	+2.9
KSP				eSS	SS	17 42 12.1	+3.2
KSP				eMLR	MLR		
KSP	comp=Z,21nm,18.9s,MS6.7						
KSP	Panska Ves	109.42	6	ePdif	Pdif	17 22 14.2	

Table with columns for station name, frequency, and various technical parameters. Includes stations like VRAC Vranov, STHS Stebnicka Huta, GERES Array S, etc.

Table with columns for station name, frequency, and various technical parameters. Includes stations like PBRG Braganca, DAVOX Davos/Dischmat, PVRL Vila Real, etc.

Table with columns for station name, frequency, and various technical parameters. Includes stations like BZS Buzias, MDRS Chennai, HARR Harsova, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like PAE Paea, BELC Belle Mtn, G05A Wamic, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like N11A Elko Archery C, C07A Waterville, H09A Durkee, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like COLA College, DAWY Dawson, LAZ Lador, etc.

16d Oh

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like KMI, INCN, ERM, LVC, LBTB, CD2, MSEA, YSS, BJT, NNA, MDJ, PAYG, LZH, LSA, LSZ, PET, TSUM, HIA, OTAV, BDFB, SAO, PFO, MA2, ISA, KMBO, HOPS, CMB, DAC, TUC, YBH, SHEL, TPH, HUMO.

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Table with columns: Station, Frequency, Power, and other technical details. Includes stations like TGUH, MOD, KDAK, WMO, WUJAZ, COR, MNTX, WYOR, YAK, MVU, ANMO, DUG, MCVCO, MPU, HAWA, TNA, HLID, PMR, BILL, HWUT, DIV, SIT, SDCO, AHID, WRAP, HKT, SDV, NEW, AAK, MCK, BW06, ISCO, MSO, YMR, LKWY, WMOK, MSKU, COLA, RCBR, ASCN, NATX, EGAK, CBKS, EGMT, RSSD, TIXI, LAO, KSU1, OXF, DGMT, DWPF.

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Table with columns: Station, Frequency, Power, and other technical details. Includes stations like DWPF, PLAL, CCM, WVT, BRVK, SCIA, BBGH, SJG, HDIL, WCI, AGMN, ULM, BLA, ACCO, CNCC, DBIC, AAM, MCWV, GNI, ARU, CBN, SSPA, MALT, TOAD, KIV, BINY, NCB, LONY, HRV, WES, BR131, BRTR, LBNH, ANTO, PKME, OBN, KBS, SCHO, AKASG, KEV, ARCES, FINES, SFJD, GERES, CLL, CLM, GRF, KONO, DGMT, ESK.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKBB, NVAR, PDAR, MALT, BURAR, STHS, etc.

IDC 16 02:54:09.5:0.7, 2051N:11992E, h0km, mb4.0/13, mb1.4/2.13, mb1mx4.1/2.1, mbtmp4.1/1.13, MS3.3/3, Ms1.3/9.3, ms1mx3.2/33, Error ellipse: s-maj=36.0km s-min=15.3km az=64.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CVP, NACB, NACB, YHNB, etc.

IDC 16 03:07:40.9:1.4, 1312N:12190E, h0km, mb3.4/3, mb1.3/6.3, mb1mx3.3/1.9, mbtmp3.4/3, Error ellipse: s-maj=75.6km s-min=13.2km az=54.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BOAC, BOAC, AUQP, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AFI, AFI, DZM, DZM, DZM, etc.

CASC 16 03:09:32.3:2.1, 891N:8296W, h13km, 7km, MD3.7, 2C-2D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CTRC, CTRC, BRU, BRU, etc.

NEIC 16 03:41:18.9:0.7, 3149S:7169W, h23km, ML3.2(GUC), After GUC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHNG, CHNG, CMCH, CMCH, etc.

SONM Songino Array 44.09 321 P P 06 54 58.1 -0.3
ZAL Zalesovo 58.95 322 P P 06 56 51.5 +1.8
BVAR Borovoye Array 67.43 320 P P 06 57 44.8 -1.2

LDG 16 06:55:50.3:0.1, 4303N.005E, h10km, Md1.4/2, MI1.4/2, Error ellipse: s-maj=3.6km s-min=1.6km az=168.0
STR 16 06:55:50.7:0.0, 4302N.000E, h5km, 1km, MI2.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0
MDD 16 06:55:50.8:0.5, 4303N.005E, h0km, mbLg0.7/3, Error ellipse: s-maj=4.9km s-min=2.6km az=173.0, PRXIMO, France

Code Station Name Az AZZ Phase ID Time Res
LABF Labassere 0.03 46 Op ISC 06 55 52.6 +1.4
LABF Labassere 0.03 46 Pg Sg 06 55 54.1 +2.5
VIEF View 0.15 187 Pg Sg 06 55 54.0 +0.4

IDC 16 06:55:57.0:3.1, 3342Sx17940W, h0km, mb3.6/2, mb1.3/9/3, mb1mx3.7/12, mbtmp3.7/3, ML3.7/1, Error ellipse: s-maj=68.5km s-min=46.0km az=114.0
ISCJB 16 06:56:04.0:2.7, 3368S.008E, h1800W.04, h33km, mb3.4/2, Error ellipse: s-maj=49.7km s-min=12.0km az=2.9
ISC 16 06:56:05.5:2.7, 3364S.000E, h1790W.04, h35km, n8, -035/9, mb3.4/2, South of Kermadec Islands

Code Station Name Az AZZ Phase ID Time Res
PUZ Puketiti 4.67 198 ePN Pn 06 57 13.7 +0.3
URZ Urewera 5.21 207 SN Sx 06 58 06.2 -0.2
URZ 2.2nm, 0.3s, baz=281, slow=6.7, SNR=12 Sn Sn 06 58 20.0 +0.2

NIED 16 07:17:00.3800N.14250E, h23km, Mw3.6 Best double couple: M=2.63000e-1014 NP1.3e357.0000; 847.00000; 1.73.00000; NP2.3e201.00000; 845.00000; 1.107.00000
JMA 16 07:17:40.7:0.1, 3800N.14251E, h36km, 2km, M3.7, Near east coast of eastern Honshu

Code Station Name Az AZZ Phase ID Time Res
JIO Ouri 1.02 297 P Op ISC 07 17 58.9 +0.4
OFUJ Ofunato 1.26 329 P eS Sx 07 18 02.5 +0.7
OFUJ Ofunato 1.26 329 P eS Sx 07 18 18.6 +1.0

NEIC 16 07:24:19.7:0.5, 3151Sx7162W, h28km, ML2.9(GUC), After GUC

GUC 16 07:24:19.7:0.5, 3151Sx7162W, h28km, 1km, MD3.8, ML2.9, 7C-10, Near coast of central Chile

Code Station Name Az AZZ Phase ID Time Res
CHNG Los Chungos 0.39 164 iJP Pn 07 24 29.1 -0.2
CHNG Los Chungos 0.39 164 iS Sx 07 24 32.2 +0.1
CHNG Los Chungos 0.39 164 iS Sx 07 24 34.6

IDC 16 07:43:08.6:8.5, 2234N.14508E, h0km, mb3.4/4, mb1.3/6/4, mb1mx3.5/17, mbtmp3.4/4, Error ellipse: s-maj=316.3km s-min=27.2km az=75.0, North Pacific Ocean

Code Station Name Az AZZ Phase ID Time Res
SONM Songino Array 39.99 319 Op ISC 07 50 45.5 +0.5
WRA Warramunga Arr 43.31 195 P P 07 51 13.5 +1.3
ASAR Alice Springs 47.00 194 P P 07 51 40.6 -0.9

NEIC 16 07:45:22.1:0.7, 3257Sx7173W, h24km, ML2.9(GUC), After GUC

GUC 16 07:45:22.1:0.7, 3257Sx7173W, h24km, 2km, MD3.9, ML2.9, 4C-12D, Near coast of central Chile

Code Station Name Az AZZ Phase ID Time Res
PACH Papudo 0.25 82 iJP Pn 07 45 28.8 +0.5
IHA Instituto Hidr 0.46 171 eP Sx 07 45 31.3 -0.3
CHNG Los Chungos 0.71 161 iJP Pn 07 45 35.5 -0.4

RCDM Rinconada Maip 1.20 140 P iS Sx 07 45 58.4 -0.3
RCDM Rinconada Maip 1.20 140 P iS Sx 07 46 00.7 -0.3

RCDM Rinconada Maip 1.20 140 P iS Sx 07 45 43.0 -0.3
RCDM Rinconada Maip 1.20 140 P iS Sx 07 45 44.3 -0.1

Code Station Name Az AZZ Phase ID Time Res
LACH Colegio Las Am 1.33 131 eP Pn 07 45 44.6 -0.6
LNV Longvilo 1.40 169 iP Sx 07 45 45.9 -0.3
PCH Pirque 1.46 136 iJP Pn 07 45 47.4 +0.4

ATH 16 07:54:16.0:0.7, 3804N.003E, 2395E.003, h0km, 6km, Error ellipse: s-maj=4.6km s-min=4.1km az=91.8
NEIC 16 07:54:16.0:0.7, 3796N.2394E, h17km, ML2.8(ATH), After ATH

ATH 16 07:54:16.0:0.7, 3796N.2394E, h17km, MD2.8/7, ML2.8
CSEM 16 07:54:16.0:0.1, 3803N.2397E, h2km, ML2.8, Error ellipse: s-maj=1.9km s-min=1.7km az=54.0
THE 16 07:54:20.4, 3813N.2400E, h20km, ML2.8
ISC 16 07:54:15.8:0.5, 3806N.003E, 2398E.003, h8km, 4km, n23, e119/139, 2C, Greece

Code Station Name Az AZZ Phase ID Time Res
PTL Penteli 0.09 266 ePB Pn 07 54 19.2 +1.1
PTL Penteli 0.09 266 eSB Pn 07 54 21.3 +1.6
PTL Penteli 0.09 266 ePB Pn 07 54 19.2 +1.1

CASC 16 08:46:30.2:2.1, 919N.8366W, h14km, 10km, MD3.6, 5D, Costa Rica

Code Station Name Az AZZ Phase ID Time Res
LCR2 La Lucha 2 0.97 345i eP Sx 08 46 40.8 -0.6
PRSI Prasil 0.91 331i eS Pn 08 46 45.3 -2.4
CTCR Cotoan 1.12 105 iJP Pn 08 46 58.2 -1.2

NNC 16 09:09:02.4:3.6, 5337N.8660E, h0km, mb3.7, mpv3.3, 8C-2D, Error ellipse: s-maj=31.5km s-min=13.7km

az=59.0, Southwestern Siberia
Code Station Name Az AZZ Phase ID Time Res
MK31 Makanchi Array 7.14 205 iJP Pn 09 10 46.4 -1.7

Code Station Name Az AZZ Phase ID Time Res
VOSK Vostokchayna 9.44 272 iJP Pn 09 11 19.7 +0.2
VOSK Vostokchayna 9.44 272 iS Sx 09 13 05.8 -0.5
CHZK Chkalov 9.53 278 iJP Pn 09 11 22.3 +1.5

CSEM 16 09:30:40.6, 1209N.4519E, h13km, ML4.3, After DHMR
DHMR 16 09:30:40.6:1.7, 1209N.4519E, h14km, 10km, ML4.3, 2C-2D, Western Gulf of Aden

Code Station Name Az AZZ Phase ID Time Res
ADEN Aden 0.71 343 iS Sx 09 31 13.1
ADEN Aden 0.71 343 iS Sx 09 31 04.1 +0.2
TRBA At Turbah 1.55 317 iP Sx 09 31 09.8 +2.1

IDC 16 09:31:30.9:1.8, 836S.12205E, h0km, mb3.8/2, mb1.4/1/4, mb1mx3.8/14, mbtmp3.9/4, ML4.0/2, Error ellipse: s-maj=261.7km s-min=25.0km az=56.0
ISCJB 16 09:31:47.9:1.6, 792S.010E, 1232E.01, h164km, 15km, mb3.6/2, Error ellipse: s-maj=21.6km s-min=11.3km az=103.8

NEIC 16 09:31:51.5:2.5, 802S.12313E, h187km, 24km, mb4.4/3, Error ellipse: s-maj=29.6km s-min=18.4km az=59.0
ISC 16 09:31:55.8:1.9, 83S.01:1235E.01, h173km, 13km, n11, e180/19, mb3.6/2, Flores region

Code Station Name Az AZZ Phase ID Time Res
KAKA Kakadu 9.83 117 eP Pn 09 34 14.3 +1.2
FITZ Fitzroy Crossi 9.97 168 eS Sx 09 36 02.7 +0.3
FITZ Fitzroy Crossi 9.97 168 eS Sx 09 34 14.8 -0.2

ISCJB 16 10:11:06.8:0.3, 127N.003E.7773W.005, h133km, 4km, mb4.1/19, Error ellipse: s-maj=8.9km s-min=4.4km az=168.3

IDC 16 10:11:07.5:2.1, 128N.7744W, h133km, 21km, mb3.7/11, mb1.3/9/14, mb1mx3.8/20, mbtmp4.2/14, MS3.5/3, MS1.4/3, ms1mx2.9/28, Error ellipse: s-maj=19.2km s-min=10.7km az=73.0

NEIC 16 10:11:07.3:0.4, 123N.779W, mb4.5/10, Error ellipse: s-maj=11.0km s-min=7.7km az=74.0
IGQ 16 10:11:08.0, 118N.7794W, h130km, 4km, Mb4.7, Ms4.6, Error ellipse: s-maj=4.0km s-min=3.2km az=134.6

BUI 16 10:11:07.2, 120N.7780W, h120km, mb4.9
CASC 16 10:11:12.8:0.8, 175N.7829W, h0km, 127km, MD4.6, mb4.5(NEIC)
ISC 16 10:11:07.9:0.3, 127N.003E.7774W.005, h126km, 3km, h124km, 1.4km, pP-N, n89, e192/86, mb4.3/19, 4C-14D, Colombia

Code Station Name Az AZZ Phase ID Time Res
COTA Cotacachi 1.10 213 iJP Pn 10 11 31.6 +0.2
CAYA Cayambe 1.21 192 P Pn 10 11 33.0 +0.4
ANGU Anguare 1.24 192 P Pn 10 11 33.8 +1.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like San Andres, Roxas, Odiangon, etc.

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

IDC 16 11:51:33.13 16.0, 1943S, 174.11W, h0km, mb4.4/5, mb1 4.5/5, mb1mx3.3/1, mbtmpt3.4/4, ML3.1/1, Error ellipse: s-maj=37.7km s-min=37.7km az=106.0, Irian Jaya

IDC 16 11:51:41.1 16.0, 1943S, 174.11W, h0km, mb4.4/5, mb1 4.5/5, mb1mx4.0/16, mbtmpt4.4/5, Error ellipse: s-maj=305.1km s-min=139.1km az=81.0

IDC 16 11:51:42.8 3.6, 1995S, 108.174W, h0km, mb4.7/6, Error ellipse: s-maj=146.0km s-min=21.2km az=101.6

NEIC 16 11:51:42.3 3.6, 1995S, 108.174W, h0km, mb4.8/7, Error ellipse: s-maj=124.0km s-min=18.5km az=141.0

IDC 16 11:51:42.8 3.6, 1995S, 108.174W, h0km, mb4.7/6, ID, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CTA Charters Tower, STKA Stephens Creek, etc.

BUI 16 12:07:51.4, 230N, 9586E, h41km, mb5.1, mb4.8, Ms4.1, Ms3.7

MOS 16 12:07:52.3 0.9, 255N, 9586E, h33km, mb4.9/12, Error ellipse: s-maj=16.4km s-min=9.2km az=101.5

NEIC 16 12:07:53.5 0.4, 250N, 9587E, h30km, mb4.8/7, Error ellipse: s-maj=10.5km s-min=7.2km az=52.0

ISCJB 16 12:07:58.6 2.1, 271N, 100.962E, h41km, 17km, mb4.6/34, Error ellipse: s-maj=23.6km s-min=9.8km az=110.6

IDC 16 12:08:01.1 3.9, 271N, 9630E, h89km, 33km, mb4.1/10, mb1 4.2/11, mb1mx3.9/21, mbtmpt4.4/11, MS3.2, Ms1.3/3.2, ms1mx2.8/21, Error ellipse: s-maj=34.7km s-min=14.4km

ISC 16 12:07:59.7 2.0, 267N, 010.961E, h77km, 16km, n65, 0895S/99, mb4.6/34, 1C-2D, Northern Sumatara

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PSI Prapat, PSI Banda Aceh, etc.

MAN 16 12:10:31.7, 1244N, 12349E, h6km, mb2.8, ML4.2, MS3.3, 1C-2D, Luzon

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MMPH Masbate, ROP Roxas, etc.

ISC 16 12:54:13.6 4.3, 2161N, 12176E, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.6/18, mbtmpt3.6/3, Error ellipse: s-maj=325.4km s-min=26.1km az=60.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like LZH Fitzroy Crossi, GA Gaota, etc.

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

ISC 16 12:54:13.6 4.3, 2161N, 12176E, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.6/18, mbtmpt3.6/3, Error ellipse: s-maj=325.4km s-min=26.1km az=60.0

ISC 16 12:54:30.4 2.7, 217N, 12185E, h0km, mb3.6/3, mb1 4.2/4, mb1mx3.9/14, mbtmpt4.0/4, ML4.2/1, Error ellipse: s-maj=51.9km s-min=26.5km az=115.0

NEIC 16 13:14:22.4 0.9, 3229S, 17751W, h10km, mb4.3/1, Error ellipse: s-maj=27.3km s-min=13.4km az=108.0

ISC 16 13:14:19.5 1.6, 3235S, 008.177W, h0km, n27, 01509/29, mb4.0/3, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BRVK Borovoye, CHZK Chkalovo, etc.

AKASE Malin Array Be 73.45 322 i P P 12 19 23.1 -0.7

BOSA Boshof 74.60 240 P P 12 19 33.6 +3.1

FINES FINES Array B 78.21 333 P P 12 19 50.4 -0.5

ARCES ARCES Array B 80.80 340 P P 12 20 03.8 -1.1

GERES GERES Array B 84.01 319 P P 12 20 16.8 -0.2

TXAR Lajitas Array 142.95 29 PKP P 12 27 22.4 -2.0

CPUP Villa Florida 145.33 225 PKP P 12 27 28.3 -0.3

CFAA Coronel Fontan 147.67 205 PKP P 12 27 35.2 -0.2

CFAA Coronel Fontan 147.67 205 PKP P 12 27 35.2 -0.2

MAN 16 12:10:31.7, 1244N, 12349E, h6km, mb2.8, ML4.2, MS3.3, 1C-2D, Luzon

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HUMP Col San Antoni, CELP Cerrillos, etc.

CSEM 16 12:21:30.5 0.1, 3823N, 2662E, h5km, MD3.2, Error ellipse: s-maj=3.7km s-min=2.7km az=119.0

ATH 16 12:21:30.9, 3818N, 2676E, h35km, 1km, MD3/2, ISCJB 16 12:21:31.1, 1.0, 3820N, 003.2661E, 0.06, h3km, 7km, Error ellipse: s-maj=7.7km s-min=4.4km az=133.3

ISC 16 12:21:32.9, 3825N, 2676E, h20km, MD3.1, Error ellipse: s-maj=1.6km s-min=1.6km az=93.0

ISC 16 12:21:31.7, 0.7, 3821N, 003.2662E, 0.05, h9km, 5km, n14, 0866/23, Aegean Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like URLA Izmir, URLA Balcova, etc.

ISC 16 12:54:13.6 4.3, 2161N, 12176E, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.6/18, mbtmpt3.6/3, Error ellipse: s-maj=325.4km s-min=26.1km az=60.0

ISC 16 12:54:30.4 2.7, 217N, 12185E, h0km, mb3.6/3, mb1 4.2/4, mb1mx3.9/14, mbtmpt4.0/4, ML4.2/1, Error ellipse: s-maj=51.9km s-min=26.5km az=115.0

JMA 16 12:55:31.8 0.4, 2281N, 12075E, h133km, M2.6

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like YOJ Yonaguni jima, YOI Iriomote-Funau, etc.

ISC 16 12:54:31.2 2.8, 217N, 02.1218E, h0km, 35km, n8, 0885/13, mb3.4/3, Taiwan region

ISCJB 16 13:14:18.0 1.6, 3236S, 009.1779W, h0km, mb4.0/3, Error ellipse: s-maj=44.3km s-min=5.4km az=31.6

IDC 16 13:14:21.9 2.0, 3213S, 020W, h0km, mb4.0/4, mb1 4.2/4, mb1mx3.9/14, mbtmpt4.0/4, ML4.2/1, Error ellipse: s-maj=51.9km s-min=26.5km az=115.0

NEIC 16 13:14:22.4 0.9, 3229S, 17751W, h10km, mb4.3/1, Error ellipse: s-maj=27.3km s-min=13.4km az=108.0

ISC 16 13:14:19.5 1.6, 3235S, 008.177W, h0km, n27, 01509/29, mb4.0/3, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like RAO Raoul Island, RAO Raine Island, etc.

ASAR Alice Springs 43.29 269 P P 12 22 26.1 +4.8

WB2 Warramunga Arr 44.44 274 EP P 12 22 36.3 +5.7

WRAB Tennant Creek 44.45 274 EP P 12 22 36.4 +5.8

WRA Warramunga Arr 44.45 274 EP P 12 22 35.9 +5.2

QPSA South Pole Q 57.77 180 EP P 12 24 15.0 +4.3

JOF Joensuu 144.31 338 EP PKP P 12 33 56.7 +0.9

KAF Kangasniemi 146.46 340 EP PKP P 12 34 02.0 +2.5

FIAT FINES Array S 147.05 339 EP PKP P 12 34 05.7 +3.2

FINES FINES Array B 147.05 339 EP PKP P 12 34 04.9 +2.4

NB2 NORPAR Subarrat 150.71 351 PKP PKP P 12 34 14.9 +3.0

NOA NORPAR Array B 150.71 351 PKP PKP P 12 34 14.4 +2.5

RSPR 16 13:20:01.9, 1912N, 6318W, h137km, 20km, NEIC 16 13:20:01.9, 1912N, 6318W, h137km, MD3.6(RSPR)

TRN 16 13:19:58.3, 1918N, 6293W, h97km, 7C, Leeward Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HUMP Col San Antoni, HUMP Cerrillos, etc.

WEL 16 13:29:09.0, 3758S, 17729E, h123km, MG4.0(WEL), After WEL

WEL 16 13:29:08.7 0.3, 3759S, 17728E, h127km, 2km, ML3.9/13, 5C-1D, Error ellipse: s-maj=1.6km s-min=1.6km az=90.0

Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like URZ Urewera, URZ Urewera, etc.

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

MAN 16 13:49:03.5, 1246N x 12370E, h10km, mb2.5, ML4.0, MS3.0, 1C-1D, Luzon

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

ISCJB 16 14:07:17.0±0.6, 501N±0.1 x 1788W±0.1, h10km, mb4.1/14, MS3.4/4, Error ellipse: s-maj=19.6km s-min=9.3km

IDC 16 14:07:17.2±0.7, 5000N±1.7893W, h0km, mb4.1/13, mb1.4/3.1/3, mb1mx4.2/25, mbtmp4.1/13, MS3.4/4, Ms1.3/4.4, ms1mx2.9/33, Error ellipse: s-maj=23.1km s-min=17.3km az=160.0

NEIC 16 14:07:19.0±0.5, 5003N±1.7881W, h10km, mb4.6/3, ML3.9(AEIC), Error ellipse: s-maj=16.5km s-min=7.6km az=153.0

ISC 16 14:07:18.5±0.6, 501N±0.1 x 1789W±0.1, h10km, n31, 6994/26, mb4.1/14, MS3.4/4, Andean/Islands

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ATKA, SDPT, KDAK, RC01, etc.

BUI 16 14:09:50.9, 3368N±6928E, h29km, mb5.1, mb4.5, Ms4.0, Ms24.0

IDC 16 14:09:52.5±0.6, 3339N±6987E, h0km, mb4.3/17, mb1.4/3.2/1, mb1mx4.2/28, mbtmp4.2/21, ML4.0/4, MS3.1/3, Ms1.3/1.3, ms1mx2.7/35, Error ellipse: s-maj=16.4km s-min=14.0km az=100.0

ISCJB 16 14:09:53.6±1.4, 3340N±6991E±0.04, h20km±11km, mb4.2/27, Error ellipse: s-maj=6.5km s-min=3.8km az=93.3

NEIC 16 14:09:54.5±3.2, 3348N±6982E, h12km±20km, mb4.3/6, Error ellipse: s-maj=7.8km s-min=6.2km az=80.0

MOS 16 14:09:56.6±0.9, 3358N±6991E, h39km, mb4.5/22, Error ellipse: s-maj=14.3km s-min=7.0km az=98.2

ISC 16 14:09:57.6±0.5, 3341N±6984E±0.04, h35km±6km, n115, 11943/128, mb4.2/27, 3C-3D, Southeastern Afghanistan

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

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AML, AGRA, UCH, EKS2, etc.

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

IDC 16 14:25:01.4±1.6, 008S±12507E, h0km, mb3.6/4, mb1.3/8.4, mb1mx3.8/15, mbtmp3.6/4, Error ellipse: s-maj=174.3km s-min=23.5km az=63.0, Southern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FITZ, WRA, WB2, etc.

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h	m
					s	ISC
CHNG	Los Chungos	0.54	127	Op	15 09 48.3	+1.8
CHNG				Pg	15 09 55.0	+1.5
CHNG				Sg	15 09 56.0	
CMCH	Combarbala	0.94	66	Op	15 09 53.9	-0.3
CMCH				Sg	15 10 05.3	-1.1
CMCH				AML	15 10 09.3	
CMCH	Combarbala	0.94	66	Op	15 09 53.9	-0.3
CMCH				Sg	15 10 05.3	-1.1
CMCH				Pg	15 09 57.3	+0.3
PTCH	Petorca	1.16	128	Op	15 09 57.5	-0.7
PTCH				Sg	15 10 12.2	-1.1
PTCH				AML	15 10 14.0	
PTCH	Petorca	1.16	128	Op	15 09 57.5	-0.7
PTCH				Sg	15 10 12.2	-1.1
OVCH	Ovalle	1.18	36	Op	15 09 58.0	-0.6
OVCH				Sg	15 10 12.5	-1.3
OVCH				AML	15 10 17.1	
OVCH	Ovalle	1.18	36	Op	15 09 58.0	-0.6
OVCH				Sg	15 10 12.5	-1.3
OVCH				AML	15 10 17.1	
JACH	Jahuel	1.64	133	Op	15 10 06.4	+0.5
JACH				Sg	15 10 26.7	+1.8
ROCH	Ei Roble	1.65	149	Op	15 10 06.2	+0.3
ROCH				Sg	15 10 26.8	-0.6
TLL	Tololo Astrono	1.73	37	Op	15 10 06.8	-0.2
TLL				Sg	15 10 29.6	-0.1
TLL				AML	15 10 34.3	
TLL	Tololo Astrono	1.73	37	Op	15 10 06.8	-0.2
TLL				Sg	15 10 29.6	-0.1
TLL				AML	15 10 34.3	
LSCH	La Serena	1.77	22	Op	15 10 07.5	0.0
LSCH				Sg	15 10 31.8	+1.2
PEL	Peidehue	1.94	145	Op	15 10 09.5	-0.4
PEL				Sg	15 10 34.1	-0.6
PEL				AML	15 10 38.3	
PEL	Peidehue	1.94	145	Op	15 10 09.5	-0.4
PEL				Sg	15 10 34.1	-0.6
PEL				AML	15 10 38.3	
LCCH	Las Cruces	1.95	169	Op	15 10 10.1	+0.1
LCCH				Sg	15 10 34.1	+0.3
RCMD	Rinconada Maip	2.18	152	Op	15 10 39.9	-0.8
RCMD				Sg	15 10 39.9	-0.8
RCMD				AML	15 10 47.6	
RCMD	Rinconada Maip	2.18	152	Op	15 10 39.9	-0.8
RCMD				Sg	15 10 39.9	-0.8
RCMD				AML	15 10 47.6	
CLCH	Cerro Calan	2.22	146	Op	15 10 13.8	0.0
CLCH				Sg	15 10 39.8	-1.8
CLCH				AML	15 10 52.9	
FCH	Farellones	2.29	141	Op	15 10 15.2	+0.5
FCH				Sg	15 10 43.4	0.0
FCH				AML	15 10 55.9	
PCH	Pirque	2.41	149	Op	15 10 16.2	-0.2
CHCH	Chadras Angostu	2.63	155	Op	15 10 16.0	-3.4
LOO	Las Campanas	2.78	24	Op	15 10 20.8	-0.7
LOO				Sg	15 10 57.2	+1.7
LOO				AML	15 11 06.0	
LOO	Las Campanas	2.78	24	Op	15 10 20.8	-0.7
LOO				Sg	15 10 57.2	+1.7
LOO				AML	15 11 06.0	
CACH	Ei Canelo	2.81	155	Op	15 10 23.4	+1.5
ZON	Zonda	2.84	91	Op	15 10 25.6	+3.2
ZON				Sg	15 11 02.5	+1.5
MDZ	Mendoza	2.99	117	Op	15 10 32.2	+7.9
MDZ				Sg	15 11 13.2	+1.3
CICH	Cipreses	3.06	155	Op	15 10 26.7	+1.4
SFDO	San Fernando	3.16	165	Op	15 10 27.3	+0.6
VACH	Vallenar	3.17	20	Op	15 10 27.0	+0.2
VACH				AML	15 11 19.8	
CFAA	Coronel Fontan	3.22	92	Op	15 10 29.9	+2.4
CFAA				Sg	15 11 11.3	+4.9
CFAA				AML	15 11 11.3	+4.9
CFAA	Coronel Fontan	3.22	92	Op	15 10 29.9	+2.4
CFAA				Sg	15 11 11.3	+4.9
CFAA				AML	15 11 11.3	+4.9
PLCA	Paso Flores	9.23	173	Op	15 11 51.1	+4.9
LVC	Limon Verde	9.33	18	Op	15 11 47.8	-3.5
CPUP	Villa Florida	13.87	72	Op	15 12 54.4	+0.9
CPUP				Sg	15 15 30.2	+2.2
CPUP				AML	15 18 36.9	
CPUP	Villa Florida	13.87	72	Op	15 12 53.8	+0.3
CPUP				Sg	15 15 30.2	+2.2
CPUP				AML	15 18 36.9	
BDFB	Brasilia	27.01	60	Op	15 15 17.3	-1.9
BDFB				Sg	15 27 07.8	
BDFB				AML	15 27 07.8	
SNAAS	Snaas	53.84	159	Op	15 18 59.8	-0.4
SNAAS				Sg	15 18 59.5	-0.7
SNAAS				AML	15 18 59.5	-0.7
DBIC	Dimboko	74.39	72	Op	15 21 14.3	-1.0
DBIC				Sg	15 21 14.2	-1.0
DBIC				AML	15 21 14.2	-1.0
TOAO	Torodi Ar. Sit	83.36	70	Op	15 22 03.2	-1.3
TORD	Torodi Ar. Bea	83.36	70	Op	15 22 03.5	-1.0
CHVK	Chkalovo	145.31	39	Op	15 29 14.2	-1.0
BOROVE	Borove	145.39	41	Op	15 29 13.9	-2.1
BOROVE				PKPpdf	15 29 15.0	-0.5
MKAR	Makanchi Array	155.09	45	Op	15 29 54.0	-1.0
MKAR				PKPpab	15 29 54.0	-1.0
MKAR				AML	15 29 54.0	-1.0

IDC 16:15:20.27-8.3, 611S-13185E, h0km, mb3.8/1, mb1 3.4/3, mb1mx3.3/10, mbtmp3.3/3, ML3.1/2, Error ellipse: s-maj=616.3km s-min=31.1km az=74.0, Tanimbar Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h	m
					s	ISC
WRA	Warramunga Arr	13.96	170	Op	15 13 47.1	+0.7
WRA				Sg	15 16 08.1	-1.4
ASAR	Alice Springs	17.57	174	Op	15 14 33.5	0.0
ASAR				Sg	15 17 31.2	-1.9
MKAR	Makanchi Array	68.50	326	Op	15 21 31.6	+0.2
MKAR				Sg	15 21 31.6	+0.2

NEIC 16:15:21:55.3, 3230S-7190W, h38km, MD3.6(GUC), After GUC.

GUC 16:15:21:55.3-0.7, 3230S-7190W, h38km, MD3.6, ML2.7, 1C-2D, Near coast of central Chile

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h	m
					s	ISC
PACH	Papudo	0.46	122	Op	15 22 05.3	-0.2
PACH				Sg	15 22 12.8	+0.3
CHNG	Los Chungos	0.53	39	Op	15 22 06.3	-0.1
CHNG				Sg	15 22 14.5	+0.2
CHNG				AML	15 22 15.1	
PTCH	Petorca	0.82	88	Op	15 22 10.9	+0.5
PTCH				Sg	15 22 22.5	+1.2
PTCH				AML	15 22 23.4	
PTCH	Petorca	0.82	88	Op	15 22 10.9	+0.5
PTCH				Sg	15 22 22.5	+1.2
PTCH				AML	15 22 23.4	
ROCH	Ei Roble	1.01	132	Op	15 22 14.1	+1.2
ROCH				Sg	15 22 28.1	+2.2
JACH	Jahuel	1.17	110	Op	15 22 16.4	+1.3
JACH				Sg	15 22 32.4	+2.2
JACH				AML	15 22 34.1	+1.2
PEL	Peidehue	1.33	130	Op	15 22 36.4	+2.6
PEL				Sg	15 22 36.4	+2.6
PEL				AML	15 22 38.6	

comp=N, 483nm, 0.3s

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h	m
					s	ISC
PEL	Peidehue	1.33	130	Op	15 22 36.4	+2.6
PEL				Sg	15 22 36.4	+2.6
PEL				AML	15 22 38.6	
RCMD	Rinconada Maip	1.50	143	Op	15 22 47.1	+1.5
RCMD				Sg	15 22 47.1	+1.5
RCMD				AML	15 22 49.1	
RCMD	Rinconada Maip	1.50	143	Op	15 22 21.3	+1.5
RCMD				Sg	15 22 40.7	+2.6
RCMD				AML	15 22 44.2	+2.0
FCH	Farellones	1.70	128	Op	15 22 46.1	+3.1
FCH				Sg	15 22 49.1	
FCH				AML	15 22 49.1	

comp=E, 110nm, 0.2s
IDC 16:15:26:58.2-3.6, 3279N-8370E, h0km, mb3.3/3, mb1 3.6/4, mb1mx3.4/20, mbtmp3.4/4, ML2.5/1, MS3.7/2, Ms1 3.7/2, ms1mx3.0/21, Error ellipse: s-maj=104.3km s-min=32.5km az=88.0

ISCJB 16:15:27:03.0-1.7, 330N-0.1-836E-0.5, h51km, 26km, mb3.2/3, MS3.8/2, Error ellipse: s-maj=66.2km s-min=15.7km az=166.0

ISC 16:15:27:05.1-1.4, 3302N-009-837E-0.4, h50km, 21km, n9, s1969R, mb3.2/3, MS3.8/2, Xizang

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h	m
					s	ISC
GKN	Gorkha	5.07	171	Op	15 28 22.1	+3.6
KOLN	Koldanda	5.24	181	Op	15 28 21.8	+1.0
GUN	Gumba	5.43	159	Op	15 28 22.9	-0.5
DMN	Daman	5.53	167	Op	15 28 22.3	-2.5
MKAR	Makanchi Array	13.80	356	Op	15 30 17.4	-0.5
MKAR				Sg	15 32 02.6	+1.0
SOMM	Somgino Array	22.63	43	Op	15 59 16.5	
SOMM				Sg	15 59 16.5	
HFS	Hagfors	52.17	323	Op	15 59 16.5	
HFS				Sg	15 59 16.5	
WRA	Warramunga Arr	71.50	130	Op	15 58 19.9	-0.6
WRA				Sg	16 14 22.0	
ASAR	Alice Springs	73.95	133	Op	15 58 35.0	-1.0
ASAR				Sg	15 58 35.0	-1.0

MAN 16:15:39:09.9, 1251N-12358E, h7km, mb3.1, ML4.4, MS1.4, 1C-2D, Luzon

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h	m
					s	ISC
MMPH	Masbate	0.15	164	Op	15 39 13.9	+0.9
MMPH				Sg	1	

16d 21h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warrunganga Arr, WB2 Warrunganga Arr, AS31 Alice Springs, etc.

CASC 16:20:09:34.8:2.0,1060N-8614W,h10km,7km,MD3.7,ML3.7,12C-6D,Off coast of Costa Rica

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CRZC La Cruz, VCR Vista de Mar, SSWN San Juan del S, etc.

LDG 16:20:23:55.4:1.3,1821S-16720E,h10km, Error ellipse: s-maj=292.1km s-min=8.6km az=95.0

ISCJB 16:20:24:01.7:5.4,214AS-04x1700E.03,h145km,32km,mb3.4/2, Error ellipse: s-maj=83.2km s-min=21.9km az=57.7

IDC 16:20:24:01.6:4.5,2122S-16999E,h131km,34km,mb3.1/2,mb1.3/6.4,mb1mx3.4/13,mbtmp3.9/4, Error ellipse: s-maj=50.8km s-min=30.9km az=20.0

ISC 16:20:24:02.3:5.2,213S-04x1700E.03,h131km,31km,n25,+0570.7,mb3.42, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, WRA Warrunganga Arr, ASAR Alice Springs, etc.

CSEM 16:20:29:11.9:0.1,6726N-2065E,h1km,ML3.3, Error ellipse: s-maj=3.0km s-min=2.3km az=84.0, Mining explosion.

UPP 16:20:29:13.0,6718N-2068E,h0km,ML3.3, Mining explosion.

HEL 16:20:29:13.7:0.0,6718N-2069E,h0km,ML3.3(UPP), Suspected explosion, Sweden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DUNU Dunderet, MASU Masungusbyn, KUA Kuravaara, etc.

2006 OCT

Table with columns: SALU, NIKU, PAJU, LANU, HARU, KALU, SJUU, KIF, KIF, LILU, KALU, SGF, BURU, OULU, KEV, KU4, KU4. Includes station names and times.

ISCJB 16:20:32:22.8:0.3,4979N-002x1833E.003,h0km, Error ellipse: s-maj=3.6km s-min=2.4km az=33.9

IPEC 16:20:32:23.6:0.1,4976N-1845E,h0km,ML2.0/4, Error ellipse: s-maj=1.7km s-min=0.7km az=165.0

CSEM 16:20:32:24.4:0.2,4982N-1841E,h1km,ML3.0/6, Error ellipse: s-maj=4.3km s-min=3.0km az=7.0, Mining induced.

VIE 16:20:32:24.3:0.5,4967N-1834E,h0km,mb1.8/3,ML2.4/4, Error ellipse: s-maj=3.3km s-min=1.8km az=94.0 19 km SSE of Ostrava Suspected Mining induced.

PRU 16:20:32:25.0,4981N-1832E,h0km, Rockburst, Felt In Havirov Mining induced.

ISC 16:20:32:23.8:0.3,4978N-002x1834E.003,h0km,n28,+0121/54,3C-1D,Czech and Slovak Republics

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OKC Ostrava-Krasne, OKC Ostrava-Krasne, RAC Raciborz, MORC Moravsky Berou, etc.

WEL 16:20:52:19.7:0.5,3510S-17751E,h33km,ML4.7/4, Error ellipse: s-maj=5.8km s-min=3.8km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MXZ Matakaoa Point, URZ Urewera, URZ Urewera, etc.

ICD 16:21:27:55.3:1.5,3554N-7089E,h0km,mb3.6/2,mb1.3/6.5,mb1mx3.4/23,mbtmp3.8/5,ML3.4/3, Error ellipse: s-maj=35.4km s-min=32.6km az=106.0, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like THN Thein Dam, MKAR Makanchi Array, BVAR Borovoye Array, etc.

ICD 16:21:35:46.8:7.0,2193N-14344E,h0km,mb3.7/6,mb1.3/8.6,mb1mx3.7/21,mbtmp3.7/6,MS3.6/1,Ms1.3/6.1,ms1mx2.9/30, Error ellipse: s-maj=288.6km s-min=21.8km az=77.0, Mariana Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, SONM Songoing Array, WRA Warrunganga Arr, etc.

ISCJB 16:21:38:10.6:0.8,5144N-004x1602E.004,h0km, Error ellipse: s-maj=5.5km s-min=3.1km az=22.7

582

NEIC 16:21:38:10.6:0.7,5158N-1601E,h5km,ML2.5(SZGRF), Error ellipse: s-maj=8.3km s-min=6.1km az=31.0

IPEC 16:21:38:10.6:0.3,5158N-1626E,h0km,ML2.0/3, Error ellipse: s-maj=4.4km s-min=2.0km az=85.0

WAR 16:21:38:11.9,5154N-1603E,ML2.4, Mining Induced

CSEM 16:21:38:11.9,5150N-1601E,h1km,ML2.9/6, Error ellipse: s-maj=2.8km s-min=1.3km az=17.0

VIE 16:21:38:12.4:0.6,5136N-1616E,h0km,mb1.7/1,ML2.5/4, Error ellipse: s-maj=3.6km s-min=3.4km az=168.0 66 km WNW of Breslau Suspected Mining induced.

PRU 16:21:38:12.4:0.6,5154N-1599E,h0km, Error ellipse: s-maj=3.6km s-min=3.4km az=168.0 66 km WNW of Breslau Suspected Mining induced.

ISC 16:21:38:10.4:0.6,5154N-003x1601E.004,h0km,n24,+0892/46,3C-1D,Poland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KSP Ksiaz, KSP Ksiaz, KSP Ksiaz, etc.

SZGRF 16:21:44:02.8,1908S-17795W,h33km,Fiji Islands region

BUI 16:21:45:06.3,1720S-17650W,h57km,mb5.0,mb4.5, Error ellipse: s-maj=17.2km s-min=10.7km az=173.0

ISCJB 16:21:45:07.2:0.7,1803S-17851W,0.06,h59km,9km,mb4.4/37, Error ellipse: s-maj=13.3km s-min=6.7km az=109.0

NEIC 16:21:45:07.4:0.8,1794S-17852W,h57km,9km,mb4.4/23, Error ellipse: s-maj=12.5km s-min=6.2km az=143.0

IDC 16:21:45:09.1:1.3,1793S-17855W,h602km,15km,mb3.8/13,mb1.4/0.15,mb1mx4.0/17,mbtmp4.7/15, Error ellipse: s-maj=15.9km s-min=9.1km az=178.0

ISC 16:21:45:07.8:0.7,1804S-007x17843W.007,h586km,9km,n205,+0892/67,mb4.4/37,39C-11D,Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, DZM Mont Dzumac, URZ Urewera, etc.

16d 23h

B06A	Marblemount	53.79	55	↓P	P	23 32 26.4	-0.8
ARU	Arti	53.97 317			P	23 32 27.0	-1.5
ARU	Arti	53.97 317			P	23 32 26.9	-1.6
ARU					e	23 32 59.0	-1.1
ARU					eS	23 33 31.0	
ARU					eSS	23 39 53.5	-0.2
ARU					pmx	23 43 37.6	+0.9
ARU	Arti	53.97 317			P	23 32 27.0	-1.5
ARU					eP	23 32 58.3	-1.8
AML	Almayashu	53.99 295			P	23 33 31.9	+0.0
KSH	Kashi	54.13 291			eP	23 32 31.3	+1.7
KSH					eAP	23 33 04.0	+2.7
KSH					eXP	23 33 20.3	+4.1
KSH					ePCP	23 33 34.5	+1.9
KSH					ePP	23 34 36.3	+3.8
KSH					eSCP	23 37 17.3	-0.6
KSH					ePCS	23 37 33.4	+1.3
KSH					eS	23 39 54.3	-1.5
KSH					eKS	23 40 51.1	+0.7
KSH					eSCS	23 42 03.3	-2.0
KSH					eSS	23 43 37.0	-2.2
KSH					AMB		
KSH					LR		
KSH					LR		
KSH					LR		
C05A	Tolt Reservoir	54.14	56	P	P	23 32 29.2	-0.5
E04A	Onalaska	54.19	58	↑P	P	23 32 30.3	+0.3
D05A	Enumclaw	54.27	57	↑P	P	23 32 31.5	+1.0
B07A	Winthrop	54.57	55	P	P	23 32 32.5	-0.3
F04A	Amboj	54.74	58	↑P	P	23 32 34.0	0.0
GUN	Gumba	54.90 274			eP	23 32 36.2	+1.1
D06A	Cle Elum	54.90	56	P	P	23 32 35.1	0.0
C07A	Waterville	55.05	55	P	P	23 32 35.5	-0.8
I02A	Mapleton	55.05	61	↑P	P	23 32 36.3	0.0
A09A	Danville	55.11	53	P	P	23 32 36.4	-0.2
E06A	Yakima	55.20	57	↑P	P	23 32 37.3	-0.1
EBG	Ellensburg	55.22	56	P	P	23 32 37.5	0.0
DAG	Danmarks Havn	55.22 358			↑P	23 32 35.6	-1.9
DAG	Danmarks Havn	55.22 358			↑P	23 32 35.6	-1.9
F05A	White Salmon	55.32	58	↑P	P	23 32 38.4	+0.3
EDM	Edmonton	55.33	47	eP	P	23 32 37.6	-0.6
EDM	Edmonton	55.33	47	eP	P	23 33 10.7	+0.7
EDM	Edmonton	55.33	47	eP	P	23 33 10.7	+0.7
EDM	Edmonton	55.33	47	eP	P	23 33 36.1	-1.0
KKN	Kakani	55.38	274		eP	23 32 40.1	+1.5
D07A	Quincy	55.38	56	P	P	23 32 38.0	-0.6
I03A	Eugene	55.39	61	↑P	P	23 32 39.4	+0.7
PKI	Pulchoki	55.44	274		eP	23 32 40.4	+1.4
EPH	Ephrata	55.50	55	P	P	23 32 38.5	-0.9
HOOD	Mount Hood Mea	55.54	59	eP	P	23 32 40.1	+0.4
C08A	Higginbotham F	55.55	55	P	P	23 32 39.1	-0.7
J02A	Umpqua	55.58	61	↑P	P	23 32 40.0	0.0
H04A	Detroit Lake	55.61	59	P	P	23 32 40.1	-0.1
DMN	Daman	55.61 274			P	23 32 41.4	+1.1
A10A	Northport	55.65	53	P	P	23 32 40.0	-0.6
B09A	Rice	55.66	54	P	P	23 32 40.2	-0.5
GKN	Gorkha	55.67 275			eP	23 32 41.5	+0.8
G05A	Wamic	55.77	58	↑P	P	23 32 40.7	-0.7
E07A	Sunnyside	55.82	56	P	P	23 32 41.0	-0.7
J03A	Ideyld Park	55.93	61	P	P	23 32 43.3	+0.7
C09A	Chrisman Ranch	55.96	54	↑P	P	23 32 41.9	-0.8
K02A	Glendale	55.98	62	↑P	P	23 32 41.9	-1.0
KEV	Kevo	56.00 340			P	23 32 39.7	-3.3
D08A	Wollman Farm,	56.05	55	P	P	23 32 42.6	-0.8
HAWA	Hanford	56.10	56	eP	P	23 32 43.0	-0.7
HAWA					eP	23 33 13.9	-1.7
HAWA					eSP	23 33 28.6	-2.0
HAWA					ePCP	23 33 39.9	-0.3
M01C	Crescent City	56.16	63	↑P	P	23 32 42.5	-1.6
G06A	Carlson Farm,	56.17	58	↑P	P	23 32 43.5	-0.7
F07A	Phinny Hill Vi	56.17	57	↑P	P	23 32 44.2	-0.1
H05A	Madras	56.18	59	↑P	P	23 32 43.2	-1.0
L02A	Cave Junction	56.28	63	↑P	P	23 32 45.8	+0.8
NEW	Newport	56.31	53	eP	P	23 32 44.5	-0.7
NEW	Newport	56.31	53	eP	P	23 32 44.5	-0.7
NEW	Newport	56.31	53	eP	P	23 33 16.7	-0.4
NEW	Newport	56.31	53	eP	P	23 33 41.3	+0.4
D09A	Jones Farm, Ri	56.38	55	P	P	23 32 45.0	-0.7
HUMO	Hull Mountain	56.39	62	eP	P	23 32 45.8	0.0
HUMO	Hull Mountain	56.39	62	eP	P	23 33 42.1	+0.8
HUMO	Hull Mountain	56.39	62	eP	P	23 32 46.2	+0.4
C10A	Spilker Farm,	56.47	54	↑P	P	23 32 45.2	-1.2
ARCES	ARCES Array B	56.51 340			P	23 32 45.3	-1.3
ARCES	ARCES Array B	56.51 340			P	23 33 41.0	-0.7
ARCES	ARCES Array B	56.51 340			P	00 00 18.9	
ARCES	ARCES Array B	56.51 340			P	23 32 45.3	-1.3
ARCES	ARCES Array B	56.51 340			P	23 33 41.1	
ARCES	ARCES Array B	56.51 340			P	23 33 45.4	-1.3
ARCES	ARCES Array S	56.51 276			P	23 32 47.7	+1.1
ARCES	ARCES Array S	56.51 276			P	23 32 47.7	+1.1
KTRM	Thompson Ridge	56.56	63	P	P	23 32 47.5	+0.5
WIFM	Ingram Point	56.61	59	P	P	23 32 47.4	+0.1
H06A	White Mountain	56.64	58	P	P	23 32 47.5	-0.1
A12A	Yaak River Ran	56.69	52	P	P	23 32 48.0	0.0
G07A	Ruggs Ranch, H	56.70	58	↑P	P	23 32 47.2	-0.7
E09A	Wood Farm, Sta	56.80	56	P	P	23 32 48.3	-0.4
F08A	Pendleton	56.88	57	P	P	23 32 49.2	-0.1

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KHMM	Horse Mountain	56.98	64	eP	P	23 32 51.8	+1.9
J05A	Fort Rock	56.99	60	P	P	23 32 50.8	+0.8
YBH	Yreka Blue Hor	57.07	63	eP	P	23 32 51.1	+0.5
YBH	Yreka Blue Hor	57.07	63	eP	P	23 32 51.1	+0.5
YBH	Yreka Blue Hor	57.07	63	eP	P	23 32 51.1	+0.5
YBH	Yreka Blue Hor	57.07	63	eP	P	23 32 51.1	+0.5
G08A	Pilot Rock	57.08	57	P	P	23 32 50.6	-0.1
K04A	Chilgwin	57.11	61	↑P	P	23 32 50.9	0.0
H07A	Lands Inn, Kim	57.16	58	↑P	P	23 32 51.0	-0.2
I06A	Prineville	57.19	59	P	P	23 32 51.8	+0.4
M02C	Callahan	57.19	63	P	P	23 32 52.0	+0.6
N02C	Big Bar	57.27	64	↑P	P	23 32 51.7	-0.2
L04A	Klamath Falls	57.28	62	↑P	P	23 32 51.8	-0.3
A13A	Flathead Natio	57.34	51	↑P	P	23 32 52.3	-0.2
O01C	Eel River Cons	57.38	65	↑P	P	23 32 54.2	+1.5
F09A	S2 Ranch, Elgi	57.46	56	↑P	P	23 32 52.9	-0.1
I07A	Izee	57.51	59	P	P	23 32 53.7	0.0
AB31	Akbulak array	57.53	309	eP	P	23 32 52.8	-1.0
AB31	Akbulak array	57.53	309	eP	P	23 32 52.8	-1.0
C12A	Trout Creek	57.53	53	↑P	P	23 32 54.1	+0.3
WALA	Waterton Lakes	57.53	51	eP	P	23 32 53.6	-0.3
WALA	Waterton Lakes	57.53	51	eP	P	23 33 37.1	
WALA	Waterton Lakes	57.53	51	eP	P	23 32 55.0	-3.8
K05A	Summer Lake	57.53	61	↑P	P	23 32 55.2	+1.4
M04C	Macdoel	57.55	62	P	P	23 32 54.8	+0.8
PMG	Port Moresby	57.57	187	eP	P	23 32 53.6	-0.5
PMG	Port Moresby	57.57	187	eP	P	23 32 53.6	-0.5
PMG	Port Moresby	57.57	187	eP	P	23 32 53.6	-0.5
BOK	Bokaro	57.64	270	eP	P	23 32 54.4	-0.2
BOK	Bokaro	57.64	270	eP	P	23 33 00.5	
J06A	Christmas Vall	57.64	60	P	P	23 32 55.0	+0.4
B13A	Whitefish	57.66	52	P	P	23 32 54.7	0.0
H08A	Prairie City	57.71	58	P	P	23 32 55.4	+0.3
BSMT	Bassoo Peak	57.81	53	P	P	23 32 55.9	+0.1
K06A	Raley Falls	57.86	60	P	P	23 32 56.8	+0.7
WDC	Whiskeytown Da	57.87	64	eP	P	23 32 55.6	-0.6
WDC	Whiskeytown Da	57.87	64	eP	P	23 33 27.5	-0.8
WDC	Whiskeytown Da	57.87	64	eP	P	23 33 42.8	-0.3
WDC	Whiskeytown Da	57.87	64	eP	P	23 32 55.6	-0.7
WDC	Whiskeytown Da	57.87	64	eP	P	23 32 27.5	-0.7
WDC	Whiskeytown Da	57.87	64	eP	P	23 32 42.8	-0.4
WDC	Whiskeytown Da	57.87	64	eP	P	23 32 55.7	-0.5
O02C	Red Bluff	57.98	64	P	P	23 32 57.4	+0.4
L05A	Lakeview	57.98	61	P	P	23 32 57.8	+0.8
C13A	Hot Springs	58.03	53	P	P	23 32 57.4	+0.1
J07A	Hines	58.05	59	P	P	23 32 58.4	+0.9
P01C	Double B Ranch	58.08	65	↑P	P	23 32 57.5	-0.2
I08A	Dreesey	58.14	58	P	P	23 32 58.6	+0.5
H09A	Durkee	58.19	57	P	P	23 32 58.8	+0.4
M05C	Lookout	58.22	62	↑P	P	23 32 59.3	+0.7
GASB	Alder Springs	58.34	64	P	P	23 33 00.1	+0.7
HATC	Hat Creek Radi	58.37	63	↑P	P	23 32 59.3	-0.4
MOD	Modoc	58.38	61	eP	P	23 32 59.9	+0.2
MOD	Modoc	58.38	61	eP	P	23 33 29.2	-2.7
MOD	Modoc	58.38	61	eP	P	23 33 00.0	+0.3
L0BC	Butte Creek Ri	58.43	63	P	P	23 32 60.0	-0.1
K07A	Rock Creek Ran	58.43	60	P	P	23 33 01.1	+0.4
HOPS	Hopland	58.54	65	↑P	P	23 33 01.0	+0.1
J08A	Circle Bar Ran	58.54	59	P	P	23 3	

Table with columns: RLMT, Red Lodge, 62.48, 52, eP, P, 23 33 28.1 +0.5. Includes entries like Circle Ranch, Red Ridge, Wendover, West, etc.

Table with columns: BELC, Belle Mtn., 66.11, 65, P, P, 23 33 50.4 -0.8. Includes entries like Camp Elliot, Iron Mountain, Monument Peak, etc.

Table with columns: PALK, Pallekele, 72.91, 262, eP, P, 23 34 35.5 +2.6. Includes entries like State Center, SCIA, L'vov, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NWAO Narrogin (SRO), NWAO Narrogin (SRO), VSL Villasalto, etc.

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

ISCJB 17 00:00:23.6:0.8, 5151N, 004x1601E, 0.05, h0km, Error ellipse: s-maj=6.0km s-min=3.7km az=63.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSP Ksiaz, UPC Ujice, DPC Dobruska-Polom, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OKC Ostrava-Krasne, VRAC Vranov, TREC Trest, etc.

IDC 17 00:04:49.7:16.0, 1729S:17870W, h519km, 203km, mb3.1/5, mbl 3.4/5, mb1mx3.2/13, mbtmp4.0/5, Error ellipse: s-maj=160.1km s-min=42.8km az=170.0, Fiji Islands region

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

IDC 17 00:16:38.4:9.8, 2084S:17906W, h695km, 129km, mb2.8/6, mbl 3.1/6, mb1mx3.0/12, mbtmp3.9/6, Error ellipse: s-maj=49.7km s-min=29.8km az=60.0, Fiji Islands region

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

ISCJB 17 00:21:22.3:0.2, 4768N:002:744E, 0.02, h12km, 2km, Error ellipse: s-maj=2.6km s-min=2.2km az=142.5

ZUR 17 00:21:23.5, 4767N:747E, h14km, 2km, ML1.5/4 LEDBW 17 00:21:23.6:0.2, 4767N:001:7463E, 0.009, h14km, 3km, ML1.4, Error ellipse: s-maj=3.8km s-min=3.0km az=20.0

LDG 17 00:21:23.8:0.1, 4767N:745E, h10km, M2/2, M2/0, 1/0, Error ellipse: s-maj=1.2km s-min=1.0km az=71.0

STR 17 00:21:23.5:0.2, 4768N:743E, h10km, 1km, M11.8, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LOES Loerach-Stett, BBS Basel-Blauen, MOF Molkenrain, etc.

ISCJB 17 00:00:23.6:0.8, 5151N, 004x1601E, 0.05, h0km, Error ellipse: s-maj=6.0km s-min=3.7km az=63.2

ISCJB 17 00:00:23.6:0.8, 5151N, 004x1601E, 0.05, h0km, Error ellipse: s-maj=6.0km s-min=3.7km az=63.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WLS Welschbrunn, WLS Welschbrunn, CDF Champ du Feu, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SFTF 4.6nm, 0.3s, MEZF Maizieres J'vi, etc.

NEIC 17 00:37:24.5, 1822N:10027W, h36km, MD3.4(MEX), After MEX. MEX 17 00:37:25.3:1.3, 1820N:10003W, h65km, 25km, MD3.5, Guerrero

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MEIG Mezcala, PLIG Platanillo, PLIG Platanillo, etc.

IDC 17 00:38:58.3:1.9, 239N:12543E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.5/15, mbtmp3.6/3, Error ellipse: s-maj=181.7km s-min=24.1km az=65.0, Talaud Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, MKAR Makanchi Array, etc.

IDC 17 00:59:15.8:1.3, 2241N:14479E, h0km, mb3.5/4, mb1 3.8/4, mb1mx3.6/18, mbtmp3.5/4, Error ellipse: s-maj=52.7km s-min=27.6km az=93.0, Volcano Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SONM Songoing Array, WRA Warramunga Arr, etc.

BUI 17 01:25:04.6, 632S:15192E, h32km, mb6.9, mb5.9, Ms6.9, Msz6.8

MOS 17 01:25:11.6:1.2, 583S:15096E, h38km, mb6.2/60, MS6.9/68, Error ellipse: s-maj=6.8km s-min=5.4km az=86.2

ISCJB 17 01:25:11.3:0.1, 591S:002:15099E, 0.02, h32km, mb6.2/34, MS6.8/224 Error ellipse: s-maj=3.1km s-min=2.4km az=10.6

GCMT 17 01:25:12.0:1.1, 609S:15126E, h32km, MW6.7/116, Moment Tensor Solution. s116,c285; s116,c528; Duration: S44 Moment tensor: Scale 10^19Nm; Mr:1.39e-01; Ms:0.54e-01; M0:0.85e-01; Me:0.02e-01; M0:0.45e-01; M0:0.53e-01; Best double couple: M0:1.37800x10^19 NP1:0.43,000000; 0.86,000000; 1.05,000000; NP2:0.205,000000; 0.85,000000; 1.79,000000; Principal axes: T: 1.5100, Plg77.0000; Azm80.0000; N: -0.2670, Plg9.0000; Azm21.1.0000; P: -1.2460, Plg13.0000; Azm303.0000; n: nst1 refers to body waves, cutoff=50s. nst2 refers to surface/mantle waves, cutoff=50s.

NEIC 17 01:25:12.0:1.1, 588S:15098E, h32km, mb6.4/62, ME6.6, MS6.9/151, MW6.6 Error ellipse: s-maj=3.8km s-min=3.6km az=98.0, Moment Tensor Solution. s43 Moment tensor: Scale 10^19Nm; Mr:0.00; M0:0.00; Ms:0.00; Best double couple: M0:1.00000x10^19 NP1:0.186,000000; 0.88,000000; 1.86,000000; NP2:0.13,000000; 0.82,000000; 1.96,000000; Principal axes: T: 1.0200, Plg77.0000; Azm63.0000; N: 0.0000, Plg93.0000; Azm188.0000; P: -1.0200, Plg13.0000; Azm279.0000; Azm303.0000; n: nst1 refers to body waves, cutoff=50s. nst2 refers to surface/mantle waves, cutoff=50s.

NEIC 17 01:25:12.0:1.1, 588S:15098E, h32km, mb6.4/62, ME6.6, MS6.9/151, MW6.6 Error ellipse: s-maj=3.8km s-min=3.6km az=98.0, Moment Tensor Solution. s43 Moment tensor: Scale 10^19Nm; Mr:0.00; M0:0.00; Ms:0.00; Best double couple: M0:1.00000x10^19 NP1:0.186,000000; 0.88,000000; 1.86,000000; NP2:0.13,000000; 0.82,000000; 1.96,000000; Principal axes: T: 1.0200, Plg77.0000; Azm63.0000; N: 0.0000, Plg93.0000; Azm188.0000; P: -1.0200, Plg13.0000; Azm279.0000; Azm303.0000; n: nst1 refers to body waves, cutoff=50s. nst2 refers to surface/mantle waves, cutoff=50s.

NEIC 17 01:25:12.0:1.1, 588S:15098E, h32km, mb6.4/62, ME6.6, MS6.9/151, MW6.6 Error ellipse: s-maj=3.8km s-min=3.6km az=98.0, Moment Tensor Solution. s43 Moment tensor: Scale 10^19Nm; Mr:0.00; M0:0.00; Ms:0.00; Best double couple: M0:1.00000x10^19 NP1:0.186,000000; 0.88,000000; 1.86,000000; NP2:0.13,000000; 0.82,000000; 1.96,000000; Principal axes: T: 1.0200, Plg77.0000; Azm63.0000; N: 0.0000, Plg93.0000; Azm188.0000; P: -1.0200, Plg13.0000; Azm279.0000; Azm303.0000; n: nst1 refers to body waves, cutoff=50s. nst2 refers to surface/mantle waves, cutoff=50s.

NEIC 17 01:25:12.0:1.1, 588S:15098E, h32km, mb6.4/62, ME6.6, MS6.9/151, MW6.6 Error ellipse: s-maj=3.8km s-min=3.6km az=98.0, Moment Tensor Solution. s43 Moment tensor: Scale 10^19Nm; Mr:0.00; M0:0.00; Ms:0.00; Best double couple: M0:1.00000x10^19 NP1:0.186,000000; 0.88,000000; 1.86,000000; NP2:0.13,000000; 0.82,000000; 1.96,000000; Principal axes: T: 1.0200, Plg77.0000; Azm63.0000; N: 0.0000, Plg93.0000; Azm188.0000; P: -1.0200, Plg13.0000; Azm279.0000; Azm303.0000; n: nst1 refers to body waves, cutoff=50s. nst2 refers to surface/mantle waves, cutoff=50s.

NEIC 17 01:25:12.0:1.1, 588S:15098E, h32km, mb6.4/62, ME6.6, MS6.9/151, MW6.6 Error ellipse: s-maj=3.8km s-min=3.6km az=98.0, Moment Tensor Solution. s43 Moment tensor: Scale 10^19Nm; Mr:0.00; M0:0.00; Ms:0.00; Best double couple: M0:1.00000x10^19 NP1:0.186,000000; 0.88,000000; 1.86,000000; NP2:0.13,000000; 0.82,000000; 1.96,000000; Principal axes: T: 1.0200, Plg77.0000; Azm63.0000; N: 0.0000, Plg93.0000; Azm188.0000; P: -1.0200, Plg13.0000; Azm279.0000; Azm303.0000; n: nst1 refers to body waves, cutoff=50s. nst2 refers to surface/mantle waves, cutoff=50s.

NEIC 17 01:25:12.0:1.1, 588S:15098E, h32km, mb6.4/62, ME6.6, MS6.9/151, MW6.6 Error ellipse: s-maj=3.8km s-min=3.6km az=98.0, Moment Tensor Solution. s43 Moment tensor: Scale 10^19Nm; Mr:0.00; M0:0.00; Ms:0.00; Best double couple: M0:1.00000x10^19 NP1:0.186,000000; 0.88,000000; 1.86,000000; NP2:0.13,000000; 0.82,000000; 1.96,000000; Principal axes: T: 1.0200, Plg77.0000; Azm63.0000; N: 0.0000, Plg93.0000; Azm188.0000; P: -1.0200, Plg13.0000; Azm279.0000; Azm303.0000; n: nst1 refers to body waves, cutoff=50s. nst2 refers to surface/mantle waves, cutoff=50s.

NEIC 17 01:25:12.0:1.1, 588S:15098E, h32km, mb6.4/62, ME6.6, MS6.9/151, MW6.6 Error ellipse: s-maj=3.8km s-min=3.6km az=98.0, Moment Tensor Solution. s43 Moment tensor: Scale 10^19Nm; Mr:0.00; M0:0.00; Ms:0.00; Best double couple: M0:1.00000x10^19 NP1:0.186,000000; 0.88,000000; 1.86,000000; NP2:0.13,000000; 0.82,000000; 1.96,000000; Principal axes: T: 1.0200, Plg77.0000; Azm63.0000; N: 0.0000, Plg93.0000; Azm188.0000; P: -1.0200, Plg13.0000; Azm279.0000; Azm303.0000; n: nst1 refers to body waves, cutoff=50s. nst2 refers to surface/mantle waves, cutoff=50s.

NEIC 17 01:25:12.0:1.1, 588S:15098E, h32km, mb6.4/62, ME6.6, MS6.9/151, MW6.6 Error ellipse: s-maj=3.8km s-min=3.6km az=98.0, Moment Tensor Solution. s43 Moment tensor: Scale 10^19Nm; Mr:0.00; M0:0.00; Ms:0.00; Best double couple: M0:1.00000x10^19 NP1:0.186,000000; 0.88,000000; 1.86,000000; NP2:0.13,000000; 0.82,000000; 1.96,000000; Principal axes: T: 1.0200, Plg77.0000; Azm63.0000; N: 0.0000, Plg93.0000; Azm188.0000; P: -1.0200, Plg13.0000; Azm279.0000; Azm303.0000; n: nst1 refers to body waves, cutoff=50s. nst2 refers to surface/mantle waves, cutoff=50s.

NEIC 17 01:25:12.0:1.1, 588S:15098E, h32km, mb6.4/62, ME6.6, MS6.9/151, MW6.6 Error ellipse: s-maj=3.8km s-min=3.6km az=98.0, Moment Tensor Solution. s43 Moment tensor: Scale 10^19Nm; Mr:0.00; M0:0.00; Ms:0.00; Best double couple: M0:1.00000x10^19 NP1:0.186,000000; 0.88,000000; 1.86,000000; NP2:0.13,000000; 0.82,000000; 1.96,000000; Principal axes: T: 1.0200, Plg77.0000; Azm63.0000; N: 0.0000, Plg93.0000; Azm188.0000; P: -1.0200, Plg13.0000; Azm279.0000; Azm303.0000; n: nst1 refers to body waves, cutoff=50s. nst2 refers to surface/mantle waves, cutoff=50s.

NEIC 17 01:25:12.0:1.1, 588S:15098E, h32km, mb6.4/62, ME6.6, MS6.9/151, MW6.6 Error ellipse: s-maj=3.8km s-min=3.6km az=98.0, Moment Tensor Solution. s43 Moment tensor: Scale 10^19Nm; Mr:0.00; M0:0.00; Ms:0.00; Best double couple: M0:1.00000x10^19 NP1:0.186,000000; 0.88,000000; 1.86,000000; NP2:0.13,000000; 0.82,000000; 1.96,000000; Principal axes: T: 1.0200, Plg77.0000; Azm63.0000; N: 0.0000, Plg93.0000; Azm188.0000; P: -1.0200, Plg13.0000; Azm279.0000; Azm303.0000; n: nst1 refers to body waves, cutoff=50s. nst2 refers to surface/mantle waves, cutoff=50s.

NEIC 17 01:25:12.0:1.1, 588S:15098E, h32km, mb6.4/62, ME6.6, MS6.9/151, MW6.6 Error ellipse: s-maj=3.8km s-min=3.6km az=98.0, Moment Tensor Solution. s43 Moment tensor: Scale 10^19Nm; Mr:0.00; M0:0.00; Ms:0.00; Best double couple: M0:1.00000x10^19 NP1:0.186,000000; 0.88,000000; 1.86,000000; NP2:0.13,000000; 0.82,000000; 1.96,000000; Principal axes: T: 1.0200, Plg77.0000; Azm63.0000; N: 0.0000, Plg93.0000; Azm188.0000; P: -1.0200, Plg13.0000; Azm279.0000; Azm303.0000; n: nst1 refers to body waves, cutoff=50s. nst2 refers to surface/mantle waves, cutoff=50s.

NEIC 17 01:25:12.0:1.1, 588S:15098E, h32km, mb6.4/62, ME6.6, MS6.9/151, MW6.6 Error ellipse: s-maj=3.8km s-min=3.6km az=98.0, Moment Tensor Solution. s43 Moment tensor: Scale 10^19Nm; Mr:0.00; M0:0.00; Ms:0.00; Best double couple: M0:1.00000x10^19 NP1:0.186,000000; 0.88,000000; 1.86,000000; NP2:0.13,000000; 0.82,000000; 1.96,000000; Principal axes: T: 1.0200, Plg77.0000; Azm63.0000; N: 0.0000, Plg93.0000; Azm188.0000; P: -1.0200, Plg13.0000; Azm279.0000; Azm303.0000; n: nst1 refers to body waves, cutoff=50s. nst2 refers to surface/mantle waves, cutoff=50s.

NEIC 17 01:25:12.0:1.1, 588S:15098E, h32km, mb6.4/62, ME6.6, MS6.9/151, MW6.6 Error ellipse: s-maj=3.8km s-min=3.6km az=98.0, Moment Tensor Solution. s43 Moment tensor: Scale 10^19Nm; Mr:0.00; M0:0.00; Ms:0.00; Best double couple: M0:1.00000x10^19 NP1:0.186,000000; 0.88,000000; 1.86,000000; NP2:0.13,000000; 0.82,000000; 1.96,000000; Principal axes: T: 1.0200, Plg77.0000; Azm63.0000; N: 0.0000, Plg93.0000; Azm188.0000; P: -1.0200, Plg13.0000; Azm279.0000; Azm303.0000; n: nst1 refers to body waves, cutoff=50s. nst2 refers to surface/mantle waves, cutoff=50s.

NEIC 17 01:25:12.0:1.1, 588S:15098E, h32km, mb6.4/62, ME6.6, MS6.9/151, MW6.6 Error ellipse: s-maj=3.8km s-min=3.6km az=98.0, Moment Tensor Solution. s43 Moment tensor: Scale 10^19Nm; Mr:0.00; M0:0.00; Ms:0.00; Best double couple: M0:1.00000x10^19 NP1:0.186,000000; 0.88,000000; 1.86,000000; NP2:0.13,000000; 0.82,000000; 1.96,000000; Principal axes: T: 1.0200, Plg77.0000; Azm63.0000; N: 0.0000, Plg93.0000; Azm188.0000; P: -1.0200, Plg13.0000; Azm279.0000; Azm303.0000; n: nst1 refers to body waves, cutoff=50s. nst2 refers to surface/mantle waves, cutoff=50s.

NEIC 17 01:25:12.0:1.1, 588S:15098E, h32km, mb6.4/62, ME6.6, MS6.9/151, MW6.6 Error ellipse: s-maj=3.8km s-min=3.6km az=98.0, Moment Tensor Solution. s43 Moment tensor: Scale 10^19Nm; Mr:0.00; M0:0.00; Ms:0.00; Best double couple: M0:1.00000x10^19 NP1:0.186,000000; 0.88,000000; 1.86,000000; NP2:0.13,000000; 0.82,000000; 1.96,000000; Principal axes: T: 1.0200, Plg77.0000; Azm63.0000; N: 0.0000, Plg93.0000; Azm188.0000; P: -1.0200, Plg13.0000; Azm279.0000; Azm303.0000; n: nst1 refers to body waves, cutoff=50s. nst2 refers to surface/mantle waves, cutoff=50s.

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Table with columns for location (DL2, DL2, DL2, etc.), coordinates, and performance metrics (XP, S, AMB, etc.).

2006 OCT

Table with columns for location (KMI, KMI, KMI, etc.), coordinates, and performance metrics (LR, LR, LR, etc.).

17d 1h

Table with columns for location (BTO, TBI, TBI, etc.), coordinates, and performance metrics (S, S, S, etc.).

SKAG	comp=Z,357nm,1.4s,mb6.4	eP	pP	01 38 03.1 -2.2	
SKAG		ePP	PP	01 41 15.7 -1.6	
CRAG	Craig comp=Z,769nm,1.7s,mb6.7	86.88	34	01 37 54.3 -0.3	
CRAG		eP	pP	01 38 04.0 -1.5	
CRAG		eSP	SP	01 38 07.4 -1.9	
WRAK	Wrangell Islan comp=Z,646nm,1.6s,mb6.6	87.54	33	01 37 57.1 -0.8	
WRAK		eP	pP	01 38 07.2 -1.5	
WRAK		eSP	PP	01 38 11.8 -0.8	
WRAK		ePP	PP	01 41 25.6 +2.7	
CHKZ	Chkalovo	89.06	324	01 38 02.5 -2.5	
BVAO	Borovoye Array	89.06	323	01 38 02.3 -2.7	
BVAO	Borovoye Array	89.06	323	02 03 52.4	
BVAO	comp=Z,0.9nm,0.7s,baz=254,slow=1.1,SNR=7.3		LR	02 20 14.3	
BRVK	comp=Z,411um,19.2s,MS6.9,baz=234,slow=37		P	01 38 03.1 -2.2	
BRVK	Borovoye	89.13	323	01 38 03.2 -2.1	
BRVK	Borovoye	89.13	323	01 38 20.2 +4.0	
BRVK		ePP	pP		
BRVK		pmax			
BRVK	comp=Z,64nm,1.2s,mb5.8	89.13	323	01 38 02.5 -2.8	
BRVK		eP	LR		
K01A	comp=Z,111um,20.0s,MS6.3	89.95	47	01 38 09.6 +0.4	
K01A	Sizes		P		
K01A	baz=90		S	01 48 58.7 -0.7	
JCC	Jacoby Creek	90.00	49	01 38 09.5 +0.1	
JCC	baz=90		S	01 48 58.6 -1.3	
KBO	Bosley Butte	90.05	48	01 38 10.8 +1.2	
KEBM	Edson Butte	90.06	47	01 38 10.9 +1.2	
O01C	Eel River Cons	90.07	50	01 38 10.5 +0.8	
O01C	baz=90		S	01 49 00.7 +0.2	
M01C	Crescent City	90.07	48	01 38 10.2 +0.4	
M01C	baz=90,SNR=6.0		S	01 48 58.7 -1.9	
INK	inuivik	90.11	21	01 38 07.6 -2.3	
INK	comp=Z,72nm,0.9s,mb6.0,baz=247,slow=5.3,SNR=68		P	01 43 03.6 -2.0	
INK	comp=Z,7.3nm,0.9s,baz=275,slow=1.8,SNR=4.5		PKKP	01 55 39.6 -0.3	
INK	comp=Z,12nm,0.9s,baz=35,slow=6.2,SNR=8.6		PKKPbc	02 03 48.4	
INK	comp=Z,1.6nm,0.7s,baz=133,slow=7.2,SNR=3.2		PKKPbc	02 15 10.5	
INK	comp=Z,26um,20.8s,MS6.7,baz=262,slow=33		LR		
KRMB	Red Mountain	90.19	48	01 38 10.5 +0.2	
KRMB		eP	pP	01 38 20.3 -0.9	
KRMB		eSP	SP	01 41 39.0 -5.0	
KRMB		ePP	PP	01 38 11.1 +0.3	
KIPM	Iron Peak	90.28	50	01 38 21.3 -0.3	
KIPM		eP	pP	01 41 45.1 +0.3	
KIPM		ePP	PP	01 38 10.8 -0.3	
P01C	Double 8 Ranch	90.35	51	01 49 01.4 -1.7	
P01C	baz=90		S	01 38 10.7 -0.5	
FARB	Farallon Islan	90.39	52	01 48 59.3 -4.2	
FARB	baz=90		S	01 38 12.3 +0.6	
HOPS	Hopland	90.50	51	01 38 11.9 +0.2	
HOPS	comp=Z,126nm,1.1s,mb6.2		LR		
HOPS	comp=Z,113um,20.0s,MS7.3	90.50	51	01 38 11.9 +0.2	
HOPS	baz=90,SNR=8.3		S	01 49 00.9 -3.5	
L02A	Cave Junction	90.50	48	01 38 12.0 +0.3	
L02A	baz=90,SNR=27		S	01 49 00.6 -3.8	
H02A	Toledo	90.54	45	01 38 11.7 -0.3	
H02A	baz=91		S	01 49 00.6 -4.3	
MCCM	Marconi Confer	90.54	52	01 38 11.6 -0.3	
MCCM	baz=91		S	01 49 00.6 -4.3	
N02C	Big Bar	90.55	49	01 38 12.3 +0.4	
N02C	baz=91,SNR=31		S	01 49 02.0 -2.9	
I02A	Mapleton	90.57	46	01 38 12.1 +0.1	
I02A	baz=91,SNR=13		S	01 49 02.7 -2.4	
C03A	Quillayute Air	90.60	42	01 38 12.4 +0.2	
C03A	baz=91		S	01 49 02.9 -2.5	
K02A	Glendale	90.66	47	01 38 12.5 +0.1	
K02A	baz=91,SNR=39		S	01 49 02.3 -3.7	
J02A	Umpqua	90.67	47	01 38 12.6 0.0	
J02A	baz=91,SNR=29		S	01 49 03.2 -2.9	
O7R	Olympics-Tyee	90.77	42	01 38 13.6 +0.6	
GASB	Alder Springs	90.85	50	01 38 14.0 +0.6	
GASB	baz=91,SNR=20		S	01 49 05.7 -1.9	
O02C	Red Bluff	90.86	50	01 38 13.7 +0.3	
O02C	baz=91,SNR=84		S	01 49 04.3 -3.4	
CVS	Carmenet Viney	90.89	52	01 38 13.4 -0.2	
CVS	baz=91,SNR=12		S	01 49 03.6 -4.5	
M02C	Callahan	90.96	49	01 38 14.4 +0.5	
M02C	baz=91,SNR=87		S	01 49 04.8 -3.9	
JRSC	Jasper Ridge	90.96	53	01 38 13.8 0.0	
JRSC	baz=91		S	01 49 03.3 -5.3	
I03A	Eugene	90.96	46	01 38 14.1 +0.2	
I03A	baz=91,SNR=18		S	01 49 03.4 -5.3	
MNRC	McLaughlin Nat	90.97	51	01 38 14.2 +0.3	
MNRC	baz=91,SNR=21		S	01 49 05.7 -3.1	
BNLO	Ben Lomond (Sa)	90.98	53	01 38 14.0 +0.1	
BNLO	baz=91,SNR=9.3		S	01 49 04.6 -4.3	
F03A	Seaside	91.02	44	01 38 13.7 -0.4	
F03A	baz=91,SNR=5.5		S	01 49 03.9 -5.3	
COR	Corvallis	91.02	45	01 38 14.2 0.0	
COR		ePP	pP	01 38 23.4 -1.6	
COR		eSP	SP	01 38 27.9 -1.1	
COR		pmax			
COR	comp=Z,782nm,1.7s,mb6.8		MLR		
COR	comp=Z,74um,22.0s,MS7.1	91.02	45	01 38 14.2 0.0	
COR	comp=Z,782nm,1.7s,mb6.8		LR		
COR		eP	pP	01 38 23.4 -1.7	
COR		eSP	SP	01 38 27.9 -1.1	
COR		LR			
D03A	comp=Z,74um,22.0s,MS7.1	91.02	43	01 38 14.3 +0.2	
D03A	Wishkah Elem.		S	01 49 05.4 -3.9	
HUMO	Hull Mountain	91.03	47	01 38 14.3 +0.2	
HUMO	comp=Z,376nm,1.1s,mb6.6		eP	01 38 23.9 -1.1	

HUMO	comp=Z,84um,19.0s,MS7.2	eSP	sP	01 38 29.1 +0.1	
HUMO		ePP	PP	01 41 52.5 +1.7	
HUMO		ePKKP	PKKP	01 43 15.5 +8.3	
HUMO		LR			
HUMO	comp=Z,84um,19.0s,MS7.2	91.03	47	01 38 14.3 +0.2	
HUMO	Hull Mountain		S	01 49 04.0 -5.3	
H03A	comp=Z,91um,19.0s,MS7.2	91.04	45	01 38 14.3 0.0	
H03A	Creek Ran		P	01 38 14.3 0.0	
H03A	baz=91,SNR=27		S	01 49 05.5 -4.0	
E03A	Lebam	91.09	43	01 38 14.1 -0.4	
E03A	baz=91,SNR=24		S	01 49 04.6 -5.3	
WDC	Whiskeytown Da	91.09	49	01 38 14.7 +0.2	
WDC	Whiskeytown Da	91.09	49	01 38 30.0 +1.6	
WDC		ePFAKE	LR		
WDC	comp=Z,96um,21.0s,MS7.2	91.09	49	01 38 14.5 0.0	
WDC	Whiskeytown Da		S	01 49 05.1 -4.8	
YBH	Yreka Blue Hor	91.10	48	01 38 14.8 +0.3	
YBH	comp=Z,440nm,1.3s,mb6.6		eP		
YBH		ePP	pP	01 38 26.3 +0.8	
YBH		ePP	PP	01 41 50.8 -0.6	
YBH		LR			
YBH	comp=Z,59um,19.0s,MS7.0	91.10	48	01 38 14.9 +0.4	
YBH	Yreka Blue Hor		S	01 49 04.9 -5.1	
J03A	Ideyld Park	91.12	47	01 38 15.0 +0.4	
J03A	baz=91,SNR=26		S	01 49 04.1 -6.0	
G03A	Yamhill	91.13	45	01 38 14.3 -0.4	
G03A	baz=91		S	01 49 05.3 -4.9	
Q03C	Winters	91.27	51	01 38 15.9 +0.6	
BDM	Black Diamond	91.31	52	01 38 15.8 +0.3	
BDM	baz=91		S	01 49 06.7 -5.2	
B04A	Port Angeles	91.32	42	01 38 15.4 -0.2	
B04A	baz=91,SNR=26		S	01 49 05.9 -6.1	
WENL	Wente Brothers	91.36	52	01 38 15.9 +0.2	
WENL	baz=91,SNR=14		S	01 49 06.1 -6.3	
HAST	UC Hastings Re	91.39	54	01 38 16.3 +0.4	
HAST	baz=91,SNR=16		S	01 49 06.5 -6.1	
O03C	Acorn Hollow,	91.41	50	01 38 15.8 -0.2	
O03C	baz=91,SNR=21		S	01 49 06.3 -6.5	
PGC	Sidney	91.43	41	01 38 15.9 -0.2	
LHEM	Herd Peak	91.46	48	01 38 16.5 +0.3	
SAO	San Andreas Ge	91.52	53	01 38 17.4 +0.9	
SAO	comp=Z,288nm,1.5s,mb6.4		LR		
SUTB	Sutter Butte	91.52	51	01 38 15.8 -0.7	
SUTB	baz=92		P	01 38 16.6 -0.1	
HDW	Hoodspout	91.57	42	01 38 17.8 +0.9	
H03C	Hunter Liggett	91.61	54	01 38 17.8 +0.2	
H03C	baz=92,SNR=11		P	01 38 16.7 -0.3	
C04A	Huckleberry Mo	91.64	46	01 38 17.5 +0.4	
C04A	Bronn	91.64	42	01 38 17.0 -0.2	
PACP	Pacheco Peak	91.67	53	01 38 17.3 +0.1	
PACP	baz=92,SNR=35		P	01 38 17.1 -0.1	
E04A	Anakalaska	91.67	44	01 38 17.7 +0.5	
E04A	baz=92		P	01 38 17.1 -0.3	
D04A	Dobs Creek Ra	91.68	43	01 38 17.3 +0.1	
D04A	baz=92		P	01 38 17.7 +0.5	
G04A	Mulino	91.68	45	01 38 17.1 -0.3	
S04C	Ingrain Canyon,	91.69	53	01 38 17.3 -0.3	
S04C	baz=92,SNR=35		P	01 38 17.4 -0.2	
GNW	Green Mountain	91.72	43	01 38 17.4 -0.2	
M04C	Macdoel	91.76	48	01 38 17.1 -0.5	
M04C	baz=92,SNR=90		P	01 38 17.4 -0.3	
L04A	Klamath Falls	91.76	48	01 38 17.4 -0.3	
L04A	baz=92,SNR=66		P	01 38 16.9 -0.9	
OHCM	Honcout	91.76	51	01 38 19.2 +1.3	
ORV	Oroville	91.77	51	01 38 32.0 -0.7	
Q04C	Lincoln	91.79	51	01 38 16.9 -0.9	
Q04C	baz=92,SNR=118		P	01 38 19.2 +1.3	
F04A	Amboy	91.80	44	01 38 32.0 -0.7	
F04A	baz=92,SNR=14		P	01 38 16.9 -1.0	
LRV	Little Rabbit	91.82	54	01 38 17.8 -0.1	
LRV	baz=92,SNR=36		eP	01 38 18.5 +0.5	
H04A	Detroit Lake	91.83	45	01 38 18.5 +0.1	
H04A	baz=92,SNR=22		P	01 38 17.6 -0.8	
FRIS	Frissel Point	91.83	46	01 38 18.3 -0.1	
V04C	Ramsey Ranch,	91.86	55	01 38 17.0 -1.9	
V04C	baz=92,SNR=9.7		P	01 38 19.4 +0.5	
K04A	Chilquin	91.93	48	01 38 18.4 -0.7	
K04A	baz=92,SNR=28		P	01 38 17.0 -1.9	
A04C	Legay Bay, Lum	91.93	41	01 38 18.4 -0.7	
A04C	baz=92,SNR=37		P	01 38 20.2 +0.8	
HATC	Hat Creek Radi	91.94	49	01 38 20.1 +0.7	
HATC	baz=92,SNR=28		P	01 38 19.5 0.0	
SYO	Syowa Base	92.04	200	01 38 19.5 +0.2	
SYO	Syowa Base	92.04	200	01 38 19.4 +0.5	
SYO	Syowa Base	92.04	200	01 49 13.0 -5.5	
R04C	Big Horse Ranc	92.08	52	01 38 18.4 -0.7	
R04C	baz=92,SNR=11		S	01 38 20.2 +0.8	
T05C	Eagle Field, D	92.15	53	01 38 20.1 +0.7	
T05C	baz=92,SNR=5.7		P	01 38 19.5 0.0	
PKD	Parkfield	92.16	54	01 38 19.9 +0.1	
PKD	baz=92,SNR=46		P	01 38 19.5 +0.2	
O04C	Chester	92.17	50	01 38 19.5 +0.2	
O04C	baz=92,SNR=28		P	01 38 19.5 +0.3	
M05C	Lookout	92.23	49	01 38 19.8 -0.1	
M05C	baz=92,SNR=104		P	01 38 19.8 -0.1	
D05A	Enunclaw	92.24	43	01 38 20.1 +0.7	
D05A	baz=92,SNR=15		P	01 38 19.9 +0.1	
O05C	Quincy	92.26	50	01 38 20.1 +0.7	
O05C	baz=92,SNR=34		P	01 38 20.4 -0.6	
HOOD	Mount Hood Mea	92.27	45	01 38 20.0 0.0	
LAVA	Lava Cap Wind	92.28	51	01 38 19.5 -0.6	
LAVA	baz=92,SNR=65		P	01 38 20.5 +0.1	
B05A	Bryant	92.28	42	01 38 19.3 -1.1	
B05A	baz=92,SNR=32		P	01 38 21.7 +1.2	
J05A	Fort Rock	92.36	47	01 38 31.3 -0.1	
J05A	baz=92,SNR=173		P	01 38 34.4 -1	

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes entries like PIQGIOLA, AUTN, TOUF, LUCF, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes entries like LAPAZ, OSSF, EALN, EIBI, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes entries like LIS, EJIF, EGRO, etc.

BUI 17 04:20:12.6,642S;151.46E,h36km,mb5.4,mb4.8,Ms5.1, Ms4.9
 ISCJB 17 04:20:16.0,0.2,586S;004:15105E;004,h27km, mb4.9/5,MS4.9/4, Error ellipse: s-maj=6.6km s-min=5.0km az=60.0
 MOS 17 04:20:17.5,1.0,581S;151.03E,h33km,mb5.0/15, Error ellipse: s-maj=10.3km s-min=8.6km az=86.8
 NEIC 17 04:20:17.3,0.1,590S;151.03E,mb5.0/25, Error ellipse: s-maj=6.1km s-min=5.1km az=110.0
 IDC 17 04:20:21.2,1.9,595S;151.07E,h59km,1.6km,mb4.3/16, mb1.4/5/18,mb1mx4.5/19,mbtmp4.7/18, Error ellipse: s-maj=14.4km s-min=10.5km az=127.0
 ISC 17 04:20:18.2,0.2,591S;004:15105E;005,h29km, h2km,1.3km;pp-P,n183,ct1915/126,mb4.9/55,MS4.9/4, 6C-14D, New Britain region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	h s
PMG	Port Moresby	5.19	228	P	S	04 21 37.7	+3.8
PMG		15nm,0.3s,baz=48,slow=11,SNR=18		Pn		04 22 36.2	+3.4
HNR	Honiara	9.48	112	eP	P	04 22 34.0	+1.2
HNR	Honiara	9.48	112	eP	P	04 22 33.9	+1.1
HNR	Honiara	9.48	112	ePn	Pn	04 22 33.9	+1.1
CTA	Charters Tower	14.85	198	iP	P	04 23 52.2	+6.1
CTA	Charters Tower	14.85	198	P	Pn	04 23 52.6	+6.9
CTA	Charters Tower	14.85	198	iP	Pn	04 23 52.2	+6.1
CTAO	Charters Tower	14.85	198	eP	P	04 23 52.6	+6.5
CTAO	Charters Tower	14.85	198	ePn	Pn	04 23 52.6	+6.6
KAKA	Kakadu	19.56	248	iP	P	04 24 44.1	+0.9
GUMO	Guam	20.32	342	P	P	04 24 53.0	+1.2
GUMO	Guam	20.32	342	P	P	04 24 53.9	+2.1
GUMO	Guam	20.32	342	eP	P	04 24 53.9	+2.0
WRAB	Tennant Creek	21.40	228	P	P	04 25 04.0	+0.5
WRAB	Tennant Creek	21.40	228	iP	P	04 25 03.6	+0.1
WB2	Warramunga Arr	21.41	228	iP	P	04 25 04.1	+0.5
WRA	Warramunga Arr	21.41	228	eP	P	04 25 04.3	+0.6
WRA	Warramunga Arr	21.41	228	eP	P	04 25 04.3	+0.6
DZM	Mount Dumac	21.90	139	P	S	04 25 08.2	-0.7
ASAR	Alice Springs	24.17	221	eP	P	04 25 31.9	+0.1
ASAR	Alice Springs	24.17	221	eP	P	04 25 32.3	+0.5
ASAR	Alice Springs	24.17	221	eP	P	04 29 55.0	+6.9
ASAR	Alice Springs	24.17	221	eP	P	04 32 47.4	-1.2
ASAR	Alice Springs	24.17	221	eP	P	04 25 32.3	+0.5
ASAR	Alice Springs	24.17	221	eP	P	04 25 31.9	+0.1
ASAR	Alice Springs	24.17	221	eP	P	04 25 32.4	-1.4
STKA	Stevens Creek	27.31	198	eP	P	04 26 00.2	-0.1
STKA	Stevens Creek	27.31	198	eP	P	04 26 00.2	-0.1
FITZ	Fitzroy Crossi	27.61	242	iP	P	04 26 03.1	+0.2
FITZ	Fitzroy Crossi	27.61	242	P	P	04 26 03.2	+0.2
MBWA	Marble Bar	33.91	240	eP	P	04 26 57.9	-0.6
TAU	Tasmania Univ	37.00	185	P	P	04 27 25.1	+0.1
TAU	Tasmania Univ	37.00	185	P	P	04 27 25.1	+0.1
TAU	Tasmania Univ	37.00	185	P	P	04 27 25.1	+0.1
URZ	Urewera	39.95	147	P	P	04 27 49.2	-0.7
NWAO	Narogin (SRO)	41.38	225	P	P	04 28 02.9	+1.2
NWAO	Narogin (SRO)	41.38	225	P	P	04 28 02.3	+0.7
NWAO	Narogin (SRO)	41.38	225	P	P	04 28 02.3	+0.7
NWAO	Narogin (SRO)	41.38	225	P	P	04 28 03.4	+1.1
NWAO	Narogin (SRO)	41.38	225	P	P	04 28 07.9	+0.5
NWAO	Narogin (SRO)	41.38	225	P	P	04 28 07.9	+0.6
NWAO	Narogin (SRO)	41.38	225	P	P	04 28 23.6	+1.4
QZH	Quanzhou	44.92	315	iP	P	04 28 24.8	+1.7
WHN	Wuhan	50.48	318	eP	P	04 29 14.5	+1.1
GYA	Guiyang	53.70	309	iP	P	04 29 35.4	-2.0
GYA	Guiyang	53.70	309	iP	P	04 31 36.8	-1.5
GYA	Guiyang	53.70	309	iP	P	04 34 37.8	-1.3
GYA	Guiyang	53.70	309	iP	P	04 37 03.3	-6.2
GYA	Guiyang	53.70	309	iP	P	04 28 23.6	+1.4
GYA	Guiyang	53.70	309	iP	P	04 28 24.8	+1.7
GYA	Guiyang	53.70	309	iP	P	04 29 14.5	+1.1
GYA	Guiyang	53.70	309	iP	P	04 29 35.4	-2.0
GYA	Guiyang	53.70	309	iP	P	04 31 36.8	-1.5
GYA	Guiyang	53.70	309	iP	P	04 34 37.8	-1.3
GYA	Guiyang	53.70	309	iP	P	04 37 03.3	-6.2
GYA	Guiyang	53.70	309	iP	P	04 28 23.6	+1.4
GYA	Guiyang	53.70	309	iP	P	04 28 24.8	+1.7
GYA	Guiyang	53.70	309	iP	P	04 29 14.5	+1.1
GYA	Guiyang	53.70	309	iP	P	04 29 35.4	-2.0
GYA	Guiyang	53.70	309	iP	P	04 31 36.8	-1.5
GYA	Guiyang	53.70	309	iP	P	04 34 37.8	-1.3
GYA	Guiyang	53.70	309	iP	P	04 37 03.3	-6.2
GYA	Guiyang	53.70	309	iP	P	04 28 23.6	+1.4
GYA	Guiyang	53.70	309	iP	P	04 28 24.8	+1.7
GYA	Guiyang	53.70	309	iP	P	04 29 14.5	+1.1
GYA	Guiyang	53.70	309	iP	P	04 29 35.4	-2.0
GYA	Guiyang	53.70	309	iP	P	04 31 36.8	-1.5
GYA	Guiyang	53.70	309	iP	P	04 34 37.8	-1.3
GYA	Guiyang	53.70	309	iP	P	04 37 03.3	-6.2
GYA	Guiyang	53.70	309	iP	P	04 28 23.6	+1.4
GYA	Guiyang	53.70	309	iP	P	04 28 24.8	+1.7
GYA	Guiyang	53.70	309	iP	P	04 29 14.5	+1.1
GYA	Guiyang	53.70	309	iP	P	04 29 35.4	-2.0
GYA	Guiyang	53.70	309	iP	P	04 31 36.8	-1.5
GYA	Guiyang	53.70	309	iP	P	04 34 37.8	-1.3
GYA	Guiyang	53.70	309	iP	P	04 37 03.3	-6.2
GYA	Guiyang	53.70	309	iP	P	04 28 23.6	+1.4
GYA	Guiyang	53.70	309	iP	P	04 28 24.8	+1.7
GYA	Guiyang	53.70	309	iP	P	04 29 14.5	+1.1
GYA	Guiyang	53.70	309	iP	P	04 29 35.4	-2.0
GYA	Guiyang	53.70	309	iP	P	04 31 36.8	-1.5
GYA	Guiyang	53.70	309	iP	P	04 34 37.8	-1.3
GYA	Guiyang	53.70	309	iP	P	04 37 03.3	-6.2
GYA	Guiyang	53.70	309	iP	P	04 28 23.6	+1.4
GYA	Guiyang	53.70	309	iP	P	04 28 24.8	+1.7
GYA	Guiyang	53.70	309	iP	P	04 29 14.5	+1.1
GYA	Guiyang	53.70	309	iP	P	04 29 35.4	-2.0
GYA	Guiyang	53.70	309	iP	P	04 31 36.8	-1.5
GYA	Guiyang	53.70	309	iP	P	04 34 37.8	-1.3
GYA	Guiyang	53.70	309	iP	P	04 37 03.3	-6.2
GYA	Guiyang	53.70	309	iP	P	04 28 23.6	+1.4
GYA	Guiyang	53.70	309	iP	P	04 28 24.8	+1.7
GYA	Guiyang	53.70	309	iP	P	04 29 14.5	+1.1
GYA	Guiyang	53.70	309	iP	P	04 29 35.4	-2.0
GYA	Guiyang	53.70	309	iP	P	04 31 36.8	-1.5
GYA	Guiyang	53.70	309	iP	P	04 34 37.8	-1.3
GYA	Guiyang	53.70	309	iP	P	04 37 03.3	-6.2
GYA	Guiyang	53.70	309	iP	P	04 28 23.6	+1.4
GYA	Guiyang	53.70	309	iP	P	04 28 24.8	+1.7
GYA	Guiyang	53.70	309	iP	P	04 29 14.5	+1.1
GYA	Guiyang	53.70	309	iP	P	04 29 35.4	-2.0
GYA	Guiyang	53.70	309	iP	P	04 31 36.8	-1.5
GYA	Guiyang	53.70	309	iP	P	04 34 37.8	-1.3
GYA	Guiyang	53.70	309	iP	P	04 37 03.3	-6.2
GYA	Guiyang	53.70	309	iP	P	04 28 23.6	+1.4
GYA	Guiyang	53.70	309	iP	P	04 28 24.8	+1.7
GYA	Guiyang	53.70	309	iP	P	04 29 14.5	+1.1
GYA	Guiyang	53.70	309	iP	P	04 29 35.4	-2.0
GYA	Guiyang	53.70	309	iP	P	04 31 36.8	-1.5
GYA	Guiyang	53.70	309	iP	P	04 34 37.8	-1.3
GYA	Guiyang	53.70	309	iP	P	04 37 03.3	-6.2
GYA	Guiyang	53.70	309	iP	P	04 28 23.6	+1.4
GYA	Guiyang	53.70	309	iP	P	04 28 24.8	+1.7
GYA	Guiyang	53.70	309	iP	P	04 29 14.5	+1.1
GYA	Guiyang	53.70	309	iP	P	04 29 35.4	-2.0
GYA	Guiyang	53.70	309	iP	P	04 31 36.8	-1.5
GYA	Guiyang	53.70	309	iP	P	04 34 37.8	-1.3
GYA	Guiyang	53.70	309	iP	P	04 37 03.3	-6.2
GYA	Guiyang	53.70	309	iP	P	04 28 23.6	+1.4
GYA	Guiyang	53.70	309	iP	P	04 28 24.8	+1.7
GYA	Guiyang	53.70	309	iP	P	04 29 14.5	+1.1
GYA	Guiyang	53.70	309	iP	P	04 29 35.4	-2.0
GYA	Guiyang	53.70	309	iP	P	04 31 36.8	-1.5
GYA	Guiyang	53.70	309	iP	P	04 34 37.8	-1.3
GYA	Guiyang	53.70	309	iP	P	04 37 03.3	-6.2
GYA	Guiyang	53.70	309	iP	P	04 28 23.6	+1.4
GYA	Guiyang	53.70	309	iP	P	04 28 24.8	+1.7
GYA	Guiyang	53.70	309	iP	P	04 29 14.5	+1.1
GYA	Guiyang	53.70	309	iP	P	04 29 35.4	-2.0
GYA	Guiyang	53.70	309	iP	P	04 31 36.8	-1.5
GYA	Guiyang	53.70	309	iP	P	04 34 37.8	-1.3
GYA	Guiyang	53.70	309	iP	P	04 37 03.3	-6.2
GYA	Guiyang	53.70	309	iP	P	04 28 23.6	+1.4
GYA	Guiyang	53.70	309	iP	P	04 28 24.8	+1.7
GYA	Guiyang	53.70	309	iP	P	04 29 14.5	+1.1
GYA	Guiyang	53.70	309	iP	P	04 29 35.4	-2.0
GYA	Guiyang	53.70	309	iP	P	04 31 36.8	-1.5
GYA	Guiyang	53.70	309	iP	P	04 34 37.8	-1.3
GYA	Guiyang	53.70	309	iP	P	04 37 03.3	-6.2
GYA	Guiyang	53.70	309	iP	P	04 28 23.6	+1.4
GYA	Guiyang	53.70	309	iP	P	04 28 24	

17d 4h

Table with columns for station name, frequency, power, and signal strength. Includes stations like WMQ, WMO, WMC, WML, WMS, WMT, WNU, WOV, WPC, WPD, WPE, WPF, WPG, WPH, WPI, WPK, WPL, WPM, WPN, WPO, WPP, WPS, WPT, WPU, WPV, WPW, WPX, WPY, WPK, WPL, WPM, WPN, WPO, WPP, WPS, WPT, WPU, WPV, WPW, WPX, WPY.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like ARCES, TBM, G04A, WTV, A09A, NDI, KULIM, E06A, F05A, D07A, Q07A, VLL, EDM, J02A, HOOD, EPH, H04A, C08A, B09A, A10A, G05A, F06A, E07A, J03A, K02A, OD2, C09A, M01C, HAWA, H05A, G06A, L02A, F07A, B10A, HUMO, NEW, NEW, D09A, KTRM, C10A, VIPM, H06A, KAKA, G07A, A12A, E09A, F08A, J05A, YBH, YBH, YBH, K04A, M02C, B12A, G08A, N02C, H07A, I06A, L04A, O01C, F09A, A13A, M04C, K05A, I07A, J06A, C12A, WALA, H08A, B13A, WDC, WDC, WDC, WDC, K06A, O02C, L05A, P01C, VIS, VIS, J07A, LTIM, C13A, I08A, M05C, GASB.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like PSI, PSI, H09A, JOF, JOF, HATC, MOD, MOD, LBCM, AJM, HOPS, O03C, BHPL, BHPL, K07A, J08A, I09A, M06C, O04C, L07A, MNRC, ELFS, SUMG, K08A, J09A, MSO, WVOR, WVOR, M00C, ORV, SUTB, O05C, OHCM, Q03C, CHMT, CHMT, N06A, M07A, L08A, K09A, BEKR, Q04C, O06A, M08A, BDM, N07B, L09A, FFC, P06A, LAVA, WENL, R04C, PAHR, WCN, O07A, N08A, M09A, KAF, KAF, R05C, LRM, LRM, EGMT, EGMT, O08A, P07A, N09A, DLMT, CMB, CMB, CMB, PACP, HLID, HLID, H10A, H10A, MAST, WAKR, FIA, FINES, FINES, FINES, F08A, BNM, S05C, T05C, O09A.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like M11A Holland Ranch, N10A Dumphy, V03C Hunter Liggett, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like FITZ Fitzroy Crossi, MPMC Manual Prospec, FURC Furcace Creek, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like AKASG Malin Array Be, AKASG Malin Array B, AKBB Malin Array Si, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like WES, SWET, TZTN, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like CPUP, CPUP, CPUP, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like ARCES, ARCESS, ARCES Array B, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like LAVA, J05A, S05C, CMB, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like PFO, A10A, SHOC, P10A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like CTA, ASAR, ASAR, WRA, FITZ, etc.

PBA	Port Blair	1.49	41	ex	x	07 59 32.5	
PBA					x	07 59 36.0	
NNT	Nongplab	8.09	75	P	Pn	08 01 12.0 -0.9	
SNB	Songkhla	9.37	110	P	Pn	08 01 27.0 -3.5	
NST	Nakhon Sawan	9.64	57	P	Pn	08 01 34.0 -0.1	
BDT	Bhumibol Dam	9.71	46	P	Pn	08 01 35.5 +0.5	
PSI	Prapat	10.47	137	Pn	Pn	08 01 36.5 -9.0	
CM31	Chiang Mai Arr	10.52	41	ePn	Pn	08 01 46.8 +0.6	
CHG	Chiang Mai	10.79	39	JP	Pn	08 01 53.8 +4.0	
CHTO	Chiang Mai	10.79	39	eP	Pn	08 01 54.4 +4.6	
CHTO	Chiang Mai	10.79	39	eP	Pn	08 01 50.3 +0.5	
CHTO	comp=Z,21nm,1.0s						
CHTO	Chiang Mai	10.79	39	ePn	Pn	08 01 50.3 +0.5	
VIS	Vishakhapatnam	10.85	312	eS	Pn	08 01 46.4 -4.4	
VIS				eS	Sn	08 03 40.2 -1.1	
PALK	Pallekele	11.38	254	ePn	Pn	08 01 51.4 -6.6	
PALK				eSn	Sn	08 03 48.3 -1.6	
MDRS	Chennai	11.54	284	eP	Pn	08 01 54.4 -5.7	
MDRS				eS	Sn	08 03 53.7 -1.0	
CAL	Calcutta	12.39	345	eP	Pn	08 02 08.3 -3.5	
CAL				ex	x	08 02 31.1	
AGT	Agartala	13.29	358	ex	x	08 02 33.0	
SALM	Salem	13.35	276	eP	Sn	08 02 21.0 -3.8	
SALM				eS	Sn	08 04 37.0 -1.5	
IKM	Kluang	14.27	126	P	Pn	08 02 30.4 -7.0	
BOK	Bokaro	14.33	338	eP	Pn	08 02 35.3 -3.0	
BOK				Amb	AMB	08 02 42.0	
BOK	comp=Z,45nm,1.0s						
IMH	Imphal	14.33	8	eS	Sn	08 05 13.8 -2.2	
HYB	Hyderabad	14.52	300	iP	x	08 02 45.0	
HYB				e	Pn	08 02 40.0 -0.8	
HYB				eS	Sn	08 03 28.0	
HYB	Hyderabad	14.52	300	eP	Sn	08 05 21.0 +0.5	
HYB				eP	Sn	08 02 35.0 -5.8	
HYB				eS	Sn	08 03 28.0	
HYB				eS	Sn	08 02 40.0 -2.5	
TRD	Trivandrum	14.72	263	eP	Sn	08 02 38.6 -5.0	
TRD				Amb	AMB	08 02 52.6	
SHL	Shillong	14.96	0	eP	Pn	08 02 46.0 -0.8	
SHL				ex	x	08 03 06.0 -2.7	
NGP	Nagpur	16.14	312	eP	Pn	08 02 59.4 -2.7	
NGP				ex	x	08 03 03.3	
NGP	comp=Z,66nm,1.5s						
LATR	Latur	16.66	300	eS	S	08 05 56.2 -1.6	
MNGI	Mangalore	16.75	280	eP	Pn	08 03 07.0 -2.8	
MNGI				ex	x	08 03 20.2	
MNGI	comp=Z,66nm,0.9s						
JBP	Jabalpur	16.86	320	iP	x	08 06 28.5	
JBP				ex	x	08 03 17.8	
JBP	comp=Z,63nm,1.4s						
JIRN	Jiri	17.83	344	eP	Pn	08 06 06.7	
KMI	Kunming	17.88	34	P	Pn	08 03 22.2 -1.0	
KMI				AP	P	08 03 27.3 +3.5	
KMI				XP	sP	08 03 38.6 +0.8	
KMI				AMB	AMB		
KMI	comp=Z,25nm,1.0s						
KMI	comp=Z,149nm,4.2s						
KMI	comp=N,1um,14.9s						
KMI	comp=E,3um,12.2s						
KMI	comp=Z,2um,11.7s						
KMI	comp=Z,25nm,1.0s						
KMI	comp=Z,25nm,1.0s						
KMI				pP	pP	08 03 34.2 +0.8	
KMI				sP	sP	08 03 38.9 +0.8	
KMI				PPP	PPP	08 03 44.0	
KMI				S	S	08 03 52.8	
KMI				sS	sS	08 06 49.9 +2.2	
KMI				SS	SS	08 06 59.2 -3.0	
KMI				SSS	SSS	08 07 11.2	
KMI				SSS	SSS	08 07 23.9 +0.9	
PKI	Pulchoki	17.98	341	eP	Pn	08 03 23.6 -1.4	
DMN	Daman	18.11	341	eP	Pn	08 03 25.7 -0.9	
GUN	Gumba	18.16	343	eP	Pn	08 03 25.7 -1.5	
KKN	Kakani	18.22	341	eP	Pn	08 03 27.5 -0.5	
KAD	Karad	18.33	294	eP	Pn	08 03 26.8 -2.5	
KAD				Amb	AMB	08 03 33.5	
KAD	comp=Z,36nm,0.9s						
KAD				ex	x	08 06 36.1	
BHPL	Bhopal	18.63	315	eP	Pn	08 03 31.9 -1.0	
BHPL				Amb	AMB	08 03 37.8	
GKN	Gorkha	18.63	340	eP	Pn	08 03 31.5 -1.5	
KOLN	Koldanda	18.79	337	eP	Pn	08 03 32.1 -2.8	
LSA	Lhasa	19.09	358	P	Pn	08 03 39.0 +0.5	
LSA				S	Sn	08 07 14.3 +2.2	
LSA	comp=N,2um,14.9s						
LSA	comp=E,3um,16.3s						
LSA	comp=Z,3um,15.4s						
LSA	Lhasa	19.09	358	eP	Pn	08 03 39.3 +0.8	
LSA				pmx	pmx		
LSA	comp=Z,51nm,0.6s						
LSA	Lhasa	19.09	358	eP	Pn	08 03 39.3 +0.8	
QIZ	Qiongzong	19.42	62	P	Pn	08 03 40.5 -1.9	
QIZ				PP	P	08 03 59.4	
QIZ				S	S	08 07 18.8 +0.1	
QIZ				XS	sS	08 07 29.6 -3.8	
QIZ				AMB	AMB		
QIZ	comp=Z,16nm,1.2s						
QIZ	comp=N,3um,14.0s						
QIZ	comp=Z,3um,15.2s						
QIZ	Qiongzong	19.42	62	eP	Pn	08 03 40.6 -1.9	
QIZ	comp=Z,24nm,1.0s						
BOM	Bombay	20.10	297	ex	x	08 03 37.3	
BOM				ex	x	08 03 46.3	
BOM	comp=Z,88nm,1.3s						
GYA	Guiyang	21.21	40	JP	P	08 03 09.6	
GYA				AP	X	08 03 58.0 -2.5	
GYA				XP	sP	08 04 07.3	
GYA				AMB	AMB	08 04 11.4 -2.8	
GYA	comp=Z,20nm,1.2s,mb4.3						
GYA	comp=Z,90nm,5.4s						
GYA	comp=N,1um,14.0s,MS4.6						
GYA	comp=E,970nm,13.7s,MS4.6						
GYA	comp=Z,1um,14.3s,MS4.4						
NDI	New Delhi	22.62	325	eP	P	08 04 13.1 -2.5	
NDI				Amb	AMB	08 04 20.0	
NDI	comp=Z,84nm,1.4s,mb5.0						
NDI				eS	P	08 06 20.0 -1.5	
AJM	Ajmer	22.65	317	eP	S	08 04 12.9 -2.9	
AJM				Amb	AMB	08 04 21.0	
AJM	comp=Z,99nm,0.9s,mb5.2						
COCO	West Island	23.12	167	eP	P	08 04 18.8 -2.2	
COCO	Chengdu	23.15	27	JP	P	08 04 19.6 -1.6	
CD2				AP	AP	08 04 25.9	
CD2				X	S	08 04 33.3 -1.7	
CD2				S	S	08 08 26.4 -3.7	
CD2				XS	sS	08 08 42.3 -4.2	
CD2				SS	SS	08 09 14.4	
CD2				AMB	AMB		

CD2	comp=Z,140nm,0.9s,mb5.4					AMB	AMB
CD2	comp=Z,480nm,4.3s					LR	LR
CD2	comp=N,3um,15.0s,MS5.0					LR	LR
CD2	comp=E,2um,12.0s,MS5.0					LR	LR
CD2	comp=Z,2um,12.6s,MS4.8					LR	LR
GZH	Guangzhou	24.11	56	P	P	08 04 33.6 +3.3	
GZH				P	P		
GZH	comp=N,1um,14.3s,MS4.5					LR	LR
GZH	comp=E,789nm,14.6s,MS4.5					LR	LR
GZH	comp=Z,1um,11.5s,MS4.7					P	P
KKM	Kota Kinabalu	24.61	98	P	X	08 04 32.3 -2.5	
SDNR	Sundarnagar	24.96	329	ex	P	08 04 39.1	
TSM	Tawau	26.62	102	P	P	08 04 49.1 -4.0	
LZH	Lanzhou	27.71	21	JP	P	08 05 03.6 +0.7	
LZH				AP	pP	08 05 12.8 -0.1	
LZH				XP	sP	08 05 16.5 -0.7	
LZH				PP	S	08 05 53.6	
LZH				XS	sS	08 09 44.1 +1.3	
LZH				YS	sS	08 05 59.9 +0.3	
LZH	comp=Z,32nm,1.3s,mb4.8					AMB	AMB
LZH	comp=Z,156nm,4.7s					LR	LR
LZH	comp=E,939nm,12.8s					LR	LR
LZH	comp=Z,2um,16.5s,MS4.7					LR	LR
LZH	Lanzhou	27.71	21	JP	P	08 05 03.6 +0.7	
LZH				PP	pP	08 05 12.7 -0.2	
LZH				*SP	sP	08 05 16.5 -0.7	
LZH				eS	S	08 05 53.6	
LZH				*SS	sS	08 09 44.1 +1.3	
LZH				SS	sS	08 09 59.7 +0.2	
LZH	comp=Z,32nm,1.3s,mb4.8					MLR	MLR
LZH	comp=Z,2um,16.5s,MS4.7					MLR	MLR
LZH	Lanzhou	27.71	21	JP	P	08 05 03.6 +0.7	
LZH	comp=Z,32nm,1.3s,mb4.8					pP	pP
LZH				XP	sP	08 05 12.7 -0.2	
LZH				PP	P	08 05 16.5 -0.7	
LZH				eS	S	08 09 44.1 +1.3	
LZH				sS	sS	08 09 59.7 +0.2	
LZH				SS	SS	08 11 06.8	
LZH	comp=Z,2um,16.5s,MS4.7					LR	LR
MGY	Tagaytay City	28.73	80	P	P	08 05 07.7 -4.2	
MGY	comp=Z,2um,16.5s,MS4.7					LR	LR
MGY	comp=Z,930nm,0.3s,baz=188,slow=4.9,SNR=3.2					LR	LR
MGY	comp=Z,8.3nm,19.3s,baz=52,slow=39					LR	LR
WHN	Wuhan	28.95	43	eP	P	08 05 15.3 +1.4	
WHN				S	S	08 09 54.0 -8.3	
WHN				LR	LR		
QZH	Quanzhou	29.23	57	eP	P	08 05 19.0 +2.6	
QZH				S	S	08 10 09.5 +2.8	
QZH	comp=N,2um,14.0s,MS5.1					LR	LR
QZH	comp=E,3um,17.7s,MS5.1					LR	LR
QZH	comp=Z,2um,15.3s,MS4.8					LR	LR
GTA	Gaotai	29.65	13	eP	P	08 05 19.0 -1.1	
GTA				AP	pP	08 05 28.4 -1.8	
GTA				XP	sP	08 05 32.3 -2.2	
GTA				PP	P	08 05 16.3 -1.1	
GTA				PCP	pP	08 08 26.6 +2.7	
GTA				XS	sS	08 10 12.0 -1.3	
GTA				SS	sS	08 10 28.8 -1.2	
GTA				AMB	AMB	08 11 48.3 -3.2	
GTA	comp=Z,5.0nm,1.3s,mb4.1					AMB	AMB
GTA	comp=Z,225nm,7.2s					LR	LR
GTA	comp=N,1um,15.6s,MS4.7					LR	LR
GTA	comp=E,929nm,15.6s,MS4.7					LR	LR
GTA	comp=Z,952nm,16.0s,MS4.5					LR	LR
YHNB	Yeheng	31.46	60	eP	P	08 05 37.7 +1.6	
KSH	Kashi	32.11	337	eP	P	08 05 43.5 +1.7	
KSH				eAP	pP	08 05 54.6 +2.4	
KSH				eXP	sP	08 05 58.5 +2.4	
KSH				eP	pP	08 06 50.1 -4.5	
KSH				eS	S	08 10 51.6 -0.2	
KSH				eXS	sS	08 11 08.6 +0.1	
KSH				eSCP	sP	08 12 12.8 +1.5	
KSH				eSS	sS	08 12 44.9 -2	

17d 8h

MDJ	comp=Z,7.0nm,0.8s,mb4.6	AMB	AMB		
MDJ	comp=Z,1.13nm,3.5s	LR	LR		
MDJ	comp=N,270nm,17.2s,MS4.5	LR	LR		
MDJ	comp=E,317nm,16.6s,MS4.5	LR	LR		
MDJ	comp=Z,497nm,16.0s,MS4.6	LR	LR		
AKTK	Aktyubinsk 48.51 332 P	P	P	08 07 55.9 -1.5	
AKTK	Aktyubinsk 48.51 332 P	P	P	08 07 55.9 -1.5	
MAT	Matsushiro 49.22 50 P	P	P	08 08 03.3 +0.5	
MJAR	Matsushiro Arr 49.22 50 P	P	P	08 07 59.2 -3.6	
MJAR	comp=Z,0.7nm,0.4s,mb4.0,baz=193,slow=5.8,SNR=3.3	LR	LR	08 31 24.5	
MJAR	comp=Z,672nm,19.5s,MS4.7,baz=245,slow=4.0	P	P	08 07 59.2 -3.6	
MJAR	Matsushiro Arr 49.22 50 P	P	P	08 31 24.4	
JHJ	Hachioji jima 2 49.42 55 LR	LR	LR	08 32 18.8	
NWAO	Narrogin (SRO) 49.58 152 eP	P	P	08 08 04.4 -1.1	
NWAO	comp=Z,34nm,1.0s	pmx	pmx		
NWAO	Narrogin (SRO) 49.58 152 eP	P	P	08 08 04.4 -1.1	
BOD	Bodaibo 50.18 15 eP	P	P	08 08 03.0 -7.1	
BOD	comp=Z,34nm,1.0s,mb5.3	pmx	pmx		
ORR	Orenburg 50.84 331 eP	P	P	08 08 14.8 -0.2	
ORR	comp=Z,20nm,0.9s,mb5.0	pmx	pmx		
GNI	Garni 50.91 314 P	P	P	08 08 15.8 +0.2	
GNI	comp=Z,20nm,0.7s,mb5.1,baz=27,slow=2.9,SNR=16	LR	LR	08 34 21.5	
GNI	comp=Z,251nm,18.1s,MS4.3,baz=350,slow=4.1	LR	LR	08 08 19.1 +3.5	
GNI	Garni 50.91 314 P	P	P	08 08 16.4 +0.8	
GNI	comp=Z,86nm,1.6s	pmx	pmx		
GNI	comp=Z,300nm,24.0s	MLR	MLR		
GNI	Garni 50.91 314 eP	P	P	08 08 16.3 +0.7	
WRA	Warramunga Arr 51.72 126 P	P	P	08 08 15.6 -6.0	
WRA	comp=Z,87nm,1.2s,mb5.6	pmx	pmx		
WRA	comp=Z,4.1nm,0.5s,mb4.6,baz=305,slow=8.6,SNR=22	PcP	PcP	08 09 34.5 -0.2	
WRA	comp=Z,5.1nm,0.8s,baz=313,slow=3.2,SNR=4.8	LR	LR	08 35 23.4	
WRA	comp=Z,348nm,18.3s,MS4.4,baz=290,slow=4.2	LR	LR		
WRA	Warramunga Arr 51.72 126 P	P	P	08 08 15.6 -6.0	
WRA	comp=Z,19nm,0.6s,mb5.1	pmx	pmx		
WRB	Warramunga Arr 51.72 126 eP	P	P	08 08 15.9 -5.8	
GUMO	Guam 51.96 81 LR	LR	LR	08 29 50.3	
GUMO	comp=Z,410nm,18.1s,MS4.5,baz=77,slow=36	LR	LR		
SVE	Sverdlovsk 52.09 339 eP	P	P	08 08 24.0 -0.4	
ZAR	Tsey 52.59 317 eP	P	P	08 08 27.7 -0.1	
ARU	Arti 52.59 337 i/P	P	P	08 10 29.0	
ARU	comp=Z,17nm,1.0s,mb4.9	pmx	pmx		
ARU	comp=Z,600nm,19.0s,MS4.7	MLR	MLR		
ARU	comp=N,500nm,17.0s,MS4.7	MLR	MLR		
ARU	comp=E,300nm,16.0s,MS4.7	MLR	MLR		
ARU	Arti 52.55 337 eP	P	P	08 08 27.4 -0.4	
AS31	Alice Springs 53.42 130 eP	P	P	08 08 33.5 -0.7	
AS31	Alice Springs 53.42 130 P	P	P	08 08 28.4 -5.8	
ASAR	comp=Z,3.0nm,0.7s,mb4.3,baz=305,slow=7.0,SNR=26	PcP	PcP	08 09 36.8 -4.4	
ASAR	comp=E,3.6nm,0.9s,baz=309,slow=5.8,SNR=2.5	LR	LR	08 35 34.3	
ASAR	comp=E,669nm,18.7s,MS4.7,baz=302,slow=4.1	LR	LR		
ASAR	Alice Springs 53.42 130 P	P	P	08 08 28.5 -5.7	
KIV	Kislovodsk 53.78 317 eP	P	P	08 08 37.1 +0.2	
KIV	comp=Z,60nm,1.1s,mb5.4	pmx	pmx		
KIV	comp=Z,97nm,1.7s,mb5.5	pmx	pmx		
KIV	Kislovodsk 53.78 317 eP	P	P	08 08 39.0 +2.1	
ASF	Jabal al Asfar 54.81 302 P	P	P	08 08 46.5 +2.1	
ASF	comp=Z,4.5nm,0.9s,mb4.5,baz=117,slow=6.8,SNR=4.8	LR	LR	08 35 25.6	
MALT	Malatya 54.96 310 eP	P	P	08 08 47.6 +2.1	
MALT	comp=Z,442nm,18.1s,MS4.6,baz=137,slow=39	LR	LR		
MALT	Malatya 54.96 310 eP	P	P	08 08 47.6 +2.1	
KMBO	Kilima Mbogo 55.43 261 P	P	P	08 08 49.4 +0.6	
KMBO	comp=Z,2.1nm,0.7s,mb4.3,baz=88,slow=12,SNR=7.0	PcP	PcP	08 09 49.7 +0.9	
KMBO	comp=Z,2.1nm,0.8s,baz=46,slow=6.6,SNR=3.9	LR	LR	08 31 17.8	
KMBO	comp=Z,639nm,18.3s,MS4.7,baz=278,slow=34	P	P	08 08 50.5 +1.7	
KMBO	Kilima Mbogo 55.43 261 i/P	P	P		
KMBO	comp=Z,7.0nm,1.1s	pmx	pmx		
EIL	Eilat 56.08 299 eP	P	P	08 08 55.8 +2.3	
VRHR	Novokhopersk 57.42 325 eP	P	P	08 09 02.3 -0.8	
VRHR	comp=Z,30nm,0.8s,mb5.4	pmx	pmx		
VRHR	comp=N,20nm,0.7s	pmx	pmx		
VRHR	comp=E,10.0nm,0.5s	pmx	pmx		
YAK	Yakutsk 58.28 20 eP	P	P	08 09 09.4 +0.3	
YAK	comp=Z,23nm,0.8s,mb5.3	pmx	pmx		
YAK	comp=E,20nm,1.5s	pmx	pmx		
VRSR	Storozhevoye 58.86 324 eP	P	P	08 09 14.0 +0.9	
VRSR	comp=N,20nm,0.9s	pmx	pmx		
VRSR	comp=Z,10.0nm,0.9s,mb4.8	pmx	pmx		
BR13	Reskin Array S 58.92 310 eP	P	P	08 09 13.8 +0.3	
BR13	comp=Z,2.1nm,0.7s,mb4.3	pmx	pmx		
BR13	Reskin Array S 58.92 310 P	P	P	08 09 13.1 -0.5	
MOS	Moscow 61.80 329 eP	P	P	08 09 31.0 -0.9	
OBN	Obninsk 61.89 328 eP	P	P	08 09 34.8 +1.0	
OBN	comp=Z,30nm,1.4s,mb5.2	pmx	pmx		
STKA	Stephens Creek 63.63 133 P	P	P	08 09 40.3 -5.1	
STKA	comp=Z,9.2nm,0.8s,mb4.9,baz=131,slow=3.6,SNR=11	LR	LR	08 37 15.9	
STKA	Stephens Creek 63.63 133 eP	P	P	08 09 45.1 -0.3	
STKA	comp=Z,21nm,1.2s,mb5.0	pmx	pmx		
AKASG	Malin Array Be 64.62 321 P	P	P	08 09 51.6 -0.3	
AKASG	comp=Z,1.8nm,0.7s,mb4.2,baz=88,slow=5.4,SNR=12	LR	LR	08 42 40.6	
AKASG	comp=Z,236nm,19.9s,MS4.4,baz=115,slow=40	LR	LR		
AKASG	Malin Array Be 64.62 321 i/P	P	P	08 09 52.0 +0.1	
AKASG	comp=Z,2.0nm,0.7s	pmx	pmx		
VRI	Vruntioia 65.17 316 i/P	P	P	08 09 57.5 +2.1	
MLR	Muntele Rosu 65.64 315 P	P	P	08 10 00.4 +1.9	
MLR	comp=Z,7.7nm,0.8s,mb4.8,baz=185,slow=7.7,SNR=6.5	LR	LR	08 09 58.1 -0.4	
BUCV	Bucovin Array 66.51 317 i/P	P	P	08 10 05.8 +1.5	
JOF	Joensuu 67.45 334 eP	P	P	08 10 10.9 +0.8	
SEY	Seymchan 67.54 26 eP	P	P	08 10 09.6 -1.1	
LSZ	Lusaka 67.97 249 eP	P	P	08 10 14.4 +1.1	
LSZ	comp=Z,19nm,1.1s,mb5.0	pmx	pmx		
LSZ	Lusaka 67.97 249 eP	P	P	08 10 14.4 +1.0	
FINES	FINES Array B 69.28 332 P	P	P	08 10 22.5 +1.0	
FINES	comp=Z,4.5nm,0.8s,mb4.5,baz=94,slow=8.0,SNR=9.2	LR	LR		

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FINES	comp=Z,366nm,18.3s,MS4.7,baz=116,slow=38	LR	LR	08 43 44.3	
KAF	Kangasniemi 69.37 333 eP	P	P	08 10 20.1 -2.0	
ARCES	ARCES Array B 71.99 340 eP	P	P	08 10 37.8 -0.2	
ARCES	comp=Z,4.8nm,0.7s,mb4.5,baz=90,slow=6.4,SNR=8.7	LR	LR	08 44 19.7	
ARCES	comp=Z,781nm,19.4s,MS5.0,baz=329,slow=38	LR	LR		
LBTB	Lobatsze 73.47 240 eP	P	P	08 10 47.9 +1.1	
LBTB	comp=Z,19nm,1.0s,mb5.0	pmx	pmx		
LBTB	Lobatsze 73.47 240 eP	P	P	08 10 47.9 +1.1	
GERES	GERES Array B 74.29 318 P	P	P	08 10 52.6 +1.0	
GERES	comp=Z,2.9nm,0.6s,mb4.2,baz=92,slow=4.5,SNR=15	LR	LR	08 47 41.0	
GERES	comp=Z,224nm,19.4s,MS4.5,baz=294,slow=39	LR	LR		
KHC	Kasperske Hory 74.38 318 eP	P	P	08 10 51.8 -0.3	
BILL	Bilbino 74.52 22 eP	P	P	08 10 51.3 -1.7	
BILL	comp=Z,10.0nm,1.2s,mb4.6	pmx	pmx	08 25 14.3 +1.6	
BILL	comp=Z,700nm,20.0s,MS5.0	MLR	MLR		
CLL	Colim 74.83 320 eP	P	P	08 10 56.0 +1.3	
CLL	comp=Z,300nm,18.5s	LmV	LmV	08 52 00.0	
BOSA	Boshof 75.02 237 P	P	P	08 10 55.1 -0.8	
BOSA	comp=Z,15nm,0.9s,mb4.9,baz=81,slow=6.1,SNR=14	LR	LR	08 39 33.8	
BOSA	comp=Z,503nm,18.9s,MS4.8,baz=68,slow=32	LR	LR		
BOSA	Boshof 75.02 237 eP	P	P	08 10 56.4 +0.6	
BOSA	comp=Z,19nm,1.0s,mb5.0	pmx	pmx		
BOSA	Boshof 75.02 237 eP	P	P	08 10 56.4 +0.5	
NB2	NORSAR Subarra 76.28 330 P	P	P	08 11 03.3 +0.3	
NB2	comp=Z,14nm,1.2s,mb4.8,baz=91,slow=5.9	LR	LR		
NB2	NORSAR Subarra 76.28 330 P	P	P	08 11 03.3 +0.3	
NB2	comp=Z,15nm,1.2s,mb4.8	pmx	pmx		
NOA	NORSAR Array B 76.28 330 P	P	P	08 11 01.9 -1.1	
NOA	comp=Z,3.3nm,1.0s,mb4.2,baz=92,slow=6.0,SNR=5.0	LR	LR	08 46 52.1	
NOA	comp=Z,266nm,19.8s,MS4.5,baz=90,slow=37	LR	LR		
NOA	NORSAR Array B 76.28 330 P	P	P	08 11 01.9 -1.1	
NOA	comp=Z,3.3nm,1.0s,mb4.2,baz=92,slow=6.0,SNR=5.0	LR	LR	08 46 52.1	
MIR	Mirnyy 76.87 179 eP	P	P	08 11 06.5 +0.1	
MIR	comp=Z,44nm,1.2s,mb4.9	pmx	pmx	08 11 20.0	
PGF	Pioggiola 77.64 311 eP	P	P	08 11 10.7 0.0	
PGF	comp=Z,120nm,1.6s,mb5.6	pmx	pmx		
PGF	Pioggiola 77.64 311 eP	P	P	08 11 10.7 0.0	
PGF	comp=Z,19nm,1.0s,mb4.7	pmx	pmx		
PGF	Pioggiola 77.64 311 eP	P	P	08 11 10.7 0.0	
KEST	Kesara 77.80 304 P	P	P	08 11 12.3 +0.8	
KEST	comp=Z,5.5nm,0.9s,mb4.5,baz=316,slow=2.5,SNR=8.2	LR	LR	08 47 49.1	
KEST	comp=Z,110nm,19.5s,MS4.2,baz=359,slow=37	LR	LR		
Casey	Casey 77.84 172 eP	P	P	08 11 10.2 -1.6	
CADY	Champ du Feu 78.56 317 eP	P	P	08 11 15.8 0.0	
TSUM	Tsumeb 78.80 248 eP	P	P	08 11 18.5 +1.4	
LPG	La Plagne 79.09 314 eP	P	P	08 11 19.3 +0.6	
LPL	La Plagne 79.10 314 eP	P	P	08 11 19.3 +0.5	
LPL	comp=Z,44nm,1.2s,mb4.9	pmx	pmx		
LPL	La Plagne 79.10 314 eP	P	P	08 11 19.3 +0.5	
LPL	comp=Z,22nm,1.2s,mb5.0	pmx	pmx		
LPL	La Plagne 79.10 314 eP	P	P	08 11 19.3 +0.5	
LPL	comp=Z,22nm,1.2s,mb5.0	pmx	pmx		
HAU	Haudomper 79.20 317 eP	P	P	08 11 19.2 -0.1	
HOU	Haudomper 79.20 317 eP	P	P	08 11 19.2 -0.1	
HOU	comp=Z,253nm,21.0s	eMLR	MLR		
HOU	Haudomper 79.20 317 eP	P	P	08 11 19.2 -0.1	
HOU	comp=Z,250nm,21.0s,MS4.5	LR	LR		
FRF	La Foret Royal 79.30 313 eP	P	P	08 11 19.9 0.0	
CABF	La Chapelle 79.47 316 eP	P	P	08 11 20.5 -0.3	
CABF	comp=Z,20nm,1.0s,mb4.7	pmx	pmx		
CABF	La Chapelle 79.47 316 eP	P	P	08 11 20.5 -0.3	
CABF	comp=Z,10.0nm,1.0s,mb4.7	pmx	pmx		
CABF	La Chapelle 79.47 316 eP	P	P	08 11 20.5 -0.3	
CABF	comp=Z,10nm,1.0s,mb4.7	pmx	pmx		
ORIF	Oris-en-Rattie 79.75 314 eP	P	P	08 11 22.8 +0.5	
ORIF	comp=Z,31nm,1.3s,mb4.8	eMLR	MLR		

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes entries like CWC Cottonwood Cre, WWOR Wild Horse Val, S08C White Mtn Res, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes entries like P12A Nelson, M12A McGill, Y12C Blythe, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes entries like PRU PRU, CLL Collin, CLL Collin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like Mof Molkenrain, LOMF Lomont, LANF Langenberg, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like WRA Warramunga Arr, FITZ Fitzroy Crossi, etc.

ISCJB 17 10:54:46.7±0.4, 2821S:003:7023W±0.07, h92km±5km, mb4.0/9, Error ellipse: s-maj=9.6km s-min=4.6km az=6.3, NEIC 17 10:54:46.9, 2823S:7019W, h86km, MG4.9(GUC), After GUC.

NEIC 17 10:54:46.9±0.7, 2823S:7019W, h86km±7km, ML4.9, IUC 17 10:54:48.5±0.7, 2817S:7017W, h90km±5km, mb3.8/9, mb1.3/9.14, mb1mx3.8/22, mbtmp4.1/14, Error ellipse: s-maj=21.6km s-min=10.2km az=73.0.

ISC 17 10:54:47.0±0.4, 2821S:003:7027W±0.06, h87km±4km, h92km±2.5km±P-P, n34, e0882/44, mb4.0/9, 6D, Central Chile

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like VACH Valienar, WACH Wachen, VACH Valienar, etc.

ISC 17 10:57:45.8±1.7, 1166S:12119E, h0km, mb3.9/2, mb1.3/7.5, mb1mx3.6/13, mbtmp3.6/5, ML3.3/2, Error ellipse: s-maj=63.3km s-min=26.7km az=61.0, South of Timor

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, etc.

NIED 17 11:04:00, 2370N:12440E, h14km, Mw4.4 Best double couple: M3.98000x1015 NP1±28.00000°, δ83.00000°, λ=171.00000°. NP2±297.00000°, δ81.00000°, λ=8.00000°.

BUI 17 11:04:35.9, 2305N:12523E, h36km, mb4.5, mb4.4, Ms3.9, Ms3.9

ISC 17 11:04:41.6±0.7, 2369N:12433E, h0km, mb4.1/2, MS3.6/6, mb1.4/14, mb1mx4.3/22, mbtmp4.3/14, ML4.1/2, MS3.6/6, Ms1.3/6.6, ms1mx3.2/42, Error ellipse: s-maj=23.8km s-min=14.6km az=84.0.

ISCJB 17 11:04:44.0±0.7, 2360N:003:12440E±0.04, h30km±5km, mb4.2/15, MS3.7/5, Error ellipse: s-maj=5.7km s-min=4.3km az=80.3.

MOS 17 11:04:45.2±0.7, 2368N:12427E, h35km, mb4.7/4, Error ellipse: s-maj=18.4km s-min=12.2km az=102.4.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like JMA JMA, NEIC 17 11:04:45.4±0.3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like HATJ Hateruma jima, KURO Kuro-shima, ISHG Ishigaki jima, etc.

ISCJB 17 11:07:03.2±1.5, 2391S:006:17979W±0.09, h46km±17km, mb4.6/28, Error ellipse: s-maj=12.2km s-min=9.4km az=16.9.

BUI 17 11:07:03.6, 2390S:17970W, h474km, mb4.7, mb4.5, NEIC 17 11:07:04.6±1.2, 2387S:17973W, h475km±15km, mb4.8/17, Error ellipse: s-maj=11.8km s-min=9.7km az=135.0.

ISC 17 11:07:05.6±1.7, 2388S:17977W, h483km±18km, mb4.2/15, mb1.4/3.7, mb1mx4.3/19, mbtmp5.0/17, Error ellipse: s-maj=13.4km s-min=13.0km az=110.0.

ISC 17 11:07:03.9±1.3, 2399S:006:17969W±0.09, h463km±15km, n63, e094/60, mb4.6/28, 1C-11D, South of Fiji Islands

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station details. Includes stations like URZ, BKZ, SNZO, etc.

ISCJB 17 11:51:23.9; 1.8, 6.8N; 06:730W; 0.6, h179km, 40km, mb3.0/3, Error ellipse: s-maj=131.4km s-min=5.0km az=120.0, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station details. Includes stations like PMG, WRA, ASAR, etc.

ISCJB 17 11:51:23.9; 1.8, 6.8N; 06:730W; 0.6, h179km, 40km, mb3.0/3, Error ellipse: s-maj=131.4km s-min=5.0km az=120.0, New Britain region

ISCJB 17 11:51:24.0; 1.0, 6.66N; 72.85W, h174km, 9km, mb3.3/3, mb1.3/6.5, mb1mx3.2/2.1, mbmtp3.8/5, Error ellipse: s-maj=34.3km s-min=7.6km az=131.0

NEIC 17 11:51:24.6; 1.0, 6.63N; 72.85W, h182km, 11km, Error ellipse: s-maj=34.6km s-min=15.2km az=126.0

ISC 17 11:51:25.0; 2.0, 6.7N; 06:729W; 0.6, h175km, 38km, n7, o547.7, mb3.0/3, Northern Colombia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station details. Includes stations like ROSC, PMG, WRA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station details. Includes stations like ROSC, SDV, TXAR, etc.

NEIC 17 11:54:07.4; 5.6, 36.14N; 70.75E, h132km, 45km, mb4.2/1, Error ellipse: s-maj=50.9km s-min=21.0km az=218.0

ISCJB 17 11:54:13.0; 0.6, 36.52N; 007.709E; 0.1, h189km, 10km, mb3.7/5, Error ellipse: s-maj=15.9km s-min=6.8km az=104.5

IDC 17 11:54:20.9; 16.0, 36.61N; 71.20E, h252km, 154km, mb3.4/5, mb1.3/5.5, mb1mx3.1/1.8, mbmtp4.0/5, Error ellipse: s-maj=107.1km s-min=20.9km az=35.0

ISC 17 11:54:13.8; 0.7, 36.53N; 007.709E; 0.1, h178km, 9km, n26, o1923.29, mb3.7/3, C, Hindu Kush region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station details. Includes stations like CEP, CHCP, SHBD, etc.

IDC 17 12:17:16.9; 0.8, 27.05N; 53.22E, h0km, mb4.2/16, mb1.4/3.17, mb1mx2.2/2.5, mbmtp4.2/17, ML4.1/1, MS3.7/2, Ms1.3/7.2, ms1mx2.6/3.6, Error ellipse: s-maj=19.0km s-min=16.7km az=141.0

BUI 17 12:17:17.5; 27.00N; 53.20E, h12km, mb4.7 THH 17 12:17:17.8; 20.0, 26.94N; 53.20E, h37km, 6km, ML4.0 TEH 17 12:17:18.8; 26.96N; 52.98E, h18km, Mn3.9

ISCJB 17 12:17:18.6; 1.3, 26.95N; 003.5318E; 0.05, h27km, 10km, mb4.3/30, Error ellipse: s-maj=7.7km s-min=4.3km az=127.5

NEIC 17 12:17:18.6; 1.5; 27.05N; 53.19E, h12km, 9km, mb4.4/8, ML4.4, (17H) 1.0, Error ellipse: s-maj=8.4km s-min=5.7km az=106.0

CSEM 17 12:17:19.4; 0.1, 26.98N; 53.20E, h35km, mb4.3/20, Error ellipse: s-maj=2.9km s-min=1.7km az=65.0

MOS 17 12:17:19.0; 1.0, 26.90N; 53.17E, h33km, mb4.5/18, Error ellipse: s-maj=15.4km s-min=9.9km az=106.0

ISC 17 12:17:19.7; 1.1, 27.00N; 003.5319E; 0.05, h19km, 7km, n111, o0990/117, mb4.3/30, SC-33, Southern Iran

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station details. Includes stations like Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station details.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station details. Includes stations like JMDO, IKLH, WBK, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for SCHQ Schefferville, YKA Yellowknife Ar, etc.

ISCJB 17 12:20:05.9; 1.2, 251S; 0.1, 1796E; 0.1, h516km, 17km, mb4.0/9, Error ellipse: s-maj=18.9km s-min=14.7km az=91.6

IDC 17 12:20:06.6; 1.6, 2497S; 17959E, h507km, 21km, mb3.5/8, mb1.3/9/10, mb1mx3.6/11, mbtmp4.3/3, Error ellipse: s-maj=26.6km s-min=14.8km az=164.0

NEIC 17 12:20:06.6; 1.4, 2509S; 17967E, h516km, 22km, mb4.3/3, Error ellipse: s-maj=31.5km s-min=13.6km az=169.0

ISC 17 12:20:07.3; 1.2, 252S; 0.1, 1797E; 0.1, h524km, 17km, n18, c0569/24, mb4.0/9, 1D, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for RAO Raoul Island, URZ Urewera, CTA Charters Tower, etc.

ISCJB 17 12:56:48.7; 0.4, 5578N; 0.03, 12509E; 0.07, h10km, mb3.7/1, Error ellipse: s-maj=6.3km s-min=3.4km az=118.9

SKHL 17 12:56:49.3; 0.1, 5583N; 124.84E, h9km, 1km, mb4.9/8, Ms4.2/2

SKHL Felt (I) at Yuktali. MOS 17 12:56:49.0; 0.9, 5582N; 12501E, h14km, mb4.2/2, Error ellipse: s-maj=10.8km s-min=11.9km az=89.9

MOS Felt (II) at Yuktali. ISC 17 12:56:50.2; 0.4, 5581N; 0.03, 12510E; 0.07, h10km, n22, c1331/37, mb3.7/1, 3C-1D, Southeastern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for NRGR Nerungri, CLNS Chul'man, KROS Kirovskiy, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for TUP Tup, CRCS Chara, EKMR Ekimchan, etc.

ISCJB 17 12:59:07.4; 0.4, 3939N; 0.02, 2308E; 0.04, h7.5km, 5km, Error ellipse: s-maj=5.1km s-min=3.7km az=15.2

ATH 17 12:59:07.9, 3936N; 2305E, h5km, 1km, MD3.1/5, ML3.1

NEIC 17 12:59:08.2, 3936N; 2306E, h6km, ML3.1 (ATH), After ATH.

CSEM 17 12:59:08.3; 0.1, 3937N; 2306E, h2km, ML3.4, Error ellipse: s-maj=1.7km s-min=1.5km az=93.0

THE 17 12:59:08.3, 3934N; 2309E, h12km, ML3.4

ISC 17 12:59:07.8; 0.4, 3938N; 0.02, 2308E; 0.04, h15km, 5km, n23, c0586/30, Aegean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for XOR Xorichti, AEO Neokhori, AOS Agios Georgios, etc.

IDC 17 13:10:29.7; 65.0, 1757S; 17677E, h0km, mb4.3/3, mb1.4/5/3, mb1mx3.9/12, mbtmp4.3/3, Error ellipse: s-maj=1143.0km s-min=138.3km az=76.0

ISCJB 17 13:10:36.2; 1.4, 178S; 0.6, 1764E; 0.2, h33km, mb4.2/4, Error ellipse: s-maj=87.2km s-min=24.5km az=163.4

NEIC 17 13:10:37.7; 1.1, 1760S; 17636E, h35km, mb4.3/1, Error ellipse: s-maj=67.7km s-min=19.2km az=172.0

ISC 17 13:10:38.5; 1.4, 177S; 0.6, 1764E; 0.2, h35km, n9, c0530/9, mb4.2/4, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for STKA Stephens Creek, WRA Warramunga Arr, AS31 Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for WRA Warramunga Arr, ASAR Alice Springs, AFI Afamalu, etc.

IDC 17 13:36:09.3; 13.0, 1476S; 16616E, h0km, mb3.7/3, mb1.3/9/4, mb1mx3.7/15, mbtmp3.8/4, ML4.3/1, Error ellipse: s-maj=233.3km s-min=37.3km az=59.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for DZM Mont Dzumac, DZM Charters Tower, STKA Stephens Creek, etc.

IDC 17 13:39:20.8; 2.5, 599S; 15056E, h108km, 56km, mb2.6/2, mb1.2/9/3, mb1mx2.8/13, mbtmp3.1/3, Error ellipse: s-maj=118.1km s-min=57.0km az=123.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

GUC 17 13:40:00.7; 0.6, 3154S; 7181W, h30km, 2km, MD4.0, ML3.7, 2C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for CHNG Los Chungos, CMCH Combarbala, PMCH Petorca, etc.

JACH Jahuel. ROCH El Roble. ROCH Tololo Astrono. TLL TLL. TLL TLL.

PEL Peldehue. PEL Peldehue. PEL Peldehue.

PCDM Rinconada Maip. CLCH Cerro Calan. CLCH Cerro Calan.

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17d 14h

MAW Mawson 79.80 199 P P 14 16 56.1 +1.4
AKASO Malin Array Be 146.35 331 PKPbc PKPbc 14 24 26.7 -0.4
CLL Collin 151.10 349 i PKPbc PKPbc 14 24 41.1 +1.7

ISC 17 14:09:04.0, 0.9, 4014N, 006.389E, 01, h30km, 11km, n9, 0589/12, Turkey

Code Station Name Az Phase ID Time Res ISC
KELT Kelkit 0.31 88 i P Pb 14 09 11.8 -0.6
KELT Kelkit 0.31 88 i S Sb 14 09 17.8 +0.3
EZZ Erzincan 0.84 118 PG P Pb 14 09 14.5 -6.1

BUI 17 14:35:43.0, 0.4677N, 8495E, h22km, ML3.3, 3C, Kazakhstan-Xinjiang border region

Code Station Name Az Phase ID Time Res ISC
MK31 Makanchi Array 1.83 272 Op P SC 14 36 15.8 +2.8
MK31 Makanchi Array 1.83 272 P SC 14 36 15.8 +2.8
MK31 Makanchi Array 1.83 272 P SC 14 36 15.8 +2.8

BUI 17 14:37:48.8, 6307N, 15046W, h117km, mb5.5, mb5.8 SZGRF 17 14:37:48.5, 6385N, 15038W, h120km, mb5.1, Central Alaska, United States

MOS 17 14:37:49.7, 0.8, 6329N, 15067W, h103km, mb5.4/62, MS4.0/7, Error ellipse: s-maj=9.9km s-min=3.8km az=95.5
ISCJB 17 14:37:51.3, 0.1, 6326N, 002.15071W, 004, h117km, mb5.4/213, Error ellipse: s-maj=3.3km s-min=1.6km az=88.4
GCMT 17 14:37:52.4, 0.1, 6329N, 15060W, h126km, 1km, MW5.3/100, Moment Tensor Solution. s77, c118; s100, c196; Duration: 160 Moment Tensor Scale 1017
NEIC 17 14:37:52.4, 0.1, 6310N, 15054W, h116km, mb5.3/146, After Aft

ISC 17 14:37:53.0, 0.1, 6330N, 002.15066W, 004, h119km, h119km-7D, Central Alaska

Code Station Name Az Phase ID Time Res ISC
TRF Thorofare Mount 0.22 48 Op P SC 14 38 09.7 +0.1
TRF Thorofare Mount 0.22 48 S S 14 38 22.1 0.0
KTH Kantishna Hill 0.28 335 P P Pn 14 38 10.1 +0.4

2006 OCT

BILL comp-Z, 87nm, 1.1s 18.05 304 eP P 14 41 55.6 +0.7
BILL Bilibino comp-Z, 140nm, 1.2s 19.90 247 eP P 14 42 12.0 -3.0
AMKA Alutka 20.91 122 eP P 14 42 25.5 -0.3
PGC Sidney 21.14 121 i P P 14 42 28.2 -0.1
A04A Legoe Bay, Lums 21.14 121 i P P 14 42 28.2 -0.1

626

K04A Chiquin 26.66 127 i P P 14 43 20.8 +0.2
J06A Christmas Vall 26.69 124 P P 14 43 20.9 +0.1
I08A Dreesey 26.73 121 i P P 14 43 21.0 -0.2
K05A Summer Lake 26.87 126 i P P 14 43 22.7 +0.3
J07A Hines 26.90 123 i P P 14 43 22.9 +0.2

LAO	LASA Array	29.64 103	eP	P	14 43 47.2 +0.1	TPH		ePP	pP	14 44 36.8 +0.3	baz=36	IRM	Iron Mountain	36.53 126	↑P	P	14 44 47.2 +0.4	
	comp=Z,105nm,0.9s,mb5.5					TPH		ePP	pP		baz=36,SNR=5.5	PFO	Pinyon Flat Ob	36.55 128	eP	P	14 44 45.9 -1.2	
OHCM	Honcut	29.65 130	eP	P	14 43 46.2 -0.9	TPH	comp=Z,23nm,0.9s,mb4.9	ePP	pP	14 44 10.6 +0.3	baz=36,SNR=5.5	PFO	Pinyon Flat Ob	36.55 128	eP	P	14 44 45.9 -1.2	
MNRC	McLaughlin Nat	29.73 132	↑P	P	14 43 48.1 +0.2	TPH	comp=Z,23nm,0.9s,mb4.9	ePP	pP	14 44 10.6 +0.3	baz=36,SNR=5.5	PFO	Pinyon Flat Ob	36.55 128	eP	P	14 44 46.5 -0.5	
N09A	Rock Creek Ran	29.74 123	↑P	P	14 43 48.4 +0.4	T06C	Millerton Lake	32.35 130	↑P	P	14 44 10.5 -0.3	baz=36,SNR=5.5	PFO	Pinyon Flat Ob	36.55 128	eP	P	14 44 46.5 -0.5
FLWY	Flagg Ranch	29.77 111	eP	P	14 43 49.5 +1.3	LRV	Little Rabbit	32.43 132	↑P	P	14 44 12.4 +0.8	baz=36,SNR=5.5	PFO	Pinyon Flat Ob	36.55 128	eP	P	14 44 48.0 +0.2
IMW	Indian Meadow	29.82 112	eP	P	14 43 49.5 +0.8	R10A	Warm Springs	32.44 124	↑P	P	14 44 11.5 -0.1	baz=36,SNR=5.5	W15A	Williams	36.71 122	↑P	P	14 44 48.9 +0.5
O07A	Toulon	29.84 126	↑P	P	14 43 49.3 +0.4	MTUM	Tungsten Hills	32.44 128	eP	P	14 44 12.5 +0.8	baz=36,SNR=5.5	WUAZ	Wupatki	36.76 120	eP	P	14 44 49.1 +0.4
M11A	Holland Ranch	29.91 120	↑P	P	14 43 50.1 +0.6	S08C	White Mtn	32.45 127	↑P	P	14 44 12.2 +0.5	baz=36,SNR=5.5	WUAZ	Wupatki	36.76 120	eP	P	14 44 49.1 +0.4
DCID1	Drake Creek	29.96 112	eP	P	14 43 51.2 +1.3	DAU	Daniels Canyon	32.58 116	eP	P	14 44 13.6 +0.7	baz=36,SNR=5.5	WUAZ	Wupatki	36.76 120	eP	P	14 44 49.1 +0.4
DCID1	Drake Creek	29.96 112	eP	P	14 43 51.2 +1.3	S09A	Goldfield	32.60 126	eP	P	14 44 13.2 +0.2	baz=36,SNR=5.5	WUAZ	Wupatki	36.76 120	eP	P	14 44 49.1 +0.4
O08A	Rochester Mine	30.00 125	↑P	P	14 43 50.9 +0.7	RSSD	Black Hills	32.61 104	eP	P	14 44 13.2 +0.1	baz=36,SNR=5.5	WUAZ	Wupatki	36.76 120	eP	P	14 44 49.1 +0.4
MOOW	Moose Ponds	30.02 112	eP	P	14 43 51.5 +1.1	RSSD	Black Hills	32.61 104	eP	P	14 44 13.2 +0.1	baz=36,SNR=5.5	WUAZ	Wupatki	36.76 120	eP	P	14 44 49.1 +0.4
RR12	Red Ridge	30.11 113	eP	P	14 43 52.2 +1.0	RSSD	Black Hills	32.61 104	eP	P	14 44 13.2 +0.1	baz=36,SNR=5.5	WUAZ	Wupatki	36.76 120	eP	P	14 44 49.1 +0.4
TPAW	Teton Pass	30.15 112	eP	P	14 43 52.4 +0.9	RSSD	Black Hills	32.61 104	eP	P	14 44 13.2 +0.1	baz=36,SNR=5.5	WUAZ	Wupatki	36.76 120	eP	P	14 44 49.1 +0.4
TPAW	Long Hollow	30.19 112	eP	P	14 43 52.4 +0.5	RSSD	Black Hills	32.61 104	eP	P	14 44 13.2 +0.1	baz=36,SNR=5.5	WUAZ	Wupatki	36.76 120	eP	P	14 44 49.1 +0.4
LOHW	Long Hollow	30.19 112	eP	P	14 43 52.4 +0.5	RSSD	Black Hills	32.61 104	eP	P	14 44 13.2 +0.1	baz=36,SNR=5.5	WUAZ	Wupatki	36.76 120	eP	P	14 44 49.1 +0.4
CVS	Carmen Viney	30.21 132	↑P	P	14 43 52.2 +0.2	RSSD	Black Hills	32.61 104	eP	P	14 44 13.2 +0.1	baz=36,SNR=5.5	WUAZ	Wupatki	36.76 120	eP	P	14 44 49.1 +0.4
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	NLU	North Lily Min	32.64 117	eP	P	14 44 13.3 -0.1	baz=36,SNR=5.5	DAG	Danmarks Havn	37.01 171	↑P	P	14 44 51.2 +0.3
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	MPU	Maple Canyon	32.77 117	eP	P	14 44 14.8 +0.4	baz=36,SNR=5.5	DAG	Danmarks Havn	37.01 171	↑P	P	14 44 51.2 +0.3
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	TIN	Tinemaha	32.83 128	↑P	P	14 44 15.9 +0.9	baz=36,SNR=5.5	DAG	Danmarks Havn	37.01 171	↑P	P	14 44 51.2 +0.3
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	HELL	Mitchell Peak	32.88 129	↑P	P	14 44 15.0 -0.5	baz=36,SNR=5.5	X14A	Yava	37.10 123	↑P	P	14 44 52.2 +0.5
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	PKD	Parkfield	33.02 132	↑P	P	14 44 16.8 +0.1	baz=36,SNR=5.5	Y12C	Blythe	37.13 126	↑P	P	14 44 52.1 +0.2
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	AGMN	Agassiz Refuge	33.07 91	eP	P	14 44 16.5 -0.6	baz=36,SNR=5.5	SDCO	Great Sand Dun	37.22 112	eP	P	14 44 53.2 +0.5
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	GRAC	Grapevine Rang	33.19 127	↑P	P	14 44 18.6 +0.5	baz=36,SNR=5.5	SDCO	Great Sand Dun	37.22 112	eP	P	14 44 53.2 +0.5
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	RWWY	Rawlins	33.20 110	eP	P	14 44 18.1 -0.1	baz=36,SNR=5.5	SDCO	Great Sand Dun	37.22 112	eP	P	14 44 53.2 +0.5
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	V05C	Boulder Hill	33.31 131	↑P	P	14 44 20.4 +1.1	baz=36,SNR=5.5	Y13A	Salome	37.33 125	↑P	P	14 44 53.8 +0.2
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	PTRM	Twisselman Ran	33.40 131	eP	P	14 44 21.4 +1.4	baz=36,SNR=5.5	X15A	Humboldt	37.33 122	↑P	P	14 44 54.4 +0.7
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	CWC	Cottonwood Cre	33.43 128	↑P	P	14 44 21.2 +0.9	baz=36,SNR=5.5	SWSC	Sam W. Stewart	37.39 128	↑P	P	14 44 54.2 +0.1
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	TMUT	Trail Mountain	33.55 117	eP	P	14 44 21.1 -0.2	baz=36,SNR=5.5	Y14A	Wickenburg	37.52 124	↑P	P	14 44 55.7 +0.5
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	VES	Vestal, Richgr	33.62 130	↑P	P	14 44 22.0 +0.1	baz=36,SNR=5.5	DVTC	Desert V Tower	37.54 128	↑P	P	14 44 55.5 +0.1
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	DAC	Darwin (Calif)	33.75 127	eP	P	14 44 23.5 +0.5	baz=36,SNR=5.5	KBS	Kingsbay	37.63 5	eP	P	14 44 56.5 +0.4
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	DAC	Darwin (Calif)	33.75 127	eP	P	14 44 23.5 +0.5	baz=36,SNR=5.5	GLA	Glamis	37.64 126	↑P	P	14 44 56.4 +0.1
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	DAC	Darwin (Calif)	33.75 127	eP	P	14 44 23.5 +0.5	baz=36,SNR=5.5	GLA	Glamis	37.64 126	↑P	P	14 44 56.4 +0.1
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	DAC	Darwin (Calif)	33.75 127	eP	P	14 44 23.5 +0.5	baz=36,SNR=5.5	GLA	Glamis	37.64 126	↑P	P	14 44 56.4 +0.1
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	DAC	Darwin (Calif)	33.75 127	eP	P	14 44 23.5 +0.5	baz=36,SNR=5.5	GLA	Glamis	37.64 126	↑P	P	14 44 56.4 +0.1
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	DAC	Darwin (Calif)	33.75 127	eP	P	14 44 23.5 +0.5	baz=36,SNR=5.5	GLA	Glamis	37.64 126	↑P	P	14 44 56.4 +0.1
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	DAC	Darwin (Calif)	33.75 127	eP	P	14 44 23.5 +0.5	baz=36,SNR=5.5	GLA	Glamis	37.64 126	↑P	P	14 44 56.4 +0.1
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	DAC	Darwin (Calif)	33.75 127	eP	P	14 44 23.5 +0.5	baz=36,SNR=5.5	GLA	Glamis	37.64 126	↑P	P	14 44 56.4 +0.1
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	DAC	Darwin (Calif)	33.75 127	eP	P	14 44 23.5 +0.5	baz=36,SNR=5.5	GLA	Glamis	37.64 126	↑P	P	14 44 56.4 +0.1
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	DAC	Darwin (Calif)	33.75 127	eP	P	14 44 23.5 +0.5	baz=36,SNR=5.5	GLA	Glamis	37.64 126	↑P	P	14 44 56.4 +0.1
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	DAC	Darwin (Calif)	33.75 127	eP	P	14 44 23.5 +0.5	baz=36,SNR=5.5	GLA	Glamis	37.64 126	↑P	P	14 44 56.4 +0.1
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	DAC	Darwin (Calif)	33.75 127	eP	P	14 44 23.5 +0.5	baz=36,SNR=5.5	GLA	Glamis	37.64 126	↑P	P	14 44 56.4 +0.1
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	DAC	Darwin (Calif)	33.75 127	eP	P	14 44 23.5 +0.5	baz=36,SNR=5.5	GLA	Glamis	37.64 126	↑P	P	14 44 56.4 +0.1
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	DAC	Darwin (Calif)	33.75 127	eP	P	14 44 23.5 +0.5	baz=36,SNR=5.5	GLA	Glamis	37.64 126	↑P	P	14 44 56.4 +0.1
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	DAC	Darwin (Calif)	33.75 127	eP	P	14 44 23.5 +0.5	baz=36,SNR=5.5	GLA	Glamis	37.64 126	↑P	P	14 44 56.4 +0.1
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	DAC	Darwin (Calif)	33.75 127	eP	P	14 44 23.5 +0.5	baz=36,SNR=5.5	GLA	Glamis	37.64 126	↑P	P	14 44 56.4 +0.1
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	DAC	Darwin (Calif)	33.75 127	eP	P	14 44 23.5 +0.5	baz=36,SNR=5.5	GLA	Glamis	37.64 126	↑P	P	14 44 56.4 +0.1
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	DAC	Darwin (Calif)	33.75 127	eP	P	14 44 23.5 +0.5	baz=36,SNR=5.5	GLA	Glamis	37.64 126	↑P	P	14 44 56.4 +0.1
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	DAC	Darwin (Calif)	33.75 127	eP	P	14 44 23.5 +0.5	baz=36,SNR=5.5	GLA	Glamis	37.64 126	↑P	P	14 44 56.4 +0.1
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	DAC	Darwin (Calif)	33.75 127	eP	P	14 44 23.5 +0.5	baz=36,SNR=5.5	GLA	Glamis	37.64 126	↑P	P	14 44 56.4 +0.1
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	DAC	Darwin (Calif)	33.75 127	eP	P	14 44 23.5 +0.5	baz=36,SNR=5.5	GLA	Glamis	37.64 126	↑P	P	14 44 56.4 +0.1
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	DAC	Darwin (Calif)	33.75 127	eP	P	14 44 23.5 +0.5	baz=36,SNR=5.5	GLA	Glamis	37.64 126	↑P	P	14 44 56.4 +0.1
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	DAC	Darwin (Calif)	33.75 127	eP	P	14 44 23.5 +0.5	baz=36,SNR=5.5	GLA	Glamis	37.64 126	↑P	P	14 44 56.4 +0.1
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	DAC	Darwin (Calif)	33.75 127	eP	P	14 44 23.5 +0.5	baz=36,SNR=5.5	GLA	Glamis	37.64 126	↑P	P	14 44 56.4 +0.1
BMN	Battle Mountai	30.22 123	eP	P	14 43 52.5 +0.3	DAC	Darwin (Calif)	33.75 127	eP	P	14 44 23.5 +0.5	baz=36,SNR=5.5	GLA	Glamis	37.64 126	↑P	P	14 44 56.

Table with columns for station name, coordinates, and various data points. Includes stations like Portageville, Lajitas Array, Wyandotte Cave, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like Namsos, MOY Monday, Tamitsa, Zakamensk, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like MOS, OBN Obninsk, MNSK Minsk, etc.

17d 19h

MEX 17 18:14:08.8±1.1, 1902N-10305W, h24km, 56km, MD4.0, Jalisco

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MMIG Aquila, SFJM Santa Fe, MOIG Morelia, etc.

ISCJBJ 17 18:37:17.7±4.4, 56S-05:1508E±0.5, h24km, 34km, mb4.0/4, Error ellipse: s-maj=118.5km s-min=29.2km az=93.3

NEIC 17 18:37:17.3±0.9, 554S:15104E, h35km, mb3.4/1, Error ellipse: s-maj=65.9km s-min=13.8km az=134.0

IDC 17 18:37:18.8±6.2, 566S:15105E, h44km, 54km, mb3.8/4, mb1.4/0.5, mb1mx3.8/1.4, mbtpm4.0/5, ML2.0/1, Error ellipse: s-maj=88.6km s-min=39.8km az=141.0

ISC 17 18:37:19.9±3.9, 58S-06:1510E±0.5, h44km, 31km, n11, ±0.677/10, mb4.0/4, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMG Port Moresby, WB2 Warramunga Arr, WRA Warramunga Arr, etc.

NEIC 17 18:38:52.3±2.9, 557S:15093E, h35km, mb3.8/1, Error ellipse: s-maj=121.0km s-min=31.1km az=123.0

ISCJBJ 17 18:39:01.8±5.4, 56S-05:1500E±0.6, h87km, 36km, mb3.5/2, Error ellipse: s-maj=124.1km s-min=44.2km az=69.8

IDC 17 18:39:01.6±8.0, 601S:15058E, h88km, 56km, mb3.4/3, mb1.3/6.4, mb1mx3.3/1.4, mbtpm3.8/4, ML2.5/1, MS2.7/1, Ms1.2/7.1, ms1mx2.3/1.6, Error ellipse: s-maj=98.2km s-min=54.1km az=127.0

ISC 17 18:39:02.8±5.4, 59S-05:1504E±0.6, h88km, 33km, n9, ±0.647/9, mb3.5/2, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMG Port Moresby, WRAB Tennant Creek, WB2 Warramunga Arr, etc.

ISCJBJ 17 18:46:35.7±1.0, 60S-02:1511E±0.2, h33km, mb3.9/7, MS3.5/4, Error ellipse: s-maj=43.6km s-min=11.5km az=88.1

NEIC 17 18:46:36.1±0.9, 628S:15147E, h35km, mb4.1/2, Error ellipse: s-maj=14.2km s-min=14.8km az=129.0

IDC 17 18:46:37.6±6.4, 617S:15126E, h41km, 52km, mb3.8/6, mb1.4/0.7, mb1mx3.8/1.4, mbtpm4.0/7, ML2.2/1, MS3.4/7, Ms1.3/4.7, ms1mx3.2/2.4, Error ellipse: s-maj=46.4km s-min=33.7km az=121.0

ISC 17 18:46:37.5±1.0, 61S-02:1512E±0.2, h35km, n21, ±0.68/16, mb3.9/7, MS3.5/4, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMG Port Moresby, PMG Port Moresby, HNR Honiara, CTA Charters Tower, GUMO Guam, etc.

NIED 17 19:19:00, 3750N-14300E, h20km, Mw4.7 Best double couple: M1.43000x1016 N1.19s14.00000, 868.00000,

2006 OCT

λ83.00000°, NP2±0.212.00000°, δ23.00000°, λ106.00000°

BUI 17 19:19:07.4, 3759N-14275E, h133km, mb5.0, mb4.8, Ms4.6, Ms24.5

JMA 17 19:19:08.4±0.2, 3753N-14302E, h44km, Ms5.0, JMA Felt 1 J1

ISCJBJ 17 19:19:09.5±0.2, 3753N-14288E±0.03, h27km, mb4.8/100, MS4.5/41, Error ellipse: s-maj=3.8km s-min=3.0km az=76.8

GCMT 17 19:19:10.7±0.7, 3745N-14298E, h28km, 2km, MW4.8/44, Moment Tensor Solution, s6c7, s44, c66; Duration: 0

Moment tensor: Scale 1016N/m; M1-27±18; M2-0.02±10; M3-1.18±11; M4-0.9±15; M5-0.44±05; M6-1.06±14; Best double couple: M1.79000, 1016

NP1±191.00000°, δ24.00000°, λ76.00000°, NP2: ±27.00000°, δ67.00000°, λ96.00000°. Principal axes: T 1.7700, Plg68.0000°, Azm309.0000°; N 0.0400, Plg6.0000°, Azm204.0000°; P -1.8100, Plg22.0000°, Azm112.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 17 19:19:10.7±0.2, 3751N-14286E, mb4.9/55, MS4.5/6, MW4.7(NIED) Error ellipse: s-maj=5.9km s-min=4.6km az=124.0

NEIC Recorded [1 JMA] in Miyagi Prefecture, IDC 17 19:19:11.4±7.0, 3749N-14291E, h28km, 49km, mb4.3/23, mb1.4/3.26, mb1mx4.4/32, mbtpm4.5/26, ML4.3/3, MS4.1/17, Ms1.4/1.7, ms1mx3.8/3.7, Error ellipse: s-maj=17.8km s-min=13.3km az=84.0

SZGRF 17 19:19:12.8, 3787N-14374E, h33km, mb5.4, Off east coast of Honshu, Japan

MOS 17 19:19:13.9±0.8, 3787N-14254E, h2km, mb5.1/62, MS4.5/2.00000°, Error ellipse: s-maj=9.0km s-min=4.6km az=115.6

ISC 17 19:19:11.5±0.2, 3759N-14286E±0.03, h29km, h25km, 1.1km, ±0.99/342, mb4.8/100, MS4.5/41, 23C-10D, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JIO Ouri, JFK Kawauchi, JMM Marumori, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAJO Matsushiro, MAT Matsushiro, JNG Nsakai, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YUK Yuzh-Kuril sk, YUK Yuzh-Kuril sk, YUK Yuzh-Kuril sk, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CN2 Changchun, DL2 Dalian, etc.

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Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DL2, SSE Sheshan, SSE Hailar, SSE Nanjing, etc.

Table with columns: SUW, Suwalki, 75.04 328, P, P, 19 30 49.7 -0.7, etc. Lists various meteorological observations and forecasts.

Table with columns: GRF, Grafenberg Arr, 83.16 331, eP, P, 19 31 34.8 0.0, etc. Lists various meteorological observations and forecasts.

Table with columns: ELDT, Eldivan, 1.82 100, iP, Pn, 19 41 08.9 +0.6, etc. Lists various meteorological observations and forecasts.

ISCJB 17 19:47:45.0.0.7, 2098S:005:6864W:009, h115km, 7km, mb4.3/15, Error ellipse: s-maj=13.7km s-min=8.6km az=159.0

NEIC 17 19:47:45.8.0.8, 2098S:6861W, h106km, 7km, mb4.5/12, Error ellipse: s-maj=10.9km s-min=7.2km az=78.0

BUL 17 19:47:45.7.2100S:6860W, h106km, mb5.0, IDU 17 19:47:47.40.5.2113S:6862W, h126km, 5km, mb4.1/9, mb4.1/13, mb1mx3.9/23, mb1mx4.5/13, MS3.5/2, Ms1 3.5/2, ms1mx2.7/31, Error ellipse: s-maj=17.1km s-min=7.2km az=102.0

ISC 17 19:47:47.0.0.6, 2106S:005:6865W:009, h116km, 6km, n47, r126/43, mb4.3/15, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, etc. Lists various meteorological observations and forecasts.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MAW Mawson, WRA Warramunga Arr, MK31 Makanchi Array, etc.

IDC 17 19:52:53.0-3.9, 2079N, 12111E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.4/1n, mbtmp3.5/3, Error ellipse: s-maj=312.1km s-min=28.4km az=60.0, Philippine Islands region

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

MOS 17 20:01:05.5-1.5, 5374N, 16931E, h30km, mb4.4/1, Error ellipse: s-maj=40.1km s-min=17.2km az=23.8 KRSC 17 20:01:05, 5374N, 16931E, h30km, ML4.3, Komandorsky Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KBTR Krutoberegovo, MKZ Mys Kozlova, WRA Warramunga Arr, etc.

IDC 17 20:11:50.2-2.2, 664S, 12902E, h0km, mb3.6/1, mb1 4.2/4, mb1mx3.9/13, mbtmp4.0/4, ML4.2/2, Error ellipse: s-maj=99.2km s-min=27.5km az=75.0 NEIC 17 20:12:22.2km s-min=10.0km az=60.0, Banda Sea

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

KRSC 17 20:16:31, 5291N, 15763E, h250km, ML4.2 MOS 17 20:16:32, 1.4, 5322N, 15720E, h245km, mb3.8/6, Error ellipse: s-maj=22.3km s-min=13.9km az=71.6

ISCJB 17 20:16:33, 1.0, 5289N, 0071579E, h248km, 5km, mb3.6/8, Error ellipse: s-maj=20.9km s-min=6.5km az=50.5 IDC 17 20:16:40.2-4.9, 5321N, 15657E, h298km, mb4.8km, mb3.3/8, mb1 3.5/9, mb1mx3.3/23, mbtmp4.0/9, Error ellipse: s-maj=22.3km s-min=15.6km az=94.0

ISC 17 20:16:32.9-0.5, 5301N, 006E, 1574E, 02, h243km, 6km, n35, 1529/49, mb3.6/8, 1D, Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GRG Gorely, PET Petropavlovsk, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TUMR Mys Kozlova, MKZ Mys Kozlova, KMINR Kamenistaya, etc.

ASAJ Asahikawa 13.21 234 P Pn 20 19 34.4 +2.8 ASAJ Asahikawa 13.21 234 P Pn 20 19 34.4 +2.8

YAK Yakutsk 17.28 312 eP P 20 20 15.6 -2.5 YAK Yakutsk 17.28 312 eP P 20 20 15.6 -2.5

MJAR Matushiro Arr 21.25 227 P Pn 20 21 01.3 +0.8 MJAR Matushiro Arr 21.25 227 P Pn 20 21 01.3 +0.8

MJAR Matushiro Arr 21.25 227 P Pn 20 21 01.3 +0.8 MJAR Matushiro Arr 21.25 227 P Pn 20 21 01.3 +0.8

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MJAR Matushiro Arr 21.25 227 P Pn 20 21 01.3 +0.8 MJAR Matushiro Arr 21.25 227 P Pn 20 21 01.3 +0.8

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASPA Alice Springs, FITZ Fitzroy Crossi, PLCA Paso Flores, etc.

ISCJB 17 20:31:14.5-0.8, 1063N, 005E, 6271W, 0.04, h86km, 9km, Error ellipse: s-maj=8.6km s-min=5.1km az=120.1 NEIC 17 20:31:15.1, 1064N, 6267W, h84km, MD3.1, After TRN.

TRN 17 20:31:15.1, 1064N, 6267W, h84km, MD3.1 FUNV 17 20:31:15.8, 1068N, 6271W, h82km, MW3.4 ISC 17 20:31:15.0-0.9, 1064N, 005E, 6271W, 0.04, h85km, 9km, n13, 0581/24, 1C, Near coast of Venezuela

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GUIV Guiria, CRUV Carupano, ITVE Isla Los Testi, etc.

NEIC 17 20:34:09.5-2.7, 632S, 15151E, h35km, mb4.3/3, Error ellipse: s-maj=83.0km s-min=20.4km az=111.0

ISCJB 17 20:34:22.5-4.9, 61S, 02E, 1504E, 0.05, h122km, 30km, mb4.3/3, Error ellipse: s-maj=79.5km s-min=27.6km az=34.3

IDC 17 20:34:22.5-7.0, 598S, 15041E, h118km, 48km, mb3.8/3, mb1 3.9/4, mb1mx3.5/14, mbtmp4.2/4, MS3.0/2, ms1mx2.6/24, Error ellipse: s-maj=85.0km s-min=50.1km az=127.0

ISC 17 20:34:22.3-4.8, 62S, 02E, 1507E, 0.4, h112km, 29km, n14, 0559/14, mb4.3/3, New Britain region

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

IDC 17 20:43:11.0-7.4, 595S, 15057E, h118km, 50km, mb3.2/3, mb1 3.4/3, mb1mx3.2/14, mbtmp3.6/4, Error ellipse: s-maj=95.0km s-min=53.0km az=124.0, New Britain region

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

IDC 17 20:52:35.0-8.4, 587S, 15067E, h95km, 58km, mb3.2/2, mb1 3.4/3, mb1mx3.2/13, mbtmp3.6/3, ML2.2/1, Error ellipse: s-maj=117.8km s-min=55.3km az=121.0, New Britain region

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

ISCJB 17 20:53:14.0-0.3, 4041N, 002E, 12607W, 0.03, h10km, mb4.6/9, MS4.2/3, Error ellipse: s-maj=3.3km s-min=1.9km az=131.3

IDC 17 20:53:13.7-0.7, 4046N, 12610W, h0km, mb4.1/13, mb1 4.4/17, mb1mx4.2/34, mbtmp4.2/17, ML4.8/4, MS4.1/33, MS1.4/133, ms1mx4.1/38, Error ellipse: s-maj=15.0km s-min=10.2km az=7.0

NEIC 17 20:53:14.0-1.1, 4037N, 12626W, h10km, mb4.9/32, MS4.9/1, MW4.6(BRK), Error ellipse: s-maj=13.9km s-min=4.3km az=80.0

NEIC Felt at Crescent City, Eureka, Los Gatos, San Francisco, San Jose, San Pablo and Soquel.

GCMT 17 20:53:14.0-0.4, 4046N, 12629W, h12km, MW4.9/85, Moment Tensor Solution: s=0.639, s85.c142, Duration: 0 Moment tensor: Scale 1019N; Mw=0.73; Mb=0.73; Ms=0.11; 08; Ms0.84; 08; Ms0.03; 21; Ms0.26; 06; Ms0.12; 23; Best double couple: M=2.71600e+16 NP1: 0.95, 0.0000, 0.87, 0.0000, 1.178, 0.0000. NP2: 0.5, 0.0000, 0.88, 0.0000, 1.3, 0.0000. Principal axes: T 3.0820, Plg1.0000, Azm5.0000, N -0.7300, Plg86.0000, Azm158.0000, P -2.3510, Plg3.0000, Azm320.0000; nstai refers to body waves, cutoff=40s.

IDC 17 20:29:29.4-7.8, 608S, 15064E, h80km, 58km, mb3.7/3, mb1 3.8/4, mb1mx3.5/14, mbtmp4.0/4, ML2.2/1, MS4.1/1, MS1.4/1, ms1mx2.6/25, Error ellipse: s-maj=76.2km s-min=51.4km az=145.0

NEIC 17 20:29:23.1-1.4, 581S, 15071E, h35km, mb4.0/2, Error ellipse: s-maj=68.5km s-min=21.3km az=135.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMG Port Moresby, PMG Port Moresby, WRAB Tennant Creek, etc.

nsta2 refers to surface waves, cutoff=50s.
 BUJ 17:20:53:14.0, 40A0N, 12630W, h10km, mB5.3, mb4.8, Ms5.1, Msz4.7
 ISC 17:20:53:16.3, 0.8, 40A0N, 12607W, 0.03, h13km, 5km, h14km, 1.3km, pP-P, n350, s1912/351, mb4.6/39, Ms4.2/33, 100C-88D, Off coast of northern California

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res	h	m	s	ISC
JCC	Jacoby Creek	1.61	74	Op	ISC	20 53 42.1	-2.3				
JCC	baz=1.6			↑S	Sn	20 54 02.6	-2.4				
O01C	Eel River Cons	1.74	98	↓P	Pn	20 53 45.3	-0.9				
O01C	baz=1.7			↓P	Pn	20 54 08.2	0.0				
KHMM	Horse Mountain	1.84	74	↑P	Pn	20 53 45.6	-2.0				
KRMS	Red Mountain	1.98	55	↑P	Pn	20 53 47.2	-2.3				
M01C	Crescent City	2.06	45	↑P	Pn	20 53 48.6	-2.1				
M01C	baz=2.0			↓S	Sn	20 54 11.9	-4.3				
KIPM	Iron Peak	2.07	106	ePn	Pn	20 53 49.7	-1.0				
N02C	Big Bar	2.14	78	↑P	Pn	20 53 49.9	-1.9				
N02C	baz=2.1			↓S	Sn	20 54 17.8	-0.5				
KBO	Bosley Butte	2.28	37	↑Pn	Pn	20 53 51.7	-1.9				
P01C	Double 8 Ranch	2.29	113	↑P	Pn	20 53 52.2	-1.7				
P01C	baz=2.2			↑S	Sn	20 54 20.7	-1.3				
O02C	Red Bluff	2.52	94	↑P	Pn	20 53 56.2	-0.8				
O02C	baz=2.5			↑S	Sn	20 54 27.6	+0.2				
L02A	Cave Junction	2.56	46	↑P	Pn	20 53 56.1	-1.4				
M02C	Callahan	2.63	67	↓P	Pn	20 53 56.6	-1.8				
M02C	baz=2.6			↑S	Sn	20 54 28.2	-2.0				
GASB	Alder Springs	2.68	105	↑P	Pn	20 53 58.3	-0.8				
GASB	baz=2.6			↓S	Sn	20 54 31.2	-0.2				
K01A	Sixes	2.69	26	↑P	Pn	20 53 57.2	-2.1				
WDC	Whiskeytown Da	2.69	85	ePn	Pn	20 53 58.0	-1.4				
WDC	Whiskeytown Da	2.69	85	↑P	Pn	20 53 58.1	-1.3				
WDC	baz=2.6			↑S	Sn	20 54 31.7	-0.1				
HOPS	Hopland	2.70	120	ePn	Pn	20 53 57.5	-2.0				
HOPS	Hopland	2.70	120	↑P	Pn	20 53 57.5	-1.9				
HOPS	baz=2.7			↑S	Sn	20 54 33.4	+1.3				
KEBM	Edson Butte	2.79	27	↑Pn	Pn	20 53 58.3	-2.4				
YBH	Yreka Blue Hor	2.87	61	↑Pn	Pn	20 54 00.8	-0.9				
YBH	82nm, 0.3s, baz=253, slow=13, SNR=427			Sn		20 54 36.0	0.0				
YBH	65nm, 0.3s, baz=140, slow=17, SNR=14			LR		20 55 21.6					
YBH	comp=Z, lum, 18.8s, baz=239, slow=45			LR		20 54 00.4	-1.3				
YBH	Yreka Blue Hor	2.87	61	↑P	Pn	20 54 00.3	-1.4				
YBH	Yreka Blue Hor	2.87	61	↑P	Pn	20 54 00.3	-1.4				
YBH	baz=2.8			↓S	Sn	20 54 34.3	-1.8				
K02A	Glendale	3.06	38	↓P	Pn	20 54 03.0	-0.8				
K02A	baz=3.0			↓S	Sn	20 54 38.9	-1.9				
O03C	Acorn Hollow,	3.12	96	↑P	Pn	20 54 04.5	-0.7				
O03C	baz=3.1			↑S	Sn	20 54 42.5	+0.3				
M03C	McLaughlin Nat	3.18	117	↑P	Pn	20 54 06.8	+0.7				
HUMO	Hull Mountain	3.21	46	↑Pn	Pn	20 54 05.3	-1.1				
HUMO	Hull Mountain	3.21	46	↑P	Pn	20 54 05.5	-0.9				
HUMO	baz=3.2			↓S	Sn	20 54 08.9	-0.7				
DBO	Dodson Butte	3.44	37	↑P	Pn	20 54 08.8	-1.2				
CVS	Carmen Viney	3.47	125	↑P	Pn	20 54 08.8	-1.2				
CVS	baz=3.4			↑S	Sn	20 54 50.6	-0.3				
M04C	Macdoel	3.48	65	↑P	Pn	20 54 09.3	-0.8				
SUTB	Sutter Butte	3.50	108	↑P	Pn	20 54 09.0	-1.4				
SUTB	baz=3.4			↓S	Sn	20 54 51.5	-0.1				
J02A	Umpqua	3.50	31	↑P	Pn	20 54 09.1	-1.3				
HATC	Hat Creek Radi	3.53	82	↑P	Pn	20 54 09.8	-1.1				
HATC	baz=3.5			↑S	Sn	20 54 53.3	+0.9				
BBOR	Butler Butte	3.55	44	↑P	Pn	20 54 10.9	-0.3				
Q03C	Winters	3.60	118	↑P	Pn	20 54 14.1	+2.4				
FARB	Farallon Islan	3.60	138	↓P	Pn	20 54 10.0	-1.8				
LASM	Arnica Sink	3.60	69	↑P	Pn	20 54 11.2	-0.7				
ORV	Oroville	3.61	102	↑P	Pn	20 54 10.4	-1.5				
ORV	baz=3.6			↓S	Sn	20 54 54.6	+0.2				
L04A	Klamath Falls	3.61	59	↑P	Pn	20 54 11.3	-0.7				
LBCM	Butte Creek Ri	3.62	82	↑P	Pn	20 54 11.5	-0.5				
OHCN	Honcuc	3.68	105	ePn	Pn	20 54 11.9	-1.1				
J03A	Idealy Park	3.77	37	↑P	Pn	20 54 13.6	-0.5				
O04C	Chester	3.80	90	↑P	Pn	20 54 14.6	-0.1				
O04C	baz=3.8			↓S	Sn	20 54 60.0	+0.7				
H5O	Harness Mounta	3.83	34	↑P	Pn	20 54 14.3	-0.7				
M05C	Lookout	3.85	74	↑P	Pn	20 54 14.7	-0.6				
M05C	baz=3.8			↓S	Sn	20 55 00.3	-0.1				
RNO	Roman Nose	3.91	25	↑P	Pn	20 54 14.6	-1.5				
K04A	Chilquin	3.94	54	↑P	Pn	20 54 16.5	+0.1				
Q04C	baz=3.9			↓P	Pn	20 54 15.8	-0.7				
I02A	Mapleton	3.97	24	↑P	Pn	20 54 15.1	-1.8				
O05C	Quincy	3.97	95	↑P	Pn	20 54 17.2	+0.4				
SAC	San Andreas	4.00	134	ePn	Pn	20 54 16.0	-1.3				
BDM	Black Diamond	4.08	125	↑P	Pn	20 54 18.1	-0.2				
ELFS	Eagle Lake Fie	4.08	85	↑P	Pn	20 54 18.1	-0.2				
I03A	Eugene	4.13	29	↓P	Pn	20 54 17.6	-1.5				
JRSC	Jasper Ridge	4.23	134	↑P	Pn	20 54 18.8	-1.6				
L05A	Lakeview	4.28	66	↑P	Pn	20 54 20.8	-0.3				
M06C	Likely Place G	4.32	77	↑P	Pn	20 54 21.1	-0.6				
WENL	Wente Brothers	4.45	128	↑P	Pn	20 54 21.7	-0.5				
BEKR	Beckworth	4.41	95	↑P	Pn	20 54 22.0	-0.9				
HBO	Huckleberry Mo	4.43	38	↑P	Pn	20 54 23.4	+0.2				
LAVA	Lava Cap Winer	4.43	110	↑P	Pn	20 54 22.6	-0.6				
BNLO	Ben Lomond (Sa	4.46	136	↑P	Pn	20 54 21.6	-2.0				
R04C	Big Horse Ranc	4.52	117	↑P	Pn	20 54 24.4	0.0				
K05A	Summer Lake	4.52	57	↓P	Pn	20 54 24.3	-0.2				
H02A	Toledo	4.54	19	↓P	Pn	20 54 24.1	-0.6				
IROA	Indian Ridge	4.58	37	↑P	Pn	20 54 25.4	0.0				
MOD	Modoc	4.60	69	ePn	Pn	20 54 25.1	-0.5				
MOD	Modoc	4.60	69	↑P	Pn	20 54 24.8	-0.8				
MOD	baz=4.6			SNR=70							

J05A	Fort Rock	4.62	50	↑P	Pn	20 54 26.2	+0.3				
COR	Corvallis	4.66	25	ePn	Pn	20 54 25.5	-0.8				
BROR	Big Rock Looko	4.70	34	↑P	Pn	20 54 26.6	-0.3				
H03A	Soap Creek Ran	4.74	25	↓P	Pn	20 54 26.8	-0.7				
N06A	Buffalo Meadow	4.76	84	↑P	Pn	20 54 27.4	-0.4				
O06A	Flanigan	4.78	91	↑P	Pn	20 54 27.8	-0.2				
FRIS	Frissel Point	4.81	36	↑P	Pn	20 54 28.6	+0.1				
WIFE	Three Sisters-	4.83	39	↑P	Pn	20 54 28.9	+0.1				
HUOR	Husband	4.86	39	↑P	Pn	20 54 29.4	+0.3				
R05C	Kirkwood Meado	4.93	108	↑P	Pn	20 54 30.9	+0.8				
NOR	Newberry Crate	4.94	46	↑P	Pn	20 54 30.8	+0.7				
K06A	Valley Falls	4.98	59	↑P	Pn	20 54 30.4	-0.3				
WCB	Washoe City	4.98	101	↓P	Pn	20 54 31.5	+0.8				
CWCN	Columbia Colle	5.00	116	↑Pn	Pn	20 54 32.6	+1.5				
CMB	173nm, 0.5s			eSn	Sn	20 55 26.8	-2.0				
CMB	Columbia Colle	5.00	116	↑P	Pn	20 54 31.7	+0.6				
PACP	Pacheco Peak	5.04	131	↑P	Pn	20 54 30.4	-1.2				
BKOR	Black Crater	5.07	38	↑P	Pn	20 54 32.1	+0.1				
SAO	San Andreas Ge	5.12	134	↑Pn	Pn	20 54 30.8	-1.9				
H04A	Detroit Lake	5.15	33	↑P	Pn	20 54 32.8	-0.4				
PIOR	Pine Mountain	5.15	47	↑P	Pn	20 54 33.8	+0.6				
PAHR	Palah Range	5.17	96	↑Pn	Pn	20 54 33.3	-0.1				
J06A	Christmas Vall	5.26	55	↑P	Pn	20 54 34.6	0.0				
M07A	Soldier Meadow	5.32	77	↑P	Pn	20 54 34.2	-1.2				
G03A	Yamhill	5.32	22	↑P	Pn	20 54 35.3	-0.2				

Table with columns for station name, frequency, and signal strength. Includes stations like Charters Tower, Kauri Point, and Warramunga Arr.

Table with columns for station name, frequency, and signal strength. Includes stations like Alice Springs, Tasmania Univ, and Kakaadu.

Table with columns for station name, frequency, and signal strength. Includes stations like Sheshan, Kunming, and Wuzhou.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like H05A Madras, FURC Furnace Creek, Q08A Gabbs, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like W13A Hualapai Mount, P11A Circle Ranch, C07A Waterville, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like B13A Whitefish, NGP Nagpur, D14A Greenough, etc.

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., S/N, SNR, SNR=12, etc.).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., S/N, SNR, SNR=12, etc.).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., S/N, SNR, SNR=12, etc.).

18d 12h

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like KMI Kunming, KLBRR Kellerberrin, NWAOW Narrogin, etc.

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Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like PKI Pulchoki, KKN Kakani, GKN Gorkha, etc.

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Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like BILL Bilibino, ARQ Araqi, HATO Hatta, etc.

MOS 12:19:19.4z+2.5, 4307N, 4632E, h17km, mb3.6/1, Error ellipse: s-maj=44.2km s-min=19.9km az=132.4, Eastern

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DLMR Dylm, DBC Dubki, etc.

IDC 12:47:22.1z-1.7, 1609S, -17777W, h0km, mb3.9/5, ms1mx3.5/23, Error ellipse: s-maj=171.8km s-min=25.4km az=152.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AFI Afiamalu, RAO Raoul Island, etc.

mb1 3.2/4, mb1mx3.0/14, mbtmp3.9/4, Error ellipse: s-maj=101.8km s-min=39.2km az=5.0

ISC 18 17:53:23.5-2.2, 320S-01.179E.04, h450km, n14, e093/17, mb3.2/3, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Matakaoa Point, Puketiti, Matawai, Urewera, etc.

ISC/JB 18 17:57:09.9-0.9, 311S-008.1794W-03, h430km, 17km, mb3.9/8, Error ellipse: s-maj=39.2km s-min=8.7km az=2-7.0

ISC 18 17:57:11.0-1.1, 310S-1798W, h392km, 20km, mb3.5/4, mb1 3.7/5, mb1mx3.4/14, mbtmp4.3/5, Error ellipse: s-maj=41.0km s-min=20.4km az=124.0

NEIC 18 17:57:11.6-0.7, 3096S-1799W, h389km, 6km, mb4.2/4, Error ellipse: s-maj=17.3km s-min=7.9km az=95.0

ISC 18 17:57:12.2-0.8, 310S-007.1799E.02, h379km, 12km, n68, e094/82, mb3.8/8, Kermadec Islands region

Large table listing station names, coordinates, and times for the Kermadec Islands region, including stations like Raoul Island, Matakaoa Point, etc.

ISC 18 18:00:05.9-1.3, 510N-12671E, h0km, mb3.9/7, mb4.1 4/7, mb1mx3.9/18, mbtmp4.0/7, Error ellipse: s-maj=126.0km s-min=18.3km az=73.0, Mindanao

Table listing station names, coordinates, and times for Mindanao, including stations like Fitzroy Crossi, Warramunga Arr, etc.

3.6nm, 0.9s, baz=67, slow=6.9, SNR=3.7 FINES FINESS Array B 90.63 332 P 18 13 08.9 -1.4

1.1nm, 0.9s, baz=115, slow=6.4, SNR=3.9

ISC/JB 18 18:21:58.5-5.2, 52S-02-151E.05, h41km, 37km, mb4.0/4, Error ellipse: s-maj=82.0km s-min=23.9km az=48.8

NEIC 18 18:22:00.8-5.0, 533S-151.33E, h47km, 27km, mb4.8/2, Error ellipse: s-maj=91.0km s-min=19.3km az=108.0

ISC 18 18:22:02.6-8.9, 563S-151.50E, h62km, 63km, mb3.5/3, mb1 3.7/4, mb1mx3.4/14, mbtmp3.8/4, ML2.9/1, Error ellipse: s-maj=104.7km s-min=55.2km az=126.0

ISC 18 18:21:59.5-4.8, 53S-02-151E.04, h40km, 34km, n11, e044/11, mb4.0/4, New Britain region

Table listing station names, coordinates, and times for the New Britain region, including stations like Port Moresby, Warramunga Arr, etc.

ISC/JB 18 18:25:32.3-0.9, 3367N-008.1424E-009, h10km, mb4.2/6, Error ellipse: s-maj=11.6km s-min=10.4km az=84.3

ISC 18 18:25:32.6-1.3, 3377N-14.08E, h0km, mb4.1/6, mb1 4.1/9, mb1mx3.9/24, mbtmp4.0/9, ML3.4/2, MS2.9/3, Mst 3.0/3, ms1mx2.6/35, Error ellipse: s-maj=27.3km s-min=22.2km az=143.0

CSEM 18 18:25:37.5-3.7, 3375N-14.07E, h35km, 12km, mb4.8/1, After NEIC

NEIC 18 18:25:37.5-1.5, 3375N-14.07E, h35km, 12km, mb4.1/2, Error ellipse: s-maj=15.1km s-min=13.1km az=163.0

ISC 18 18:25:34.0-0.8, 3370N-008.1410E-007, h10km, n37, e097/37, mb4.2/6, Central Mediterranean Sea

Large table listing station names, coordinates, and times for the Central Mediterranean Sea, including stations like HMDC Modica, HAVAL Avola, etc.

NIED 18 18:28:00, 4640N-14540E, h400km, Mw4.2 Best double couple: M2.05000-10.15 N1.9-55.00000, 0.76.00000, lambda-16.00000, NP2.3-318.00000, 0.61.00000, lambda-16.00000

BUI 18 18:28:43.1, 4686N-145.22E, h357km, mb4.5, mb4.5

MOS 18 18:28:44.6, 1.3, 4681N-145.03E, h361km, mb4.0/27, Error ellipse: s-maj=11.7km s-min=7.3km az=107.9

NEIC 18 18:28:44.8, 1.0, 4677N-145.29E, h354km, 29km, mb4.2/12, Error ellipse: s-maj=18.7km s-min=10.4km az=90.0

JMA 18 18:28:44.9, 0.5, 4640N-145.36E, h387km, MB.7

ISC/JB 18 18:28:44.2, 0.4, 4668N-004.14521E-009, h365km, 3km, mb4.1/41, Error ellipse: s-maj=9.9km s-min=6.6km az=76.3

ISC 18 18:28:44.7, 1.7, 4680N-145.30E, h356km, 13km, mb3-1.5, mb1 3.8/16, mb1mx3.6/28, mbtmp4.7/16, Error ellipse: s-maj=30.3km s-min=12.5km az=80.0

SKHL 18 18:28:48.6, 1.5, 4660N-145.70E, h318km, 28km, mb5.3/4, mbv6.2/1, msh5.6/1, msha5.2/3

ISC 18 18:28:45.0, 4.4, 4668N-004.14520E-009, h361km, 3km, n116, e129/137, mb4.1/41, BC-2D, Sea of Okhotsk

Table listing station names, coordinates, and times for the Sea of Okhotsk, including stations like Yuzh-Sakhalins, etc.

comp=N, 180nm, 0.9s

comp=N, 90nm, 0.7s

JSE Soyas 2.51 228 P Pn 18 29 43.0 +2.0

JWK2 Keihoku 2.68 241 eS Pn 18 29 44.7 +1.8

YUK Yuzh-Kuril'sk 2.69 170 eP Pn 18 29 44.5 +2.1

comp=N, 250nm, 0.2s

YUK Yuzh-Kuril'sk 2.69 170 eP Pn 18 29 44.5 +2.1

comp=N, 1.1um, 1.5s

YUK Yuzh-Kuril'sk 2.69 170 eP Pn 18 29 44.5 +2.1

comp=N, 360nm, 0.6s

YUK Yuzh-Kuril'sk 2.69 170 eP Pn 18 29 44.5 +2.1

comp=N, 1.1um, 0.8s

YUK Yuzh-Kuril'sk 2.69 170 eP Pn 18 29 44.5 +2.1

comp=N, 360nm, 0.5s

JRA Rausu 2.74 181 P Pn 18 29 43.0 +0.6

JRA Ashashiri-Toko 2.86 199 eS Pn 18 29 43.0 +0.6

JTKR Asahikawa 2.85 199 eS Pn 18 29 43.0 +0.6

ASAJ Asahikawa 3.15 217 Pn S 18 29 47.5 +1.0

comp=E, 1.7nm, 0.3s, baz=180, slow=20, SNR=2.9

ASAJ Asahikawa 3.15 217 Pn S 18 29 47.5 +1.0

comp=N, 1.1um, 0.8s

ASAJ Asahikawa 3.15 217 Pn S 18 29 47.5 +1.0

comp=N, 1.1um, 0.8s

UGL Uglegorsk 3.19 320 eP Pn 18 29 47.2 +0.3

comp=N, 710nm, 0.7s

UGL Uglegorsk 3.19 320 eP Pn 18 29 48.0

comp=N, 2um, 0.8s

JKK2 Kamakawa 2.30 213 P Pn 18 29 49.1 +1.3

NEM2 Nemuro 2.34 173 P Pn 18 29 46.5 -1.7

NEM2 Ashorobuto 3.53 197 eS Pn 18 29 56.1 -1.2

JAR JAR 3.53 197 eS Pn 18 29 56.1 -1.2

JAK JAK 3.70 186 P Pn 18 29 50.7 -0.9

JAK JAK 3.70 186 P Pn 18 29 50.7 -0.9

JFR Furan 3.97 209 P Pn 18 29 55.4 +1.1

JCH Churui 4.27 199 P Pn 18 29 50.5 -0.4

JCH JCH 4.27 199 P Pn 18 29 50.5 -0.4

JEW Eniwu 4.68 216 P Pn 18 31 01.8 -1.7

JEW JEW 4.68 216 P Pn 18 31 01.8 -1.7

JSK Shakatou 4.72 227 P Pn 18 31 03.5 +1.5

JNB Urawaka-nobuka 4.73 203 P Pn 18 31 01.0 -1.2

JNB Urawaka-nobuka 4.73 203 P Pn 18 31 01.0 -1.2

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JNB Urawaka-nobuka 4.73 203 P Pn 18 31 01.0 -1.2

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like HIA, SONMI, BHPL, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like Storozhevoje, VRSR, KMBKO, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like REYF, MONTAGNE DU RE, ATE, etc.

ROSC	baz=88,slow=17,SNR=2.2	LR	LR	21 20 33.4
ROSC	comp=Z,3um,20.8s,baz=19,slow=35	LR	LR	21 17 52.1 +3.4
ROSC	El Rosal 8.28 90 eP	Pn	Pn	21 17 52.1 +3.4
ROSC	El Rosal 8.28 90 eP	Pn	Pn	21 17 52.1 +3.4
PAYG	Puerto Ayora 9.47 234 eP	Pn	Pn	21 18 04.1 -1.0
OCAC	Ocana 9.81 70 eP	Pn	Pn	21 18 11.0 +1.2
TGUH	Teguigcalpa,Un 10.13 334 eP	Pn	Pn	21 18 17.7 +3.5
SDV	comp=Z,4um,20.6s,baz=262,slow=38	LR	LR	21 18 47.2 +0.1
SDV	Santo Domingo 12.54 71 eP	Pn	Pn	21 18 47.1 +0.1
ATAH	Atahualpa 12.61 160 Pn	Pn	Pn	21 18 43.6 -4.5
ATAH	0.7nm,0.3s,baz=267,slow=14,SNR=2.2	Sn	Sn	21 21 06.1 -2.6
ATAH	1.7nm,0.3s,baz=105,slow=20,SNR=3.0	Sn	Sn	21 23 15.6
CCIG	comp=Z,35um,19.4s,baz=333,slow=36	LR	LR	21 19 13.8 -1.6
RCC	Comitan 14.62 321 eP	Pn	Pn	21 19 33.5 -5.5
RCC	Rio Carpintero 16.40 24 eP	Pn	Pn	21 19 56.9
CMIG	Mtias Romero 17.01 316 P	Pn	Pn	21 19 44.8 -1.9
CMIG	0.5nm,0.3s,baz=121,slow=6.8,SNR=13	LR	LR	21 25 28.6
NNA	Nana 17.79 161 Pn	Pn	Pn	21 19 55.3 -1.1
NNA	Nana 17.79 161 Pn	Pn	Pn	21 19 53.9 -2.5
NNA	3.5nm,0.3s,baz=326,slow=7.3,SNR=15	Sn	Sn	21 23 00.9 -1.4
NNA	4.4nm,0.3s,baz=142,slow=9.8,SNR=5.3	LR	LR	21 26 08.3
NNA	comp=Z,5um,20.6s,baz=317,slow=35	LR	LR	21 19 53.5 -2.9
NNA	Nana 17.79 161 eP	Pn	Pn	21 20 04.0 +1.1
OXX	Oaxaca 18.32 312 eP	Pn	Pn	21 19 58.1 -4.8
VHO	Vista Hermosa 18.32 312 eP	Pn	Pn	21 20 06.4 +0.4
PCRV	Puerto La Cruz 18.58 73 P	Pn	Pn	21 20 06.4 +0.4
PCRV	0.8nm,0.3s,baz=257,slow=6.5,SNR=13	Sn	Sn	21 20 31.4 +1.8
SJG	San Juan 20.75 50 eP	P	P	21 27 32.8
SJG	comp=Z,1um,21.4s,MS4.3,baz=270,slow=34	LR	LR	21 20 30.0 +0.4
SJG	San Juan 20.75 50 eP	P	P	21 20 30.0 +0.4
SJG	comp=Z,89nm,0.9s	MLR	MLR	21 20 30.0 +0.4
SJG	comp=Z,1um,22.0s	P	P	21 20 30.0 +0.4
SJG	comp=Z,89nm,0.9s	MLR	MLR	21 20 30.0 +0.4
SJG	comp=Z,1um,22.0s,MS4.3	LR	LR	21 20 31.6 +0.6
CPD	Cerro La Pandu 20.89 50 eP	P	P	21 20 32.4 +0.4
PPM	Pocatepeti 20.98 313 iP	P	P	21 20 33.8 -0.6
MTP	Monte Pirata 21.20 51 eP	P	P	21 20 42.7 +8.2
PLIG	Platanillo 21.21 310 iP	P	P	21 20 40.0 +1.9
UNM	Universidad Na 21.54 313 eP	P	P	21 20 51.7 +1.7
SVB	Belmont 22.76 67 eP	P	P	21 20 51.1 +0.3
SSV	Crater Summit 22.73 67 eP	P	P	21 20 52.9 -1.3
DWPF	Disney 23.05 3 eP	P	P	21 21 01.4 +1.6
DWPF	comp=Z,257nm,1.6s,mb5.4	LR	LR	21 21 10.0 +8.2
MGG	Marie-Galante 23.60 61 eP	P	P	21 21 10.4 +1.6
SAML	Samuel 23.81 125 PFAKE	LR	LR	21 21 01.0 +8.2
SAML	comp=Z,8um,20.0s,MS5.2	LR	LR	21 21 03.0 -0.2
ARE	Arequipa 23.97 153 eP	P	P	21 21 02.9 -0.6
LEG	La Desirade 23.99 60 eP	P	P	21 21 16.2 -1.2
PAZ	La Paz 25.52 146 P	P	P	21 32 23.3
LPAZ	comp=Z,16nm,0.7s,mb4.7,baz=334,slow=8.1,SNR=51	LR	LR	21 21 14.8 -2.6
LPAZ	comp=Z,5um,19.8s,MS5.1,baz=304,slow=39	LR	LR	21 21 14.8 -2.6
LPAZ	La Paz 25.52 146 eP	P	P	21 21 14.8 -2.6
LPAZ	comp=Z,47nm,1.2s	MLR	MLR	21 21 14.8 -2.7
LPAZ	comp=Z,6um,20.0s	LR	LR	21 21 50.0 +1.2
LPAZ	La Paz 25.52 146 eP	P	P	21 21 50.0 +1.2
LPAZ	comp=Z,47nm,1.2s,mb4.9	MLR	MLR	21 21 52.8 -3.0
HKT	Hockley 27.81 335 PFAKE	LR	LR	21 21 56.9 -1.2
HKT	comp=Z,2um,20.0s,MS4.6	LR	LR	21 21 56.9 -1.2
NATX	Nacogdoches 28.95 338 PFAKE	LR	LR	21 22 00.0 +1.2
NATX	comp=Z,1um,22.0s,MS4.5	LR	LR	21 21 52.8 -3.0
SIV	San Ignacio 29.81 135 P	P	P	21 21 56.9 -1.2
OXF	Oxford 30.07 349 eP	Pmax	Pmax	21 21 56.9 -1.2
OXF	comp=Z,16nm,0.8s,mb4.8	MLR	MLR	21 21 56.9 -1.2
OXF	comp=Z,1um,19.0s,MS4.6	LR	LR	21 22 00.0 +1.2
OXF	Oxford 30.07 349 eP	P	P	21 21 56.9 -1.2
OXF	comp=Z,16nm,0.8s,mb4.8	MLR	MLR	21 22 00.0 +1.2
JCT	Junction City 30.10 329 PFAKE	LR	LR	21 22 10.0 +1.2
JCT	comp=Z,1um,19.0s,MS4.6	LR	LR	21 22 10.0 +1.2
PLAL	Pickwick Lake 30.30 351 PFAKE	LR	LR	21 22 10.0 +1.2
PLAL	comp=Z,987nm,20.0s,MS4.5	LR	LR	21 22 10.0 +1.2
LVC	Limon Verde 30.51 154 P	P	P	21 21 59.9 -2.1
LVC	comp=Z,9.9nm,1.0s,mb4.6,baz=326,slow=5.2,SNR=6.9	P	P	21 21 59.4 -2.6
LVC	Limon Verde 30.51 154 eP	P	P	21 21 59.4 -2.6
LVC	comp=Z,37nm,1.5s,mb5.0	LR	LR	21 22 09.2 -0.4
TXAR	Lajas Array 31.37 323 P	P	P	21 22 09.2 -0.4
TXAR	comp=Z,2.7nm,0.9s,mb4.1,baz=143,slow=10,SNR=12	P	P	21 25 02.7 -0.6
TXAR	Lajas Array 31.37 323 P	P	P	21 25 02.7 -0.6
TXAR	comp=Z,0.6nm,0.8s,baz=171,slow=6.4,SNR=3.7	LR	LR	21 26 07.8
TXAR	Lajas Array 31.37 323 P	P	P	21 22 09.2 -0.4
TXAR	comp=Z,591nm,21.3s,MS4.2,baz=0,slow=39	P	P	21 22 07.5 -2.3
WWT	Waverly 31.39 352 eP	P	P	21 22 07.5 -2.3
WWT	comp=Z,21nm,1.1s,mb4.9	MLR	MLR	21 22 07.5 -2.3
WWT	Waverly 31.39 352 eP	P	P	21 22 07.5 -2.3
WWT	comp=Z,1um,20.0s,MS4.6	LR	LR	21 22 30.0 +1.5
BBSR	BB Station 32.02 29 PFAKE	LR	LR	21 22 30.0 +1.5
BBSR	comp=Z,1um,21.0s,MS4.6	LR	LR	21 22 30.0 +1.5
BLA	Blacksburg 32.17 3 PFAKE	LR	LR	21 22 30.0 +1.5
BLA	comp=Z,2um,22.0s,MS4.6	LR	LR	21 22 24.5 -1.1
WMOK	Wichita Mouna 33.19 335 eP	P	P	21 22 24.5 -1.1
WMOK	comp=Z,9.0nm,1.1s,mb4.6	MLR	MLR	21 22 40.0 +1.2
WMOK	Wichita Mouna 33.19 335 eP	P	P	21 22 40.0 +1.2
WMOK	comp=Z,9.4nm,1.1s,mb4.9	MLR	MLR	21 22 40.0 +1.2
WCI	Wyandotte Cave 33.85 355 PFAKE	LR	LR	21 22 40.0 +1.2
WCI	comp=Z,840nm,22.0s,MS4.4	PFAKE	PFAKE	21 22 40.0 +1.2
CBN	Corbin 33.44 8 PFAKE	LR	LR	21 22 40.0 +1.2
CBN	comp=Z,1um,20.0s,MS4.7	LR	LR	21 22 40.0 +1.2
CCM	Cathedral Cave 33.87 348 PFAKE	LR	LR	21 22 40.0 +1.2
CCM	comp=Z,823nm,22.0s,MS4.4	LR	LR	21 22 33.6 +0.1
MNTX	Cornudas Mount 34.10 324 eP	P	P	21 22 33.6 +0.1
MNTX	comp=Z,33nm,1.4s,mb5.1	LR	LR	21 22 50.0 +1.2
MNTX	Cornudas Mount 34.10 324 eP	P	P	21 22 50.0 +1.2
MNTX	comp=Z,941nm,20.0s,MS4.5	LR	LR	21 22 50.0 +1.2
AMTX	Amarillo 34.60 332 PFAKE	LR	LR	21 22 50.0 +1.2
AMTX	comp=Z,2um,20.0s,MS4.8	LR	LR	21 22 50.0 +1.2
MCWV	Mont Chateau 34.64 4 PFAKE	LR	LR	21 22 50.0 +1.2
MCWV	comp=Z,1um,19.0s,MS4.8	LR	LR	21 22 50.0 +1.2

ACSO	Alum Creek Sta 35.12 360 PFAKE	LR	LR	21 22 50.0 +7.7
ACSO	comp=Z,1um,20.0s,MS4.7	LR	LR	21 22 44.5 +0.2
MVL	Millersville 35.34 8 eP	P	P	21 22 47.4 -0.6
SSPA	Standing Stone 35.78 6 eP	P	P	21 22 47.4 -0.6
SSPA	comp=Z,27nm,1.2s,mb5.0	LR	LR	21 22 59.9 +0.6
ANMO	Albuquerque 37.10 327 P	P	P	21 23 00.2 +1.0
ANMO	comp=Z,2.9nm,1.1s,mb4.9,baz=152,slow=8.5,SNR=29	P	P	21 23 00.5 +1.2
ANMO	Albuquerque 37.10 327 / iP	P	P	21 23 00.5 +1.2
ANMO	Albuquerque 37.10 327 eP	P	P	21 23 00.5 +1.2
ANMO	comp=Z,37nm,1.2s,mb5.1	LR	LR	21 23 10.0 +1.1
ANMO	comp=Z,1um,21.0s,MS4.7	LR	LR	21 23 10.0 +1.1
CBKS	Cedar Bluff 37.11 338 PFAKE	LR	LR	21 23 10.0 +1.1
CBKS	comp=Z,1um,22.0s,MS4.7	LR	LR	21 23 10.0 +1.1
AAM	Ann Arbor 37.20 359 PFAKE	LR	LR	21 23 10.0 +1.1
AAM	comp=Z,1um,19.0s,MS4.8	LR	LR	21 23 10.0 +1.1
BINY	Binghamton 37.55 8 PFAKE	LR	LR	21 23 10.0 +1.1
BINY	comp=Z,906nm,20.0s,MS4.6	LR	LR	21 23 06.3 +0.6
TUC	Tucson 37.86 319 eP	P	P	21 23 06.3 +0.6
TUC	comp=Z,10.0nm,0.9s,mb4.5	MLR	MLR	21 23 06.3 +0.6
TUC	Tucson 37.86 319 eP	P	P	21 23 06.3 +0.6
TUC	comp=Z,3um,20.0s,MS5.0	LR	LR	21 23 20.0 +8.0
JFWS	Jewell Farm 38.40 351 PFAKE	LR	LR	21 23 13.1 +1.0
JFWS	comp=Z,971nm,20.0s,MS4.6	LR	LR	21 23 20.0 +7.5
WES	Weston 38.61 13 PFAKE	LR	LR	21 23 14.2 +1.2
WES	comp=Z,1um,22.0s,MS4.7	LR	LR	21 23 12.3 -1.9
116A	Eloy 38.62 319 iP	P	P	21 23 12.3 -1.9
HRV	Harvard-Oak R 38.67 13 PFAKE	LR	LR	21 23 16.6 +0.9
HRV	comp=Z,1um,20.0s,MS4.8	LR	LR	21 23 30.0 +1.0
SDCO	Great Sand Dun 38.73 31 eP	P	P	21 23 16.3 -4.1
SDCO	comp=Z,58nm,1.1s,mb5.2	LR	LR	21 23 16.3 -4.1
SDCO	comp=Z,1um,22.0s,MS4.8	LR	LR	21 23 12.3 -1.9
CFAA	Coronel Fontan 38.86 160 P	P	P	21 23 12.3 -1.9
CFAA	comp=Z,1.5nm,0.9s,baz=339,slow=6.8,SNR=12	P	P	21 23 16.6 +0.9
CFAA	Coronel Fontan 38.86 160 P	P	P	21 23 30.0 +1.0
115A	Sonoran Desert 39.05 319 iP	P	P	21 23 18.0 -2.4
NCB	Newcomb 39.56 10 PFAKE	LR	LR	21 41 06.0
NCB	comp=Z,1um,22.0s,MS4.8	LR	LR	21 21 16.3 -4.1
Villa Florida 39.60 143 P	P	P	P	21 21 16.3 -4.1
CPUP	comp=Z,5.0nm,0.7s,mb4.3,baz=315,slow=10,SNR=16	LR	LR	21 21 16.3 -4.1
CPUP	Villa Florida 39.60 143 eP	P	P	21 21 16.3 -4.1
CPUP	comp=Z,4um,19.5s,MS5.2,baz=298,slow=38	P	P	21 21 16.3 -4.1
CPUP	comp=Z,27nm,0.8s	MLR	MLR	21 21 16.3 -4.0
CPUP	comp=Z,688nm,19.0s	LR	LR	21 21 23.6 +1.0
CPUP	Villa Florida 39.60 143 eP	P	P	21 21 23.6 +1.0
CPUP	comp=Z,27nm,0.8s,mb5.0	LR	LR	21 21 24.0 +1.4
MVCO	Mesa Verde 39.88 327 eP	P	P	21 21 21.6 -1.4
MVCO	comp=Z,2.7nm,1.4s,mb5.3	P	P	21 21 21.6 -1.4
MVCO	Mesa Verde 39.88 327 iP	P	P	21 21 21.6 -1.4
BDFB	Brasilia 39.92 121 P	P	P	21 21 24.0 +1.4
BDFB	comp=Z,6.8nm,0.9s,mb4.4,baz=320,slow=8.8,SNR=5.9	LR	LR	21 21 24.1 +1.0
BDFB	comp=Z,6um,19.6s,MS5.4,baz=297,slow=37	LR	LR	21 21 26.4 +1.2
Z14A	Wintersburg 39.93 319 iP	P	P	21 23 40.0 +1.4
Z14A	comp=Z,1um,20.0s,MS4.8	LR	LR	21 23 27.2 +0.8
Y14A	Wickenburg 40.33 319 iP	P	P	21 23 27.2 +0.8
Y14A	comp=Z,1um,20.0s,MS4.8	LR	LR	21 23 27.8 +1.4
WUAZ	Wupatki 40.33 323 eP	P	P	21 23 27.8 +1.4
WUAZ	comp=Z,62nm,1.0s,mb5.3	LR	LR	21 23 27.8 +1.4
WUAZ	comp=Z,2um,21.0s,MS4.8	LR	LR	21 23 27.8 +1.4
WUAZ	Wupatki 40.33 323 iP	P	P	21 23 27.9 +0.8
ISCO	Idaho Springs 40.41 332 eP	Pmax	Pmax	21 23 27.9 +0.8
ISCO	comp=Z,21nm,1.2s,mb4.7	MLR	MLR	21 23 27.9 +0.9
ISCO	comp=Z,1um,21.0s,MS4.7	LR	LR	21 23 26.7 -0.7
ISCO	Idaho Springs 40.41 332 eP	P	P	21 23 29.1 +0.7
ISCO	comp=Z,22nm,1.2s,mb4.8	LR	LR	21 23 29.1 +0.7
MSNY	Mesa Verde 40.46 9 eP	P	P	21 23 28.8 +1.3
SMCO	Snowmass 40.57 330 eP	P	P	21 23 28.3 -0.3
SMCO	comp=Z,41nm,1.0s,mb5.0	P	P	21 23 30.6 +1.5
X14A	Yava 40.59 320 iP	P	P	21 23 31.3 +1.2
X14A	comp=Z,1um,21.0s,MS4.7	LR	LR	21 23 32.6 +0.7
PV01	Paradox Valley 40.59 328 eP	P	P	21 23 32.4 +0.3
W15A	Williams 40.65 322 iP	P	P	21 23 40.0 +7.8
Y13A	Salome 40.79 319 iP	P	P	21 23 34.9 +1.5
GLA	Glatis 41.00 317 iP	P	P	21 23 34.5 +0.8
GLA	comp=Z,41nm,1.0s,mb4.1	P	P	21 23 34.9 +0.8
PV10	Paradox Valley 41.02 328 eP	P	P	21 23 34.9 +0.8
RPN	Rapa Nui 41.03 218 PFAKE	LR	LR	21 23 37.5 +0.7
RPN	comp=Z,1um,21.0s,MS4.7	LR	LR	21 23 38.4 +1.4
W14A	Seligman 41.19 321 P	P	P	21 23 37.9 +0.6
W14A	comp=Z,41nm,1.0s,mb4.1,SNR=15	P	P	21 23 39.7 +0.7
Y12C	Blythe 41.21 318 iP	P	P	21 23 40.8 +0.7
Y12C	comp=Z,41nm,1.0s,mb4.1	P	P	21 23 43.9 +0.9
X13A	Yuca 41.27 320 iP	P	P	21 23 43.6 +0.6
X13A	comp=Z,41nm,1.0s,mb4.1,SNR=8.7	P	P	21 23 43.6 +0.6
PDMCI	Parker Dam,Lak 41.29 319 iP	P	P	21 23 43.6 +0.6
PDMCI	comp=			

18d 21h

M11A	Holland Ranch	46.86 326	UP	P	21 24 19.3 +0.3
TROA	Tornquist	46.90 158	EP	P	21 24 19.0 -0.3
TRQA	Earthquake Lak	47.03 332	EP	P	21 24 21.6 +1.3
QLMT	Battle Mountain	47.03 324	EP	P	21 24 20.9 +0.5
BMN	comp-Z,46nm,1.1s,mb5.2				
BMN	comp-Z,2um,21.0s,MS5.0			MLR	MLR
BMN	Battle Mountain	47.03 324	EP	P	21 24 20.9 +0.6
BMN	comp-Z,46nm,1.1s,mb5.3			LR	LR
DGMT	Dagmar	47.10 340	EP	P	21 24 21.1 +0.2
DGMT	comp-Z,50nm,1.0s,mb5.4			LR	LR
S06C	San Francisco	47.13 319	UP	P	21 24 21.3 +0.1
S05C	Merced	47.15 318	UP	P	21 24 20.9 -0.3
M10A	I.L. Ranch, Tu	47.34 325	UP	P	21 24 22.8 +0.1
HAST	UC Hastings Re	47.45 317	UP	P	21 24 23.4 -0.2
N09A	Rock Creek Ran	47.48 324	UP	P	21 24 23.7 -0.1
P07A	Fallon	47.49 322	UP	P	21 24 24.1 +0.1
O08A	Rochester Mine	47.50 323	UP	P	21 24 25.0 +0.5
CMB	Columbia Colle	47.57 319	P	P	21 24 24.8 +0.3
CMB	comp-Z,8.0nm,1.2s,mb4.6				
CMB	Columbia Colle	47.57 319	P	P	21 24 24.8 +0.3
CMB	comp-Z,7.8nm,1.2s,mb4.6				
CMB	Columbia Colle	47.57 319	UP	P	21 24 24.8 +0.3
HLID	Hailey	47.58 329	EP	P	21 24 23.9 -0.6
HLID	comp-Z,2um,20.0s,MS5.1			LR	LR
HLID	Hailey	47.58 329	P	P	21 24 24.8 +0.3
PACP	Pacheco Peak	47.60 317	UP	P	21 24 24.5 -0.2
MCMT	McKenzie Canyo	47.70 331	EP	P	21 24 26.2 +0.6
R05C	Kirkwood Meado	47.75 320	UP	P	21 24 26.2 +0.3
N08A	GE Springer Mi	47.79 323	UP	P	21 24 26.6 +0.3
M09A	Marrel Ranch,	47.80 325	UP	P	21 24 26.7 +0.4
O07A	Toulon	47.86 322	P	P	21 24 26.9 +0.1
WCN	Washoe City	47.89 321	UP	P	21 24 27.3 +0.3
PAHR	Pah Rah Range	47.90 322	EP	P	21 24 27.6 +0.6
S04C	Ingram Canyon,	47.90 318	UP	P	21 24 27.0 -0.1
R04C	Big Horse Ranc	48.05 319	UP	P	21 24 28.8 +0.6
LAVA	Lava Cap Winer	48.20 320	UP	P	21 24 29.6 +0.2
N07B	Gerlach	48.29 323	UP	P	21 24 29.5 -0.6
L09A	Wilkinson Ranc	48.31 325	UP	P	21 24 30.0 -0.3
M08A	Happy Creek Ra	48.36 324	UP	P	21 24 30.5 -0.1
O06A	Flanigan	48.44 322	P	P	21 24 31.7 +0.4
BDM	Black Diamond	48.50 318	UP	P	21 24 32.0 +0.3
BEKR	Beckworth	48.60 321	UP	P	21 24 32.7 +0.2
K09A	Rome	48.78 326	UP	P	21 24 34.1 +0.3
EGMT	Eagleton	48.78 336	PFAKE	LR	21 24 50.0 +1.6
EGMT	comp-Z,1um,22.0s,MS4.9				
EGMT	Eagleton	48.78 336	UP	P	21 24 33.7 -0.2
M07A	Soldier Meadow	48.78 323	UP	P	21 24 33.5 -0.5
E15A	Deer Lodge	48.79 333	UP	P	21 24 33.8 -0.2
N06A	Buffalo Meadow	48.80 322	UP	P	21 24 34.1 +0.1
L08A	Fields	48.80 325	UP	P	21 24 33.8 -0.3
O05C	Quincy	49.00 321	UP	P	21 24 35.9 +0.3
OHCM	Honcut	49.01 320	EP	P	21 24 35.5 -0.1
CVS	Carmenet Viney	49.10 318	UP	P	21 24 36.3 0.0
VWOR	Wild Horse Val	49.12 325	EP	P	21 24 36.2 -0.3
VWOR	comp-Z,65nm,1.1s,mb5.6			MLR	MLR
VWOR	Wild Horse Val	49.12 325	EP	P	21 24 36.2 -0.3
VWOR	comp-Z,65nm,1.1s,mb5.6			LR	LR
ORV	Oroville	49.14 320	UP	P	21 24 36.9 +0.3
SUTB	Sutter Butte	49.14 320	UP	P	21 24 36.6 -0.1
E14A	Clinton	49.18 332	UP	P	21 24 36.8 -0.2
J09A	Fry Pan Ranch,	49.22 326	P	P	21 24 37.2 0.0
K08A	Mann Creek Ran	49.23 325	P	P	21 24 37.4 0.0
ELFS	Eagle Lake Fie	49.27 322	UP	P	21 24 37.8 +0.1
L07A	Adell	49.27 324	UP	P	21 24 37.6 -0.1
O04C	Chester	49.31 321	UP	P	21 24 38.0 0.0
MNRC	McLaughlin Nat	49.38 319	UP	P	21 24 38.0 -0.5
M06C	Likely Place G	49.46 322	UP	P	21 24 38.9 -0.2
I09A	Lost Marbles R	49.62 327	P	P	21 24 39.9 -0.4
J08A	Circle Bar Ran	49.62 326	UP	P	21 24 40.1 -0.3
K07A	Rock Creek Ran	49.64 325	UP	P	21 24 40.4 0.0
D14A	Greenough	49.68 333	UP	P	21 24 40.8 0.0
M50	Missoula	49.69 332	PFAKE	LR	21 24 50.0 +9.1
MOD	comp-Z,997nm,21.0s,MS4.8				
MOD	Modoc	49.77 323	PFAKE	LR	21 24 50.0 +8.5
MOD	comp-Z,999nm,20.0s,MS4.8				
MOD	Modoc	49.77 323	P	P	21 24 41.3 -0.2
HATC	Hat Creek Radi	49.84 321	UP	P	21 24 41.8 -0.1
HOPS	Hopland	49.85 319	PFAKE	LR	21 24 50.0 +7.9
HOPS	comp-Z,546nm,19.0s,MS4.6				
HOPS	Hopland	49.85 319	UP	P	21 24 42.0 -0.1
GASB	Alder Springs	49.98 320	UP	P	21 24 43.3 +0.3
I08A	Drewsey	50.03 326	UP	P	21 24 43.2 -0.3
H09A	Durkee	50.04 322	UP	P	21 24 43.3 -0.2
LTM	Timbered Crate	50.06 328	P	P	21 24 43.9 +0.2
J07A	Hines	50.10 325	UP	P	21 24 43.2 -0.8
D13A	Huson	50.13 332	UP	P	21 24 43.6 -0.5
P01C	Double B Ranch	50.28 319	UP	P	21 24 45.0 -0.3
K06A	Valley Falls	50.28 324	P	P	21 24 45.0 -0.1

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C14A	Swan Lake	50.30 333	UP	P	21 24 45.2 -0.3
O02C	Red Bluff	50.31 320	UP	P	21 24 45.0 -0.6
WDC	Whiskeytown Da	50.38 321	EP	P	21 24 43.8 -2.3
WDC	comp-Z,14nm,1.3s,mb4.8			pmax	pmax
WDC	Whiskeytown Da	50.38 321	EP	P	21 24 43.8 -2.3
WDC	Whiskeytown Da	50.38 321	UP	P	21 24 45.5 -0.5
H08A	Prairie City	50.48 327	UP	P	21 24 46.3 -0.5
J06A	Christmas Vall	50.51 325	UP	P	21 24 46.4 -0.6
C13A	Hot Springs	50.61 332	UP	P	21 24 47.7 -0.2
K05A	Summer Lake	50.62 324	UP	P	21 24 47.9 0.0
M04C	Macdoel	50.62 322	UP	P	21 24 47.6 -0.3
I07A	Izee	50.66 326	P	P	21 24 47.6 -0.5
F10A	Beach Ranch, E	50.69 329	UP	P	21 24 48.1 -0.3
BSMT	Bassoo Peak	50.83 332	P	P	21 24 50.0 +0.5
F09A	S2 Ranch, Elgi	50.86 329	UP	P	21 24 49.2 -0.5
L04A	Klamath Falls	50.88 323	UP	P	21 24 49.4 -0.5
I06A	Prineville	50.97 325	UP	P	21 24 50.1 -0.4
N02C	Big Bar	50.99 320	UP	P	21 24 49.7 -1.1
H07A	Lands Inn, Kim	51.02 326	P	P	21 24 50.4 -0.5
M02C	Galvan	51.03 321	UP	P	21 24 49.9 -1.0
K04A	Chilquin	51.05 323	UP	P	21 24 50.4 -0.7
C12A	Trout Creek	51.05 332	UP	P	21 24 50.9 -0.2
B13A	Whitefish	51.07 333	UP	P	21 24 51.1 -0.2
YBH	Yreka Blue Hor	51.13 322	EP	P	21 24 49.9 -1.8
YBH	comp-Z,9.0nm,0.9s			pmax	pmax
YBH	Yreka Blue Hor	51.13 322	EP	P	21 24 49.9 -1.8
YBH	comp-Z,1um,20.0s			MLR	MLR
YBH	Yreka Blue Hor	51.13 322	EP	P	21 24 49.9 -1.8
YBH	comp-Z,9.0nm,0.9s,mb4.7			LR	LR
YBH	Yreka Blue Hor	51.13 322	P	P	21 24 50.3 -1.5
G08A	Pilot Rock	51.14 328	UP	P	21 24 51.9 +0.1
J05A	Fort Rock	51.15 324	UP	P	21 24 51.8 -0.1
SCHO	Schefferville	51.34 12	P	P	21 24 52.0 -1.3
SCHO	comp-Z,2.7nm,1.1s,mb5.1,baz=195,slow=7.6,SNR=7.1			LR	LR
F08A	Pendleton	51.38 328	P	P	21 24 53.4 -0.2
G07A	Ruggs Ranch, H	51.51 327	UP	P	21 24 54.2 -0.4
E09A	Wood Farm, Sta	51.52 329	UP	P	21 24 54.2 -0.5
H06A	Lindquist Farm	51.53 326	UP	P	21 24 54.6 -0.1
B12A	Libby	51.65 333	UP	P	21 24 55.5 -0.1
KRMB	Red Mountain	51.76 321	EP	P	21 24 56.6 +0.1
HUMO	Hull Mountain	51.78 323	PFAKE	LR	21 25 10.0 +1.3
HUMO	comp-Z,1um,20.0s,MS5.0				
L02A	Cav Junction	51.92 322	UP	P	21 24 57.5 -0.2
VTHM	Trough	51.94 326	P	P	21 24 58.5 +0.7
H05A	Madras	51.98 326	UP	P	21 24 57.9 -0.1
D09A	Jonas Farm, Ri	51.98 330	UP	P	21 24 57.5 -0.6
B11A	Sandpoint	51.99 332	UP	P	21 24 57.6 -0.6
G06A	Cannon Farm,	52.01 327	P	P	21 24 58.8 +0.5
F07A	Phinny Hill Vi	52.05 328	UP	P	21 24 58.4 -0.2
M01C	Crescent City	52.07 321	UP	P	21 24 58.4 -0.3
HAWA	Hanford	52.16 328	PFAKE	LR	21 25 10.0 +1.1
HAWA	comp-Z,1um,22.0s,MS5.0				
K02A	Glendale	52.19 322	P	P	21 24 59.4 -0.3
J03A	Ideyld Park	52.22 323	UP	P	21 24 59.5 -0.4
NEW	Newport	52.22 331	PFAKE	LR	21 25 10.0 +1.0
NEW	comp-Z,1um,21.0s,MS5.0				
D08A	Wollman Farm,	52.28 329	UP	P	21 25 00.2 -0.2
G05A	Wamic	52.39 326	UP	P	21 25 01.1 -0.1
E07A	Sunnyside	52.44 328	UP	P	21 25 01.4 -0.1
VFP	Flag Point	52.52 324	P	P	21 25 02.6 +0.4
H04A	Detroit Lake	52.54 325	P	P	21 25 02.0 -0.2
J02A	Umpqua	52.58 323	P	P	21 25 03.2 +0.7
MXC	Moxie City	52.68 328	P	P	21 25 04.0 +0.7
I03A	Eugene	52.76 324	UP	P	21 25 03.6 -0.3
B09A	Rice	52.83 331	P	P	21 25 04.4 0.0
F05A	White Salmon	52.87 327	UP	P	21 25 04.9 +0.2
D07A	Quincy	52.91 329	UP	P	21 25 05.1 +0.1
E06A	Yakima	53.02 328	UP	P	21 25 05.7 -0.1
I02A	Mapleton	53.10 324	UP	P	21 25 06.6 +0.2
COR	Corvallis	53.13 324	PFAKE	LR	21 25 20.0 +1.3
COR	comp-Z,1um,22.0s,MS4.8				
H03A	Soap Creek Ran	53.17 324	UP	P	21 25 06.3 -0.6
C07A	Waterville	53.28 329	UP	P	21 25 07.6 -0.2
D06A	Cle Elum	53.37 328	UP	P	21 25 08.6 +0.2
A09A	Danville	53.42 331	P	P	21 25 08.8 +0.1
F04A	Amboy	53.43 326	UP	P	21 25 08.6 -0.3
D05A	Enumclaw	53.97 328	UP	P	21 25 12.2 -0.6
C05A	Toll Reservoir	54.13 328	UP	P	21 25 13.6 -0.4
EDM	Edmonton	54.29 338	EP	P	21 25 14.0 -1.2
B06A	Marblemount	54.55 329	UP	P	21 25 16.8 -0.2
B05A	Bryant	54.70 329	UP	P	21 25 17.7 -0.4
C04A	Brinnon	54.82 328	UP	P	21 25 18.7 -0.3
NLWA	Neilton Lookou	55.11 327	UP	P	21 25 20.8 -0.2
A05A	Maple Falls	55.16 329	UP	P	21 25 20.6 -0.8
A04A	Legoe Bay, Lum	55.30 329	UP	P	21 25 21.2 -1.2
B04A					

CLL	Collm	89.69	39	e(P)	P	21 28 49.0	+1.9
CLL	comp=Z,23nm,1.9s,mb5.2						
CLL				eS	S	21 39 30.0	-9.0
CLL				ePS	PS	21 40 48.0	+3.1
CLL				eSS	SS	21 45 48.0	+1.3
KHC	Kasperske Hory	90.35	41	eP	P	21 28 50.7	+0.5
KHC				eSS	SS	21 46 05.4	+2.1
KHC				AMS	AMS	22 00 10.0	
KHC	comp=Z,900nm,33.5s						
KHC	Kasperske Hory	90.35	41	eP	P	21 28 48.4	-1.8
GERES	GERESS Array B	90.47	41	eP	P	21 28 49.6	-1.2
GERES	comp=Z,0.4nm,0.8s,baz=246,slow=7.4,SNR=3.3						
GERES				LR	LR	22 02 19.7	
PVCC	comp=Z,411nm,20.9s,MS4.8,baz=292,slow=31						
PVCC	Panská Ves	90.78	39	eP	AMS	22 01 50.0	
PRU	comp=Z,800nm,17.1s						
PRU	Pruhonice	90.85	40	ePKP	PKKpbc	21 46 15.5	-1.8
PRU				AMS	AMS	22 01 30.0	
SNA	comp=Z,1.1um,29.2s						
SNA	Sanae	91.47	162	eP	P	21 28 55.3	-0.1
SNA				eP	P	21 28 55.4	0.0
TREC	comp=Z,10.0nm,1.5s,mb4.9						
TREC	Trest	91.56	40	ePKP	PKKpbc	21 46 21.0	+5.5
TREC				AMS	AMS	22 01 50.0	
ARCES	ARCCESS Array B	91.65	20	LR	LR	22 04 36.8	
ARCES	comp=Z,5.16nm,20.5s,MS5.0,baz=106,slow=32						
DPC	Dobruska-Polom	91.92	39	eP	P	21 28 55.3	-2.2
DPC				MLR	MLR		
DPC	comp=Z,900nm,18.0s,MS5.3						
DPC	Dobruska-Polom	91.92	39	eP	P	21 28 55.3	-2.2
DPC				eSS	SS	21 46 30.0	+2.3
DPC				LR	LR		
KEV	comp=Z,900nm,18.0s,MS5.3						
KEV	Kevo	92.07	19	PFAKE	LR	21 29 10.0	+1.2
VAE	comp=Z,502nm,20.0s,MS5.0						
VAE	Valguarnera	92.59	52	LR	LR	22 04 35.9	
VAE	comp=Z,413nm,19.0s,MS4.9,baz=156,slow=32						
BILL	Bilibino	93.17	339	eP	P	21 29 01.9	-1.4
BILL				pmx	pmx		
BILL	comp=Z,7.0nm,1.3s,mb4.9						
BILL				MLR	MLR		
BILL	comp=Z,500nm,22.0s,MS4.9						
BILL	Bilibino	93.17	339	PFAKE	LR	21 29 10.0	+6.8
BILL				LR	LR		
SMY	comp=Z,369nm,20.0s,MS4.8						
SMY	Shemya	94.07	324	PFAKE	LR	21 29 20.0	+1.3
FINES	FINESS Array B	94.49	27	LR	LR	22 06 18.6	
FINES	comp=Z,1.1um,19.0s,MS5.4						
FINES	comp=Z,364nm,20.7s,MS4.8,baz=282,slow=32						
QSPA	South Pole Qui	94.97	180	eP	P	21 29 10.3	-1.2
QSPA	comp=Z,7.7nm,0.9s,mb5.1						
QSPA				LR	LR		
APA	comp=Z,1.1um,22.0s,MS5.3						
APA	Apaitity	95.08	20	iP	P	21 29 09.4	-2.6
APA				pmx	pmx		
FUNA	Funafuti	98.78	262	PFAKE	LR	21 29 40.0	+1.1
FUNA				LR	LR		
SBA	comp=Z,6.1um,21.0s						
SBA	Scott Base	99.10	192	PFAKE	LR	21 29 40.0	+1.0
SBA				LR	LR		
AKASG	Malin Array Be	99.77	37	LR	LR	22 15 38.8	
AKASG	comp=Z,2.204nm,18.8s,MS4.7,baz=290,slow=36						
VNDA	Vanda	100.20	192	PFAKE	LR	21 29 40.0	+4.9
VNDA				LR	LR		
TIXI	comp=Z,866nm,20.0s,MS5.3						
TIXI	Tiksi	100.82	350	PFAKE	LR	21 29 50.0	+1.2
TIXI				LR	LR		
TSUM	comp=Z,2.2um,20.0s,MS5.6						
TSUM	Tsumeb	101.25	109	PFAKE	LR	21 29 50.0	+1.0
TSUM				LR	LR		
OBN	comp=Z,2.2um,20.0s,MS5.5						
OBN	Obninsk	102.07	311	eP	Pdf	21 29 37.5	-5.9
OBN				pmx	pmx		
OBN	comp=Z,1.1nm,1.3s						
OBN	Obninsk	102.07	31	PFAKE	LR	21 29 50.0	+6.6
OBN				LR	LR		
PET	comp=Z,1.68nm,21.0s,MS4.5						
PET	Petropavlovsk	102.75	327	PFAKE	LR	21 30 00.0	+1.4
PET				LR	LR		
MA2	comp=Z,524nm,10.0s,MS5.1						
MA2	Magadan	103.20	335	PFAKE	LR	21 30 00.0	+1.2
MA2				LR	LR		
SUR	comp=Z,349nm,21.0s,MS4.9						
SUR	Sutherland	103.99	122	PFAKE	LR	21 30 00.0	+8.1
SUR				LR	LR		
ANTO	comp=Z,856nm,20.0s,MS5.3						
ANTO	Ankara	105.93	46	PFAKE	LR	21 34 20.0	+7.1
ANTO				LR	LR		
LBTB	comp=Z,252nm,22.0s,MS4.7						
LBTB	Lobatse	108.60	115	PFAKE	LR	21 34 30.0	+1.2
LBTB				LR	LR		
YAK	comp=Z,1.1um,19.0s,MS5.5						
YAK	Yakutsk	108.74	345	PFAKE	LR	21 34 30.0	+1.2
YAK				LR	LR		
KIV	comp=Z,426nm,21.0s,MS5.0						
KIV	Kislovodsk	110.90	39	PFAKE	LR	21 34 30.0	+7.8
KIV				LR	LR		
ARU	comp=Z,78nm,20.0s,MS4.3						
ARU	Arti	111.10	22	PFAKE	LR	21 34 30.0	+7.4
ARU				LR	LR		
LSZ	comp=Z,130nm,22.0s,MS4.6						
LSZ	Lusaka	114.36	104	PFAKE	LR	21 34 30.0	+6.9
LSZ				LR	LR		
DRV	comp=Z,1.1um,19.0s,MS5.6						
DRV	Dumont d'Urville	111.76	187	SP	SP	21 44 33.0	-4.6
DRV				GN1	GN1	21 34 40.0	+1.2
YSS	comp=Z,259nm,20.0s,MS4.8						
YSS	Yuzh-Sakhalins	114.63	328	PFAKE	LR	21 34 40.0	+1.1
YSS				LR	LR		
ERM	comp=Z,382nm,20.0s,MS5.0						
ERM	Erimo	117.42	323	PFAKE	LR	21 34 50.0	+1.5
ERM				LR	LR		
BRVK	comp=Z,151nm,22.0s,MS4.6						
BRVK	Borovoye	117.84	18	PFAKE	LR	21 34 50.0	+1.5
BRVK				LR	LR		
CASY	comp=Z,1.103nm,22.0s,MS4.4						
CASY	Casey	118.10	186	PFAKE	LR	21 34 50.0	+1.4
CASY				LR	LR		
KMBO	comp=Z,1.1um,19.0s,MS5.5						
KMBO	Kilima Mbogo	119.87	88	PFAKE	LR	21 34 50.0	+1.1
KMBO				LR	LR		
HIA	comp=Z,678nm,19.0s,MS5.3						
HIA	Hailar	122.59	343	PFAKE	LR	21 35 00.0	+1.5
HIA				LR	LR		
MDJ	comp=Z,502nm,22.0s,MS5.1						
MDJ	Mudanjiang	122.81	333	PKP	PKPpdf	21 34 43.8	-1.2
MDJ				XPXP	XPXP	21 34 55.9	
MDJ	comp=Z,71nm,24.1s						
MDJ				PP	PP		
MDJ	comp=N,310nm,34.4s,MS5.0						
MDJ				LR	LR		
MDJ	comp=E,454nm,33.1s,MS5.0						
MDJ				LR	LR		
MDJ	comp=Z,227nm,34.4s,MS4.6						
MDJ	Mudanjiang	122.81	333	PFAKE	LR	21 35 00.0	+1.5
MDJ				LR	LR		
MDJ	comp=Z,291nm,21.0s,MS4.9						
MDJ	Talaya	123.33	355	PFAKE	LR	21 35 00.0	+1.4
MDJ				LR	LR		
MAJO	comp=Z,55nm,20.0s,MS4.2						
MAJO	Matsushiro	123.79	321	PFAKE	LR	21 35 00.0	+1.3
MAJO				LR	LR		
CN2	comp=Z,291nm,19.0s,MS5.0						
CN2	Changchun	125.26	335	ePKP	PKPpdf	21 34 47.9	-1.8
CN2				ePKP	ePKP	21 35 03.0	
CN2				PP	PP	21 36 41.9	+2.4
CN2				eSS	SS	21 53 33.9	-3.2
CN2	comp=Z,200nm,6.0s						
CN2				LR	LR		
CN2	comp=N,500nm,21.0s,MS5.3						
CN2				LR	LR		
CN2	comp=E,400nm,21.0s,MS5.3						
CN2				LR	LR		
CN2	comp=Z,700nm,21.0s,MS5.3						
CN2				LR	LR		
MK31	comp=Z,291nm,19.0s,MS5.0						
MK31	Makanchi Array	126.77	13	ePKP	PKPpdf	21 34 51.4	-1.2
MK31				ePKP	ePKP	21 34 48.4	
MK31	comp=Z,7.7nm,0.9s,baz=0.0,slow=5.8,SNR=3.3						

MKAR	comp=Z,1.2nm,0.8s,baz=0.0,slow=1.2,SNR=7.6			PKP	PKPpdf	21 34 51.5	-1.2
SOMN	Songino Array	126.84	352	PKP	PKPpdf	21 34 51.0	-1.7
AAK	comp=Z,1.1nm,0.8s,baz=3.0,slow=2.0,SNR=7.5			PKP	PKPpdf		
AAK	Ala-Archa	128.28	21	ePKP	PKPpdf	21 34 54.3	-1.2
AAK				MLR	MLR		
KSR5	comp=Z,77nm,19.0s,MS4.4						
KSR5	Korea Array	129.11	329	PKP	PKPpdf	21 34 56.3	-0.8
KSR5				PKP	PKPpdf		
INCN	comp=Z,1.4nm,0.8s,baz=36,slow=3.2,SNR=7.1						
INCN	Inchon	129.75	330	LR	LR	21 35 10.0	+1.2
PMG	comp=Z,386nm,22.0s,MS5.0						
PMG	Port Moresby	130.43	262	PFAKE	LR	21 35 10.0	+1.0
PMG				LR	LR		
WMQ	comp=Z,461nm,22.0s,MS5.1						
WMQ	Urumqi	130.67	9	ePKP	PKPpdf	21 34 59.0	-1.1
WMQ				XPXP	XPXP	21 35 13.5	
WMQ				PP	PP	21 37 20.0	+4.9
WMQ				SKS	SKS	21 42 05.0	-7.0
WMQ				SKKS	SKKSac	21 44 07.0	-5.4
WMQ	comp=Z,147nm,5.5s						
WMQ				LR	LR		
WMQ	comp=N,529nm,29.4s,MS5.2						
WMQ				LR	LR		
WMQ	comp=E,489nm,29.4s,MS5.2						
WMQ				LR	LR		
STKA	comp=Z,463nm,26.0s,MS5.1						
STKA	Stephens Creek	130.73	232	PKP	PKPpdf	21 34 59.3	-0.9
STKA				ePKP	ePKP		
STKA	comp=Z,0.8nm,0.5s,baz=27,slow=4.5,SNR=3.2						
BJI	Beijing	131.99	341	PKP	PKPpdf	21 35 04.0	+1.4
BJI				SS	SS	21 55 01.1	+0.6
BJI	comp=N,352nm,24.2s,MS5.1						
BJI				LR	LR		
BJI	comp=E,352nm,24.2s,MS5.1						
BJI				LR	LR		
BJT	comp=Z,587nm,25.7s,MS5.2						
BJT	Baijiatuu	132.02	341	PFAKE	LR	21 35 10.0	+7.4
BJT				LR	LR		
HHC	comp=Z,349nm,19.0s,MS5.1						
HHC	Hu-ho-hao-te	132.59	345	ePKP	PKPpdf	21 35 01.1	-2.6
HHC				XPXP	XPXP	21 35 15.5	
HHC				PP	PP	21 37 28.4	+0.9
HHC				SKS	SKKSac	21 44 14.8	-9.4
HHC							

ms1mx3.0/32, Error ellipse: s-maj=108.9km s-min=36.5km az=134.0
CSEM 18 22:25:43.2, 6824N:2160W, h10km, mb4.2/2, After NEIC
NEIC 18 22:25:43.2, 0.9, 6824N:2160W, h10km, mb4.1/3, Error
ellipse: s-maj=17.6km s-min=12.6km az=224.0
ISC 18 22:25:43.2, 0.9, 6824N:2160W, h10km, n22, 0.15/17/21,
mb4.0/5, MS3.6/3, Iceland region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Lists various stations like BORG, SUMG, EKA, etc.

IDC 18 23:02:04.9, 3.4, 586S:15094E, h0km, mb3.7/3, mb1 4.0/3,
mb1mx3.6/13, mbmtpp3.8/3, Error ellipse:
s-maj=112.7km s-min=47.3km az=121.0, New Britain
region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Lists stations like WRA, ASAR, FITZ, etc.

TIR 18 23:25:52.4, 4059N:2080E, h5km, M13.3
ATH 18 23:25:53.3, 4056N:2067E, h12km, 1km, MD3.5/11
ISCJB 18 23:25:53.4, 0.4, 4056N:2074E, 0.02, h2km, 3km,
Error ellipse: s-maj=2.6km s-min=2.3km az=98.1
CSEM 18 23:25:54.9, 0.1, 4046N:2073E, h2km, ML3.3, Error
ellipse: s-maj=1.6km s-min=1.3km az=33.0
NEIC 18 23:25:54.9, 0.62N:2073E, h11km, ML3.0(ATH),
ML3.2(PDG), After PDG.
PDG 18 23:25:54.9, 0.4, 4063N:2073E, h11km, 1km
THE 18 23:25:55.0, 4060N:2078E, h1km, ML3.3
ISC 18 23:25:54.0, 0.4, 4055N:202:2077E:0.02, h4km, 3km, n73,
0.1507/111, 4C-3D, Greece-Albania border region

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Lists numerous stations including LSK, FNA, OHR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Lists stations like TTG, XOR, BUM, etc.

ISCJB 18 23:32:55.1, 0.5, 10S:0.1x2441W:008, h10km, mb3.9/13,
MS3.7/1, Error ellipse: s-maj=17.6km s-min=10.1km
az=130.3

IDC 18 23:32:55.3, 0.7, 107S:2440W, h0km, mb4.0/11,
mb1 4.1/11, mb1mx3.9/25, mbmtpp4.0/11, MS3.8/1,
MS1 3.8/1, ms1mx3.2/21, Error ellipse: s-maj=29.9km
s-min=15.0km az=144.0

NEIC 18 23:32:56.6, 0.3, 109S:2441W, h10km, mb4.2/3, Error
ellipse: s-maj=12.1km s-min=7.4km az=157.0

ISC 18 23:32:57.4, 0.5, 10S:0.1x2442W:008, h10km, n26,
0.054/23, mb3.9/13, MS3.7/1, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Lists stations like RCBR, BDFB, TOR, etc.

ISCJB 18 23:33:31.0, 0.3, 1392N:004x12049E:007, h125km, 3km,
mb4.2/13, Error ellipse: s-maj=10.6km s-min=5.9km
az=8.4

IDC 18 23:33:31.7, 0.7, 1393N:12071E, h121km, 7km, mb3.8/9,
mb1 3.9/9, mb1mx3.6/21, mbmtpp4.1/9, Error ellipse:
s-maj=35.6km s-min=14.9km az=72.0

NEIC 18 23:33:31.6, 0.4, 1394N:12063E, mb4.3/4, Error ellipse:
s-maj=12.0km s-min=9.9km az=80.0

MAN 18 23:33:32.5, 1390N:12048E, h102km, m02.5, ML4.0,
MS3.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Lists stations like LUBP, TG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Lists stations like CHKZ, MCK, etc.

ISCJB 18 23:33:42.3, 0.7, 1.1S:0.1x2463W:010, h10km, mb3.8/6,
Error ellipse: s-maj=19.6km s-min=12.4km az=122.9
IDC 18 23:33:43.4, 1.0, 036S:2467W, h0km, mb3.9/5, mb1 4.0/5,
mb1mx3.7/22, mbmtpp3.9/5, Error ellipse: s-maj=59.4km
s-min=23.6km az=130.0

NEIC 18 23:33:44.8, 0.5, 104S:2461W, h10km, mb3.7/1, Error
ellipse: s-maj=16.9km s-min=10.3km az=152.0

ISC 18 23:33:44.9, 0.7, 10S:0.1x2464W:010, h10km, n14,
0.0589/11, mb3.8/6, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Lists stations like RCBR, ASCN, etc.

IDC 18 23:39:02.9, 1.1, 005N:12589E, h0km, mb3.9/5, mb1 4.1/6,
mb1mx3.8/17, mbmtpp3.9/6, ML3.9/1, Error ellipse:
s-maj=98.2km s-min=18.1km az=69.0
ISCJB 18 23:39:05.0, 0.8, 00S:0.1x1257E:02, h33km, mb3.9/6,
Error ellipse: s-maj=38.5km s-min=10.4km az=123.7
NEIC 18 23:39:07.8, 0.6, 003S:12576E, h35km, mb3.8/2, Error
ellipse: s-maj=28.6km s-min=7.7km az=62.0

ISC 18 23:39:08.0, 0.8, 00S:0.1x1258E:02, h35km, n11, 0.051/11,
mb3.9/6, Southern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Lists stations like KKM, FITZ, etc.

ISCJB 18 23:43:31.0, 0.5, 3854N:003:4353E:004, h12km, 3km,
Error ellipse: s-maj=5.8km s-min=4.9km az=75.8
CSEM 18 23:43:30.6, 0.1, 3856N:4348E, h11km, MD3.7, Error
ellipse: s-maj=2.9km s-min=2.2km az=89.0
ISK 18 23:43:30.8, 3856N:4349E, h11km, MD3.7
ISC 18 23:43:31.5, 0.5, 3856N:003:4352E:004, h10km, 3km, n33,
0.1501/36, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Lists stations like TVAN, VANB, etc.

ISCJB 18 23:47:02.6, 1.6, 362N:0.1x698E:02, h100km, Error
ellipse: s-maj=21.8km s-min=6.8km az=106.0
NNC 18 23:47:13.2, 23.9, 3639N:0.1x120km:109km, mb2.6,
mpv3.1, Error ellipse: s-maj=189.0km s-min=113.1km
az=14.0

ISC 18 23:47:04.1, 1.6, 362N:0.1x697E:02, h100km, n11,
0.077/15, 7C, Hindu Kush region

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

Table with columns: ANTU, Antumapu, 2.16 146, Pn, 05 35 04.2 +1.7, etc.

WEL 19 06:38:11.2±0.5, 3906S, 147mE, h207km, 4km, ML3.5/9, Error ellipse: s-maj=4.5km s-min=2.8km az=90.0, North Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

IDC 19 06:46:44.1±1.4, 2838N, 13866E, h513km, 32km, mb2.8/4, mb1 2.9/5, mb1mx2.8/19, mbtmp3.7/5, Error ellipse: s-maj=71.4km s-min=17.3km az=76.0, Bonin Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

BER 19 06:52:40.0±0.3, 1.7002N, 1566E, h12km, 48km, MD2.5, ML1.7

CSEM 19 06:52:40.1±0.2, 6962N, 1592E, h10km, ML2.5, Error ellipse: s-maj=5.2km s-min=1.9km az=150.0

NAO 19 06:52:44.4±3.6, 6923N, 1668E, ML1.9

HEL 19 06:52:41.0±0.3, 6970N, 1576E, h7km, 1km, ML2.5, MD2.5(BER), ML1.7(BER), Northern Norway

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

NEIC 19 07:04:30.2, 1742N, 9707W, h75km, MD3.9(MEX), After MEX.

MEX 19 07:04:30.2±0.5, 1742N, 9707W, h75km, 4km, MD3.9, Oaxaca

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

Table with columns: CMIG, Matias Romero, 2.11 99, Pn, 07 05 02.3 -1.1, etc.

ISCJB 19 07:07:09.5±0.3, 4632N, 003.093E, 003, h10km, Error ellipse: s-maj=3.6km s-min=2.6km az=6.5

NEIC 19 07:07:11.5, 4627N, 090E, h12km, ML2.8(LDG), After LDG.

CSEM 19 07:07:11.6±0.1, 4628N, 090E, h8km, ML2.9, Error ellipse: s-maj=2.5km s-min=1.9km az=171.0

LDG 19 07:07:11.5±0.2, 4627N, 090E, h12km, 2km, ML2.8/9

STR 19 07:07:11.8±0.3, 4606N, 090E, h5km, 1km, ML2.7, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 19 07:07:10.4±0.4, 4630N, 003.091E, 003, h10km, n38, φ=1171/81, France

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

MOS 19 07:15:33.4±0.8, 6413N, 14887E, h13km, mb5.1/83, MS4.7/42, Error ellipse: s-maj=10.3km s-min=3.8km az=97.8

MOS Felt (V) at Susuman, (IV) at Seimchan, Omchak, (II) at Magadan, Stekol'ny.

NERS 19 07:15:34.4, 6409N, 14913E, h25km, MSH5.4, Felt I=V MSK at Susuman, I=IV at Seimchan, Omchak, I=II at Magadan, Stekol'ny.

ISCJB 19 07:15:34.7±0.1, 6415N, 002.14883E, 003, h20km, mb4.9/156, MS4.7/61, Error ellipse: s-maj=3.2km s-min=2.1km az=161.0

GCMT 19 07:15:36.5±0.2, 6410N, 14889E, h29km, 1km, MW5.2/87, Moment Tensor Solution. s56,c77; s87,c149; Duration: 0.3

Mos 4.35±.15; M00-6.05±.15; M02-2.99±.28; M03-2.30±.12; M04-2.27±.24; Best double couple: M06.90200x1016

NP1: 31.00000°, 854.00000°, 1.170.00000°; NP2: 61.28.00000°, 882.00000°, 1.36.00000°; Principal axes: T

6.3390, P1g31.0000°, Azm356.0000°; N 1.1260; P1g53.0000°, Azm139.0000°, P-7.4650, P1g18.0000°, Azm254.0000°; nsta1 refers to body waves, cutoff=40s.

nsta2 refers to surface waves, cutoff=50s.

NEIC 19 07:15:36.5±0.1, 6407N, 14886E, mb5.1/109 Error ellipse: s-maj=3.5km s-min=2.6km az=180.0

NEIC Felt (V) at Susuman; (IV) at Omchak and Seymchan; (II) at Magadan and Stekol'ny.

BUI 19 07:15:36.5, 6398N, 14828E, h11km, mb5.1, mb4.8, Ms5.5, Msz5.3

IDC 19 07:15:38.5±6.3, 6414N, 14897E, h33km, 49km, mb4.3/27, mb1 4.5/27, mb1mx4.4/31, mbtmp4.5/27, MS4.5/29, Ms1 4.5/29, sm1mx4.4/34, Error ellipse: s-maj=13.2km s-min=10.9km az=149.0

SZGRF 19 07:15:42.7, 6440N, 14745E, h33km, mb5.4, Eastern Siberia, Russia

ISC 19 07:15:36.6±0.1, 6416N, 002.14879E, 003, h21km, n21km, 8km, P-P, n820, φ=80/634, mb4.9/156, MS4.7/61, 79C-75D, Eastern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

19d 7h

Table with columns for SRU, Name, Time, and other metrics. Includes entries like San Rafael, Dobruska-Polom, Ostrava-Krasne, etc.

2006 OCT

Table with columns for GERE, Name, Time, and other metrics. Includes entries like GERE5 Array B, GERE5 Array B, GERE5 Array B, etc.

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Table with columns for ANMO, Name, Time, and other metrics. Includes entries like Albuquerque, Albuquerque, Eloy, etc.

Table of astronomical observations for 19d 8h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2006 OCT, listing station names, coordinates, and observation details.

Table of astronomical observations for 2006 OCT, listing station names, coordinates, and observation details.

TOAO TORD	epCp P	PcP P	09 44 12.7 -1.3 09 41 30.2 -0.4	CD2 comp=Z,160nm,12.0s,MS4.4	LR LR	LR LR	LR LR	WRA WRA	Warramunga Arr 121.12 89	PKIKP Pmax	PKPdf Pmax	09 53 45.3 -2.5	
TORD	epCp P	PcP P	09 57 48.9	SEY KMI	68.43 21	eP P	P P	ASAR Alice Springs	123.03 93	PKP PKP	PKPdf PKPdf	09 53 49.6 -1.8	
TORD	LR P	LR P	09 41 30.2 -0.4 09 57 48.9	KMI KMI	68.51 75	eP AP	P P	ASAR Alice Springs	123.03 93	PKIKP Pmax	PKPdf Pmax	09 53 49.7 -1.8	
ZRNN ZRNN	eP P	LR P	09 41 40.1 +0.4 09 44 16.5	KMI KMI		SS SS	SS SS	STKA Stevens Creek	133.21 97	PKP PKP	PKPdf PKPdf	09 54 04.1 -1.5	
ZRNN	comp=Z,16nm,1.3s,mb4.8	Pmax Pmax		KMI	comp=Z,7.0nm,0.6s,mb5.1	AMB AMB	AMB AMB	DZM Mont Dzacum	145.57 65	PKPbc PKPbc	PKPbc PKPbc	09 54 33.4 0.0	
ZRNN	comp=Z,16nm,1.3s,mb4.8	eP P	09 41 40.1 +0.4	KMI	comp=Z,90nm,3.8s	LR LR	LR LR	IDC 19 09:51:17.4+6.8,391S:13380E,h0km,mb3.6/1,mb1 3.7/3, mb1mx3.4/13,mbtmp3.3/3, Error ellipse: s-maj=392.5km s-min=31.1km az=77.0,Irian Jaya region					
ZRNN	epCp P	PcP P	09 44 16.5 -0.5 09 44 46.6 +0.2	KMI KMI	comp=Z,45nm,25.4s,MS3.6	LR LR	LR LR	Code	Station Name	Δ°	AZ°	Phase ID	Time Res
BRVK BRVK	eP P	Pmax Pmax		KMI KMI	68.51 75	P P	P P	WRA	Warramunga Arr	15.94 178	Op Pn	ISC Pn	09 55 01.0 -1.9
BRVK	comp=Z,23nm,0.8s,mb5.2	eP P	09 41 46.6 +0.2	KMI KMI	68.51 75	*PP *SP	sP sP	ASAR	Alice Springs	19.64 180	Op Pn	ISC Pn	09 55 47.7 -0.1
BVAR BVAR	comp=Z,23nm,0.8s,mb5.2	eP P	09 41 46.8 -0.2	KMI KMI	68.51 75	S S	SS SS	MKAR	Makanchi Array	67.83 324	P P	P P	10 02 14.2 +0.2
BVAR	comp=Z,11nm,0.8s,mb4.8,baz=269,slow=6.8,SNR=33	eP P	09 41 46.8 -0.1	KMI KMI	comp=Z,7.0nm,0.6s,mb5.1	MLR MLR	MLR MLR	IDC 19 09:52:15.4+2.3,475S:13884E,h0km,mb3.9/2,mb1 4.3/4, mb1mx3.8/11,mbtmp4.1/4,ML4.6/1, Error ellipse: s-maj=70.1km s-min=18.4km az=94.0 NEIC 19 09:52:15.9+1.1,462S:13905E,h10km,mb4.4/1, Error ellipse: s-maj=17.7km s-min=15.2km az=50.0 ISCJB 19 09:52:17.0+1.1,48S:0.1x1391E:0.1,h33km,mb3.7/2, Error ellipse: s-maj=17.1km s-min=14.7km az=92.8 ISC 19 09:52:19.3+1.0,471S:009.1391E:0.1,h35km,n14, r138/16,mb3.7/2,Irian Jaya region					
CHKZ CHKZ	comp=Z,11nm,0.8s	eP P	09 41 48.1 +0.3	KMI KMI	comp=Z,50nm,25.4s,MS3.6	LR LR	LR LR	Code	Station Name	Δ°	AZ°	Phase ID	Time Res
AAK AAK	comp=Z,6.4nm,0.8s,mb4.6	eP P	09 42 28.2 +1.1	KMI KMI	68.51 75	P P	P P	PMG	Port Moresby	9.27 121	eP eP	ISC Pn	09 54 30.3 -0.2
FRU FRU	comp=Z,25nm,1.7s,mb4.6	eP P	09 42 28.0 +0.8	KMI KMI	68.51 75	P P	P P	KAKA	Kakadu	10.31 219	eP eP	Pn Pn	09 54 44.7 -0.1
NVS NVS	comp=Z,40nm,1.8s,mb4.8	eP P	09 42 49.2 +0.7	KMI KMI	68.51 75	P P	P P	WRAB	Tennant Creek	15.82 197	eP eP	Pn Pn	09 56 02.3 +2.9
NVS	comp=Z,30nm,1.6s,mb4.8	Pmax Pmax		KMI KMI	68.51 75	P P	P P	WB2	Warramunga Arr	15.83 197	eP eP	Pn Pn	09 55 55.3 -4.2
ZAL ZAL	comp=Z,11nm,1.8s	eP P	09 42 56.9 -0.3	KMI KMI	68.51 75	P P	P P	WB2	Warramunga Arr	15.83 197	eP eP	Pn Pn	09 55 55.3 -4.2
ZAL	comp=Z,2.5nm,0.7s,mb4.0,baz=193,slow=7.9,SNR=7.4	LR LR	10 03 58.1	KMI KMI	68.51 75	P P	P P	WRA	Warramunga Arr	15.84 197	Pn Pn	Pn Pn	09 55 54.5 -5.1
ZAL	comp=Z,4.6nm,18.6s,MS4.4,baz=205,slow=40	eP P	09 42 56.9 -0.3	KMI KMI	68.51 75	P P	P P	WRA	1.0nm,0.3s,baz=19,slow=13,SNR=27		Sn Sn	Sn Sn	09 59 03.5 +1.0
ZAL	comp=Z,3.0nm,0.7s	Pmax Pmax		KMI KMI	68.51 75	P P	P P	FITZ	Fitzroy Crossi	18.71 224	P P	Pn Pn	09 56 37.5 +2.1
ZAL	comp=Z,4.6nm,18.6s	MLR MLR		KMI KMI	68.51 75	P P	P P	FITZ	Fitzroy Crossi	18.71 224	P P	Pn Pn	09 56 34.3 -1.1
MK31 MK31	comp=Z,46nm,18.6s	eP P	09 42 57.6 -2.0	KMI KMI	68.51 75	P P	P P	AS31	Alice Springs	19.50 194	eP eP	Pn Pn	09 56 43.1 -1.7
MKAR MKAR	Makanchi Array 43.68 62	eP P	09 42 59.5 -0.1	KMI KMI	68.51 75	P P	P P	ASAR	Alice Springs	19.50 194	P P	Pn Pn	09 56 43.5 -1.4
MKAR	comp=Z,2.8nm,0.9s,mb4.0,baz=295,slow=26,SNR=4.9	PcP PcP	09 44 46.4 -0.5	KMI KMI	68.51 75	P P	P P	ASAR	1.7nm,0.3s,baz=23,slow=26,SNR=7.0		S S	S S	10 00 23.0 +1.1
MKAR	comp=Z,2.8nm,0.8s,baz=299,slow=3.5,SNR=8.1	LR LR	10 03 02.3	KMI KMI	68.51 75	P P	P P	ASPA	Alice Springs	19.50 194	eP eP	Pn Pn	09 56 43.1 -1.8
MKAR	Makanchi Array 43.68 62	P P	09 42 59.5 -0.1	KMI KMI	68.51 75	P P	P P	KKM	Kota Kinabalu	25.21 295	eP eP	Pn Pn	09 57 41.5 -0.2
MKAR	comp=Z,3.0nm,0.9s	Pmax Pmax		KMI KMI	68.51 75	P P	P P	STKA	Stevens Creek	27.13 175	P P	Pn Pn	09 58 01.0 +1.9
MKAR	comp=Z,141nm,21.0s	MLR MLR		KMI KMI	68.51 75	P P	P P	MKAR	Makanchi Array	71.59 323	P P	P P	10 03 37.5 +0.5
WMQ WMQ	Urumqi 48.29 64	eP P	09 43 37.8 +1.8	KMI KMI	68.51 75	P P	P P	IDC 19 09:55:10.8-62.0,1682S:17750W,h0km,mb4.1/3, mb1 4.3/3,mb1mx3.8/15,mbtmp4.1/3, Error ellipse: s-maj=1141.0km s-min=161.6km az=78.0,Fiji Islands region					
WMQ	comp=Z,7.0nm,0.6s,mb5.0	AMB AMB		KMI KMI	68.51 75	P P	P P	Code	Station Name	Δ°	AZ°	Phase ID	Time Res
WMQ	comp=Z,109nm,4.8s	LR LR		KMI KMI	68.51 75	P P	P P	STKA	Stevens Creek	39.91 240	P P	ISC Pn	10 02 47.0 +0.4
WMQ	comp=N,336nm,13.0s,MS4.7	LR LR		KMI KMI	68.51 75	P P	P P	WRA	Warramunga Arr	45.69 258	P P	Pn Pn	10 03 33.8 +0.4
WMQ	comp=E,302nm,10.7s,MS4.7	LR LR		KMI KMI	68.51 75	P P	P P	ASAR	Alice Springs	49.72 53	P P	Pn Pn	10 03 35.4 +0.1
WMQ	comp=Z,197nm,15.8s	LR LR		KMI KMI	68.51 75	P P	P P	NEIC 19 09:59:21.2,3172S:7150W,h34km,ML3.1(GUC),After GUC. GUC 19 09:59:21.2+0.7,3172S:7150W,h34km,ML3.1,MD3.8, ML3.1,9C-4D,Near coast of central Chile					
SCHO SCHO	Schefferville 55.08 315	P P	09 44 24.9 -1.9	KMI KMI	68.51 75	P P	P P	Code	Station Name	Δ°	AZ°	Phase ID	Time Res
SCHQ	comp=Z,5.4nm,0.7s,mb4.7,baz=96,slow=1.7,SNR=5.1	LR LR	10 04 32.8	KMI KMI	68.51 75	P P	P P	CHNG	Los Chongos	0.16 179	Op eP	ISC Pb	09 59 27.4 -0.1
BOD BOD	comp=Z,158nm,19.5s,MS4.1,baz=91,slow=32	eP P	09 44 41.6 -2.0	KMI KMI	68.51 75	P P	P P	CHNG	0.16 179	Op eP	ISC Pb	09 59 27.4 -0.1	
SOMM SOMM	Songino Array 57.27 52	P P	09 44 49.7 +0.2	KMI KMI	68.51 75	P P	P P	CMCH	Combarbala	0.69 38	iP iP	Pn Pn	09 59 34.5 -0.2
SOMM	comp=Z,3.8nm,1.0s,mb4.4,baz=286,slow=7.4,SNR=18	LR LR	10 11 50.5	KMI KMI	68.51 75	P P	P P	CMCH	0.69 38	iP iP	Pn Pn	09 59 44.7 +0.5	
SOMM	comp=Z,298nm,20.4s,MS4.4,baz=149,slow=38	eP P	09 44 49.7 +0.3	KMI KMI	68.51 75	P P	P P	CMCH	comp=N,2um,0.7s		AML AML	AML AML	09 59 46.4
SOMM	comp=Z,4.0nm,1.0s	MLR MLR		KMI KMI	68.51 75	P P	P P	CMCH	Combarbala	0.69 38	iP iP	Pn Pn	09 59 34.5 -0.2
SOMM	comp=Z,298nm,20.4s	MLR MLR		KMI KMI	68.51 75	P P	P P	CMCH	0.69 38	iP iP	Pn Pn	09 59 44.7 +0.5	
GTA GTA	Gaotai 58.38 64	eP P	09 44 50.3 +0.1	KMI KMI	68.51 75	P P	P P	PTCH	Petorca	0.73 138	iP iP	Pn Pn	09 59 35.1 0.0
GTA	comp=Z,3.0nm,1.4s,mb4.1	AMB AMB		KMI KMI	68.51 75	P P	P P	PTCH	0.73 138	iP iP	Pn Pn	09 59 45.4 +0.4	
GTA	comp=Z,86nm,3.8s	LR LR		KMI KMI	68.51 75	P P	P P	PTCH	comp=N,2um,0.1s		AML AML	AML AML	09 59 45.9
GTA	comp=N,137nm,18.3s,MS4.3	LR LR		KMI KMI	68.51 75	P P	P P	OVCH	Ovalle	1.14 13	iP iP	Pn Pn	09 59 41.9 +1.2
GTA	comp=E,131nm,17.2s,MS4.3	LR LR		KMI KMI	68.51 75	P P	P P	OVCH	0.16 179	Op eP	ISC Pb	09 59 56.9 +1.7	
LZH LZH	Lanzhou 62.85 65	eP P	09 45 21.6 +0.9	KMI KMI	68.51 75	P P	P P	OVCH	comp=E,560nm,0.4s		AML AML	AML AML	10 00 00.0
LZH	comp=Z,191nm,24.8s	AMB AMB		KMI KMI	68.51 75	P P	P P	OVCH	Ovalle	1.14 13	iP iP	Pn Pn	09 59 41.9 +1.2
LZH	comp=Z,101nm,5.5s	LR LR		KMI KMI	68.51 75	P P	P P	OVCH	0.16 179	Op eP	ISC Pb	09 59 56.9 +1.7	
LZH	comp=E,386nm,15.8s	LR LR		KMI KMI	68.51 75	P P	P P	JACH	Jahuel	1.23 141	iP iP	Pn Pn	09 59 43.4 +1.4
LZH	comp=Z,669nm,16.2s,MS4.9	LR LR		KMI KMI	68.51 75	P P	P P	ROCH	El Roble	1.32 162	iP iP	Pn Pn	09 59 59.4 +1.9
LZH	Lanzhou 62.85 65	eP P	09 45 21.6 +0.9	KMI KMI	68.51 75	P P	P P	ROCH	0.16 179	Op eP	ISC Pb	09 59 44.4 +1.2	
LZH	comp=Z,16nm,1.2s,mb5.0	AMB AMB		KMI KMI	68.51 75	P P	P P	ROCH	1.32 162	iP iP	Pn Pn	10 00 02.6 +3.0	
LZH	comp=Z,101nm,5.5s	LR LR		KMI KMI	68.51 75	P P	P P	ROCH	1.32 162	iP iP	Pn Pn	09 59 48.2 +1.4	
LZH	comp=E,386nm,15.8s	LR LR		KMI KMI	68.51 75	P P	P P	ROCH	1.32 162	iP iP	Pn Pn	10 00 08.8 +2.8	
LZH	comp=Z,669nm,16.2s,MS4.9	LR LR		KMI KMI	68.51 75	P P	P P	ROCH	1.32 162	iP iP	Pn Pn	09 59 47.1 +1.8	
LZH	Lanzhou 62.85 65	eP P	09 45 21.6 +0.9	KMI KMI	68.51 75	P P	P P	ROCH	1.32 162	iP iP	Pn Pn	10 00 11.7 +3.6	
LZH	comp=Z,16nm,1.2s,mb5.0	AMB AMB		KMI KMI	68.51 75	P P	P P	ROCH	1.32 162	iP iP	Pn Pn	10 00 15.1	
LZH	comp=Z,101nm,5.5s	LR LR		KMI KMI	68.51 75	P P	P P	ROCH	1.32 162	iP iP	Pn Pn	09 59 49.7 +1.8	
LZH	comp=E,386nm,15.8s	LR LR		KMI KMI	68.51 75	P P	P P	ROCH	1.32 162	iP iP	Pn Pn	10 00 11.7 +3.6	
LZH	comp=Z,669nm,16.2s,MS4.9	LR LR		KMI KMI	68.51 75	P P	P P	ROCH	1.32 162	iP iP	Pn Pn	10 00 15.1	
LZH	Lanzhou 62.85 65	eP P	09 45 21.6 +0.9	KMI KMI	68.51 75	P P	P P	ROCH	1.32 162	iP iP	Pn Pn	09 59 48.2 +1.4	
LZH	comp=Z,16nm,1.2s,mb5.0	AMB AMB		KMI KMI	68.51 75	P P	P P	ROCH	1.32 162	iP iP	Pn Pn	10 00 08.8 +2.8	
LZH	comp=Z,101nm,5.5s	LR LR		KMI KMI	68.51 75	P P	P P	ROCH	1.32 162	iP iP	Pn Pn	09 59 47.1 +1.8	
LZH	comp=E,386nm,15.8s	LR LR		KMI KMI	68.51 75	P P	P P	ROCH	1.32 162	iP iP	Pn Pn	10 00 11.7 +3.6	
LZH	comp=Z,669nm,16.2s,MS4.9	LR LR		KMI KMI	68.51 75	P P	P P	ROCH	1.32 162	iP iP	Pn Pn	10 00 15.1	
LZH	Lanzhou 62.85 65	eP P	09 45 21.6 +0.9	KMI KMI	68.51 75	P P	P P	ROCH	1.32 162	iP iP	Pn Pn	09 5	

19d 10h

ellipsoe: s-maj=9.2km s-min=7.3km az=91.7
JMA 19 10:10:20.5, 1.0, 4645N, 153.46E, h30km, M4.7
ISC 19 10:10:22.7, 0.8, 4643N, 006.15326E, 008, h38km, 6km,
h2km, 5.6km, p-P, n160, c1938/176, mb4.8/50, MS3.8/10,
10C-2D, Kuril Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time Res, ISC h m s, ISC h m s. Lists various seismic stations and their recorded data.

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Table with columns: BMKR, Station Name, Time, Res, ISC h m s, ISC h m s. Lists seismic stations and their recorded data for October 2006.

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Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time Res, ISC h m s, ISC h m s. Lists seismic stations and their recorded data.

STKA Stephens Creek 43.03 161 P P 10 21 35.8 +0.1
MKAR Makanchi Array 53.23 323 P P 10 22 54.6 +0.2
VANDA Vanda 88.52 173 P P 10 26 28.0 -0.1

IDC 19 10:18:13.4:2.0,664S:12968E,h0km,mb4.1/1,mb1 4.0/4,
mb1mx3.6/15,mbtmp3.8/4,ML3.7/3,Error ellipse:
s-maj=77.7km s-min=27.0km az=77.0, Banda Sea

ISCJB 19 10:55:51.0:1.2,3609N:003:3167E,0.05,h2km,9km,
Error ellipse: s-maj=7.7km s-min=4.3km az=102.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like AKMC, ALFC, ERMK, etc.

IDC 19 11:12:01.8:3.5,587S:10948E,h0km,mb3.5/3,mb1 3.8/4,
mb1mx3.6/18,mbtmp3.6/4,ML3.5/1,MS3.2/1,Ms1 3.2/1,
ms1mx2.6/17,Error ellipse: s-maj=178.1km
s-min=25.7km az=47.0, Jawa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like PSI, FITZ, WRA, etc.

IDC 19 11:15:45.4:1.2,1849N:65.14W,h0km,mb3.8/4,mb1 4.1/4,
mb1mx3.8/20,mbtmp3.8/4,MS3.6/3,MS1 3.5/3,
ms1mx3.0/30,Error ellipse: s-maj=48.9km s-min=20.4km
az=34.0, Indonesia

ISCJB 19 11:15:46.0:1.5,1924N:006:6489W,0.05,h6km,10km,
mb3.8/9,MS3.6/3,Error ellipse: s-maj=10.8km
s-min=6.8km az=144.2, Indonesia

NEIC 19 11:15:48.1,1920N:64.47W,h5km,MD3.8(RSPR),After
RSPR, Indonesia

RSPR 19 11:15:48.1,1920N:64.47W,h5km,9km,MD3.8/14,
MD3.8/14, Indonesia

ISC 19 11:15:46.1:5.1,1919N:006:6468W,0.05,h2km,7km,n25,
o554/34,mb3.8/4,MS3.6/3,7C-7D,Virgin Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like MTP, CBYP, HUMP, etc.

ISCJB 19 11:26:57.1:1.1,6006N:003:44E,0.1,h0km,Error ellipse:
s-maj=9.2km s-min=4.8km az=172.8

CSEM 19 11:26:59.2:0.2,6010N:455E,h15km,ML2.0,Error
ellipse: s-maj=5.6km s-min=2.8km az=65.0

BER 19 11:26:59.6:2.4,6007N:438E,h0km,ML2.0,ML2.6(NAO),
Explosion

NAO 19 11:27:00.4:3.8,5997N:462E,ML2.6
ISC 19 11:26:58.2:1.1,6007N:003:44E,0.1,h0km,n12,o59/93/22,
Southern Norway

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like EGD, BER, ASK, etc.

JMA 19 11:32:43.5:0.2,4362N:14768E,h12km,M3.9,Kuril
Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like NEM2, JRA, JNK, etc.

IDC 19 11:43:23.9:5.5,992S:12463E,h0km,mb3.9/1,mb1 3.6/4,
mb1mx3.4/15,mbtmp3.5/4,ML3.2/3,Error ellipse:
s-maj=77.9km s-min=58.2km az=90.0

ISCJB 19 11:43:26.3:2.0,993S:101x1247E,0.1,h33km,mb3.6/1,
Error ellipse: s-maj=19.1km s-min=13.4km az=43.7

ISC 19 11:43:27.9:2.0,99S:01x1246E,0.1,h35km,n7,o08/13,
mb3.6/1,Timor region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KAKA, FITZ, WRA, etc.

MAN 19 11:58:46.8,688N:12626E,h32km,mb3.3,ML4.5,MS5.9,
2C,Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like MATI, KCP, CGP.

NEIC 19 12:19:39.9,4119S:17281E,h178km,MG3.7(WEL),After
WEL

WEL 19 12:19:39.8:0.3,4119S:17279E,h178km,1km,ML3.7/13,
5C-3D,Error ellipse: s-maj=2.3km s-min=1.7km az=90.0,
South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like QRZ, SNZ, THZ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like MSWZ, PAWZ, NRZ, etc.

MEX 19 12:22:51.5:0.5,1962N:10637W,h20km,16km,MD4.0,
Off coast of Jalisco

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like CJM, AHU, ANIG, etc.

IDC 19 12:26:52.6:0.8,011S:12557E,h0km,mb3.9/8,mb1 4.1/9,
mb1mx3.9/19,mbtmp3.9/9,ML3.7/1,Error ellipse:
s-maj=77.6km s-min=15.1km az=71.0,Southern
Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like FITZ, WRA, WB2, etc.

ISCJB 19 12:28:44.0:0.6,193N:03:6942W,0.09,h82km,15km,
mb3.8/5,Error ellipse: s-maj=45.0km s-min=5.2km

IDC 19 12:28:45.0:3.1,1861N:6941W,h90km,31km,mb3.4/5,
mb1 3.8/5,mb1mx3.4/20,mbtmp3.8/5,Error ellipse:
s-maj=39.5km s-min=18.6km az=16.0

NEIC 19 12:28:47.9,1951N:6888W,h145km,MD4.2(RSPR),
After RSPR, Indonesia

RSPR 19 12:28:47.9,1951N:6888W,h145km,9km,MD4.2/13,
MD4.2/13, Indonesia

ISC 19 12:28:45.1:0.7,195N:02:6933W,0.08,h67km,15km,n26,
o1707/39,mb3.6/5,13C-2D,Gombrak Republic region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like AGPR, LSP, CRPR, etc.

19d 15h

Table with columns: Code, Station Name, Az, El, SNR, and other parameters. Includes stations like Ceresole Reale, Vieux Emosson, EMV, SALAN, etc.

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Table with columns: Code, Station Name, Az, El, SNR, and other parameters. Includes stations like LOR, LOR, LOR, LOR, LOR, etc.

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Table with columns: Code, Station Name, Az, El, SNR, and other parameters. Includes stations like M06C, L05A, I02A, M06K, etc.

Table with columns: BILL, Station Name, Frequency, Power, Phase, and other technical details. Includes stations like Bilibino, Songino Array, Kodiak Island, etc.

IS/CJB 19 15:39:08.8: 1.8, 4914N:005:15601E:008, h12km, 11km, mb4.4/35, MS4.2/4, Error ellipse: s-maj=11.2km s-min=6.0km az=85.0

Table with columns: Code, Station Name, Frequency, Power, Phase, and other technical details. Includes stations like Severo-Kuril's, Petropavlovsk, Uglugorsk, etc.

Main table with columns: Station Name, Frequency, Power, Phase, and other technical details. Includes stations like MDJ, YAK, BIL, etc.

Table with columns: Station Name, Frequency, Power, Phase, and other technical details. Includes stations like FINES, OBN, NOA, ANMO, etc.

IDC 19 15:39:22.1: 1.2, 4649N:153.15E, h0km, mb4.0/8, mb1.4/1.9, mb1mx3.9/23, mbtm/4.0/9, ML3.5/1, MS3.8/2, Ms1.3/2, ms1mx3.1/31, Error ellipse: s-maj=34.5km s-min=29.0km az=87.0

Table with columns: Code, Station Name, Frequency, Power, Phase, and other technical details. Includes stations like Nemuro 2, Rausu, etc.

comp=Z,0.6nm,0.5s,mb3.7,baz=30,slow=8.0,SNR=3.2
KEST Kesra 91.93 331 LR LR 16 40 30.6

TRN 19 16:04:54.4, 1806N-6072W, h42km, MD4.0, MD4.4(FDF)
IDC 19 16:04:55.1, 0.6, 1780N-6095W, h0km, mb4.0/1.1
m1 4.3/14, mb1mx4.1/24, mbtmp4.2/14, ML3.4/2, MS3.7/9,
M1 3.8/9, ms1mx3.5/31, Error ellipse: s-maj=17.9km
s-min=12.3km az=96.0
ISCJB 19 16:04:59.5, 1.5, 1780N-003.6, 13W, 0.03, h30km, 11km,
mb4.3/22, MS3.8/7, Error ellipse: s-maj=6.6km
s-min=4.2km az=85.7
RSPR 19 16:05:01.3, 1818N-6112W, h12km, 51km, MD4.6/10,
MD4.6/10
NEIC 19 16:05:01.1, 1.0, 1777N-6105W, h42km, 9km, mb4.5/11,
MD4.6(RSPR), Error ellipse: s-maj=11.0km s-min=5.9km
az=64.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like La Desirade, Saint Francois, Sint Eustatius, etc.

SDV comp=Z, 442nm, 18.8s, baz=98, slow=40
Santo Domingo 12.83 228 Pn 16 08 01.8 +0.6
SDV 0.5nm, 0.3s, baz=354, slow=4.7, SNR=13
Santo Domingo 12.83 228 ePn 16 08 01.8 +0.6
ROSC 18.26 227 LR 16 09 12.9 +0.9
El Rosal 18.26 227 eP 16 09 12.9 +0.9

ROSC comp=Z, 167nm, 20.0s, baz=200, slow=37
El Rosal 18.26 227 eP 16 09 12.9 +0.9
OTAV 18.26 227 eP 16 10 15.0 -2.1
BLA Blacksburg 25.77 323 eP 16 10 29.6 +0.2
TEIG Tepich 25.82 280 P 16 10 28.9 -0.9
WVT Waverly 29.89 313 P 16 11 05.3 -0.9

ATAH comp=Z, 206nm, 20.6s, MS3.8, baz=258, slow=39
Oxford 20.30 309 eP 16 11 08.9 -0.6
SIV 33.56 180 P 16 11 38.4 -0.1
LPAZ 34.56 192 P 16 11 45.2 -2.0
LPAZ comp=Z, 195nm, 18.2s, MS3.9, baz=360, slow=39
LPAZ 34.56 192 P 16 11 45.2 -2.0
SCHO Schefferville 37.24 354 P 16 12 07.8 -2.3

TXAR 40.49 294 P 16 12 35.9 -1.5
SDCO 43.71 302 P 16 13 02.5 -0.4
ANMO 43.71 302 P 16 13 03.0 -0.6
CPUP 44.00 175 P 16 13 03.7 -2.3
CPUP 44.00 175 P 16 13 03.7 -2.3
LPAZ 44.00 175 P 16 13 03.7 -2.3
116A Eloy 47.70 298 P 16 13 36.6 +1.4
WUJAZ 47.77 302 P 16 13 36.6 +0.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Clover Valley, Wells, Hailey, Duckwater, Monument Peak, Hecor, Ludlow, etc.

IDC 19 16:13:18.5, 57.0, 1591S-1740W, h0km, mb3.6/3,
mb1 3.8/3, mb1mx3.6/14, mbtmp3.6/3, Error ellipse:
s-maj=1086.0km s-min=188.5km az=79.0, Tonga
Islands
Code Station Name Az Phase ID Time Res ISC
STKA Stephens Creek 43.25 240 Op ISC 16 21 22.1 +0.4

WRA 49.13 237 P 16 22 08.4 +0.5
ASAR Alice Springs 49.37 252 P 16 22 09.9 +0.2
ISCJB 19 16:15:02.0, 2.3, 4681N-002.042E-002, h4km, 3km, Error
ellipse: s-maj=3.3km s-min=2.2km az=76.7
NEIC 19 16:15:05.4, 4.680N-041E, h3km, ML2.7(LDG), Atter LDG.
CSEM 19 16:15:05.0, 0.0, 4680N-042E, h2km, ML2.7/18, Error
ellipse: s-maj=0.7km s-min=0.5km az=40.0
LDG 19 16:15:05.4, 0.0, 4680N-041E, h3km, Md2.8/1, ML2.7/22,
Error ellipse: s-maj=0.6km s-min=0.4km az=42.0
STR 19 16:15:06.7, 0.7, 4666N-051E, h5km, 1km, Error ellipse:
s-maj=0.0km s-min=0.0km az=1.0
ISC 19 16:15:03.9, 0.3, 4679N-001.041E-002, h12km, 3km, n57,
+086/137, France

MFF 0.43 244 eP 16 15 18.6 +0.6
MFF 0.43 244 eP 16 15 13.7 +1.4
MFF 0.43 244 eP 16 15 18.6 +0.6
MFF 0.43 244 eP 16 15 13.7 +1.4
MFF 0.43 244 eP 16 15 18.6 +0.6
MFF 0.43 244 eP 16 15 13.7 +1.4
MFF 0.43 244 eP 16 15 18.6 +0.6
MFF 0.43 244 eP 16 15 13.7 +1.4

GRR 1.82 332 eP 16 15 38.8 +0.3
GRR 1.82 332 eP 16 15 38.8 +0.3
GRR 1.82 332 eP 16 15 38.8 +0.3
GRR 1.82 332 eP 16 15 38.8 +0.3
LDF 1.84 349 eP 16 15 39.6 +0.4
LDF 1.84 349 eP 16 15 38.8 -0.5
LDF 1.84 349 eP 16 15 39.6 +0.4
LDF 1.84 349 eP 16 15 38.8 -0.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like La Frestale, Saint Agoulin, Avril sur Loir, etc.

SMF 2.36 92 eP 16 15 49.2 -0.4
SMF 2.36 92 eP 16 15 49.2 -0.4
SMF 2.36 92 eP 16 15 49.2 -0.4
SMF 2.36 92 eP 16 15 49.2 -0.4
SMF 2.36 92 eP 16 15 49.2 -0.4
SMF 2.36 92 eP 16 15 49.2 -0.4
SMF 2.36 92 eP 16 15 49.2 -0.4
SMF 2.36 92 eP 16 15 49.2 -0.4

QUIF 2.68 296 eP 16 15 47.4 +0.5
QUIF 2.68 296 eP 16 15 47.4 +0.5
QUIF 2.68 296 eP 16 15 47.4 +0.5
QUIF 2.68 296 eP 16 15 47.4 +0.5
QUIF 2.68 296 eP 16 15 47.4 +0.5
QUIF 2.68 296 eP 16 15 47.4 +0.5
QUIF 2.68 296 eP 16 15 47.4 +0.5
QUIF 2.68 296 eP 16 15 47.4 +0.5

ROSF 2.94 303 ePn 16 15 50.9 +0.5
ROSF 2.94 303 ePn 16 15 50.9 +0.5
ROSF 2.94 303 ePn 16 15 50.9 +0.5
ROSF 2.94 303 ePn 16 15 50.9 +0.5
ROSF 2.94 303 ePn 16 15 50.9 +0.5
ROSF 2.94 303 ePn 16 15 50.9 +0.5
ROSF 2.94 303 ePn 16 15 50.9 +0.5
ROSF 2.94 303 ePn 16 15 50.9 +0.5

IDC 19 16:23:55.0, 2.1, 281S-13012E, h0km, mb3.8/3, mb1 4.1/5,
mb1mx3.8/16, mbtmp3.9/5, ML3.8/2, Error ellipse:
s-maj=131.5km s-min=23.7km az=75
NEIC 19 16:23:57.0, 1.0, 292S-12989E, h10km, mb4.2/2, Error
ellipse: s-maj=47.3km s-min=12.3km az=75.0
ISCJB 19 16:23:59.3, 3.1, 30S-0.1, 1299E.04, h4km, 27km,
mb4.1/3, Error ellipse: s-maj=63.0km s-min=14.0km
az=144.9
ISC 19 16:24:03.4, 3.5, 31S-02-1298E-04, h9km, 32km, n11,
+133/13, mb4.1/3, Seram
Code Station Name Az Phase ID Time Res ISC
FITZ Fitzroy Cross 15.46 195 ePn 16 27 37.3 -0.5
FITZ Fitzroy Cross 15.46 195 ePn 16 27 37.3 -0.5
FITZ Fitzroy Cross 15.46 195 ePn 16 27 37.3 -0.5
FITZ Fitzroy Cross 15.46 195 ePn 16 27 37.3 -0.5

Table of meteorological data for stations 19d and 21h. Columns include station name, coordinates, elevation, and various meteorological parameters like wind speed, direction, and pressure.

Table of meteorological data for stations ARCES through YFT. Columns include station name, coordinates, elevation, and various meteorological parameters like wind speed, direction, and pressure.

Table of meteorological data for stations YFT through ARCES. Columns include station name, coordinates, elevation, and various meteorological parameters like wind speed, direction, and pressure.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SPN Mys Shipunski, NLC Nalytchevo, MKZ Mys Kozlova, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CPN1 Cerro Paranal, ANCH Antofagasta, CEN1 Los Morros, etc.

IDC 19 21:03:08.8±1.6, 1.02N-96.99E, h0km, mb3.8/6, mb1 3.9/7, mb1mx3.7/21, mbmp3.8/7, ML2.6/1, Error ellipse: s-maj=48.4km s-min=20.1km az=56.0

ISCJB 19 21:03:12.1±1.0, 1.1N,01.971E±0.1, h33km, mb3.9/9, MS2.9/1, Error ellipse: s-maj=20.7km s-min=14.1km az=125.8

NEIC 19 21:03:13.6±0.7, 1.09N-97.09E, h30km, mb4.1/3, Error ellipse: s-maj=14.9km s-min=10.0km az=82.0

ISC 19 21:03:14.8±1.0, 1.2N,01.971E±0.1, h35km, n11, ±0.53/11, mb3.9/9, MS2.9/1, Northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSI Prapat, KULM Kulim, KMI Kunming, etc.

IDC 19 21:12:19.5±1.1, 1.17N-97.00E, h0km, mb4.3/10, mb1 4.3/11, mb1mx4.0/23, mbtmp4.3/11, ML3.2/1, MS3.3/2, MS1 3.3/2, ms1mx2.8/21, Error ellipse: s-maj=37.3km s-min=16.6km az=54.0

BUI 19 21:12:22.8, 1.12N-97.43E, h33km, mb4.8, mb4.6, MS4.3, MSz4.1

ISCJB 19 21:12:23.1±0.7, 1.20N-009.971E±0.09, h33km, mb4.4/18, MS3.7/2, Error ellipse: s-maj=15.6km s-min=10.0km az=99.0

NEIC 19 21:12:24.0±0.6, 1.18N-97.08E, h30km, mb4.5/3, Error ellipse: s-maj=15.9km s-min=10.4km az=56.0

ISC 19 21:12:25.8±0.7, 1.24N-009.971E±0.10, h35km, n31, ±0.98/30, mb4.4/18, MS3.7/2, Northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSI Prapat, KULM Kulim, KMI Kunming, etc.

Table with columns: MKAR Makanchi Array, MKAR Makanchi Array B, STKA Stephens Creek, ZAL Zalesovo, etc.

OTT 19 21:15:08.1±4.2, 7.124N-71.32W, h18km, MN2.9/5, 130km northwest from Clyde River, Nu Baffin Island Seismic Zone, Nt. Baffin Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PINU Pond Inlet, GIFFN Gifford Fjord, ILON igloolik, Nuna, etc.

ISCJB 19 21:29:27.3±1.7, 4.05N-008.002E±0.06, h14km, 11km, Error ellipse: s-maj=14.4km s-min=7.3km az=149.8

LDG 19 21:29:27.8±0.1, 4.304N-002E, h10km, Md1.2/2, Error ellipse: s-maj=2.3km s-min=1.1km az=166.0

CSEM 19 21:29:27.8±0.0, 4.304N-002E, h12km, ML2.2, Error ellipse: s-maj=1.3km s-min=0.6km az=166.0

MDD 19 21:29:28.1±0.6, 4.303N-003E, h12km, 4km, mLq0.5/3, Error ellipse: s-maj=4.4km s-min=3.2km az=170.0

STR 19 21:29:28.0±0.0, 4.305N-006W, h2km, 11km, ML2.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 19 21:29:27.7±1.7, 4.304N-009.002E±0.07, h13km, 11km, n9, ±0.06/16, France

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LAFB Labassere, VIEF Vief, EPF Esparrros, etc.

IDC 19 22:14:12.0±5.4, 2.58N-128.86E, h193km, 54km, mb3.3/7, mb1 3.4/7, mb1mx3.3/17, mbtmp3.8/7, Error ellipse: s-maj=46.1km s-min=14.2km az=78.0

ISCJB 19 22:14:14.2±3.8, 2.6N,01.1288E±0.2, h236km, 39km, mb3.5/7, Error ellipse: s-maj=35.0km s-min=13.1km az=132.2

NEIC 19 22:14:14.4±2.7, 2.59N-128.86E, h20km, 27km, mb3.6/1, Error ellipse: s-maj=22.9km s-min=8.9km az=66.0

ISC 19 22:14:14.0±4.2, 2.6N,01.1288E±0.2, h214km, 44km, n13, ±0.68/12, mb3.5/7, Halmahera

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

ISK 19 22:19:28.0, 3.993N-40.77E, h5km, ML4.0

NEIC 19 22:19:28.6, 3.994N-40.78E, h4km, mb3.8/2, ML3.8(ISK), After ISK

ISCJB 19 22:19:29.0±0.2, 3.989N-002.4082E±0.02, h10km, mb3.6/11, MS3.4/7, Error ellipse: s-maj=3.0km s-min=2.4km az=0.9

CSEM 19 22:19:29.5±0.1, 3.993N-40.77E, h10km, mb4.0/7, Error ellipse: s-maj=1.6km s-min=1.6km az=24.0

IDC 19 22:19:30.3±0.9, 3.984N-40.58E, h0km, mb3.8/9, mb1 3.9/14, mb1mx3.8/24, mbtmp3.8/14, ML3.9/4, MS3.3/10, MS1 3.3/10, ms1mx3.1/33, Error ellipse: s-maj=20.2km s-min=11.1km az=4.0

MOS 19 22:19:32.2±2.1, 3.991N-40.68E, h26km, mb3.7/8, Error ellipse: s-maj=8.0km s-min=6.2km az=97.2

ISC 19 22:19:31.1±0.2, 3.987N-002.4083E±0.02, h10km, n105, ±1.38/121, mb3.6/11, MS3.4/7, 3D, Turkey

Table with columns: BZM Erzurum, ERZM Erzurum, ERZC Erzurcan, etc.

Table with columns: PINU Pond Inlet, GIFFN Gifford Fjord, ILON igloolik, Nuna, etc.

Table with columns: KIV Kislovodsk, KOZT Kozan, DIKAM Dikmen, etc.

Table with columns: ALU Alushta, YAL Yalta, SEV Sevastopol, etc.

Table with columns: AKASG Malin Array B, AKASG Malin Array B, AKAB Malin Array Si, etc.

Table with columns: AKTAK Aktyubinsk, AKTO Aktyubinsk, NIE Niedzica, etc.

19D 23h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Esparrhos, IPRE, VSL, SJPF, etc.

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like La Plagne, Saint Martin, Signal de Mont, etc.

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like FINES, OBN, ARCES, etc.

CSEM 19 23:04:32.3, 12.16N-84.66E, h9km, ML4.1, After DHMR
DHMR 19 23:04:32.3-1.6, 12.61N-84.66E, h9km, 7km, ML4.1, 1C-2D,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Aden, At Turbah, LBDJ, etc.

INET 19 23:07:17.1, 11.13N-85.75W, h185km, ML3.1
ISCJB 19 23:07:18.5-1.8, 11.12N-85.75W, h170km, 16km, Error

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SSNN, MADN, CONN, etc.

FVI	Forni Avoltri	1.94 60	Pg	Pn	00 12 33.1 +1.0
TLI	Talmassons	1.96 81f	ePn	Pn	00 12 31.7 -0.5
WILA	Wila	2.01 331	iPn	Pn	00 12 29.6 -3.4
WILA	Wila	2.01 331	iP	Pn	00 12 34.6 +1.6
LKBD	Leukerbad	2.02 292	iPn	Pn	00 12 31.6 -1.5
LKBD	Leukerbad	2.02 292	iP	Pn	00 12 33.6 +0.5
BUA	Buia	2.02 73f	ePn	Sn	00 13 01.8 +2.8
UBR	Ueberruh	2.03 356	iP	Pn	00 12 35.4 +2.2
UBR	Ueberruh	2.03 356	iP	Pn	00 13 03.0 +3.9
BOO	Bordano	2.04 70	iPn	Pn	00 12 33.1 -0.2
ZOU	Zouflan	2.04 63	iPn	Pn	00 12 34.2 +0.7
ZOU	Zouflan	2.04 63	iPn	Pn	00 12 32.8 +0.8
DIX	Grande Dixence	2.08 283	Pg	Pn	00 12 34.7 +0.7
DIX	Grande Dixence	2.08 283	ePn	Pn	00 12 33.4 -0.6
DIX	Grande Dixence	2.08 283	eP	Pn	00 12 33.8 -0.2
WEIN	Weingarten	2.09 334	iPn	Pn	00 12 31.7 -2.4
WEIN	Weingarten	2.09 334	iP	Pn	00 12 35.4 +1.3
ZUR	Zürcher	2.09 325	ePn	Pn	00 12 34.9 +0.5
ZUR	Zürcher	2.09 325	ePn	Pn	00 12 31.9 -2.3
ZUR	Zürcher	2.09 325	eP	Pn	00 12 35.4 +1.2
BAD	Bernadina	2.11 73	iPn	Pn	00 12 34.0 -0.4
BAD	Bernadina	2.11 73	iPn	Pn	00 13 04.7 -1.3
GMNA	Gemona	2.12 72	Pg	Pn	00 12 33.4 -1.1
WIMIS	Wimmis	2.13 299	iPn	Pn	00 12 33.6 -1.1
WIMIS	Wimmis	2.13 299	iP	Pn	00 12 36.3 +1.6
PLRO	Paularo	2.15 65	iPn	Pn	00 12 35.5 +0.6
PLRO	Paularo	2.15 65	iPn	Pn	00 13 04.3 +2.2
COLI	Coloredo	2.18 76	iPn	Pn	00 12 35.5 +0.3
COLI	Coloredo	2.18 76	iPn	Pn	00 13 07.6 +0.6
ROB	Roburent	2.22 233	P	Pn	00 12 36.3 +0.4
RSP	Reno Superiore	2.23 258	P	Pn	00 12 33.8 -2.2
RORO	Reno	2.23 227	P	Pn	00 12 36.7 +0.6
LSD	Ceresole Reale	2.24 266	P	Pn	00 12 36.5 +0.3
STEIN	Stein am Rhein	2.25 334	ePn	Pn	00 12 33.8 -2.5
STEIN	Stein am Rhein	2.25 334	eP	Pn	00 12 37.5 +1.2
FLACH	Flaach	2.27 328	eP	Pn	00 12 37.7 +1.2
ROBS	Robic	2.29 74	ePn	Pn	00 12 36.3 -0.6
ROBS	Robic	2.29 74	ePn	Pn	00 12 33.7 -0.1
ROBS	Robic	2.29 74	ePn	Pn	00 13 09.9 +4.4
ROBS	Robic	2.29 74	ePn	Pn	00 13 11.0 -0.8
MRGE	Morge	2.29 274	Pg	Pn	00 12 37.7 +0.8
DRE	Drenchia	2.37 76	iPn	Pn	00 12 37.6 -0.3
DRE	Drenchia	2.37 76	iPn	Pn	00 13 06.9 -0.6
LSR	Lussari	2.37 69	ePn	Pn	00 12 38.2 +0.3
SULZ	Cheisacher	2.41 321	ePn	Pn	00 12 35.4 -3.2
SULZ	Cheisacher	2.41 321	ePn	Pn	00 12 39.4 +0.8
CADS	Cadgr	2.44 75	ePn	Pn	00 12 38.3 -0.6
CADS	Cadgr	2.44 75	ePn	Pn	00 13 15.4 -1.3
AIGLE	Aigle	2.45 287	iPn	Pn	00 12 37.5 -1.6
AIGLE	Aigle	2.45 287	iPn	Pn	00 12 40.3 +1.2
SLE	Schleitheim	2.46 330	ePn	Pn	00 12 36.3 -2.9
SLE	Schleitheim	2.46 330	ePn	Pn	00 12 33.7 +0.5
BALST	Balsthal	2.48 314	iPn	Pn	00 12 37.7 -1.7
BALST	Balsthal	2.48 314	iPn	Pn	00 12 40.2 +0.8
VOJS	Vojsko	2.51 80	ePn	Pn	00 12 39.2 -0.7
VOJS	Vojsko	2.51 80	ePn	Pn	00 13 16.8 +1.6
LPG	La Plagne	2.52 268	ePn	Pn	00 12 40.5 +0.5
LPG	La Plagne	2.52 268	ePn	Pn	00 13 10.4 -0.8
LPG	La Plagne	2.52 268	ePn	Pn	00 12 40.5 +0.5
LPG	La Plagne	2.52 268	ePn	Pn	00 13 10.4 -0.8
KBA	Koelnbreinsper	2.52 55	ePn	Pn	00 12 41.4 +1.4
KBA	Koelnbreinsper	2.52 55	ePn	Pn	00 13 12.1 +0.8
KBA	Koelnbreinsper	2.52 55	ePn	Pn	00 13 17.5 -1.7
KBA	Koelnbreinsper	2.52 55	ePn	Pn	00 12 41.4 +1.4
KBA	Koelnbreinsper	2.52 55	ePn	Pn	00 13 12.1 +0.8
KBA	Koelnbreinsper	2.52 55	ePn	Pn	00 12 41.4 +1.4
LPL	La Plagne	2.53 268	ePn	Pn	00 12 40.2 0.0
LPL	La Plagne	2.53 268	ePn	Pn	00 13 10.2 -1.3
LPL	La Plagne	2.53 268	ePn	Pn	00 12 40.2 0.0
LPL	La Plagne	2.53 268	ePn	Pn	00 13 10.2 -1.3
GUT	Gutenstein	2.55 341	P	Pn	00 12 41.3 +0.8
GUT	Gutenstein	2.55 341	P	Pn	00 13 12.3 +0.3
STV	Sta Anna Valdi	2.56 238	P	Pn	00 12 39.8 -0.8
PZZ	Pizzo	2.56 244	P	Pn	00 12 38.2 -2.0
FUR	Furtenfeldbru	2.59 14	ePn	Pn	00 12 40.0 +1.0
FUR	Furtenfeldbru	2.59 14	ePn	Pn	00 13 13.8 +0.9
SAOF	Saorge	2.59 231	P	Pn	00 12 42.0 +1.0
TORNY	Torny/Romont	2.59 297	iPn	Pn	00 12 37.7 -3.3
TORNY	Torny/Romont	2.59 297	iPn	Pn	00 12 40.0 +1.0
TORNY	Torny/Romont	2.59 297	iPn	Pn	00 12 42.0 +1.0
IRRL	Cesana Torines	2.61 255	P	Pn	00 12 40.7 -1.2
JAVS	Javornik	2.62 84	ePn	Pn	00 12 40.7 -0.7
JAVS	Javornik	2.62 84	ePn	Pn	00 13 19.6 +5.8
GORS	Gorjuse	2.64 74	ePn	Pn	00 12 41.4 -0.2
GORS	Gorjuse	2.64 74	ePn	Pn	00 13 18.7 +4.6
GORS	Gorjuse	2.64 74	ePn	Pn	00 12 41.9 +0.2
BNI	Bardonecchia	2.65 258	ePn	Pn	00 12 41.9 +0.2
BNI	Bardonecchia	2.65 258	ePn	Pn	00 13 14.6 +0.2
BNI	Bardonecchia	2.65 258	ePn	Pn	00 13 22.3 -0.9
BNI	Bardonecchia	2.65 258	ePn	Pn	00 12 41.9 +0.1
BNI	Bardonecchia	2.65 258	ePn	Pn	00 12 50.6 +1.7
BS	Basel-Blauen	2.66 314	P	Pn	00 12 45.5 +0.6
SPAK	Spaichingen-Ko	2.66 337	P	Pn	00 12 43.1 +1.1
MBDF	Montbardon	2.69 251	ePn	Pn	00 12 41.3 -1.0
MBDF	Montbardon	2.69 251	ePn	Pn	00 13 14.0 -1.3
MBDF	Montbardon	2.69 251	ePn	Pn	00 13 14.0 -1.3
MBDF	Montbardon	2.69 251	ePn	Pn	00 13 14.0 -1.3
FELD	Feldberg im Sc	2.73 325	iP	Pn	00 12 43.5 +0.5
SBF	Sospel	2.74 230	ePn	Pn	00 12 43.1 +0.1
SBF	Sospel	2.74 230	ePn	Pn	00 13 15.3 -1.3
SBF	Sospel	2.74 230	ePn	Pn	00 12 43.1 +0.1
SBF	Sospel	2.74 230	ePn	Pn	00 13 15.3 -1.3
TOUF	Mont Tourmerai	2.74 234	P	Pn	00 12 44.0 +0.9
BOUR	Bourgnon	2.76 310	iPn	Pn	00 12 39.2 -4.1
BOUR	Bourgnon	2.76 310	iPn	Pn	00 12 43.8 +0.5
SURF	Saint Ours	2.76 246	P	Pn	00 12 43.0 -0.3
KIZ	Kirchzarten	2.83 325	iP	Pn	00 12 44.6 +0.3
KIZ	Kirchzarten	2.83 325	iP	Pn	00 12 53.1 +0.6
KIZ	Kirchzarten	2.83 325	iP	Pn	00 12 50.1 +1.2
KIZ	Kirchzarten	2.83 325	iP	Pn	00 13 29.6 +0.4
KNDS	Knezji Dol	2.84 95	iPn	Pn	00 12 53.1 +0.6
KNDS	Knezji Dol	2.84 95	iPn	Pn	00 13 19.9 +0.6
KNDS	Knezji Dol	2.84 95	iPn	Pn	00 12 53.1 +0.6
KNDS	Knezji Dol	2.84 95	iPn	Pn	00 12 53.1 +0.6
REVF	Revere	2.86 229	P	Pn	00 12 45.7 +1.1
BUCH	Bad Urach	2.87 347	P	Pn	00 12 45.4 +0.6
BUCH	Bad Urach	2.87 347	P	Pn	00 13 19.5 -0.4
CEY	Cerknica	2.87 87	ePn	Pn	00 12 44.0 -0.8
CEY	Cerknica	2.87 87	ePn	Pn	00 13 18.2 -1.7
HWIF	Mont Vial	2.87 233	P	Pn	00 12 45.7 +0.9
LOMF	Lomont	2.95 306	P	Pn	00 12 46.7 +0.7
LJU	Ljubljana	2.96 81	iPn	Pn	00 12 46.6 +0.6
LJU	Ljubljana	2.96 81	iPn	Pn	00 12 53.4
LJU	Ljubljana	2.96 81	iPn	Pn	00 13 22.1 +0.1
LJU	Ljubljana	2.96 81	iPn	Pn	00 13 11.0 -2.1
GIMEL	St. Georges /	2.96 289	iPn	Pn	00 12 49.9 +0.4
GIMEL	St. Georges /	2.96 289	iPn	Pn	00 12 39.4 -6.7
BRANT	Les Verrieres	2.97 297	iPn	Pn	00 12 46.8 +0.7
BRANT	Les Verrieres	2.97 297	iPn	Pn	00 12 47.5 +0.9
BFO	Black Forest	3.00 334	ePn	Pn	00 12 46.8 +0.7
GMH	Grand Maison	3.00 263	P	Pn	00 12 47.5 +0.9
OBKA	Obir	3.05 72	iPn	Pn	00 12 47.6 +0.2

OBKA	Obir	3.05 72	iPn	Pn	00 13 26.5 +2.1
OBKA	Obir	3.05 72	iPn	Pn	00 12 47.6 +0.2
OBKA	Obir	3.05 72	iPn	Pn	00 13 26.5 +2.1
OBKA	Obir	3.05 72	iPn	Pn	00 12 47.6 +0.2
CABF	La Chapelle	3.10 289	ePn	Pn	00 13 26.5 +2.1
CABF	La Chapelle	3.10 289	ePn	Pn	00 12 48.7 +0.7
CABF	La Chapelle	3.10 289	ePn	Pn	00 13 23.1 -2.5
CABF	La Chapelle	3.10 289	ePn	Pn	00 13 38.8 +1.0
CABF	La Chapelle	3.10 289	ePn	Pn	00 12 48.7 +0.7
CABF	La Chapelle	3.10 289	ePn	Pn	00 13 23.1 -2.5
CABF	La Chapelle	3.10 289	ePn	Pn	00 13 38.8 +1.0
MOF	Molkenrain	3.10 316	P	Pn	00 12 48.7 +0.6
LIBD	Limburg	3.12 324	P	Pn	00 12 49.5 +1.3
VISS	Visn	3.16 86	Pn	Pn	00 12 48.5 -0.3
LBG	Lerchenberg	3.18 341	P	Pn	00 13 25.9 -1.0
HINF	Hinteralfeld	3.22 313	ePn	Pn	00 12 49.7 +0.6
HINF	Hinteralfeld	3.22 313	ePn	Pn	00 13 27.1 -0.5
HINF	Hinteralfeld	3.22 313	ePn	Pn	00 12 49.7 +0.6
HINF	Hinteralfeld	3.22 313	ePn	Pn	00 13 27.1 -0.5
HINF	Hinteralfeld	3.22 313	ePn	Pn	00 12 49.7 +0.6
HINF	Hinteralfeld	3.22 313	ePn	Pn	00 13 27.1 -0.5
ORIF	Oris-en-Rattie	3.23 258	ePn	Pn	00 13 25.4 -3.1
ORIF	Oris-en-Rattie	3.23 258	ePn	Pn	00 13 41.7 0.0
ORIF	Oris-en-Rattie	3.23 258	ePn	Pn	00 12 49.7 -0.1
ORIF	Oris-en-Rattie	3.23 258	ePn	Pn	00 13 27.4 -1.3
GRN	Greenoble	3.26 264	P	Pn	00 12 51.7 +1.6
PGF	Pioggiola	3.26 198	ePn	Pn	00 12 50.2 +0.1
PGF	Pioggiola	3.26 198	ePn	Pn	00 13 27.5 -1.9
PGF	Pioggiola	3.26 198	ePn	Pn	00 12 50.2 +0.1
PGF	Pioggiola	3.26 198	ePn	Pn	00 13 27.5 -1.9
PGF	Pioggiola	3.26 198	ePn	Pn	00 12 50.2 +0.1
PGF	Pioggiola	3.26 198	ePn	Pn	00 13 27.5 -1.9
PDKS	Podkum	3.28 81	ePn	Pn	00 12 50.7 +0.2
ECH	Echery	3.36 321	P	Pn	00 12 52.2 +0.7
SEH	Sehesteden	3.37 233	ePn	Pn	00 12 51.7 0.0
FRF	La Foret Royal	3.37 233	ePn	Pn	00 12 51.7 0.0
FRF	La Foret Royal	3.37 233	ePn	Pn	00 13 30.4 -1.7
FRF	La Foret Royal	3.37 233			

Table with columns: 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 Antelope Range, Goldstone, Shoshone, etc.

Table with columns: 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 Modoc, Rock Creek Ran, M05C, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Res. Includes detailed station data and error analysis for various stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KIV Kisplovodsk, IMA2 Indian Moutal, OBNS Obninsk, etc.

IDC 20 10:16:54.0-8.654S:15300E, h48km, 64km, mb3.4/3, mb1 3.7/4, mb1mx3.4/15, mbtmp3.8/4, ML3.1/1, Error ellipse: s-maj=91.5km s-min=21.0km az=134.0, North Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, KAKA Kakadu, WRA Warramunga Arr, etc.

CSEM 20 10:36:18.5-0.1, 3704N:2809E, h10km, MD2.9, Error ellipse: s-maj=3.3km s-min=2.6km az=34.0, ATH 20 10:36:18.0, 3708N:2826E, h36km, 2km, MD3.1/3, ISK 20 10:36:18.6, 3702N:2809E, h16km, MD2.9, ISCBJ 20 10:36:19.5-0.5, 3704N:003.2805E:003, h9km, 4km, Error ellipse: s-maj=4.6km s-min=3.8km az=64.7

ISC 20 10:36:19.7-0.5, 3703N:003.2807E:003, h10km, 4km, n17, 692/29, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MLSB Milas, DAT Dacca, BDRM Kayabasi, etc.

IDC 20 10:43:12.4:10.0, 4207S:8175E, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.6/14, mbtmp3.7/3, Error ellipse: s-maj=329.9km s-min=31.0km az=136.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAW Mawson, ASAR Alice Springs, WRA Warramunga Arr, etc.

ISCJB 20 10:45:48.9:1.3, 1347S:007.768W:0.1, h46km, 12km, mb4.3/16, Error ellipse: s-maj=21.0km s-min=7.0km az=121.9, NEIC 20 10:45:50.7:1.0, 1339S:7670W, h43km, 9km, mb4.7/6, Error ellipse: s-maj=13.8km s-min=5.7km az=63.0, NEIC Felt [III] at Chinchala And Pisco.

IDC 20 10:45:51.1:1.7, 1345S:7676W, h47km, 15km, mb4.0/11, Error ellipse: s-maj=13.8km s-min=5.7km az=63.0

mb1 4.2/16, mb1mx4.1/22, mbtmp4.2/16, ML4.3/3, Error ellipse: s-maj=29.0km s-min=9.5km az=68.0, ISC 20 10:45:50.6:1.1, 1345S:006.768W:0.1, h41km, 10km, n40, s100/39, mb4.3/16, Near coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NNA Nana, NNA Nana, NNA Nana, etc.

NEIC 20 10:48:23.1, 3964S:17433E, h188km, MG4.2(WEL), After WEL, WEL 20 10:48:23.2:0.4, 3963S:17433E, h187km, 3km, ML4.2/3, 3C-1D, Error ellipse: s-maj=2.7km s-min=1.6km az=92.0, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAEZ Rainy Point, RAEZ Rainy Point, NEZ North Egmont, etc.

ISC 20 10:48:57.8:0.1, 1350S:002.7667W:0.02, h34km, h34km, 9km, pp-P, n1182, c099/973, mb5.8/182, MS6.6/232, 277C-22AD, Near coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NNA Nana, NNA Nana, NNA Nana, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PAWZ Paruwai Farm, PXZ Pawanui, TRWZ Traveller, etc.

ISCJB 20 10:48:55.4:0.1, 1349S:002.7677W:0.02, h32km, mb5.8/182, MS6.6/232, Error ellipse: s-maj=3.8km s-min=2.4km az=95.1, NEIC 20 10:48:56.0:0.1, 1346S:7668W, h23km, mb5.9/148, ME6.5, MS6.6/170, MW6.6, MD6.5(GQ), ML6.2(LIM), Error ellipse: s-maj=2.7km s-min=2.7km az=53.0, Moment Tensor Solution. s77 Moment tensor: Scale 10^19Nm; Mn:0.0; M0:0.0; M90:0.0; M0:0.0; M90:0.0; M90:0.0; M90:0.0; Best double couple: M1:0.00000; 10^19; NP1:177.00000; 0.74, 0.00000; 1.9, 0.00000; NP2:356.00000; 316.00000; 1.89, 0.00000; Principal axes: T:1.0000, P:1.0000, P:1.0000; Azm87.0000; N:0.0000, P:0.0000; Azm357.0000; P: -1.0200, P:0.0000, Azm267.0000; Broadband fault plane solution: P waves. NP1:355.00000; 615.00000; 1.90, 0.00000; NP2:175.00000; 875.00000; 1.90, 0.00000; Principal axes: T: P:0.00000; Azm85.00000; N: P:0.00000; Azm0.00000; P: P:0.00000; Azm265.00000; Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.

NEIC Minor damage [IV] to some houses at Pisco. Felt [IV] at Chinchala And Lima. Felt at Chacacayo, Chosica, Ica, Ica Imperial, Pachacamac and San Luis. Also felt at Guayaquil, Ecuador.

MOS 20 10:48:56.7:1.9, 1334S:7670W, h23km, mb6.1/87, Error ellipse: s-maj=12.4km s-min=6.5km az=109.1, GCMT 20 10:48:56.0:0.1, 1346S:7698W, h23km, MW6.7/107, Moment Tensor Solution. s107.c260; s106.c449; Duration: 5s4 Moment tensor: Scale 10^19Nm; Mn:0.69; 0.1; M90:0.07; 0.0; M90:0.61; 0.0; M90:0.27; 0.1; M90:0.28; 0.0; M90:1.13; 0.2; Best double couple: M1:36200x10^19 NP1:362.00000; 0.16, 0.00000; 2.73, 0.00000; NP2:165.00000; 0.74, 0.00000; 1.95, 0.00000; Principal axes: T:1.3470, P:0.00000; Azm65.00000; N:0.00000, P:0.00000; Azm34.00000; Azm34.00000; P:1.3770, P:0.00000; Azm251.00000; nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=50s.

GUC 20 10:48:56.4:2.2, 1338S:7632W, h33km, mb6.0, MS6.6(NEIC), MW6.6(NEIC), BUJ 20 10:48:56.0, 1350S:7670W, h23km, mb6.6, MS6.9, MSz6.8, CRAAG 20 10:48:57.7, 1310S:7679W, Mw6.5, IGLT 20 10:48:59.3, 1343S:7657W, h33km, MS7.0, IDC 20 10:48:59.4:1.2, 1345S:7673W, h50km, 9km, mb5.3/26, mb1 5.3/30, mb1mx5.3/31, mbtmp5.5/30, MS6.7/31, MS1 6.7/31, ms1mx6.6/36, Error ellipse: s-maj=11.5km s-min=6.6km az=81.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NNA Nana, NNA Nana, NNA Nana, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANCH Antofagasta, CPNI Cerro Paranal, SIV San Ignacio, etc.

ISC 20 10:53:12.4:10.0, 4207S:8175E, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.6/14, mbtmp3.7/3, Error ellipse: s-maj=329.9km s-min=31.0km az=136.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAW Mawson, ASAR Alice Springs, WRA Warramunga Arr, etc.

CPUP	S	S	10 57 55.9 +2.6
CPUP	16nm,0.9s,baz=239,slow=8.0,SNR=1.7	LR	11 04 34.1
CPUP	comp-Z,307µm,18.6s,MS6.8,baz=292,slow=42	LR	10 53 50.5 -0.3
CPUP	Villa Florida 22.18 128 eP	P	10 53 50.5 -0.3
CPUP	574nm,1.0s,mb6.0	LR	
CPUP	comp-Z,38µm,19.0s,MS5.8	LR	
UPA	Univ. de Panam 22.51 353 i/P	P	10 53 56.7 +2.4
UPA	baz=169,slow=12	S	
UPA	eS	P	10 58 03.5 +3.8
SDV	Santo Domingo 23.03 15 P	P	10 53 59.9 +0.1
SDV	comp-Z,378nm,1.0s,mb5.8,baz=223,slow=9.5,SNR=41	LR	
SDV	comp-Z,46nm,1.0s,baz=263,slow=17,SNR=2.0	LR	10 58 08.3 +0.2
SDV	comp-Z,366µm,18.6s,MS6.9,baz=334,slow=40	LR	
SDV	Santo Domingo 23.03 15 eP	P	10 53 59.6 -0.2
SDV	comp-Z,611nm,0.9s,mb6.1	LR	
SDV	comp-Z,196µm,19.0s,MS6.6	LR	
CCHI	Chilian 23.37 171 eP	P	10 54 02.7 -0.7
CCHI	comp-Z,2µm,2.3s,mb6.0	AMB	10 54 36.6
LIM1	Limonal 25.50 340 eP	P	10 54 26.1 +3.2
SSNN	San Juan del S 26.25 339 eP	P	10 54 33.6 +3.9
MADN	Villa Maderas 26.26 340 eP	P	10 54 32.1 +2.4
PCRV	Puerto La Cruz 26.38 26 eP	P	10 54 31.6 +0.8
PCRV	comp-Z,198nm,0.9s,mb5.5,baz=204,slow=3.0,SNR=26	S	10 59 04.0 +2.3
PCRV	comp-Z,40nm,1.0s,baz=299,slow=19,SNR=2.0	LR	11 05 52.3
PCRV	comp-Z,700nm,18.8s,MS7.2,baz=205,slow=38	LR	
CONN	Concepcion 26.44 340 eP	P	10 54 35.6 +4.3
APON	Apoyo 26.91 339 eP	P	10 54 39.2 +3.6
MGAN	Managua 27.19 339 eP	P	10 54 41.9 +3.8
TISN	Laguna Tiscapa 27.19 339 eP	P	10 54 40.9 +2.7
XAVN	Gruta Xavier 27.22 339 eP	P	10 54 41.5 +3.1
LPA	La Plata 27.23 145 i/P	P	10 54 39.0 +0.5
LPA	eP	P	10 57 58.0 +0.1
LPA	eS	P	10 59 18.0 +2.9
COPN	Copaltepe 27.34 338 eP	P	10 54 42.0 +2.5
MOMJ	Momotombo 27.54 339 eP	P	10 54 42.6 +1.4
MIRN	Miramar 27.62 338 eP	P	10 54 45.0 +3.0
PLCA	Paso Flores 27.66 170 P	P	10 54 41.8 -0.5
PLCA	comp-Z,119nm,1.0s,mb5.5,baz=343,slow=10,SNR=59	S	10 59 20.0 -1.9
PLCA	comp-Z,9.2nm,1.0s,baz=334,slow=11,SNR=1.6	LR	11 03 35.9
PLCA	comp-Z,83µm,19.2s,MS6.3,baz=334,slow=32	LR	
PLCA	Paso Flores 27.66 170 eP	P	10 54 41.6 -0.7
PLCA	comp-Z,71µm,21.0s,MS6.2	LR	
LEON	Leon 27.67 338 eP	P	10 54 44.2 +1.7
LEON	eP	P	10 54 44.2
CNGN	Cerro Negro 27.68 339 eP	P	10 54 44.3 +1.8
TRQA	Tornquist 27.73 155 eP	P	10 54 42.0 -1.0
TRQA	comp-Z,91µm,19.0s,MS6.4	LR	
BDFB	Brasilia 27.81 98 P	P	10 54 43.5 -0.1
BDFB	comp-Z,166nm,0.9s,mb5.7,baz=273,slow=11,SNR=53	S	10 59 21.5 -2.8
BDFB	comp-Z,43nm,1.0s,baz=157,slow=12,SNR=2.3	LR	11 06 34.9
BDFB	comp-Z,230µm,20.7s,MS6.7,baz=118,slow=38	LR	
BDFB	Brasilia 27.81 98 P	P	10 54 43.6 0.0
BDFB	eP	P	10 59 21.5 -2.8
TPE	Pointe-a-Pierre 28.07 33 eP	P	10 54 48.9 +2.9
TCE	Chacachacare 28.23 32 eP	P	10 54 49.5 +2.1
TRN	Trinidad (W) 28.37 33 eP	P	10 54 49.8 +1.1
TBH	Brigand Hill 28.41 34 eP	P	10 54 52.5 +3.5
TPR	Prospect 29.15 33 eP	P	10 54 57.2 +1.6
TGUH	Tegucigalpa,Un 29.32 339 eP	P	10 54 58.2 +1.1
TGUH	comp-Z,394nm,1.1s,mb6.0	LR	
TGUH	comp-Z,139µm,22.0s,MS6.5	LR	
GRW	Mount Saint Ca 29.52 31 eP	P	10 54 59.5 +0.6
GRHS	Sauteris 29.59 31 eP	P	10 54 59.1 +0.4
GRIC	Isle de Caille 29.66 31 eP	P	10 55 00.7 +0.6
GRCU	Cariacou 29.89 31 eP	P	10 55 02.0 -0.1
PCJ	Portland Cotta 31.04 359 i/P	P	10 55 13.2 +0.9
YHJ	Yallahs 31.19 0 i/P	P	10 55 14.4 +0.7
MCJ	Malvern 31.24 358 i/P	P	10 55 16.5 +2.6
CWJ	Greenwich 31.37 360 i/P	P	10 55 17.9 +2.8
STH	Stony Hill 31.37 360 i/P	P	10 55 16.2 +0.9
CMJ	Castle Moutain 31.43 11 eP	P	10 55 17.2 +1.4
BBGH	Gun Hill 31.43 33 eP	P	10 55 17.4 +1.6
BBGH	comp-Z,2µm,1.0s,mb6.8	LR	
CVJ	Coleyville 31.53 358 i/P	P	10 55 17.8 +1.1
BNJ	Bonny Gate 31.62 359 i/P	P	10 55 18.1 +0.7
BIM	Bigot 31.83 30 eP	P	10 55 16.1 -3.2
FDJ	Fort de France 31.98 29 i/P	P	10 55 17.9 +2.8
MPR	Mayaguez 32.88 17 eP	P	10 55 28.6 +0.2
LZG	Guadaloupe-1 32.92 27 eP	P	10 55 27.3 -1.5
SJG	San Juan 33.08 19 eP	P	10 55 29.4 -0.8
SJG	comp-Z,164nm,0.8s,mb6.0	LR	
SPJ	comp-Z,123µm,19.0s,MS6.6	LR	
CGD	Cerro La Pandu 33.08 19 eP	P	10 55 28.8 -1.4
HUMP	Col San Antonio 33.20 19 eP	P	10 55 30.1 -1.2
MTP	Monte Pirata 33.25 20 eP	P	10 55 30.3 -1.4
RCC	Rio Carpintero 33.29 2 eP	P	10 55 32.6 +0.5
RCC	baz=191	S	11 00 42.2 -8.0
RCC	comp-N,3µm,19.1s	e	
RCC	comp-E,3.1µm,20.2s	e	
CCIG	Comitan 33.30 332 i/P	P	10 55 30.4 -1.8
CBYP	Canovanas 33.32 19 eP	P	10 55 31.2 -1.1
LMGC	Mas Mercedes 33.35 359 eP	P	10 55 33.9 +1.3
RPN	Rapa Nui 33.38 241 eP	P	10 55 33.9 +1.0
RPN	comp-E,16nm,0.3s,mb5.4,baz=338,slow=10,SNR=1.9	LR	11 05 17.7
RPN	comp-E,161µm,21.6s,MS6.7,baz=64,slow=29	LR	
RPN	Rapa Nui 33.38 241 eP	P	10 55 32.6 -0.2
RPN	eP	P	10 55 51.3 +8.5
RPN	LR		
DEG	La Desirade 33.40 28 eP	P	10 55 30.4 -2.6
MASC	Masc 33.55 4 eP	P	10 55 38.5 +1.5
MASC	comp-N,46nm,14.6s	ScP	11 01 58.2 +1.9
MASC	comp-E,3.1nm,5.5s	e	
CAM4	Nova Friburgo 33.56 110 i/P	P	10 55 34.7 +0.3
CAM4	i/P	P	10 55 40.3
CAM4	i/P	P	10 55 47.0 +2.7
CAM4	i/P	P	10 55 50.1
BPA	Boggy Peak 33.69 26 eP	P	10 55 34.3 -1.2
MOAC	Moa 33.98 3 eP	P	10 55 39.5 +1.4
MOAC	comp-N,38µm,16.3s	eS	11 00 57.4 -3.5
MOAC	comp-E,39µm,17.4s	e	
HLGC	Holgoin 34.18 1 eP	P	10 55 41.2 +1.4
CPB	Codrington 34.23 26 eP	P	10 55 39.0 -1.3
HUGJ	Huasteco 34.86 326 i/P	P	10 55 45.9 +0.1
CAM3	Guarapari 35.23 107 i/P	P	10 55 48.8 0.0
CAM3	i/P	P	10 55 56.4 -2.4
CAM3	i/P	P	10 56 02.3
CAM3	i/P	P	10 56 13.1
CMIG	Matias Romero 35.32 329 i/P	P	10 55 49.9 +0.3
TEIG	Tepich 35.40 341 eP	P	10 55 50.4 +0.1
TEIG	comp-Z,91µm,22.0s,MS6.5	LR	
VHO	Vista Hermosa 36.27 326 i/P	P	10 56 01.4 +3.7
PNIG	Pinotepa 36.49 324 i/P	P	10 55 03.1 +3.4
SOR	Soria 36.59 350 eP	P	10 56 08.9 -1.6
SOR	baz=172	eS	11 01 37.9 -3.1
SOR	comp-N,3.5nm,4.8s	e	
SOR	comp-E,3.4nm,4.8s	e	
CAIG	El Cayaco 38.27 322 i/P	P	10 56 15.1 +0.4
LVIG	Laguna Verde 38.31 329 eP	P	10 56 13.8 -1.3
PLIG	Platanillo 38.87 324 eP	P	10 56 23.5 +3.7
PPM	Popocatepetl 38.92 326 eP	P	10 56 20.6 +0.4
YAIG	Yautepac 39.00 325 i/P	P	10 56 21.3 +0.5
ZIIG	Zihuatenejo 39.42 321 i/P	P	10 56 23.3 -1.1
UNM	Universidad Na 39.44 325 i/P	P	10 56 29.0 +4.5
RCBR	Riachuelo 40.85 83 PFAKE	LR	10 56 50.0 +1.4
RCBR	LR	LR	

MOIG	Morelia 40.86 323 i/P	P	10 56 40.0 +3.7
EFI	East Falkland 40.93 162 i/P	P	10 56 36.7 -0.2
EFI	East Falkland 40.93 162 eP	P	10 56 37.1 +0.3
EFI	eP	P	10 56 47.8 +0.8
DWPF	Disney 41.62 354 eP	P	10 56 43.4 +0.9
DWPF	comp-Z,113nm,0.7s,mb5.6	LR	
USHA	Ushuaia 41.74 173 P	P	10 56 44.4 +0.9
USHA	comp-Z,124nm,0.9s,mb5.5,baz=287,slow=4.9,SNR=23	LR	11 11 18.1
CJM	Chamela 43.08 319 eP	P	10 56 57.0 +2.6
ZAIG	Zacatecas 44.08 325 i/P	P	10 57 00.5 -2.0
HKT	Hockley 46.98 337 eP	P	10 57 25.2 -0.2
HKT	comp-Z,740nm,1.9s,mb6.3	pmax	
HKT	Hockley 46.98 337 eP	P	10 57 25.0 -0.4
HKT	comp-Z,736nm,1.9s,mb6.3	LR	
HKT	comp-Z,35µm,19.0s,MS6.3	LR	
BBSR	BB Station 47.02 14 eP	P	10 57 25.2 -0.5
BBSR	comp-Z,214nm,1.1s,mb6.0	LR	
BBSR	comp-Z,45µm,20.0s,MS6.4	LR	
NATX	Nacogdoches 48.19 339 eP	P	10 57 35.1 +0.2
NATX	eP	P	10 57 44.2 -0.8
NATX	comp-Z,28µm,22.0s,MS6.2	LR	
CNNC	Cliffs of the 48.48 359 eP	P	10 57 36.1 -1.0
CNNC	comp-Z,81nm,0.6s,mb5.9	LR	
JCT	Junction City 49.06 333 eP	P	10 57 42.2 +0.7
JCT	University of 49.23 350 eP	P	10 57 42.2 +0.7
JCT	Junction City 49.06 333 eP	P	10 57 51.6 -0.2
JCT	comp-Z,23µm,20.0s,MS6.2	LR	
SWET	Seaweed 49.23 350 eP	P	10 57 41.4 -1.4
CPCT	Cooper Cave 49.24 352 eP	P	10 57 41.8 -1.1
OXF	Oxford 49.25 346 eP	P	10 57 41.5 -1.5
OXF	eP	P	10 57 41.7 -1.5
OXF	Oxford 49.25 346 eP	P	10 57 41.5 -1.5
OXF	eP	P	10 57 41.7 -1.5
PLAL	Pickwick Lake 49.41 348 eP	P	10 57 42.3 -1.9
PLAL	eP	P	10 57 52.6 -1.8
PLAL	comp-Z,45µm,19.0s,MS6.5	LR	
TXAR	Lajitas Array 49.93 329 P	P	10 57 47.6 -0.5
TXAR	comp-Z,7.7nm,0.7s,mb4.8,baz=148,slow=7.6,SNR=25	LR	11 17 47.3
TXAR	comp-Z,109µm,18.2s,MS6.9,baz=350,slow=35	LR	11 28 38.0
TXAR	PKPPK	P	
TZTN	Tazewell 50.19 353 eP	P	10 57 49.0 -1.1
TZTN	eP	P	10 57 59.4 -1.0
TZTN	comp-Z,84µm,19.0s,MS6.8	LR	
UALR	University of 50.26 343 eP	P	10 57 49.3 -1.4
UALR	comp-Z,166nm,1.0s,mb6.0	LR	
WJLV	Waverly 50.47 348 PFAKE	P	10 58 00.7 -0.2
WJLV	comp-Z,36µm,20.0s,MS6.4	LR	10 58 00.0 +7.8
HBAR	Harrisburg 50.55 345 eP	P	10 57 50.8 -2.1
BLA	Blacksburg 50.56 356 eP	P	10 57 52.0 -0.9
BLA	Blacksburg 50.56 356 eP	P	10 57 51.7 -1.2
BLA	comp-Z,165nm,0.9s,mb6.8	LR	
BLA	comp-Z,100µm,22.0s,MS6.8	LR	
ULMT	Prospectdale 50.60 356 eP	P	10 57 52.0 -1.2
ULMT	University of 50.89 347 eP	P	10 57 54.2 -1.1
ULMT	comp-Z,218nm,0.9s,mb6.1	LR	
UTMT	Glass 50.91 347 eP	P	10 58 07.4 -1.0
GLAT	GLAT 50.95 356 eP	P	10 57 54.0 -1.6
GLAT	Forest Hill 50.95 356 eP	P	10 58 05.0 -0.8
PVMO	Portageville 51.14 346 eP	P	10 57 54.1 -1.7
PVMO	comp-Z,169nm,0.3s,mb6.5	LR	10 57 55.5 -1.8
PARMO	Parma 51.39 347 eP	P	10 57 57.4 -1.7
HOPE	Hope Point 51.42 151 P	P	10 57 59.9 +0.6
HOPE	comp-Z,21µm,0.9s,mb6.8,SNR=13	LR	
HOPE	Hope Point 51.42 151 eP	P	10 57 59.9 +0.6
HOPE	comp-Z,257nm,1.0s,mb6.1	LR	
HOPE	comp-Z,161µm,21.0s,MS6.0	LR	
CBN	Corbin 51.43 359 eP	P	10 57 58.9 -0.6
CBN	comp-Z,66µm,19.0s,MS6.7	LR	
PMSA	Palmer Station 51.95 173 P	P	10 58 04.1 +0.8
PMSA	comp-Z,118nm,1.1s,mb5.8,baz=19,slow=8.9,SNR=3.7	LR	11 18 59.3
PMSA	comp-Z,19µm,18.9s,MS6.2,baz=350,slow=35	LR	
PMSA	Palmer Station 51.95 173 eP	P	10 58 03.1 -0.2
PMSA	comp-Z,165nm,1.1s,mb5.9	LR	
PMSA	comp-Z,21µm,19.0s,MS6.2	LR	
USIN	University of 52.22 349 eP	P	10 58

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Table with columns for station name, frequency, power, and other technical details. Includes stations like MONP, BARC, ECSD, W13A, W13A, IRM, 109C, PFO, PFO, BELC, W12A, BBRC, HEC, HEC, SCI, SRU, U12A, TUQ, V11A, V11A, ASCN, CCUT, BFSC, FMP, RRR, MSU, MVU, SHPR, ARUT, ARUT, TMUT, U11A, MWC, GSC, GSC, GSC, RWW, SHOC, DECC, DECC, SNCC, SNCC, EDW2, EDW2, BLG, LRM, LRM, TAOE, TAOE, OSI, OSI, MPU, MPU, BVC, BVC, FURC, FURC, DAU.

Table with columns for station name, frequency, power, and other technical details. Includes stations like DAU, RSSD, NLU, MPMC, MPMC, EYMN, EYMN, ARVC, ARVC, DAC, SBC, SBC, ISA, ISA, ISA, CTU, CTU, DUG, DUG, DUG, DUG, DUG, DUG, DUG, DUG, GRAC, GRAC, PKM, PKM, CWC, CWC, VES, VES, R10A, R10A, Q11A, Q11A, SMMC, SMMC, HWUT, HWUT, S09A, S09A, PDAR, PDAR, PDAR, PDAR, P12A, P12A, TIN, TIN, BGU, BGU, SPUT, SPUT, RCTC, RCTC, TPH, TPH, TPH, AGMN, AGMN, V05C, V05C, R09A, R09A, HELL, HELL, HELL, PTRM, PTRM, S08C, S08C, M11A, M11A, O12A, O12A, N13A, N13A, AHID, AHID, AHID, HANS, HANS, HANS, HANS, V04C, V04C, PKD.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PKD, U05C, Q09A, Q09A, MLAC, MLAC, O11A, O11A, KCC, KCC, T06C, T06C, T06C, R08A, R08A, P10A, P10A, P10A, REDW, REDW, SNOW, SNOW, NVAR, NVAR, N12A, N12A, N12A, U04C, U04C, U04C, LOHW, LOHW, V03C, V03C, V03C, Q08A, Q08A, Q08A, TPAW, TPAW, RRI2, RRI2, P09A, P09A, P09A, R07C, R07C, R07C, MOOW, MOOW, LRV, LRV, DCDI, DCDI, T05C, T05C, T05C, N11A, N11A, N11A, O10A, O10A, O10A, M12A, M12A, M12A, IMW, IMW, S05C, S05C, S05C, FLWY, FLWY, S06C, S06C, S06C, HAST, HAST, HAST, O09A, O09A, O09A, Q07A, Q07A, Q07A, WAKR, WAKR, RLMT, RLMT, RLMT, SAO, SAO, SAO, SAO, LKWKY, LKWKY, LKWKY, LKWKY, P08A, P08A, P08A, PACP, PACP, PACP, M11A, M11A, M11A, YFT, YFT, BMN, BMN, BMN, BMN, BMN, LAO, LAO, LAO, CMB, CMB, CMB, CMB, CMB, CMB.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like CMB, YNR, ULM, etc.

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G06A	Carlson Farm, baz=71, SNR=8.1	70.70 329	↑P	P	11 00 10.3 +0.2
G06A	baz=71		↓S	S	11 09 26.7 +4.7
F07A	Phinny Hill Vi baz=71, SNR=21	70.81 330	↑P	P	11 00 11.5 +0.7
F07A	baz=71		↑S	S	11 09 27.8 +4.5
D09A	Jones Farm, Ri baz=71, SNR=31	70.87 331	↑P	P	11 00 10.9 -0.3
D09A	baz=71		↑S	S	11 09 27.0 +3.0
EGOM	La Gomera comp=Z,5µm,5.3s	70.88 54	↑P	P	11 00 11.5 +0.2
C10A	Spilker Farm, baz=71	70.97 322	↑P	P	11 00 10.9 -0.8
C10A	baz=71		↑S	S	11 09 27.2 +2.1
HAWA	Hanford 70.97 330	eP	LR	LR	11 00 11.6 -0.2
BROR	Big Rock Looko comp=Z,105µm,19.0s,MS7.1	70.97 327	↑P	P	11 00 10.9 -0.9
J02A	Umpqua 70.97 326	↑P	P	P	11 00 11.3 +0.5
J02A	baz=71, SNR=16		↓S	S	11 09 28.2 +2.9
B11A	Sandpoint baz=71, SNR=16	71.01 333	↑P	P	11 00 11.9 -0.1
B11A	baz=71		↓S	S	11 09 27.9 +2.2
G05A	Wamic 71.05 328	↑P	P	P	11 00 12.1 -0.1
G05A	baz=71, SNR=12		↑S	S	11 09 30.8 +4.7
KEBM	Edson Butte 71.07 325	eP	P	P	11 00 13.0 +0.6
A12A	Yaak River Ran 71.08 334	↑P	P	P	11 00 12.4 +0.3
A12A	baz=71		↑S	S	11 09 28.3 +1.8
GBL	Gable Mountain 71.08 330	↑P	P	P	11 00 12.4 -0.1
SNWA	Snively Ranch 71.08 330	↑P	P	P	11 00 13.1 +0.6
K01A	Sixes 71.11 325	↑P	P	P	11 00 13.5 +0.9
K01A	baz=71		↓S	S	11 09 31.1 +4.3
H04A	Detroit Lake 71.11 327	↑P	P	P	11 00 11.8 -0.9
H04A	baz=71, SNR=15		↑S	S	11 09 28.1 +1.2
F06A	Goldendale 71.14 329	↑P	P	P	11 00 13.2 +0.4
F06A	baz=71		↓S	S	11 09 30.3 +3.0
D08A	Wollman Farm, baz=71	71.15 331	↑P	P	11 00 12.6 -0.7
D08A	baz=71		↓S	S	11 09 30.3 +3.0
NEW	Newport 71.21 333	eP	P	P	11 00 12.6 -0.7
NEW	comp=Z,286nm,1.6s,mb6.0		LR	LR	
NEW	comp=Z,43µm,20.0s,MS6.7		LR	LR	
I03A	Eugene 71.22 326	↑P	P	P	11 00 13.1 -0.2
I03A	baz=71, SNR=14		↓S	S	11 09 30.0 +2.0
E07A	Sunnyside 71.24 330	↑P	P	P	11 00 13.3 -0.1
E07A	baz=72, SNR=19		↓S	S	11 09 32.7 +4.4
FFC	Flin Flon 71.26 345	↑P	P	P	11 00 12.1 -1.5
FFC	comp=Z,459nm,1.0s,mb6.4,SNR=17		↓S	S	11 09 32.7 +4.4
HOOD	Mount Hood Mea 71.27 328	eP	P	P	11 00 15.4 +1.8
B10A	Chitwood Farm, baz=72	71.28 333	↑P	P	11 00 13.2 -0.5
B10A	baz=72		↑S	S	11 09 31.7 +2.8
OD2	Odessa Site #2 71.30 331	↑P	P	P	11 00 14.3 +0.5
CCAN	Las Canadas 71.38 54	↑P	P	P	11 00 17.4 +3.1
CCAN	comp=Z,136nm,1.3s,mb5.7		↓S	S	11 09 31.7 +2.8
C09A	Chrisman Ranch, baz=72	71.39 332	↑P	P	11 00 14.2 -0.1
C09A	baz=72		↑S	S	11 09 33.6 +3.5
I02A	Mapleton 71.53 326	↑P	P	P	11 00 15.7 +0.5
I02A	baz=72		↓S	S	11 09 35.0 +3.3
F05A	White Salmon 71.56 329	↑P	P	P	11 00 15.9 +0.5
F05A	baz=72, SNR=7.3		↓S	S	11 09 36.4 +4.3
G04A	Mulino 71.62 328	↑P	P	P	11 00 15.6 -0.2
G04A	baz=72, SNR=13		↓S	S	11 09 34.6 +1.9
COR	Corvallis 71.64 327	↑P	P	P	11 00 16.1 +0.3
COR	baz=72		↓S	S	11 09 36.4 +2.8
COR	comp=Z,850nm,1.6s,mb6.4		eP	pmax	
COR	comp=Z,849nm,1.6s,mb6.4		LR	LR	
H03A	Soap Creek Ran 71.69 327	↑P	P	P	11 00 15.6 -0.5
H03A	baz=72, SNR=9.5		↑S	S	11 09 36.4 +2.8
EBAJ	Bajamar 71.73 54	↑P	P	P	11 00 17.9 +1.5
EBAJ	comp=Z,2µm,3.0s		↓S	S	11 09 38.3 +4.0
C08A	Higginbotham F, baz=72	71.74 331	↑P	P	11 00 17.0 +0.6
C08A	baz=72		↓S	S	11 09 37.4 +3.4
D07A	Quincy 71.75 330	↑P	P	P	11 00 16.7 +0.2
D07A	baz=72, SNR=16		↑S	S	11 09 38.3 +4.0
E06A	Yakima 71.78 329	↑P	P	P	11 00 16.9 +0.2
E06A	baz=72, SNR=7.8		↑S	S	11 09 39.2 +4.6
B09A	Rice 71.79 332	↑P	P	P	11 00 16.5 -0.2
B09A	baz=72, SNR=24		↑S	S	11 09 38.0 +3.3
EBG	Ellensburg 71.84 330	↑P	P	P	11 00 18.0 +1.0
A10A	Northport 71.94 333	↑P	P	P	11 00 17.6 -0.1
A10A	baz=72		↓S	S	11 09 39.2 +2.8
H02A	Toledo 72.07 327	↑P	P	P	11 00 18.9 +0.5
H02A	baz=72		↑S	S	11 09 41.5 +3.6
F04A	Amboy 72.08 328	↑P	P	P	11 00 18.0 -0.5
F04A	baz=72, SNR=21		↑S	S	11 09 41.2 +3.1
WTV	Waterville 72.10 331	↑P	P	P	11 00 19.1 +0.4
G03A	Yamhill 72.11 327	↑P	P	P	11 00 19.6 +0.9
G03A	baz=72		↑S	S	11 09 42.0 +3.6
E0S0	Osorio 72.14 54	↑P	P	P	11 00 20.4 +1.6
E0S0	comp=Z,3µm,2.9s,mb6.7		↓S	S	11 09 43.1 +4.4
C07A	Waterville 72.15 331	↑P	P	P	11 00 19.1 +0.2
C07A	baz=72, SNR=22		↓S	S	11 09 43.1 +4.4
D06A	Cle Elum 72.17 330	↑P	P	P	11 00 19.6 +0.5
D06A	baz=72		↓S	S	11 09 43.5 +4.4
SNA4	Snaae 72.20 161	↑P	P	P	11 00 18.7 -0.5
SNA4	comp=Z,42nm,0.8s,mb5.4,baz=279,slow=6.4,SNR=152		LR	LR	11 32 06.1
A09A	Danville 72.39 332	↑P	P	P	11 00 20.1 -0.3
A09A	baz=73, SNR=29		↓S	S	11 09 44.2 +2.6
RVV	Rose Valley 72.40 328	↑P	P	P	11 00 22.3 +1.9
F03A	Seaside 72.67 328	↑P	P	P	11 00 23.2 +1.2
F03A	baz=73		↓S	S	11 09 48.5 +3.8
E04A	Onalaska 72.69 329	↑P	P	P	11 00 22.3 +0.2
E04A	baz=73		↑S	S	11 09 48.0 +3.1

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B07A	Winthrop 72.72 331	↑P	P	P	11 00 21.9 -0.4
B07A	baz=73, SNR=14		↑S	S	11 09 48.7 +3.3
D05A	Gruelack 72.73 329	↑P	P	P	11 00 21.8 -0.5
D05A	baz=73, SNR=13		↓S	S	11 09 48.1 +2.7
C05A	Toll Reservoir 72.93 330	↑P	P	P	11 00 22.7 -0.9
C05A	baz=73, SNR=7.5		↓S	S	11 09 49.5 +1.8
D04A	Dobbs Creek Ra 73.08 329	↑P	P	P	11 00 24.3 -0.2
D04A	baz=73		↓S	S	11 09 53.4 +4.0
E03A	Lebam 73.08 328	↑P	P	P	11 00 24.6 +0.2
E03A	baz=73		↓S	S	11 09 53.3 +3.8
PMAR	Madeira 73.25 50	eP	P	P	11 00 28.4 +3.0
PMAR	comp=Z,289nm,1.0s,mb2.2		LR	LR	
FCC	Fort Churchill 73.39 351	eP	P	P	11 00 26.1 -0.2
FCC	comp=Z,150nm,1.0s,mb5.9		pmax	pmax	
FCC	Fort Churchill 73.39 351	eP	P	P	11 00 24.6 -1.7
FCC	comp=Z,150nm,1.0s,mb5.9		↓S	S	11 09 54.8 +1.7
B06A	Miamont 74.07 331	↑P	P	P	11 00 25.9 -0.5
B06A	baz=74, SNR=17		↑S	S	11 09 54.8 +1.7
CFTV	Fuenteventura 73.46 55	↑P	P	P	11 00 26.2 -0.4
CFTV	comp=Z,277nm,1.3s,mb5.5		↓S	S	11 09 29.5 +2.5
EDM	Edmonton 73.51 338	eP	P	P	11 00 25.2 -1.7
EDM	Edmonton 73.51 338	eP	P	P	11 00 26.4 -0.7
B05A	Bryant 73.52 330	↑P	P	P	11 00 26.4 -0.7
B05A	baz=74, SNR=22		↓S	S	11 09 56.1 +1.6
D03A	Wishkah Elem. 73.57 329	↑P	P	P	11 00 27.5 +0.1
D03A	baz=74		↑S	S	11 09 60.0 +5.0
C04A	Brinnon 73.58 329	↑P	P	P	11 00 27.2 -0.2
C04A	baz=74, SNR=12		↓S	S	11 09 58.5 +3.4
CMW	Cultus Mountai 73.64 330	↑P	P	P	11 00 27.3 -0.4
MBW	Mount Baker 73.79 331	↑P	P	P	11 00 28.1 -0.5
NLWA	Neilton Lookou 73.81 329	↑P	P	P	11 00 28.8 +0.1
NLWA	comp=Z,275µm,19.0s,MS7.0		LR	LR	
NLWA	Neilton Lookou 73.81 329	↑P	P	P	11 00 28.8 +0.1
NLWA	baz=74, SNR=7.5		↓S	S	11 10 02.1 +4.5
PMPS	Porto Santo 73.83 49	eP	P	P	11 00 30.6 +1.7
PMPS	comp=Z,379nm,1.5s,mb6.1		↓S	S	11 00 29.6 -0.4
A05A	Maple Falls 74.03 331	↑P	P	P	11 00 29.6 -0.4
A05A	baz=74, SNR=18		↓S	S	11 10 02.8 +2.7
VDB	Vedder Mountai 74.06 331	↑P	P	P	11 00 29.6 -0.6
B04A	Port Angeles 74.07 329	↑P	P	P	11 00 31.1 +0.8
B04A	baz=74		↑S	S	11 10 05.4 +4.8
A04A	Legoe Bay, Lum 74.13 330	↑P	P	P	11 00 29.7 -0.9
A04A	baz=74		↓S	S	11 10 04.8 +3.5
EFAM	Famara 74.20 54	↑P	P	P	11 00 32.3 +1.3
EFAM	comp=Z,2µm,2.4s,mb6.7		↓S	S	11 00 33.7 +0.8
C03A	Quituyte Air 74.53 329	↑P	P	P	11 00 33.7 +0.8
C03A	baz=75		↓S	S	11 10 11.5 +5.7
QSPA	South Pole Qui 76.64 180	eP	P	P	11 00 45.0 0.0
QSPA	comp=Z,58nm,1.0s,mb5.5		LR	LR	
MAIT	Maitri 76.83 160	eP	P	P	11 00 46.2 +0.1
NVL	Nizarevskaya 76.87 160	eP	P	P	11 00 46.2 +0.1
NVL	comp=Z,115nm,1.2s,mb5.7		i	i	11 03 40.4
NVL			i	i	11 05 25.0
NVL			i	i	11 10 34.2 +2.6
YKA	Yellowknife Ar 81.33 343	↑P	P	P	11 01 09.1 -1.6
YKA	comp=Z,57nm,0.9s,mb5.5,baz=141,slow=5.5,SNR=46		LR	LR	11 39 40.5
YKA	comp=Z,38µm,20.0s,MS6.8,baz=140,slow=37		LR	LR	
MORF	Marmetele 81.35 48	eP	P	P	11 01 13.0 +2.2
MORF	comp=Z,314nm,1.7s,mb6.0		↓S	S	11 11 26.9 -0.7
MORF	Marmetele 81.35 48	eSKS	SKSac	SKSac	11 29 15.4
MORF	Marmetele 81.35 48	eLR	LR	LR	
YKWS	Yellowknife Ar 81.38 343	eP	P	P	11 01 09.3 -1.6
PTEO	Sao Teotonio 81.39 48	eP	P	P	11 01 13.4 +2.3
PTEO	comp=Z,363nm,1.3s,mb6.2		↓S	S	11 01 13.9 +1.9
LIS	Lisbon 81.57 47	eP	P	P	11 01 13.9 +1.9
LIS	comp=Z,64µm,20.2s,MS7.0		eS	eS	11 23 12.6
LIS			eS	eS	11 22 14.4 +0.8
LIS			AMS	AMS	11 35 57.4
PMAFR	Mafrá 81.58 47	eP	P	P	11 01 15.1 +3.1
PMAFR	Mafrá 81.58 47	eSKS	SKSac	SKSac	11 11 28.8
PMAFR	Mafrá 81.58 47	eLR	LR	LR	11 23 12.6
PMAFR	Mafrá 81.58 47	eLR	LR	LR	11 29 08.3
PLOU	Loures 81.64 47	eP	P	P	11 01 14.3 +1.9
PLOU	comp=Z,506nm,1.1s,mb6.4		↓S	S	11 01 15.1 +0.7
TOAD	Torodi Ar. Sit 82.03 74	eP	P	P	11 01 15.2 +0.8
TORD	Torodi Ar. Bea 82.03 74	eP	P	P	

SJPF	comp=Z,168nm,1.4s,mb5.9	88.79	45	eP	P	11 01 48.3 +0.2
SJPF	Ste Jean				pmax	
SJPF	comp=Z,84nm,1.4s,mb5.9	88.79	45	eP	P	11 01 48.3 +0.2
SJPF	Ste Jean				pmax	
DCN	Comp=Z,84nm,1.4s,mb5.9	88.87	34	eP	P	11 01 45.2 -3.2
SUR	Sutherland	89.06	123	P	SNR=3.6	11 01 50.0 +0.7
SUR	comp=Z,7.5nm,0.8s,mb5.0,baz=344,slow=3.6					11 38 31.1
ETSF	Etsaut	89.18	46	eP	P	11 01 50.1 +0.2
ERTA	Horta de San J	89.18	48	eP	P	11 01 50.3 +0.4
QUIF	Quistinic	89.19	40	eP	P	11 01 49.1 -0.8
DLF	Lyons Farm	89.26	34	eP	P	11 01 47.9 -2.4
ROSF	Rostrene	89.27	40	eP	P	11 01 49.7 -0.6
REYF	Montagne du Re	89.35	45	eP	P	11 01 50.8 +0.1
TSUM	Tsumeb	89.56	110	P	P	11 01 52.4 +0.7
TSUM	comp=Z,40nm,1.0s,mb5.7,baz=226,slow=4.7,SNR=20					11 01 52.1 +0.4
TSUM	Tsumeb				LR	
EBIE	Bielsa	89.60	46	eP	P	11 01 51.1 +0.3
SGMF	Saint Gilles	89.69	40	eP	P	11 01 51.4 -0.9
SGMF	Saint Gilles	89.69	40	eP	pmax	11 01 51.4 -0.9
SGMF	Saint Gilles	89.69	40	eP	P	11 01 51.4 -0.9
EMHD	Djebel Mahouda	89.69	53	P	P	11 01 55.0 +2.7
EPOB	Poilet	89.84	47	eP	P	11 01 53.3 +0.3
EPF	Esparras	89.85	46	eP	P	11 01 53.1 +0.1
EPF	Esparras	89.85	46	eP	pmax	11 01 53.1 +0.1
EPF	Esparras	89.85	46	eP	P	11 01 53.1 +0.1
EMIR	Miracle	90.33	47	P	P	11 01 56.0 +0.8
SALF	Salau	90.35	46	eP	P	11 01 56.0 +0.6
MFF	Saint Martin d	90.67	42	eP	P	11 01 56.0 -0.8
MFF	Saint Martin d	90.67	42	eP	pmax	11 01 56.0 -0.8
MFF	Saint Martin d	90.67	42	eP	P	11 01 56.0 -0.8
DAWF	Dawson	90.70	337	eP	P	11 01 55.5 -1.5
LAFF	La Frestale	90.72	44	eP	P	11 01 56.6 -0.5
LAFF	La Frestale	90.72	44	eP	pmax	11 01 56.6 -0.5
LAFF	La Frestale	90.72	44	eP	P	11 01 56.6 -0.5
MCH1	Michaelchurch	90.75	36	eP	AMS	11 01 57.1 -0.2
GRR	Gorron	90.80	40	eP	P	11 01 56.7 -0.7
GRR	Gorron	90.80	40	eP	pmax	11 01 56.7 -0.7
GRR	Gorron	90.80	40	eP	P	11 01 56.7 -0.7
GALL1	Galloway	90.86	33	eP	AMB	11 01 57.5 -0.3
GALL1	Galloway	90.86	33	eP	P	11 01 57.5 -0.3
GALL1	Galloway	90.86	33	eP	AMB	11 02 02.6
INK	Inuvik	91.00	342	LR	LR	11 47 16.3
INK	Inuvik	91.00	342	LR	P	11 01 57.0 -1.4
INK	Inuvik	91.00	342	LR	eP	11 02 06.6 -2.7
INK	Inuvik	91.00	342	LR	eP	11 02 10.8 -2.5
INK	Inuvik	91.00	342	LR	eP	11 01 57.0 -1.4
HLM1	Long Mynd	91.01	36	eP	P	11 01 57.3 -1.1
KAR1	Arisaig	91.03	31	eP	P	11 01 59.1 +0.4
FLN	La Foliniere	91.16	40	eP	P	11 01 58.4 -0.7
FLN	comp=Z,125nm,1.3s,mb5.8				eMLR	MLR
FLN	La Foliniere	91.16	40	eP	pmax	11 01 58.4 -0.7
FLN	comp=Z,62nm,1.3s,mb5.8				MLR	MLR
FLN	La Foliniere	91.16	40	eP	P	11 01 58.4 -0.7
FLN	comp=Z,28um,23.0s,MS6.6				LR	LR
MTLF	Montlieu	91.25	46	eP	P	11 01 58.9 -0.6
MTLF	Montlieu	91.25	46	eP	pmax	11 01 58.9 -0.6
MTLF	Montlieu	91.25	46	eP	P	11 01 58.9 -0.6
FILF	Fillois	91.26	47	eP	P	11 01 58.9 -0.7
LDF	La Druitiere	91.33	40	eP	P	11 01 59.1 -0.8
LDF	La Druitiere	91.33	40	eP	pmax	11 01 59.1 -0.8
LDF	La Druitiere	91.33	40	eP	P	11 01 59.1 -0.8
KPL	Plockton	91.33	31	P	AMB	11 01 59.9 -0.1
KPL	Plockton	91.33	31	P	AMB	11 02 05.4
KPL	Plockton	91.33	31	P	AMS	11 39 26.5
PGBU	Glenflierbraes	91.34	33	eP	AMS	11 02 00.2 +0.2
PGBU	Glenflierbraes	91.34	33	eP	AMS	11 39 10.3
RJF	Les Rejaudoux	91.36	44	eP	P	11 01 59.4 -0.7
RJF	Les Rejaudoux	91.36	44	eP	eMLR	MLR
RJF	Les Rejaudoux	91.36	44	eP	pmax	11 01 59.4 -0.7
RJF	Les Rejaudoux	91.36	44	eP	MLR	MLR
RJF	Les Rejaudoux	91.36	44	eP	P	11 01 59.4 -0.7
RJF	Les Rejaudoux	91.36	44	eP	LR	LR
KSB	Sheil Bridge	91.40	31	eP	P	11 01 58.8 -1.5
KAC	Achnashellach	91.57	31	eP	P	11 02 00.4 -0.7
CAF	Calviac	91.61	44	eP	P	11 02 00.8 -0.4
CAF	Calviac	91.61	44	eP	pmax	11 02 00.8 -0.4
CAF	Calviac	91.61	44	eP	P	11 02 00.8 -0.4
AFI	Afiamaul	91.65	255	LR	LR	11 34 40.1
AFI	Afiamaul	91.65	255	LR	LR	11 02 10.0 +8.6
EGAK	Eagle	91.72	337	eP	P	11 01 59.9 -1.8
EGAK	Eagle	91.72	337	eP	LR	LR
ECK	Cauldkaime Hil	91.83	33	eP	P	11 02 01.9 -0.3
ESK	Eskdalemuir	91.83	33	eP	AMS	11 02 01.9 -0.4
ESK	Eskdalemuir	91.83	33	eP	AMS	11 39 02.5
ESK	Eskdalemuir	91.83	33	eP	LR	11 02 01.4 -0.9
EKA	Eskdalemuir Ar	91.86	33	P	SNR=18	11 02 01.9 -0.5
SKP1	Kophill	91.93	37	eP	P	11 02 01.8 -1.0
LHO	Holmfirth	91.95	35	eP	P	11 02 02.5 -0.2
DIV	Divide	91.97	333	eP	LR	11 02 01.8 -1.1
TCF	comp=Z,97um,19.0s,MS7.3	92.12	43	eP	P	11 02 02.7 -0.9
TCF	Touix Ste Croi	92.12	43	eP	pmax	11 02 02.7 -0.9
TCF	Touix Ste Croi	92.12	43	eP	P	11 01 50.0 +0.7
TCF	comp=Z,27nm,1.1s,mb5.5	92.12	43	eP	P	11 02 02.7 -0.9
PYM	Petit Puy Mans	92.49	44	eP	P	11 02 05.0 -0.3
LBL	Lubihach	92.51	44	eP	P	11 02 06.2 +0.8
LASF	Ste Croix	92.60	45	eP	P	11 02 04.7 -1.1
BGF	Bois d'Angland	92.62	43	eP	P	11 02 05.1 -0.8
BGF	Bois d'Angland	92.62	43	eP	pmax	11 02 05.1 -0.8
BGF	Bois d'Angland	92.62	43	eP	pmax	11 02 05.1 -0.8
BGF	Bois d'Angland	92.62	43	eP	P	11 02 05.1 -0.8
MCD	Coleburn Disti	92.63	31	eP	P	11 02 05.6 -0.3
AGO	Saint Agoulin	92.65	43	eP	P	11 02 05.8 -0.3
HYF	Saint Saule	92.69	42	eP	P	11 02 04.7 +1.5
PLDF	La Plantade	92.97	44	eP	P	11 02 08.1 +0.6
AVF	Avril sur Loir	93.02	43	eP	P	11 02 06.8 -0.9
AVF	Avril sur Loir	93.02	43	eP	pmax	11 02 06.8 -0.9
AVF	Avril sur Loir	93.02	43	eP	pmax	11 02 06.8 -0.9
AVF	Avril sur Loir	93.02	43	eP	P	11 02 06.8 -0.9
SSF	Saint Saule	93.20	42	eP	P	11 02 07.4 -1.1
SSF	Saint Saule	93.20	42	eP	pmax	11 02 07.4 -1.1
SSF	Saint Saule	93.20	42	eP	pmax	11 02 07.4 -1.1
SMF	Signal de Mont	93.30	43	eP	P	11 02 08.3 -0.7
SMF	Signal de Mont	93.30	43	eP	pmax	11 02 08.3 -0.7
SMF	Signal de Mont	93.30	43	eP	P	11 02 08.3 -0.7
VIVF	Vivif	93.37	45	eP	P	11 02 09.4 0.0
VIVF	Vivif	93.37	45	eP	pmax	11 02 09.4 0.0
VIVF	Vivif	93.37	45	eP	pmax	11 02 09.4 0.0
VIVF	Vivif	93.37	45	eP	P	11 02 09.4 0.0
LOR	Lormes	93.48	42	eP	P	11 02 08.9 -1.0
LOR	Lormes	93.48	42	eP	eMLR	MLR
LOR	Lormes	93.48	42	eP	pmax	11 02 08.9 -1.0
LOR	Lormes	93.48	42	eP	MLR	MLR
LOR	Lormes	93.48	42	eP	P	11 02 08.9 -1.0
PMR	Palmer	93.64	333	eP	ePP	11 02 10.6 0.0
PMR	Palmer	93.64	333	eP	pmax	11 02 21.9 +0.4
PMR	Palmer	93.64	333	eP	pmax	11 02 09.5 -1.1
PMR	Palmer	93.64	333	eP	LR	LR
SLKM	Skilak Lake	93.74	332	eP	P	11 02 12.9 +1.8
SLKM	Skilak Lake	93.74	332	eP	P	11 02 11.5 +0.5
SMRF	Simiane la Rot	93.77	46	eP	P	11 02 10.3 -0.9
BOSA	Boshof	93.80	120	P	P	11 02 11.8 +0.5
BOSA	Boshof	93.80	120	eP	P	11 42 29.4
BOSA	Boshof	93.80	120	eP	P	11 02 11.8 +0.5
BOSA	Boshof	93.80	120	eP	LR	LR
BOSA	Boshof	93.80	120	eP	LR	LR
KDAK	Kodiak Island	93.96	329	LR	LR	11 43 53.2
KDAK	Kodiak Island	93.96	329	LR	LR	11 02 20.0 +8.0
MAW	Mawson	93.98	166	P	P	11 02 11.3 -0.9
MAW	Mawson	93.98	166	P	LR	LR
MAW	Mawson	93.98	166	P	LR	LR
MAW	Mawson	93.98	166	P	pmax	11 41 12.5
MAW	Mawson	93.98	166	P	pmax	11 02 11.0 -1.1
MAW	Mawson	93.98	166	eP	P	11 02 10.8 -1.4
MAW	Mawson	93.98	166	eP	LR	LR
ORIF	Oris-en-Rattie	94.22	45	eP	P	11 02 13.5 +0.3
ORIF	Oris-en-Rattie	94.22	45	eP	eMLR	MLR
ORIF	Oris-en-Rattie	94.22	45	eP	pmax	11 02 13.5 +0.3
ORIF	Oris-en-Rattie	94.22	45	eP	P	11 02 13.5 +0.3
ORIF	Oris-en-Rattie	94.22	45	eP	P	11 02 13.5 +0.3
LMR	La Moure	94.26	47	eP	P	11 02 13.3 -0.1
LMR	La Moure	94.26	47	eP	pmax	11 02 13.3 -0.1
LMR	La Moure	94.26	47	eP	P	11 02 13.3 -0.1
COLA	College	94.34	336	i/P	P	11 02 13.1 -0.7
COLA	College	94.34	336	i/P	P	11 02 12.3 -1.5
COLA	College	94.34	336	i/P	LR	LR
MCK	McKinley	94.35	335	eP	P	11 02 12.7 -1.2
MCK	McKinley	94.35	335	eP	LR	LR
FRF	La Foret Royal	94.41	46	eP	P	11 02 13.8 -0.3
FRF	La Foret Royal	94.41	46	eP	pmax	11 02 13.8 -0.3
FRF	La Foret Royal	94.41	46	eP	pmax	11 02 13.8 -0.3
FRF	La Foret Royal	94.41	46	eP	P	11 02 13.8 -0.3
FRF	La Foret Royal	94.41	46	eP	P	11 02 13.8 -0.3
BAIF	Baives	94.47	40	eP	P	11 02 13.5 -0.9
KEST	Keসা	94.58	55	eP	P	11 02 15.2 +0.3
KEST	Keসা	94.58	55	eP	LR	LR
KEST	Keসা	94.58	55	eP	LR	LR
MEZF	Maizieres J'vi	94.59	41	eP	P	11 02 14.2 -0.7
SNZO	South Karori	94.68	226	PFAKE	P	11 02 30.0 +1.5
CABF	La Chapelle	94.78	43	eP	P	11 02 15.4 -0.4
CABF	La Chapelle	94.78	43	eP	pmax	11 02 15.4 -0.4
CABF	La Chapelle	94.78	43	eP	P	11 02 15.4 -0.4
CABF	La Chapelle	94.78	43	eP	pmax	11 02 15.4 -0.4
CABF	La Chapelle	94.78	43	eP	P	11 02 15.4 -0.4
MBDF	Montbardon	94.78	45	eP	P	11 02 15.9 +0.1
MBDF	Montbardon	94.78	45	eP	pmax	11 02 15.9 +0.1
MBDF	Montbardon	94.78	45	eP	pmax	11 02 15.9 +0.1
MBDF	Montbardon	94.78	45	eP	P	11 02 15.9 +0.1
MBDF	Montbardon	94.78	45	eP	P	11 02 15.9 +0.1
BNI	Bardonecchia	94.80	45	eP	P	11 02 16.8 +0.9
GIVF	Givet	94.86	40	eP	P	11 02 15.5 -0.7
LPL	La Plagne	94.95	45	eP	P	11 02 17.0 +0.4
LPL	La Plagne	94.95	45	eP	pmax	11 02 17.0 +0.4

MOL	ePP	PP	11 06 34.8	-3.9	BRG	SKS	SKS	11 23 27.0	+8.0	ZST	comp-Z,26um,19.7s,MS6.8	LR	LR						
MOL	eSKS		11 13 10.0		BRG	S	Sdfif	11 14 24.0	+6.5	TNA	Tin City	102.69	335	PFAKE	LR	LR	11 03 00.0	+8.7	
MOL	AMS	AMS	11 14 02.3		BRG	PS	PS	11 15 51.0	-0.6	TNA									
MOX	comp-Z,27um,21.4s,MS6.7				BRG	SS	SS	11 20 25.0	-5.0	comp-Z,15um,20.0s,MS6.5	Kingsbay	102.88	11	eP	Pdfif			11 02 55.5	+3.3
MOX	99.22	40	ePdiff	P	11 02 35.8	-0.1								ePP	PP			11 07 05.1	-1.3
MOX	99.22	40	eP	P	11 02 36.5	+0.6								i	AMS	AMS		11 16 48.0	-1.3
MOX			ePP	PP	11 06 07.0	-3.2												11 52 04.2	
MOX			eS		11 13 20.0														
MOX			eLO	LR	11 30 52.0														
MOX			LR	LR															
FVI	comp-Z,19um,18.0s,MS6.6				BRG	comp-E,10um,21.2s													
MANZ	Forni Avoltri	99.29	44	P	P	11 02 36.2	0.0												
ROTZ	Manzenberg	99.42	41	ePdiff	P	11 02 37.1	+0.3												
KONO	Rotzenmuhle	99.45	41	ePdiff	P	11 02 37.2	+0.3												
KONO	Kongsberg	99.65	31	eP	Pdfif	11 02 35.7	-2.1												
KONO			ePP	PP	11 06 36.3	-5.7													
KONO			e		11 15 42.5														
KONO	Kongsberg	99.65	31	eP	Pdfif	11 02 38.0	+0.2												
KONO	Kongsberg	99.65	31	eP	Pdfif	11 02 35.7	-2.1												
KONO			LR	LR															
PTCC	comp-Z,24um,20.0s,MS6.7				BRG	comp-E,15um,21.2s,MS6.5													
NKC	Patocco-Chiusa	99.65	45	P	Pdfif	11 02 37.2	-0.6												
NKC	Novy Kostel	99.68	41	ePDFif	Pdfif	11 02 41.5	+3.6												
NKC			ePP	PP	11 06 41.3	-0.9													
NKC			eSKS		11 13 20.7														
NKC			eSDIF	S	11 14 19.0	+1.0													
NKC			ex	x	11 16 04.2	+2.8													
NKC			x	x	11 21 16.2														
NKC			AMS	AMS	11 47 10.0														
NKC	comp-Z,32um,20.1s				BRG	comp-E,19um,23.1s,MS6.5													
NKC	Novy Kostel	99.68	41	eP	Pdfif	11 02 41.5	+3.6												
NKC			eS	S	11 04 41.1														
NKC			eS	S	11 14 19.0	+1.0													
NKC	comp-Z,32um,20.1s,MS6.8				BOJS	Bojanci	100.82	46	eP	Pdfif	11 02 43.2	+0.2							
NKC	Novy Kostel	99.68	41	ePdiff	Pdfif	11 02 41.5	+3.6												
NKC			ePP	PP	11 06 41.3	-0.9													
NKC			eSKS		11 13 20.7														
NKC			eSDif	S	11 14 19.0	+1.0													
NKC			eSP	SP	11 16 04.2	+2.8													
NKC			eSS	SS	11 21 16.2	+1.6													
NKC			eSDif	Pdfif	11 02 38.4	+0.3													
NKC			eS	S	11 02 37.4	-0.8													
NKC			iP	Pdfif	11 02 38.1	-0.1													
TANN	Tannenbergestha	99.72	40	ePdiff	Pdfif	11 02 38.6	+0.2												
ROBS	Robie	99.73	45	eP	Pdfif	11 02 40.0	+1.5												
KBA	Koelnbreinsper	99.75	44	iP	Pdfif	11 02 37.4	-0.8												
WET	Wetzell	99.78	42	ePdiff	Pdfif	11 02 38.6	+0.2												
MIR	Mirnyy	99.81	176	eP	Pdfif	11 02 40.0	+1.5												
MIR			e		11 02 37.4	-0.8													
MIR			ePS	S	11 14 10.0	0.0													
MIR			ePmax	Pmax															
MIR	comp-Z,2um,12.0s				MLR	MLR													
MIR	comp-N,12um,18.0s,MS6.5				MLR	MLR													
MIR	comp-E,6um,18.0s,MS6.5				MLR	MLR													
MIR	comp-Z,23um,18.0s,MS6.7				MLR	MLR													
VOY	Vojsko	99.96	45	eP	Pdfif	11 02 39.2	0.0												
CLL	Colim	100.20	40	eP	Pdfif	11 02 41.5	+1.3												
CLL			ePP	PP	11 06 46.4	+0.3													
CLL			eSKS	SKS	11 13 22.8	+6.4													
CLL			eSDif	Sdfif	11 14 08.3	+2.3													
CLL			e(PPS)	SS	11 16 19.9														
CLL			eSS	SS	11 21 18.2	+1.1													
CLL			eSSS		11 25 03.8														
CLL			eLR	LR	11 37 32.0														
CLL			eL		11 44 41.7														
CLL	comp-Z,35um,22.0s				NSS	Namsos	101.48	26	eP	Pdfif	11 02 47.0	+1.9							
CLL	Colim	100.20	40	ePdiff	Pdfif	11 02 41.0	+0.8												
CLL			eSKS		11 13 23.0														
CLL			eSDif	Sdfif	11 14 08.0	-5.1													
CLL			LR	LR															
CLL	comp-Z,32um,23.2s,MS6.8				TREC	Trest	101.49	42	ePdiff	Pdfif	11 02 45.0	-1.0							
CLL	Colim	100.20	40	ePdiff	Pdfif	11 02 41.0	+0.8												
CLL			ePdiffp	PP	11 02 43.0														
CLL	comp-Z,3um,20.7s				TREC	TREC													
CLL			ePmax	Pmax	11 02 48.0														
CLL			eSDif	PP	11 02 53.0														
CLL			ePP	PP	11 06 42.0	-4.1													
CLL	comp-N,900nm,28.5s				TREC	TREC													
CLL			ePP	PP	11 06 42.0	-4.1													
CLL	comp-E,3um,22.2s				TREC	TREC													
CLL			ePP	PP	11 06 42.0	-4.1													
CLL	comp-Z,5um,23.0s				TREC	TREC													
CLL			eSKS	SKS	11 13 23.0	+6.6													
CLL			eSdfif	Sdfif	11 14 08.0	-5.1													
CLL	comp-N,8um,23.7s				FUNA	Funafuti	101.58	258	PFAKE	LR	LR								
CLL			ePS	PS	11 15 50.0	+4.0													
CLL	comp-E,8um,18.1s				HFS	Hagfors	101.76	31	P	Pdfif	11 02 48.0	+0.8							
CLL	comp-Z,6.0nm,0.4s				BSD	Bornholm Skovb	101.84	36	iP	Pdfif	11 02 46.6	-1.0							
CLL			ePKKPbc	PKKPbc	11 18 58.0	+0.6													
CLL			eSS	SS	11 21 19.0	+1.1													
CLL			eSSS		11 25 03.0														
CLL			ePKPPKDF	PP	11 27 16.0														
CLL			ePDFif	Pdfif	11 02 41.1	+0.7													
CLL			ePP	PP	11 06 44.4	-2.0													
CLL			eSKS	SKS	11 13 20.6														
CLL			eSDIF	Sdfif	11 14 15.4	+2.0													
CLL			ePS	PS	11 15 53.2	+6.8													
CLL			ex	x	11 21 25.6														
CLL			AMS	AMS	11 49 50.0														
CLL	comp-Z,27um,18.6s				BSD	Bornholm Skovb	101.84	36	iP	Pdfif	11 02 46.6	-1.0							
GER2	GERESS Array S	100.27	42	ePdiff	Pdfif	11 02 40.5	0.0												
GER2	GERESS Array S	100.27	42	P	Pdfif	11 02 41.1	+0.6												
GERES	GERESS Array B	100.27	42	P	Pdfif	11 02 41.2	+0.6												
GERES	comp-Z,4.8nm,0.9s,baz=242,slow=2.9,SNR=16				BSD	Bornholm Skovb	101.84	36	iP	Pdfif	11 02 46.6	-1.0							
CASY	Casey	100.27	183	eP	Pdfif	11 06 47.2	+0.5												
CASY	comp-Z,1.8nm,0.7s,baz=238,slow=5.6,SNR=4.2				BSD	Bornholm Skovb	101.84	36	iP	Pdfif	11 02 46.6	-1.0							
LSZ	Lusaka	100.37	108	PFAKE	LR	LR													
LJU	Ljubljana	100.40																	

20d 11h

Table with columns: Station, Name, Time, Res, and various status indicators. Includes stations like DDI, HHC, BTG, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various status indicators. Includes stations like CAL, AGT, IMP, etc.

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Table with columns: Station, Name, Time, Res, and various status indicators. Includes stations like COLA, KDAK, CLNS, etc.

baz=43	baz=48, SNR=5.2	baz=52	
C10A Spiker Farm, 43.38 72 ↑P P	M08A Happy Creek Ra 47.66 79 P P	VES Vestal, Richgr 51.74 84 ↓P P	11 23 39.0 -0.6
baz=43	baz=48, SNR=8.7	baz=52	
HAWA Hanford 43.39 75 eP P	SUTB Sutter Butte 47.75 83 ↑P P	CWC Cottonwood Cre 51.74 82 ↓P P	11 23 39.8 +0.2
comp=Z,27nm,1.4s,mb4.8		baz=52	
G05A Wamic 43.39 77 ↓P P	OCHM Honcut 47.81 83 eP P	NLU North Lily Mtn 51.82 75 eP P	11 23 39.8 -0.4
baz=43	HLID Hailey 47.91 74 eP P	NLU 51.82 74 eP P	11 23 43.8 -1.7
H04A Detroit Lake 43.39 79 ↑P P	HLID Hailey 47.91 74 eP P	DAU Daniels Canyon 51.84 74 eP P	11 23 40.9 +0.6
baz=43	comp=Z,5.0nm,0.9s,mb4.5	DAC Darwin (Calif) 52.11 82 eP P	11 23 41.9 -0.4
I03A Eugene 43.40 80 ↑P P	HLID Hailey 47.91 74 eP P	DAC Darwin (Calif) 52.11 82 eP P	11 23 47.7 0.0
baz=43	baz=48, SNR=7.8	comp=Z,8.0nm,1.4s,mb4.5	
D09A Jones Farm, Ri 43.47 73 ↑P P	BEKR Beckwourth 47.94 82 ↓P P	DAU Daniels Canyon 51.84 74 eP P	11 23 41.9 -0.4
baz=43	baz=48	comp=Z,8.3nm,1.4s,mb4.5	
F07A Phinny Hill Vi 43.57 76 ↑P P	O06A Flakpan 47.96 81 P P	DAC Darwin (Calif) 52.11 82 eP P	11 23 47.7 0.0
baz=43	baz=48, SNR=8.8	PKM Peak Mountain 52.14 85 ↓P P	11 23 42.9 +0.4
B12A Libby 43.70 70 ↑P P	WMQ Urumqi 48.12 287 eP P	ISA Isabella 52.17 83 ↑P P	11 23 43.3 +0.4
baz=44	WMQ XP pP	RSSD Black Hills 52.21 66 eP P	11 23 42.6 -0.5
G06A Carlson Farm, 43.72 77 ↓P P	WMQ AP pP	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=44	WMQ PFP pP	comp=Z,22nm,1.1s,mb5.0	
H05A Madras 43.88 78 ↑P P	WMQ S S	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=44	WMQ SCS	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
E09A Wood Farm, Sta 43.95 74 ↓P P	WMQ AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=44, SNR=13	comp=Z,14nm,1.2s,mb4.9	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
J03A Ideyld Park 44.00 80 ↑P P	WMQ AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=44	comp=Z,227nm,5.9s	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
WALA Waterton Lakes 44.04 68 eP P	WMQ LR LR	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
comp=Z,21nm,0.9s,mb4.9	comp=N,1µm,17.9s,MS5.1	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
WALA 44.15 76 eP P	WMQ LR LR	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
G07A Ruggs Ranch, H 44.15 76 eP P	WMQ LR LR	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=44	comp=E,1µm,18.6s,MS5.1	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
F08A Pendleton 44.18 75 ↑P P	WMQ LR LR	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=44, SNR=5.2	comp=Z,1µm,23.8s	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
H06A Lindquist Farm 44.23 77 ↑P P	M09A Marrel Ranch, 48.12 78 ↑P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=44, SNR=10	baz=48	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
B13A Whitefish 44.28 69 P P	N08A GE Springer Mi 48.30 79 P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=44, SNR=18	baz=48, SNR=7.4	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
C12A Trout Creek 44.31 71 ↓P P	P06A Stead Airport, 48.31 81 ↑P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=44, SNR=6.5	baz=48	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
G08A Pilot Rock 44.47 76 ↑P P	MKAR Makenchi Aray 48.32 294 P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=44	comp=Z,1.9nm,0.7s,mb4.2,baz=15,slow=5.0,SNR=5.6	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
BSMT Bassoo Peak 44.52 70 P P	QLMT Earthquake Lak 48.32 70 eP P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
HUMO Hull Mountain 44.58 81 ↓P P	O07A Toulon 48.42 80 ↑P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=44	baz=48, SNR=5.1	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
F09A S2 Ranch, Elgi 44.66 74 ↑P P	M10A LL Ranch, Tu 48.48 77 ↑P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=44	baz=48	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
H07A Lands Inn, Kim 44.71 77 ↓P P	N09A Rock Creek Ran 48.56 78 P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=45, SNR=8.6	baz=48, SNR=6.1	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
C13A Hot Springs 44.74 70 ↓P P	BVAR Borovoye Array 48.56 307 P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=45, SNR=12	comp=Z,3.9nm,0.6s,mb5.0,baz=39,slow=9.6,SNR=10	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
F10A Beach Ranch, E 44.78 74 P P	LAVA Lava Cap Winer 48.62 83 P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=45, SNR=7.2	baz=48, SNR=8.1	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
I06A Prineville 44.89 78 ↑P P	WCN Washoe City 48.67 82 ↓P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=45	baz=48	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
J05A Fort Rock 44.89 79 ↑P P	BDM Black Diamond 48.71 84 ↓P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=45, SNR=7.7	baz=48	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
I07A Ize 45.12 77 ↓P P	DGMT Dagmar 48.77 62 eP P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=45	comp=Z,7.7nm,0.7s,mb5.2	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
H08A Prairie City 45.19 76 ↑P P	M11A Hollander Ranch, 48.91 77 ↓P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=45, SNR=11	baz=48	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
D13A Huson 45.23 71 P P	R05C Kirkwood Meado 48.92 82 ↑P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=45, SNR=7.0	baz=48, SNR=6.3	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
YBH Yreka Blue Hor 45.37 82 ↑P P	O09A Fish Creek Ran 49.22 79 P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=45, SNR=6.3	baz=48, SNR=12	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
L04A Klamath Falls 45.42 81 ↑P P	S04C Ingram Canyon, 49.33 84 ↑P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=45	baz=49	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
J06A Christmas Vall 45.44 78 ↑P P	M12A Wells 49.36 76 P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=45, SNR=15	baz=49, SNR=7.2	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
Summer Lake 45.48 79 ↑P P	C12B Columbia Colle 49.36 83 ↑P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=45, SNR=5.7	baz=49	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
H05A Durkee 45.55 75 P P	N11A Elko Archery C 49.41 77 ↑P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=45, SNR=5.8	baz=49	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
BMO Blue Mountains 45.58 75 eP P	O10A Cortez Mining, 49.46 78 ↓P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
comp=Z,21nm,1.1s,mb5.0	baz=49	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
BMO Missoula 45.66 70 eP P	TPAW Teton Pass 49.58 71 eP P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
comp=Z,23nm,1.5s,mb4.9	comp=Z,19nm,1.0s,mb5.1	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
D14A Greenough 45.67 70 P P	TPAW Teton Pass 49.58 71 eP P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=46, SNR=23	comp=Z,19nm,1.0s,mb4.9	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
I08A Drewsey 45.69 77 ↑P P	LOHW Long Hollow 49.64 71 eP P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=46, SNR=7.0	comp=Z,13nm,1.0s,mb4.9	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
GTA Gaotai 45.73 274 eP P	LOHW Long Hollow 49.64 71 eP P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
GTA AP pP	N12A Clover Valley, 49.71 76 eP P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
GTA AMB	baz=50, SNR=9.9	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
comp=Z,5.0nm,1.2s,mb4.3	P09A Austin 49.73 79 ↑P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
K06A Valley Falls 45.73 79 ↑P P	PACP Pacheco Peak 49.74 85 ↑P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=46, SNR=6.6	baz=50	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
M04C Macdonel 45.75 81 ↑P P	S06C San Francisco 49.74 83 P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=46	baz=50, SNR=5.8	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
E13A Victor 45.84 71 ↓P P	Q08A Gabbs 49.89 80 ↑P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=46	baz=50	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
WHN Wuhan 45.88 253 eP P	R07C Lee Vining 49.97 82 ↓P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
CHMT Chamberlain Mo 45.92 70 eP P	O11A Cowboy Ranch, 49.98 78 ↑P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
CHMT eP P	baz=50	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LASM Arnica Sink 46.01 81 P P	P10A Eureka 50.00 79 ↓P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
L05A Lakeview 46.03 80 ↓P P	HAST UC Hastings Re 50.10 85 ↓P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=46, SNR=8.0	baz=50	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
I09A Lost Marbles R 46.03 76 ↑P P	N13A Wendover, West 50.10 76 ↑P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=46	baz=50	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
J08A Circle Bar Ran 46.15 77 ↑P P	ARU Arti 50.18 317 ↓P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=46	ARU eS	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
E14A Clinto 46.18 71 ↑P P	ARU eSS	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=46	ARU S	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
K07A Rock Creek Ran 46.29 78 P P	ARU SS	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=46	comp=Z,14nm,1.1s,mb4.9	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
WDC Whiskeytown Da 46.33 83 ↑P P	R08A Mina 50.21 81 ↑P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
baz=46	baz=50	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH Lanzhou 46.38 267 eP P	Q09A Carvers 50.27 80 ↑P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH AP pP	baz=50	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH AMB	O12A Currie 50.31 77 P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH AMB	baz=50, SNR=11	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
comp=Z,29nm,1.2s,mb5.1	P11A Circle Ranch, 50.39 78 ↑P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
comp=Z,115nm,4.5s	KCC Kaiser Creek 50.44 83 ↑P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH Lanzhou 46.38 267 eP P	T06C Millerton Lake 50.50 83 ↑P P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH AP pP	CD2 Chengdu 50.62 263 eP P	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH pmax	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
comp=Z,29nm,1.2s,mb5.1	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH Lanzhou 46.38 267 eP P	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH AP pP	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH pmax	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
comp=Z,29nm,1.2s,mb5.1	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH Lanzhou 46.38 267 eP P	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH AP pP	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH pmax	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
comp=Z,29nm,1.2s,mb5.1	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH Lanzhou 46.38 267 eP P	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH AP pP	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH pmax	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
comp=Z,29nm,1.2s,mb5.1	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH Lanzhou 46.38 267 eP P	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH AP pP	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH pmax	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
comp=Z,29nm,1.2s,mb5.1	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH Lanzhou 46.38 267 eP P	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH AP pP	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH pmax	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
comp=Z,29nm,1.2s,mb5.1	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH Lanzhou 46.38 267 eP P	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH AP pP	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH pmax	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
comp=Z,29nm,1.2s,mb5.1	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH Lanzhou 46.38 267 eP P	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH AP pP	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH pmax	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
comp=Z,29nm,1.2s,mb5.1	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH Lanzhou 46.38 267 eP P	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH AP pP	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH pmax	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
comp=Z,29nm,1.2s,mb5.1	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH Lanzhou 46.38 267 eP P	CD2 AMB	RSSD Black Hills 52.21 66 eP P	11 23 47.5 -0.9
LZH AP pP			

20d 14h

2006 OCT

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like CTA Charters Tower, CTAA Charters Tower, CTAB Charters Tower, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like V04C Ramage Ranch, FARB Farallon Islan, V03C Hunter Liggett, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like HATC Hat Creek Radi, BEKR Beckworth, WCN Waite City, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details for stations like ELZG, MUD, GYOT, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details for stations like KHC, WET, BZS, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details for stations like SSF, AVF, AVF, etc.

JOW	Kunigami	14.72 24	Pn	Pn	14 34 29.2 +1.8
KSM	Kuching	16.30 224	ePn	Pn	14 34 50.3 +2.3
SSE	Sheshan	17.57 359	uP	Pn	14 35 05.8 +1.9
SSE			AP	S	14 35 17.9 +5.8
SSE			S	AMB	14 38 21.8 +3.1
SSE	comp=Z,168nm,1.3s			AMB	
SSE	comp=Z,3um,9.3s			AMB	
SSE	comp=N,5um,18.8s			LR	
SSE	comp=E,14um,18.9s			LR	
SSE	comp=Z,11um,16.7s			LR	
SSE	Sheshan	17.57 359	uP	Pn	14 35 05.8 +1.9
SSE	comp=Z,168nm,1.3s				
SSE			pP	pP	14 35 17.9 +5.8
SSE			sP	sP	14 35 26.7 +1.1
SSE			S	S	14 38 21.7 +3.0
SSE			sS	sS	14 38 48.1 +1.1
SSE			S	S	14 35 13.4 +0.9
WHN	Wuhan	18.27 340	P	S	14 38 44.3 +8.6
WHN			S	LR	
WHN			LR		
KKTK	Khon Kaen	18.34 281	P	Pn	14 35 15.5 +2.1
KAP1	Kappang	18.43 186	Pn	Pn	14 35 16.2 +1.7
NJ2	Nanjing	18.68 353	eP	Pn	14 35 18.0 +0.4
NJ2			AP	pP	14 35 25.8 +1.4
NJ2			XP	sP	14 35 29.9 +2.1
NJ2			PP		14 35 33.0
NJ2			S	S	14 38 43.0 -2.7
NJ2			XS	sS	14 38 56.0 -4.1
NJ2			AMB	AMB	
NJ2	comp=Z,360nm,1.0s			AMB	
NJ2	comp=Z,1um,4.2s			LR	
NJ2	comp=N,17um,12.1s			LR	
NJ2	comp=E,28um,12.7s			LR	
NJ2	comp=Z,58um,16.0s			LR	
GYA	Guiyang	19.05 315	uP	pP	14 35 22.1 +0.1
GYA			AP	pP	14 35 29.8 +1.4
GYA			PP		14 35 38.0
GYA			S	S	14 38 55.4 +0.9
GYA			SS	AMB	14 39 18.6
GYA	comp=Z,290nm,1.6s			LR	
GYA	comp=N,19um,16.4s			LR	
GYA	comp=E,19um,16.7s			LR	
GYA	comp=Z,12um,18.8s			LR	
ENH	Enshi	20.12 328	PFAKE	LR	14 35 40.0 +7.2
ENH			LR		
NST	Nakhon Sawan	20.86 279	P	P	14 35 43.9 +3.1
NST	comp=Z,107nm,0.9s				
KMI	Kunming	21.20 306	P	P	14 35 47.3 +2.9
KMI			AP	pP	14 36 00.8
KMI			PP	S	14 36 11.8
KMI			S	S	14 39 37.1 -1.6
KMI			XS	sS	14 39 57.9 +7.3
KMI			SS	AMB	14 40 11.8
KMI			AMB	AMB	
KMI	comp=Z,109nm,1.5s,mb5.0			AMB	
KMI	comp=Z,3um,5.6s			LR	
KMI	comp=N,14um,14.2s,MS5.6			LR	
KMI	comp=E,9um,14.1s,MS5.6			LR	
KMI	comp=Z,12um,20.8s			LR	
KMI	Kunming	21.20 306	P	P	14 35 47.3 +2.9
KMI			*pP		14 36 00.7
KMI			*SP	sP	14 36 07.8 +1.3
KMI			PPP		14 36 21.5
KMI			S	S	14 39 37.1 -1.6
KMI			SS	sS	14 40 11.7
KMI			SSS	pmax	14 40 27.4
KMI			pmax	pmax	
KMI	comp=Z,109nm,1.5s,mb5.0			MLR	
KMI	comp=Z,12um,20.8s,MS5.2			MLR	
KMI	Kunming	21.20 306	P	P	14 35 47.3 +2.9
KMI	comp=Z,109nm,1.5s,mb5.0				
KMI			pP	pP	14 36 00.7
KMI			sP	sP	14 36 07.8 +1.3
KMI			PP		14 36 11.7
KMI			PPP		14 36 21.5
KMI			S	S	14 39 37.1 -1.6
KMI			sS	sS	14 40 11.7
KMI			SS	SS	14 40 11.7
KMI			SSS	SSS	14 40 27.4
KMI			LR	LR	
NNT	Nongplab	21.29 270	P	P	14 35 50.5 +5.1
KGM	Kluang	21.33 239	P	P	14 35 48.5 +2.6
SNG	Songkhla	21.52 255	P	P	14 36 01.0 +5.7
BDT	Bhumibol Dam	22.08 283	P	P	14 35 56.0 +2.1
IPM	Iph	22.14 248	P	P	14 35 55.5 +0.9
KULM	Kulim	22.16 251	eP	P	14 35 57.2 +2.5
KULM			eP	P	14 36 03.6
CM31	Chiang Mai Arr	22.31 286	eP	P	14 35 57.2 +0.9
CM31	comp=Z,132nm,0.7s,mb5.5			LR	
CM31	comp=Z,6um,20.0s,MS5.0			LR	
CHG	Chiang Mai	22.37 287	uP	P	14 35 57.7 +0.7
CHG	comp=Z,150nm,0.9s,mb5.4			P	
CHTO	Chiang Mai	22.37 287	P	P	14 35 57.5 +0.5
CHTO	SNR=131				
CHTO	Chiang Mai	22.37 287	eP	pmax	14 35 57.4 +0.4
CHTO	comp=Z,480nm,1.5s,mb5.7			pmax	
CHTO	Chiang Mai	22.37 287	eP	P	14 35 57.4 +0.4
CHTO	comp=Z,491nm,1.5s,mb5.7				
CHTO			eP	P	14 36 04.5
TIA	Tai'an	23.01 351	uP	S	14 36 05.3 +1.5
TIA			S	AMB	14 40 14.1 +1.4
TIA			AMB	AMB	
TIA	comp=Z,181nm,1.0s,mb5.5			AMB	
TIA	comp=Z,3um,7.0s			LR	
TIA	comp=N,9um,15.0s,MS5.4			LR	
TIA	comp=E,4um,15.0s,MS5.4			LR	
XAN	Xi'an	23.50 333	P	P	14 36 07.5 -1.3
XAN			AP	S	14 36 23.3
XAN			S	S	14 40 18.6 -1.9
XAN			AMB	AMB	
XAN	comp=Z,56nm,1.3s,mb4.8			AMB	
XAN	comp=Z,3um,9.5s			LR	
XAN	comp=N,14um,15.7s,MS5.6			LR	
XAN	comp=E,12um,16.7s,MS5.6			LR	
XAN	comp=Z,24um,16.2s,MS5.8			P	
CB1J	Chichi jima	23.58 52	P	P	14 36 11.0 +1.4
CB1J	comp=Z,179nm,0.9s,mb5.5,ba2=262,slow=11,SNR=5.1				
CD2	Chengdu	23.89 320	uP	P	14 36 13.0 +0.5
CD2			AP	P	14 36 24.5
CD2			XP	sP	14 36 30.3 +6.6
CD2			PP		14 36 49.0
CD2			PCP	PcP	14 39 57.3 +2.6
CD2			S	S	14 40 22.9 -4.1
CD2			XS	sS	14 40 41.3 +1.3
CD2			SS	SS	14 41 14.3
CD2			SSS	SSS	14 47 15.8 -2.3
CD2			AMB	AMB	
CD2	comp=Z,140nm,1.0s,mb5.3			AMB	
CD2	comp=Z,1um,4.6s			LR	
CD2			LR	LR	

CD2	comp=N,18um,14.4s,MS5.9		LR	LR	
CD2	comp=E,22um,15.0s,MS5.9		LR	LR	
CD2	comp=Z,18um,17.4s,MS5.6		P	P	
INCN	Inchon	24.36 10	P	P	14 36 18.2 +1.5
INCN	SNR=15				
INCN	Inchon	24.36 10	uP	P	14 36 17.4 +0.7
INCN	comp=Z,324nm,1.3s,mb5.6			LR	
INCN	comp=Z,10um,20.0s,MS5.3			P	
PSI	Prapat	24.76 247	P	P	14 36 21.0 +0.7
PSI	comp=Z,50nm,0.7s,mb5.2,ba2=51,slow=5.8,SNR=19			LR	
PSI	comp=Z,4um,18.2s,MS4.9,ba2=76,slow=36			P	
DL2	Dalian	25.36 0	iP	P	14 36 27.0 +1.2
DL2			S	S	14 40 49.5 -0.9
DL2	comp=Z,140nm,0.8s,mb5.5			AMB	
DL2	comp=Z,1um,7.7s			AMB	
DL2	comp=N,7um,16.1s,MS5.3			LR	
DL2	comp=E,2um,13.2s,MS5.3			LR	
DL2	comp=Z,8um,15.6s,MS5.3			LR	
JHJ	Hachio jima 2	25.68 37	P	P	14 36 30.8 +2.1
JHJ	comp=Z,75nm,0.5s,mb5.5,ba2=185,slow=5.1,SNR=5.9			LR	
JHJ	comp=Z,17um,19.2s,MS5.6,ba2=62,slow=33			LR	
BJT	Baijiatsun 2	26.89 351	eP	P	14 36 39.7 +0.1
BJT	comp=Z,424nm,1.2s,mb5.8			LR	
BJT	comp=Z,9um,21.0s,MS5.3			P	
BJI	Beijing	26.91 351	P	pP	14 36 40.0 +0.2
BJI			XP	sP	14 37 01.3 +1.0
BJI			S	S	14 41 16.5 +1.5
BJI			AMB	AMB	
BJI	comp=Z,294nm,1.4s,mb5.6			AMB	
BJI	comp=Z,3um,13.4s			LR	
BJI	comp=N,7um,17.5s,MS5.5			LR	
BJI	comp=E,7um,15.3s,MS5.5			LR	
BJI	comp=Z,9um,34.5s			P	
BJI	Beijing	26.91 351	P	P	14 36 40.0 +0.2
BJI	comp=Z,294nm,1.4s,mb5.6				
BJI			sP	sP	14 37 01.2 +1.0
BJI			S	S	14 41 16.5 +1.5
BJI			sS	sS	14 41 44.9 +1.7
BJI			LR	LR	
MAJO	Matsushiro	27.41 30	eP	P	14 36 42.8 -1.6
MAJO	comp=Z,9um,34.5s,MS5.1				
MAJO	comp=Z,42nm,0.7s,mb5.1			LR	
MAJO	comp=Z,9um,20.0s,MS5.4			LR	
MAT	Matsushiro	27.41 30	P	P	14 36 42.9 -1.4
MAT			S	S	14 41 28.0 +5.1
MJAR	Matsushiro Arr	27.41 30	P	P	14 36 44.1 -0.2
MJAR	comp=Z,32nm,1.1s,mb4.8,ba2=210,slow=8.1,SNR=28				
LZH	Lanzhou	27.60 328	uP	P	14 36 47.4 +1.4
LZH			AP	pP	14 36 54.6 +0.7
LZH			PP	S	14 41 28.0 +2.1
LZH			S	S	14 42 44.5
LZH			SS	SS	14 42 44.5
LZH			AMB	AMB	
LZH	comp=Z,625nm,1.5s,mb6.0			AMB	
LZH	comp=Z,2um,5.0s			AMB	
LZH	comp=N,18um,14.6s			LR	
LZH	comp=Z,28um,18.3s,MS5.9			LR	
LZH	Lanzhou	27.60 328	uP	P	14 36 47.4 +1.4
LZH			*SP	S	14 36 57.6 +0.3
LZH			S	S	14 37 35.3
LZH			S	S	14 41 28.0 +2.1
LZH			SS	SS	14 42 44.5
LZH			pmax	pmax	
LZH	comp=Z,625nm,1.5s,mb6.0			MLR	
LZH	comp=Z,28um,18.3s,MS5.9			MLR	
LZH	Lanzhou	27.60 328	uP	P	14 36 47.4 +1.4
LZH			pP	pP	14 36 54.6 +0.7
LZH			PP	S	14 41 28.0 +2.1
LZH			S	S	14 41 38.0 -1.0
LZH			SS	SS	14 42 44.5
LZH			LR	LR	
KAKA	Katsushiro	28.14 157	eP	P	14 36 50.7 -0.1
KAKA	comp=Z,82nm,0.9s,mb5.4				
PBA	Port Blair	28.18 270	ex	x	14 36 42.9
PBA	comp=Z,262nm,1.5s			x	14 37 01.5
PBA			eS	S	14 41 32.8 -2.3
SNY	Shenyang	28.33 3	uP	P	14 36 52.6 +0.1
SNY			AP	pP	14 37 00.3 -0.2
SNY			XP	sP	14 37 03.6 -0.2
SNY			PP	PP	14 37 43.6 -1.3
SNY			S	S	14 41 36.9 -1.1
SNY			SS	SS	14 43 00.8
SNY	comp=Z,133nm,1.6s,mb5.3			AMB	
SNY	comp=Z,2um,13.7s			AMB	
SNY	comp=N,10um,16.5s			LR	
SNY	comp=Z,12um,17.1s,MS5.5			LR	
HHC	Hu-ho-hao-te	28.67 344	eP	P	14 36 57.3 +1.8
HHC			AP	pP	14 37 08.3 +4.8
HHC			XP	XP	14 37 14.8 +8.0
HHC			PP	sP	14 37 50.3 -1.0
HHC			PCP	PcP	14 40 06.8 +1.0
HHC			S	S	14 41 46.8 +4.1
HHC			XS	sS	14 41 59.4 +3.6
HHC			SS	SS	14 43 10.9 -3.4
HHC			PCS	PcS	14 43 47.8 -0.5
HHC			SCS	ScS	14 47 33.6 -5.0
HHC			AMB	AMB	
HHC	comp=Z,81nm,1.4s,mb5.3			AMB	
HHC	comp=Z,1um,4.4s			AMB	
HHC	comp=N,13um,17.9s,MS5.7			LR	
HHC	comp=E,14um,18.5s,MS5.7			LR	
HHC	comp=Z,14um,14.7s,MS5.7			LR	
BTO	Baotou	28.88 342	eP	S	14 36 57.3 -0.2
BTO			S	S	14 41 41.4 -4.7
BTO	comp=N,3um,12.5s			LR	
BTO	comp=E,6um,18.2s			LR	
SHL	Shillong	30.39 298	eP	P	14 37 09.1 -1.6
SHL			eS	S	14 42 10.3

20d 14h

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Talaya, Nagpur, Charters Tower, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Makanchi Array, Bombay, Kashi, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Toolangi, Vostochnaya, Borovoye Array, etc.

comp=Z,82nm,1.3s,mb5.5	ePP	PP	14 44 55.1 -2.4
PECHORY 71.98 325	eP	P	14 42 22.6 +0.4
PECHORY	eS	S	14 45 10.0
PECHORY	eS	S	14 51 42.0 +0.2
comp=Z,190nm,2.0s,mb5.7	pmax	pmax	
PECHORY	pmax	pmax	
comp=Z,900nm,4.5s	pmax	pmax	
PECHORY	pmax	pmax	
comp=Z,500nm,4.0s	pmax	pmax	
PECHORY	pmax	pmax	
comp=Z,500nm,4.0s	smax	smax	
PECHORY	smax	smax	
comp=N,1µm,10.0s	MLR	MLR	
PECHORY	MLR	MLR	
comp=Z,3µm,18.0s,MS5.6	MLR	MLR	
PECHORY	MLR	MLR	
comp=N,700nm,14.0s,MS5.5	MLR	MLR	
PECHORY	MLR	MLR	
comp=E,2µm,16.0s,MS5.5	ePP	ePP	
ZEI Tsey 71.98 311	eP	P	14 42 21.4 -0.8
ZEI	ePP	ePP	14 42 30.0 -0.8
ZEI	pmax	pmax	
comp=Z,35nm,1.2s,mb5.2	P	P	
ONI 72.32 311	P	P	14 42 25.2 +1.0
HAKTAR 72.37 305	iP	P	14 42 24.5 0.0
RPZ Rata Peaks 72.59 145	iP	P	14 42 26.1 +0.2
comp=Z,1.6nm,0.7s,mb5.0,baz=293,slow=6.7,SNR=7.6	P	P	
KIV Kislovodsk 72.82 312	P	P	14 42 28.5 +1.3
SNR=7.4			
KIV Kislovodsk 72.82 312	iP	P	14 42 27.5 +0.2
SNR=10			
KIV Kislovodsk 72.82 312	eP	P	14 42 26.7 -0.5
comp=Z,44nm,0.9s,mb5.4	pmax	pmax	
KIV Kislovodsk 72.82 312	eP	P	14 42 26.7 -0.5
comp=Z,44nm,0.9s,mb5.4	LR	LR	
KIV Kislovodsk 72.82 312	LR	LR	
comp=Z,1µm,20.0s,MS5.1	P	P	
URZ Urewera 73.09 137	P	P	14 42 30.0 +1.2
comp=Z,5.4nm,0.8s,mb4.5,baz=212,slow=8.3,SNR=24			
VRHR Novokhopersk 73.35 320	eP	P	14 42 30.1 -0.3
comp=E,30nm,0.6s	pmax	pmax	
VRHR	pmax	pmax	
comp=Z,50nm,0.6s,mb5.6	pmax	pmax	
VRHR	pmax	pmax	
comp=N,10.0nm,0.4s	MLR	MLR	
VRHR	MLR	MLR	
comp=Z,2µm,19.0s,MS5.4	MLR	MLR	
VRHR	MLR	MLR	
comp=N,1µm,18.0s	MLR	MLR	
VRHR	MLR	MLR	
comp=E,730nm,12.0s	iP	P	
MARD Mardi 74.71 305	iP	P	14 42 37.8 -0.5
VRSR Storozhevoye 74.88 320	eP	P	14 42 38.9 -0.4
VRSR	e	e	14 45 29.1
VRSR	pmax	pmax	
comp=E,30nm,1.1s	pmax	pmax	
VRSR	pmax	pmax	
comp=Z,30nm,1.1s,mb5.1	pmax	pmax	
VRSR	pmax	pmax	
comp=N,8.0nm,1.2s	pmax	pmax	
VRSR	pmax	pmax	
SVWZ Sparrevohn 74.88 30	eP	P	14 42 41.1 +1.8
MOS Moscow 75.60 325	eP	P	14 42 42.7 +0.7
MOS	e	e	14 44 54.2
MOS	e	e	14 45 36.1
MOS	ePPP	ePPP	14 47 25.2
comp=Z,200nm,1.9s,mb5.7	pmax	pmax	
MOS	pmax	pmax	
comp=Z,75nm,0.9s,mb5.6	MLR	MLR	
MOS	MLR	MLR	
comp=Z,4µm,18.4s,MS5.8	P	P	
IMA2 Indian Moutai 75.68 25	P	P	14 42 44.2 +0.3
ELZG Elazig 76.01 307	iP	P	14 42 45.8 +0.1
OBN Obninsk 76.24 324	eP	P	14 42 46.4 -0.7
OBN	e	e	14 42 52.6 -3.1
OBN	e	e	14 43 00.0
OBN	e	e	14 45 41.0
OBN	ePPP	ePPP	14 47 29.2
OBN	iS	S	14 52 30.0 +0.3
OBN	e	e	14 53 10.3
OBN	iSS	SS	14 57 32.0 +8.4
OBN	pmax	pmax	
comp=Z,70nm,1.3s,mb5.4	MLR	MLR	
OBN Obninsk 76.24 324	eP	P	14 42 46.9 -0.2
comp=Z,18nm,0.4s,mb5.3	eP	P	14 42 52.6 -3.1
OBN	LR	LR	
comp=Z,943nm,20.0s,MS5.1	LR	LR	
ANN Anapa 76.52 313	eS	S	14 42 48.0 -0.7
ANN	eS	S	14 52 29.9 -2.9
ANN	pmax	pmax	
comp=Z,134nm,2.0s,mb5.5	pmax	pmax	
APA Apafity 76.97 337	iP	P	14 42 51.2 0.0
APA	iS	S	14 43 04.7
APA	iS	S	14 52 38.0 +0.2
APA	pmax	pmax	
comp=Z,92nm,1.4s,mb5.5	MLR	MLR	
APA	MLR	MLR	
comp=N,4µm,16.0s,MS6.3	MLR	MLR	
APA	MLR	MLR	
comp=E,10µm,16.0s,MS6.3	MLR	MLR	
GZT Gaziantep 77.25 306	iP	P	14 42 52.2 -0.6
SLKM Skilak Lake 77.53 30	eP	P	14 42 54.6 +0.2
MCK McKinley 78.73 27	eP	P	14 42 56.1 +0.1
MCK	pmax	pmax	
comp=Z,67nm,1.3s,mb5.4	MLR	MLR	
MCK	MLR	MLR	
comp=Z,646nm,20.0s,MS5.0	MLR	MLR	
MCK McKinley 78.73 27	eP	P	14 42 56.1 +0.1
comp=Z,67nm,1.3s,mb5.4	LR	LR	
MCK	LR	LR	
comp=Z,646nm,20.0s,MS5.0	LR	LR	
PMR Palmer 77.96 29	P	P	14 42 56.7 0.0
PMR	pmax	pmax	
comp=Z,26nm,0.9s,mb5.2	eP	P	
PMR Palmer 77.96 29	eP	P	14 42 58.3 +1.6
comp=Z,28nm,1.1s,mb5.1	LR	LR	
PMR	LR	LR	
comp=Z,2µm,23.0s,MS5.2	LR	LR	
COLA College 78.19 26	P	P	14 42 59.1 +1.1
COLA	pmax	pmax	
comp=Z,49nm,1.2s,mb5.3	eP	P	
COLA College 78.19 26	eP	P	14 42 58.7 +0.7
comp=Z,49nm,1.3s,mb5.3	PP	PP	
COLA	PP	PP	14 45 57.6 +2.9
comp=Z,2µm,21.0s,MS5.4	PP	PP	
JOF Joensuu 78.26 332	eP	P	14 42 56.1 -2.3
comp=Z,9.4nm,0.5s,mb5.0	eP	P	
JOF Joensuu 78.26 332	eP	P	14 42 56.1 -2.3
comp=Z,9.0nm,0.5s,mb5.0	pmax	pmax	
BOYT Boyabat 78.76 310	iP	P	14 42 57.9 -3.3
SIM Simleropol' 78.85 314	eP	P	14 43 00.0 -1.6
SIM	eS	S	14 52 56.0 -1.9
SIM	pmax	pmax	
comp=Z,43nm,0.9s,mb5.4	pmax	pmax	
CTKT Corum 78.96 309	iP	P	14 43 00.1 -2.2
KEV Kevo 79.06 339	eP	P	14 43 00.9 -1.9
comp=Z,18nm,0.9s,mb5.0	eP	P	
KEV Kevo 79.06 339	eP	P	14 43 00.9 -1.9
comp=Z,18nm,0.9s,mb5.0	P	P	
AVNT Avonos 79.18 307	iP	P	14 43 02.6 -0.9
CDAG Cicekdag 79.42 308	iP	P	14 43 03.5 -1.2
ARCES ARCESS Array B 79.62 339	P	P	14 43 02.5 -0.6
ARCES	LR	LR	15 22 18.2
comp=Z,5µm,18.1s,MS5.9,baz=60,slow=39			
ARCES ARCESS Array B 79.62 339	LR	LR	14 43 05.2 -0.6
comp=Z,25nm,1.0s,mb5.1,baz=80,slow=6.9,SNR=17			
ARCES	LR	LR	14 43 07.5 +1.7
comp=Z,5µm,18.1s,MS5.9,baz=60,slow=39			
ARCES ARCESS Array B 79.62 339	LR	LR	14 43 05.2 -0.6
comp=Z,25nm,1.0s,mb5.1,baz=80,slow=6.9,SNR=17			
ARCES ARCESS Array B 79.62 339	LR	LR	14 43 05.2 -0.6
comp=Z,143nm,1.0s,mb5.8	e	e	
DIV Daday 79.87 310	iP	P	14 43 17.4 +2.9
BALT Casey 79.92 185	eP	P	14 43 05.8 -1.4
CASY	P	P	14 43 05.8 -1.7

comp=Z,10nm,1.0s,mb4.7	eP	P	
BR131 Keşkin Array S 79.97 308	eP	P	14 43 06.2 -1.5
comp=Z,9.1nm,0.8s,mb4.8	eP	P	
BR131 Keşkin Array B 79.97 308	eP	P	14 43 11.5 +1.9
comp=Z,8.0nm,0.8s,mb4.7,baz=126,slow=4.8,SNR=17	P	P	14 43 07.2 -0.5
BRTR	PP	PP	14 46 10.8 +1.3
comp=Z,3.8nm,1.1s,baz=112,slow=5.5,SNR=4.9	LR	LR	15 25 10.8
BRTR	LR	LR	
comp=Z,1µm,18.9s,MS5.2,baz=253,slow=41			
BRTR Keşkin Array B 79.97 308	P	P	14 43 07.2 -0.5
BRTR	P	P	14 46 10.9
SPB4 Spitsbergen Ar 80.01 348	eP	P	14 43 06.9 -1.1
MENT Mentasta 80.27 28	eP	P	14 43 10.8 +1.2
ANTO Antara 80.58 309	eP	P	14 43 10.4 -0.7
ANTO	pmax	pmax	
comp=Z,20nm,1.0s,mb5.0	eP	P	
ANTO Antara 80.58 309	eP	P	14 43 10.4 -0.6
comp=Z,20nm,1.0s,mb5.0	eP	P	
KAF Kangasniemi 80.68 332	eP	P	14 43 09.2 -2.3
baz=74,slow=4.9			
FAI1 FINES Array S 80.91 331	eP	P	14 43 11.4 -1.4
FINES FINES Array B 80.91 331	eP	P	14 43 11.3 -1.5
comp=Z,7.8nm,0.7s,mb4.7,baz=71,slow=6.1,SNR=20	LR	LR	15 22 40.3
FINES	LR	LR	
comp=Z,4µm,19.0s,MS5.8,baz=258,slow=38			
FINES FINES Array B 80.91 331	LR	LR	14 43 11.3 -1.5
FINES	LR	LR	15 22 40.3
FINES	LR	LR	14 43 12.9 +1.0
EGAK Sivrigovoye 81.02 310	eP	P	14 43 13.8 +0.4
EGAK Eagle 81.02 25	eP	P	14 43 13.8 +0.4
comp=Z,36nm,1.0s,mb5.3	e	e	
EGAK Dumont d'Urville 81.04 173	SS	SS	14 46 22.2
comp=Z,20nm,1.0s,mb5.0	SS	SS	14 58 37.0 +1.2
DRV	SS	SS	15 05 00.0
DRV	SS	SS	15 10 00.0
VSU Vasula 81.17 328	iP	P	14 43 12.5 -1.7
VSU Vasula 81.17 328	iP	P	14 43 12.6 -1.6
AKASG Malin Array Be 81.19 320	P	P	14 43 12.9 -1.4
comp=Z,3.7nm,1.2s,mb5.2,baz=66,slow=5.3,SNR=35	PP	PP	14 46 19.5 -0.3
AKASG	PP	PP	15 22 55.2
comp=Z,3.9nm,1.0s,baz=63,slow=7.6,SNR=3.6	LR	LR	15 22 55.2
AKASG	LR	LR	
comp=Z,2µm,19.1s,MS5.4,baz=75,slow=38			
AKASG Malin Array Be 81.19 320	P	P	14 43 04.9 -9.4
AKASG Malin Array Be 81.19 320	P	P	14 43 13.0 -1.3
AKASG	P	P	14 46 19.5
AKKB Malin Array Si 81.19 320	P	P	14 43 12.5 -1.8
AKKB Malin Array Si 81.19 320	P	P	14 43 10.8 -3.5
MNK Minsk 81.33 324	eP	P	14 43 11.0 -4.0
KDH Kadinhani 81.43 307	iP	P	14 43 12.7 -2.3
TRO Tromso 81.84 340	eP	P	14 43 16.1 -1.6
TRO Tromso 81.84 340	eP	P	14 43 17.2 -0.5
HENT Hendek 81.84 310	iP	P	14 43 16.1 -1.6
DAWY Dawson 81.93 26	eP	P	14 43 18.8 +0.6
ESKT Estkeshir 82.12 309	iP	P	14 43 17.7 +1.5
KIS Kishinev 82.15 316	eP	P	14 43 20.0 +0.6
KIS	e	e	14 46 34.0
KIS	eS	S	14 53 36.0 +3.4
KIS	MLR	MLR	
comp=Z,4µm,20.0s,MS5.8	MLR	MLR	
KIS	MLR	MLR	
comp=N,2µm,16.0s,MS5.8	MLR	MLR	
KIS	MLR	MLR	
KIS	eS	S	14 46 34.0 +6.4
KIS	eS	S	14 53 36.0 +3.4
KIS	LRM	LRM	15 23 25.0
comp=E,2µm,16.0s	pmax	pmax	
MIR Mirnyy 82.52 191	P	P	14 43 23.0 +1.7
MIR	pmax	pmax	
comp=Z,200nm,1.5s,mb5.9	pmax	pmax	
TKTP Teketepete 82.81 307	iP	P	14 43 21.9 -1.0
TIRR Tirgusor 82.94 314	iP	P	14 43 25.1 +1.6
TIRR Tirgusor 82.94 314	iP	P	14 43 25.1 +1.6
GFR Gafar 82.95 307	iP	P	14 43 23.6 -0.1
INK Inuvik 83.02 21	LR	LR	15 27 54.5
comp=Z,1µm,18.8s,MS5.3,baz=283,slow=41			
INK Inuvik 83.02 21	LR	LR	14 43 23.8 -0.1
comp=Z,3µm,1.4s	P	P	
HARR Harsova 83.22 314	P	P	14 43 25.8 +0.9
ULDT Uludag 83.29 310	P	P	14 43 24.2 -1.1
GOLH Golhisar 83.56 307	iP	P	14 43 26.0 -0.7
VRI Vrincioiaia 83.80 316	iP	P	14 43 28.8 +0.9
VRI Vrincioiaia 83.80 316	iP	P	14 43 28.1 +0.2
DNZL Kaciroluk 83.87 307	iP	P	14 43 28.1 +1.3
SUW Suwalki 84.10 324	L		

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

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Table with columns for station code, name, frequency, and signal strength. Includes stations like KMI, KMG, KUN, KUL, etc.

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Table with columns for station code, name, frequency, and signal strength. Includes stations like PMG, MBWA, BOK, COCO, etc.

GNI	comp=Z,0.9nm,0.3s,baz=240,slow=22,SNR=2.1	S	S	17 47 41.8 +3.1
GNI	Garni 71.47 308	UP	P	17 38 23.6 +1.8
GNI	Garni 71.47 308	eP	P	17 38 22.7 +0.9
GNI		ePP	pP	17 38 29.1 -1.3
GNI	comp=Z,159nm,1.4s	pmax	pmax	
GNI	comp=Z,2um,20.0s	MLR	MLR	
GNI	Garni 71.47 308	eP	P	17 38 22.7 +0.9
GNI	comp=Z,159nm,1.4s,mb5.8			
GNI		eP	pP	17 38 29.1 -1.3
GNI		LR	LR	
PECR	comp=Z,2um,20.0s,MSS.3			
PECR	Pechory 72.00 325	eP	P	17 38 24.0 -1.0
PECR		eS	S	17 47 46.0 +1.3
PECR		eS	S	17 47 26.0
PECR	comp=Z,220nm,1.0s,mb6.0	pmax	pmax	
PECR	comp=E,400nm,4.0s	pmax	pmax	
PECR	comp=Z,600nm,4.0s			
PECR	comp=N,900nm,4.4s	smax		
ZEI	Tsey 72.01 311	eP	pP	17 38 24.2 +0.9
ZEI		ePP	pP	17 38 34.0 +0.3
ZEI		e	x	17 41 09.1
BHD	Baghdad 72.17 301	i	x	17 38 26.0
BHD		ex	x	17 47 56.0
BHD		ex	x	17 48 27.0
KIV	Kislovodsk 72.85 312	eP	P	17 38 30.0 -0.1
KIV	comp=N,431nm,1.6s,mb5.1,SNR=8.2			
KIV	Kislovodsk 72.85 312	P	P	17 38 30.4 +0.3
KIV	SNR=23			
KIV	Kislovodsk 72.85 312	eP	P	17 38 29.6 -0.5
KIV	comp=Z,172nm,1.7s,mb5.7	pmax		
KIV	comp=Z,4um,20.0s,MSS.7	MLR	MLR	
KIV	Kislovodsk 72.85 312	eP	P	17 38 29.6 -0.5
KIV	comp=Z,160nm,1.3s,mb5.8	eP	pP	17 38 35.9 -2.8
KIV		LR	LR	
MSL	comp=Z,1um,20.0s,MSS.1			
MSL	Mosul 72.99 137	ex	x	17 38 31.0
MSL		ex	x	17 38 36.0
URZ	Urewera 73.06 137	LR	LR	18 09 56.7
SVW2	Sparrevohn 74.84 30	P	P	17 38 39.6 -2.1
VRSR	Storozhevoye 74.91 320	eP	pmax	17 38 40.5 -1.6
VRSR	comp=Z,10.0nm,1.3s,mb4.6	pmax	pmax	
VRSR	comp=N,7.0nm,1.0s	pmax	pmax	
VRSR		pmax	pmax	
IMA2	Indian Moutai 75.64 25	eP	P	17 38 47.9 +1.6
OBN	Obninsk 76.26 324	eP	P	17 38 48.7 -1.2
OBN		e	pP	17 38 55.0 -3.5
OBN		e		17 38 58.9
OBN		e		17 41 49.0
OBN		i	pmax	17 49 11.9
OBN	comp=Z,156nm,1.6s,mb5.7			
OBN	comp=Z,6um,19.0s,MSS.9	MLR	MLR	
OBN	Obninsk 76.26 324	eP	P	17 38 48.4 -1.5
OBN	comp=Z,166nm,1.4s,mb5.8			
KDAK	comp=Z,2um,19.0s,MSS.3			
KDAK	Kodiak Island 76.49 33	P	P	17 38 49.6 -1.6
KDAK	comp=Z,6.4nm,0.9s,mb4.5,baz=243,slow=4.5,SNR=4.3			
KDAK	comp=Z,6.9nm,1.1s,baz=136,slow=18,SNR=2.1			
KDAK	Kodiak Island 76.49 33	eP	P	17 38 49.0 -2.1
KDAK	comp=Z,45nm,1.0s,mb5.3			
LVZ	Lovozero 76.49 337	eP	P	17 38 55.0 +3.8
LVZ		eS	SS	17 48 29.3 -5.8
LVZ		eSS	SS	17 53 28.0 -2.1
LVZ	comp=Z,83nm,2.1s,mb5.3	pmax	pmax	
LVZ	comp=N,24nm,1.6s	pmax	pmax	
LVZ	comp=E,24nm,1.8s	pmax	pmax	
LVZ	comp=N,340nm,11.1s	smax		
LVZ	comp=Z,331nm,13.9s	smax		
LVZ	comp=E,679nm,14.1s	smax		
LVZ	comp=Z,7um,17.0s,MSS.0	MLR	MLR	
LVZ	comp=N,1um,15.0s,MSS.0	MLR	MLR	
LVZ	comp=Z,83nm,2.1s,mb5.3	MLR	MLR	
ANN	comp=E,6um,19.0s,MSS.0			
ANN	Anapa 76.55 313	eP	P	17 38 52.2 +0.7
ANN		eS	S	17 48 36.9 +1.1
ANN		pmax	pmax	
ANN	comp=Z,69nm,1.2s,mb5.5	MLR	MLR	
ANN	comp=N,4um,24.0s,MSS.7	MLR	MLR	
ANN	comp=E,3um,24.0s,MSS.7	MLR	MLR	
ANN	comp=Z,4um,24.0s,MSS.6	MLR	MLR	
APA	Apatity 76.98 337	eP	P	17 38 53.0 -0.9
APA		e	pP	17 39 02.8 +0.2
APA		i	S	17 48 45.0 +4.5
APA		iSS	SS	17 53 42.0 +4.5
APA		pmax	pmax	
MCK	McKinley 77.79 27	eP	P	17 38 58.7 +0.2
MCK	comp=Z,85nm,1.1s,mb5.6	pmax	pmax	
MCK	comp=Z,896nm,21.0s,MSS.1	MLR	MLR	
MCK	McKinley 77.79 27	eP	P	17 38 58.7 +0.3
MCK	comp=Z,85nm,1.1s,mb5.6	LR	LR	
PMR	comp=Z,896nm,21.0s,MSS.1	MLR	MLR	
PMR	Palmer 77.92 29	eP	pmax	17 38 59.1 -0.1
PMR	comp=Z,42nm,1.0s,mb5.5	pmax	pmax	
PMR	comp=Z,1um,19.0s,MSS.3	MLR	MLR	
PMR	Palmer 77.92 29	eP	P	17 38 59.1 0.0
PMR	comp=Z,42nm,1.0s,mb5.3	LR	LR	
COLA	College 78.14 26	eP	P	17 39 00.8 +0.4
COLA	College 78.14 26	eP	P	17 39 00.1 -0.3
COLA	comp=Z,44nm,1.1s,mb5.3	LR	LR	
COLA	comp=Z,2um,22.0s,MSS.5	LR	LR	
JOF	Joensuu 78.27 332	eP	P	17 38 59.4 -1.7
JOF	comp=Z,11nm,0.6s,mb5.0	pmax	pmax	
JOF	Joensuu 78.27 332	eP	P	17 38 59.4 -1.7
ASF	Jabal al Asfar 78.56 301	LR	LR	18 19 02.4
SIM	Simferopol' 78.88 314	eP	S	17 39 04.0 -0.5
SIM		eS	S	17 49 00.0 -0.9
POHA	Pohakuloa 78.93 72	PFAKE		17 39 20.0 +1.5
POHA	comp=Z,2um,21.0s,MSS.5	LR	LR	
KEV	Kevo 79.07 339	eP	P	17 39 04.7 -0.8
KEV	comp=Z,9.7nm,0.8s,mb4.8	pmax	pmax	
KEV	Kevo 79.07 339	eP	P	17 39 04.7 -0.8
PUL	Pulkovo 79.15 329	eP	P	17 39 01.3 -4.6
PUL	comp=Z,10.0nm,0.8s,mb4.8	pmax	pmax	
PUL	comp=E,360nm,0.9s	pmax	pmax	
PUL	comp=Z,103nm,0.9s,mb5.8	pmax	pmax	
PUL	comp=N,530nm,1.0s	pmax	pmax	
DIV	Divide 79.58 30	eP	P	17 39 09.2 +0.9
DIV	comp=N,234nm,1.3s,mb6.0			

ARCES	ARCES Array B 79.62 339	P	P	17 39 08.9 +0.3
ARCES	comp=N,5.5nm,0.7s,mb4.6,baz=76,slow=6.6,SNR=15			
ARCES		LR	LR	18 18 00.8
AREO	AREO Array B 79.62 339	eP	P	17 39 07.8 -0.7
AREO	comp=N,5um,1.8s,MSS.9,baz=255,slow=38	eP	P	17 39 14.8 -2.5
CASY	Casey 79.94 185	eP	P	17 39 10.5 +0.2
BR131	Keskin Array S 80.00 308	eP	P	17 39 07.9 -2.7
BR131	comp=N,13nm,0.8s,mb4.9	ePP	PP	17 42 24.3 +1.2
BR131		LR	LR	
BRTR	Keskin Array B 80.00 308	P	P	17 39 10.1 -0.5
BRTR	comp=Z,6.0nm,0.8s,mb4.5,baz=112,slow=3.8,SNR=14			
BRTR		PP	PP	17 42 12.9 +0.4
BRTR	comp=Z,0.8nm,0.7s,baz=54,slow=7.4,SNR=3.1	S	S	17 49 15.1 +2.2
BRTR	comp=Z,0.3nm,0.6s,baz=175,slow=32,SNR=2.5	S	S	17 39 10.1 -0.5
BRTR	Keskin Array B 80.00 308	PP	PP	17 42 12.9 +0.4
BRTR		S	S	17 49 15.1 +2.2
SPB4	Spitsbergen Ar 80.01 348	eP	P	17 39 09.5 -1.1
SPB4		eP	pP	17 39 18.4 -0.9
EIL	Eilat 80.62 298	eP	P	17 39 14.3 +0.4
ANTO	Antarktika 80.62 309	P	P	17 39 14.8 +0.9
ANTO	SNR=7.9			
ANTO	Antarktika 80.62 309	iP	P	17 39 17.5 +3.6
ANTO	Antarktika 80.62 309	eP	pmax	17 39 12.5 -1.4
ANTO	comp=Z,124nm,1.7s,mb5.6	pmax	pmax	
ANTO	comp=Z,2um,20.0s,MSS.5	MLR	MLR	
ANTO	Antarktika 80.62 309	eP	P	17 39 12.4 -1.5
ANTO	comp=Z,124nm,1.7s,mb5.6	LR	LR	
KAF	Kangasniemi 80.69 332	eP	P	17 39 13.8 -0.5
KAF	comp=Z,2.2nm,0.8s,mb4.3,baz=75,slow=4.9	eP	P	17 39 13.8 -0.5
KAF	Kangasniemi 80.69 332	eP	pmax	17 39 13.8 -0.5
FIAT	FINES Array B 80.93 331	eP	P	17 39 14.9 -0.6
FIAT	FINES Array B 80.93 331	eP	pP	17 39 21.4 -2.9
FINES	FINES Array B 80.93 331	P	P	17 39 14.3 -1.2
FINES	comp=Z,5.0nm,0.8s,mb4.5,baz=90,slow=4.4,SNR=11			
FINES	comp=Z,1.5nm,0.8s,baz=102,slow=27,SNR=2.7	LR	LR	17 49 19.9 -2.6
FINES		LR	LR	18 16 54.8
FINES	comp=Z,4um,19.4s,MSS.7,baz=254,slow=37	P	P	17 39 14.4 -1.2
FINES	FINES Array B 80.93 331	P	P	17 49 20.0 -2.5
FINES		S	S	17 39 16.6 +0.7
EGAK	Eagle 80.98 25	eP	P	17 39 16.3 +0.1
CSS	Prodromos 81.04 304	eP	P	17 39 22.6 -2.3
CSS	comp=Z,84nm,0.8s,mb5.7	eP	pP	17 42 32.0 +8.2
DRV	Dumont d'Urville 81.05 173	SS	SS	17 54 42.0 +3.4
DRV		R	R	18 01 00.0
DRV		L	L	18 06 00.0
YSU	Vasula 81.19 328	eP	P	17 39 16.1 -0.8
AKASG	Malin Array Be 81.22 320	eP	P	17 39 15.4 +1.8
AKASG	comp=Z,7.5nm,0.9s,mb4.6,baz=66,slow=5.4,SNR=25	PP	PP	17 42 23.9 +1.2
AKASG	comp=Z,1.1nm,0.7s,baz=68,slow=7.6,SNR=3.4	S	S	17 49 26.1 +0.5
AKASG	comp=Z,0.1nm,0.3s,baz=315,slow=24,SNR=2.8	LR	LR	18 21 29.1
AKASG	comp=Z,2um,18.2s,MSS.4,baz=45,slow=40	P	P	17 39 15.4 -1.7
AKASG	Malin Array Be 81.22 320	S	S	17 42 23.9
AKASG		S	S	17 49 23.1 +0.5
AKKB	Malin Array Si 81.22 320	eP	P	17 39 15.7 -1.4
AKKB		ePP	pP	17 39 22.5 -3.4
MNK	Minsk 81.35 324	eP	P	17 39 14.0 -3.8
TRO	Tromso 81.84 340	eP	P	17 39 19.0 -1.4
DAW	Dawson 81.89 286	eP	P	17 39 20.0 +7.8
KIS	Kishinev 82.18 316	eP	P	17 42 39.0
KIS		eS	S	17 49 40.0 +4.5
KIS	Kishinev 82.18 316	ePP	PP	17 42 39.0 +8.4
KIS		eS	S	17 49 40.0 +4.5
KIS		LRM	LRM	18 19 24.0
MIR	Mirnyy 82.55 191	eP	P	17 39 29.0 +4.9
MIR		i		17 39 47.0
MIR		pmax	pmax	
ISP	Isparta 82.74 307	eP	P	17 39 24.6 -0.5
ISP	Isparta 82.74 307	eP	P	17 39 23.4 -1.7
TIRR	Tirgusor 82.97 314	iP	P	17 39 26.3 0.0
INK	Inuvik 82.99 21	eP	P	17 39 26.0 +0.1
INK	comp=Z,14nm,1.0s,mb5.0,baz=292,slow=6.9,SNR=8.0	S	S	17 49 41.6 -2.1
INK	comp=Z,0.4nm,0.3s,baz=186,slow=21,SNR=1.5	LR	LR	18 23 58.3
INK	comp=Z,2um,18.4s,MSS.4,baz=50,slow=41	P	P	17 39 26.5 +0.1
INK	comp=Z,7um,1.7s	eP	P	17 39 23.7 -2.8
CFR	Carcaiu 83.01 315	iP	P	17 39 27.4 -0.1
ISK	Istanbul-Kandi 83.26 314	iP	P	17 39 28.0 -0.7
HARR	Harsova 83.82 316	iP	P	17 39 30.9 +0.2
VRI	Vrincioiaia 83.83 316	iP	P	17 39 31.0 +0.3
VRI	Vrincioiaia 83.83 316	P	P	17 39 32.0 +0.7
PRD	Provadia 83.95 313	eP	P	17 39 31.3 -0.9
SUW	Suwalski 84.12 324	eP	pP	17 39 38.0 +2.0
SUW		eP	pP	17 39 41.4 +0.4
SUW		eS	S	17 49 51.4 -3.8
SUW		L	L	18 19 16.1
SUW	comp=Z,5.9nm,17.9s	P	P	17 39 31.3 -0.9
SUW	Suwalski 84.12 324	eP	pP	17 39 38.0 +2.0
SUW		eP	pP	17 39 41.4 +0.4
SUW		eS	S	17 49 51.4 -3.8
SUW		S	S	17 39 33.3 +0.9
BURAR	Bucovina Array 84.44 318	iP	P	17 39 33.8 -0.1
BURAR	Bucovina Array 84.44 318	P	P	17 39 34.1 +0.3
MLR	Muntele Rosu 84.45 315	P	P	17 39 33.5 -0.4
MLR	comp=Z,2.7nm,0.9s,mb5.4,baz=12,slow=5.3,SNR=12	PP	PP	17 42 49.1 0.0
MLR	comp=Z,9.4nm,1.2s,baz=71,slow=7.5,SNR=3.6	S	S	17 49 56.1 -2.4
MLR	comp=Z,2.5nm,1.2s,baz=238,slow=22,SNR=1.8	LR	LR	18 19 26.5
MLR	comp=Z,12um,19.5s,MSS.3,baz=265,slow=37	P	P	17 39 33.8 -0.1
MLR	Muntele Rosu 84.45 315	iP	P	17 39 34.2 +0.3
MLR	Muntele Rosu 84.45 315	P	P	17 39 33.8 -0.1
RAC	Rarotonga 84.48 113	LR	LR	18 11 12.1
BUR1	Bucovina Array 84.65 314	P	P	17 39 35.8 +0.9
LVV	L'vov 84.67 320	eP	pP	17 39 32.9 -2.1
LVV		i	pP	17 39 40.8 -3.0
LVV		eS	S	17 49 58.4 -2.2
LVV		eS	S	17 51 09.6
KMBO	Kilima Mbogo 84.79 268	eP	P	17 39 36.2 +0.7
KMBO	comp=Z,0.5nm,0.3s,baz=226,slow=23,SNR=2.0	iP	P	17 39 37.7 +2.1
KMBO	Kilima Mbogo 84.79 268	iP	P	17 39 37.3 +1.7
KMBO	SNR=15			
KMBO</				

GVD	Gavdhos	6.24 211	ePn	Pn	18 16 59.0 +1.0
ALFC	Alevga	6.25 143	P	Pn	18 16 55.8 -2.4
KARA	Karaisali	6.26 116	ePn	Pn	18 16 59.7 +1.4
KEK	Kerki	6.33 256	ePn	Pn	18 17 00.0 +0.6
BCI	Bajram Curri	6.35 292	Pn	Pn	18 16 59.0 -0.6
PPCY	Paphos	6.36 146	P	Pn	18 17 00.9 +1.1
PUK	Puka	6.39 289	iPn	Pn	18 17 02.8 +2.7
GZR	Gura Zlata	6.42 325	iPn	Pn	18 16 59.9 -0.7
GZR	Gura Zlata	6.42 325	P	Pn	18 17 00.0 -0.6
GZR	Gura Zlata	6.42 325	P	Pn	18 17 00.0 -0.6
SVIS	Svilajnac	6.46 311	iPn	Pn	18 16 59.9 -1.3
SVIS	Svilajnac	6.46 311	Pn	Pn	18 16 59.8 -1.3
ALU	Alushta	6.48 45	eP	Sn	18 17 00.5 -0.8
ALU	Alushta		iS	Sn	18 18 11.1 -4.7
ALU	comp=Z,510nm,0.8s		pmx	pmx	
ALU	comp=N,340nm,0.5s		smx		
ALU	Alushta	6.48 45	eP	Pn	18 17 00.5 -0.8
ALU	comp=N,510nm,0.8s				
PVY	Plav	6.48 294	iPn	Pn	18 17 01.9 +0.5
PVY	Plav		eSn	Sn	18 18 13.7 -2.3
PVY	Plav	6.48 294	iPn	Pn	18 17 02.0 +0.6
PVY	Plav		eSn	Sn	18 18 13.6 -2.4
SIM	Simferopol'	6.51 42	iP	Sn	18 17 01.5 -0.2
SIM	Simferopol'		iS	Sn	18 18 11.0 -5.5
SIM	comp=Z,251nm,0.8s		pmx	pmx	
SIM	MLR		MLR		
SIM	comp=Z,3um,16.0s				
SIM	Simferopol'	6.51 42	iP	Pn	18 17 01.5 -0.2
SIM	comp=Z,251nm,0.8s				
MM	Mammari	6.53 139	P	Pn	18 17 02.0 -0.1
GRUC	Gruza	6.54 306	iPn	Pn	18 17 02.1 -1.1
GRUC	Gruza		eSn	Sn	18 17 01.9 +1.2
GRUC	Gruza	6.54 306	Pn	Pn	18 17 03.9 +0.5
IVB	Berane	6.63 296	iPn	Pn	18 17 03.9 +0.5
ZST	Ist		eSn	Sn	18 18 17.1 -2.4
IVA	Berane	6.63 296	iPn	Pn	18 17 03.9 +0.5
IVA	Berane		eSn	Sn	18 18 17.1 -2.4
KOZT	Kozan	6.69 112	ePn	Pn	18 17 05.5 +1.2
SZAC	Soulti-Zanaja	6.71 143	P	Pn	18 17 05.8 +1.3
CSS	Prodhromos	6.75 140	P	Pn	18 17 05.2 0.0
CSS	comp=Z,2.8nm,0.7s				
KIS	Kishinev	6.77	5c/iP	Pn	18 17 04.0 -1.4
KIS	Kishinev		iS	Pn	18 18 22.0 -1.1
KIS	Kishinev		iS	Pn	18 18 22.0 -1.1
KIS	comp=N,1um,2.0s		pmx	pmx	
KIS	comp=Z,800nm,2.0s				
KIS	Kishinev	6.77	5i/iP	Pn	18 17 04.0 -1.4
KIS	comp=Z,800nm,2.0s				
KIS	Kishinev		iS	Pn	18 18 22.0 -1.1
ULC	Ulcinj	6.84 287	iPn	Pn	18 17 07.4 +1.1
ULC	Ulcinj		eSn	Sn	18 18 21.8 -3.0
KRTS	Karatas	6.84 120	ePn	Pn	18 17 08.0 +1.6
CEYT	Ceyhan	6.86 116	ePn	Pn	18 17 08.4 +1.7
SVSK	Karacayir	6.90 90	ePn	Pn	18 17 08.3 +1.2
SUDU	Sudak	6.94 46	iPn	Pn	18 17 06.5 -1.1
SUDU	Sudak		iS	Pn	18 18 21.0 -6.1
SUDU	Sudak		smx		
TTG	Podgorica	6.94 291	iPn	Pn	18 17 08.3 +0.6
TTG	Podgorica		eSn	Pn	18 18 25.1 -2.1
DIVS	Divcibare	7.09 305	iPn	Pn	18 17 08.8 -1.0
BZS	Buzias	7.13 321	iPn	Pn	18 17 09.1 +1.2
BZS	Buzias		P	Pn	18 17 09.5 -0.8
PLE	Pljevlja	7.17 10.8	+0.3	Pn	18 17 10.8 +0.3
PL	Pljevlja		eSn	Sn	18 18 29.4 -2.8
BUM	Brajci-Budva	7.17 290	iPn	Pn	18 17 11.0 +0.2
BUM	Brajci-Budva		eSn	Pn	18 18 30.2 -2.5
FEO	Feodosiya	7.23 46	eP	Pn	18 17 12.9 +1.1
FEO	Feodosiya		eS	Pn	18 18 25.5 -8.9
FEO	Feodosiya		smx	smx	
FEO	comp=N,500nm,0.5s				
FEO	comp=N,120nm,0.7s				
FEO	Feodosiya	7.23 46	eP	Pn	18 17 12.8 +1.1
FEO	comp=N,500nm,0.5s				
NKY	Niksic	7.23 294	iPn	Pn	18 17 12.8 +1.1
NKY	Niksic		eSn	Pn	18 18 31.6 -2.3
NKY	Niksic	7.23 294	iPn	Pn	18 17 12.8 +1.1
NKY	Niksic		eSn	Pn	18 18 31.6 -2.9
UPM	Unac-Piva	7.42 296	iPn	Pn	18 17 14.9 +0.6
UPM	Unac-Piva		eSn	Pn	18 18 36.4 -2.7
HCY	Herceg Novi	7.49 290	iPn	Pn	18 17 16.6 +1.3
HCY	Herceg Novi		eSn	Pn	18 18 38.2 -2.8
HCY	Herceg Novi	7.49 290	eSn	Pn	18 18 38.0 -2.8
LCI	Lece	7.57 274	P	Pn	18 17 19.9 +3.5
BRY	Bratogost	7.58 294	iPn	Pn	18 17 17.0 +0.6
BRY	Bratogost		eSn	Pn	18 18 39.8 -3.2
DRGR	Drigr	7.59 331	iPn	Pn	18 17 16.9 +3.0
DRGR	Drigr		P	Pn	18 17 16.2 -0.4
BURAR	Bucovina Array	7.64 346	iPn	Pn	18 17 18.5 +1.2
BURAR	Bucovina Array		Pn	Pn	18 17 18.2 +0.9
KERU	Kerch	8.01 48	iP	Pn	18 17 28.2 +5.8
KERU	Kerch		eS	Pn	18 19 01.1 +7.6
KERU	Kerch		pmx	pmx	
KERU	Kerch		smx	smx	
MYA	Malataya	8.30 100	ePn	Pn	18 17 26.7 +0.3
ANN	Anapa	8.31 54	eP	Pn	18 17 24.3 -2.2
ANN	Anapa		eS	Pn	18 18 52.2 -8.7
ANN	Anapa		pmx	pmx	
ELZG	Elazig	8.68 98	iP	Pn	18 17 31.0 -0.5
HWQ	Hawqa	8.69 131	ePn	Pn	18 17 32.3 +0.6
TIP	Timpagrande	8.74 267	eP	Pn	18 17 31.4 -1.1
TIP	Timpagrande		P	Pn	18 17 36.1
TIP	Timpagrande		P	Pn	18 17 36.2
TIP	Timpagrande	8.74 267	P	Pn	18 17 36.1 +3.7
BHL	Bhannes	8.79 134	ePn	Pn	18 17 35.6 +2.5
PKSK	Bocsa	8.83 314	ePn	Pn	18 17 33.5 -0.2
PKSM	Moragy	9.07 314	iPn	Pn	18 17 35.9 -1.0
PKSM	Moragy		Pn	Pn	18 17 36.3 -0.6
PKSN	Moragy	9.07 314	P	Pn	18 17 36.3 -0.6
RHK3	Tenkes	9.10 311	iPn	Pn	18 17 36.4 -0.9
HNTI	Hanita	9.17 139	ePn	Pn	18 17 38.2 -0.1
RCY	Rachaya	9.20 135	ePn	Pn	18 17 39.5 +0.8
FGMS	Monte Sant'Ang	9.24 283	ePn	Pn	18 17 38.0 -1.3
UZH	Uzhgorod	9.32 336	ePn	Pn	18 17 41.0 +0.6
UZH	Uzhgorod		MLR	MLR	
UZH	Uzhgorod		MLR	MLR	
UZH	comp=Z,4um,8.0s				
KSDI	Kefar Szold	9.34 137	ePn	Pn	18 17 40.9 +0.3
KSDI	Kefar Szold		Pn	Pn	18 17 41.0 +0.4
MMAO	Mount Meron ar	9.34 138	Pn	Pn	18 17 40.5 -0.2
PKST	Kunszentmiklos	9.34 320	ePn	Pn	18 17 37.6 -3.1
CUC	Castroccuo	9.35 277	ePn	Pn	18 17 41.9 +1.1
Ofer	Ofer	9.46 141	P	Pn	18 17 41.5 -0.7
SLCN	Sala Consilina	9.46 275	P	Pn	18 17 42.6 +0.3
RGNG	Rignano Grg	9.51 283	P	Pn	18 17 43.4 +0.6
FG4	Candela	9.51 279	P	Pn	18 17 43.1 -0.6
MRLC	Muro Lucano	9.56 277	P	Pn	18 17 45.0 +1.4
KSHT	Kesht	9.58 137	Pn	Pn	18 17 45.0 +1.1
KOLS	Kolonice sedl	9.60 337	ePn	Pn	18 17 45.8 +1.6
KOLS	Kolonice sedl		eSg	Pn	18 20 28.8 +5.6
PSZ	Piszkesteto	9.63 325	ePn	Pn	18 17 48.7 +4.0
PSZ	Piszkesteto		eS	Pn	18 17 43.5 -1.1
PSZ	Piszkesteto		MLR	MLR	
PSZ	Piszkesteto		eP	Pn	18 17 48.7
PSZ	Piszkesteto	9.63 325	Pn	Pn	18 17 45.2 +0.3
GLH	Golan-Tel Qazi	9.71 138	Pn	Pn	18 17 46.0 +0.3
SLTI	Sal'tit	9.80 142	Pn	Pn	18 17 46.4 -0.4
MMLI	Mount Malkishu	9.82 140	Pn	Pn	18 17 47.0 -0.1
CRVS	Cervenica-Dubn	9.83 334	ePn	Pn	18 17 48.1 +0.8
CRVS	Cervenica-Dubn		eSg	Pn	18 20 48.0 +7.0
KECS	Keccovo	9.84 329	ePn	Pn	18 17 47.4 0.0
PKSG	Keccovo	9.96 319	ePn	Pn	18 17 53.8 +4.7
LVV	L'vov	9.97 345	ePn	Pn	18 17 50.4 +1.0
LVV	L'vov		eS	Pn	18 19 45.9 +4.0
LVV	L'vov		MLR	MLR	
LVV	comp=Z,3um,14.0s				
LVV	comp=N,3um,13.0s				
LVV	L'vov	9.97 345	ePn	Pn	18 17 50.4 +1.1
LVV	comp=E,2um,14.0s				
LVV	comp=E,3um,14.0s				

HMDT	Nahal Hemdat	10.02 140	Pn	Pn	18 17 49.7 -0.2
PSBI	Pescosannita	10.07 380	P	Pn	18 17 54.3 +3.7
STHS	Stebnicka Huta	10.35 335	ePn	Pn	18 17 55.5 +1.1
SGG	Gregorio Mats	10.40 281	P	Pn	18 17 54.7 -0.5
AKASG	comp=1,45nm,0.7s				
AKASG	10.49 4	Pn	Pn	18 17 53.6 -2.7	
AKASG	comp=E,6.6nm,0.3s,baz=186,slow=12,SNR=21				
AKASG	10.49 4	Pn	Pn	18 19 50.1 -4.4	
AKASG	comp=E,3.5nm,0.3s,baz=192,slow=24,SNR=33				
AKASG	Malin Array Be	10.49 4	Pn	Pn	18 17 53.7 -2.7
AKASG	Malin Array Be		pmx	pmx	
AKKB	Malin Array Si	10.49 4	Pn	Pn	18 17 52.9 -3.5
DRGI	Dragot	10.50 143	Pn	Pn	18 17 56.2 -0.3
MIDA	Miranda	10.51 282	P	Pn	18 17 58.5 +1.5
DSI	Dead Sea	10.51 282	P	Pn	18 17 56.6 -0.1
VYHS	Vyhne	10.53 325	ePn	Pn	18 17 56.4 -0.6
KOGS	Kog	10.57 310	P	Pn	18 17 58.9 +1.5
NVLJ	Novajia	10.63 298	iP	Pn	18 18 02.1 +3.8
RTMI	Retamim	10.66 147	Pn	Pn	18 17 58.7 0.0
KZIT	Kziot	10.67 149	Pn	Pn	18 17 59.0 +0.1
NIE	Niedzica	10.67 332	ePn	Pn	18 18 01.0 +2.2
MZDA	Masada	10.73 144	Pn	Pn	18 17 59.2 -0.4
MZDA	Masada		Pn	Pn	18 17 59.4 -0.3
BOJAS	Bojanci	10.73 303	ePn	Pn	18 18 00.4 +0.7
SVFA	Shivta	10.74 148	Pn	Pn	18 18 00.0 +0.3
CRFS	Cresleyaj	10.74 148	Pn	Pn	18 18 01.9 +0.2
MASH	Mash'abbe Sade	10.75 147	Pn	Pn	18 17 59.9 0.0
ASF	Jabal al Asfar	10.78 136	Pn	Pn	18 18 00.8 +0.4
VAE	Valguarnera	10.96 260	Pn	Pn	18 18 02.6 -0.3
VAE	comp=Z,0.9nm,0.3s,baz=121,slow=8.0,SNR=22				
VAE	10.96 260	LR	LR		18 22 13.1
VVLD	Villa Vallelon	10.99 283	P	Pn	18 18 05.1 +1.9
VRP	Verzam	11.08 287	P	Pn	18 18 09.2 +4.8
VRS	Visa	11.12 304	iP	Pn	18 18 05.6 +0.6
ZST	Bratislava	11.15 319	ePn	Pn	18 18 03.9 -1.5
ZST	Bratislava		MLR	MLR	
AQU	L'Aquila	11.19 286	ePn	Pn	18 18 06.1 +0.1
AQU	L'Aquila		pmx	pmx	
AQU	L'Aquila	11.19 286	ePn	Pn	18 18 06.0 0.0
AQU	L'Aquila		pmx	pmx	
AQU	L'Aquila	11.19 286	ePn	Pn	18 18 06.1 +0.1
AQU	L'Aquila		pmx	pmx	
AOI	Ancona	11.24 292	P	Pn	18 18 13.2 +6.6
ZFRF	Zfri	11.29 147	Pn	Pn	18 18 07.4 0.0
PERF	Pernice	11.34 309	ePn	Pn	18 18 10.7 +2.7
PRNI	Prin	11.40 285	Pn	Pn	18 18 02.0 +0.2
ARSA	Arzberg	11.42 312	iPn	Pn	18 18 08.4 -0.7
CING	Cingoli	11.49 291	P	Pn	18 18 11.6 +1.5
KIV	Kislovodsk	11.51 66	ePn	Pn	18 18 09.6 -0.8
KIV	Kislovodsk		pmx	pmx	
KIV	Kislovodsk		pmx	pmx	
KIV	Kislovodsk	11.51 66	ePn	Pn	18 18 09.0 -1.3
KIV	Kislovodsk		pmx	pmx	
KIV	Kislovodsk	11.51 66	ePn	Pn	18 18 09.6 -0.8
KIV	Kislovodsk		pmx	pmx	
OJC	Ojcow	11.52 333	ePn	Pn	18 18 12.2 +1.7
OJC	Ojcow		ePn	Pn	18 18 18.7
CONA	Conrad Observa	11.62 315	iPn	Pn	18 18 10.9 -1.0
HRFI	Mount Harif	11.69 148	Pn	Pn	18 18 13.4 +0.6
VOY	Vojsko	11.82 304	ePn	Pn	18 18 15.2 +0.6

Table with columns: Station Name, Time, Res, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Name, Time, Res, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like KOLDANDA, GORKHA, DAMAN, KAKANI, etc.

Table with columns: Station Name, Time, Res, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like CN2, KLR, BOSHA, MA2, etc.

Table with columns: Station Name, Time, Res, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like UKT, YOA, KMO, etc.

MAN 20 18:27:24.8, 1347N:12153E, h9km, mb3.7, ML4.8, MS2.1, 1C, Mindoro

CSEM 20 18:33:08.2, 6717N:2074E, h0km, ML3.2, Mining explosion. After UPP

HEL 20 18:33:09.0, 6717N:2072E, h0km, ML3.2(UPP), Suspected explosion, Sweden

Table with columns: Code, Station Name, Time, Res, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like DUNU, KUA, etc.

ISCJB 20 18:34:36.6, 0.7, 3811N:2032E, 0.04, h6km, 4km, Error ellipse: s-maj=6.0km s-min=3.6km az=100.5

CSEM 20 18:34:37.1, 3812N:2044E, h10km, ML3.7, Error ellipse: s-maj=3.7km s-min=1.3km az=46.0

Table with columns: Code, Station Name, Time, Res, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like VLS, RLS, etc.

Table with columns: OHR, Ohrid, 3.01, 6, i, Pn, Pn, 18 35 26.7 +0.7, etc. Lists various stations and their coordinates.

IDC 20 18:38:37.3-8.3, 601S-1507E, h97km, 57km, mb3.4/3, mb1.3/5.4, mb1mx3.3/1.4, mbtmp3.7/4, ML1.7, Error ellipse: s-maj=99.9km s-min=56.5km az=126.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Lists stations like Port Moresby, Warramunga Arr, etc.

ISCJB 20 18:54:24.9-1.6, 605S-007.1476E.01, h39km, 14km, mb4.2/10, MS3.1/1, Error ellipse: s-maj=18.1km s-min=11.2km az=29.2

IDC 20 18:54:27.8-3.8, 605S-1476E, h52km, 34km, mb3.9/8, mb1.4/2.1, mb1mx4.1/1.6, mbtmp4.2/1.1, ML4.0/3, MS3.5/1, Ms1.3/5.1, ms1mx2.9/2.0, Error ellipse: s-maj=27.9km s-min=18.2km az=76.0

NEIC 20 18:54:28.0-1.5, 606S-1476E, h54km, 13km, mb4.5/5, Error ellipse: s-maj=11.0km s-min=9.9km az=59.0

ISC 20 18:54:29.6-1.5, 618S-008.1476E.01, h64km, 13km, n26, a0596/26, mb4.2/10, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Lists stations like Port Moresby, Warramunga Arr, etc.

ISCJB 20 19:35:46.7-10.0, 7150N-1165W, Error ellipse: s-maj=11.0km s-min=9.9km az=204.4

BER 20 19:35:48.0-5.7, 7159N-1179W, h5km, MD4.0, ML3.3, CSEM 20 19:35:49.0-0.1, 7138N-1133W, h10km, ML3.3, Error ellipse: s-maj=4.1km s-min=3.2km az=147.0

IDC 20 19:35:50.3-0.4, 7136N-1098W, h0km, mb3.6/2.1, mb1.3/8.6, mb1mx3.5/2.4, mbtmp3.7/6, ML2.9/4, MS3.5/1, Ms1.3/5.1, ms1mx2.8/3.2, Error ellipse: s-maj=54.2km s-min=29.2km az=170.0

ISC 20 19:35:47.6-0.6, 7151N-006.1166W.01, h10km, n23, a1916/27, mb3.5/2, MS3.4/1, Jan Mayen Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Lists stations like Jan Mayen, etc.

CSEM 20 18:55:58.5-0.1, 4026N-2801E, h5km, MD2.9, Error ellipse: s-maj=2.7km s-min=1.8km az=11.0

ISCJB 20 18:55:59.0-0.4, 4027N-003.2802E.003, h2km, 5km, Error ellipse: s-maj=4.7km s-min=3.3km az=40.9

ISK 20 18:55:59.0, 4027N-2802E, h0km, MD2.9, Error ellipse: s-maj=4.7km s-min=3.3km az=40.9

ISC 20 18:55:59.0-0.4, 4027N-003.2801E.003, h7km, 4km, n27, a0571/36, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Lists stations like EDC, KCT, etc.

Table with columns: BTOCK, MFT, Murefte, 0.76, 313, PG, Sg, 18 56 16.1 +0.1, etc. Lists various stations and their coordinates.

ISCJB 20 18:59:02.6-0.6, 3251N-005.3104E.004, h10km, Error ellipse: s-maj=7.1km s-min=4.1km az=123.1

HLW 20 18:59:03.3, 3275N-3088E, h26km, Mb3.4, GII 20 18:59:07.1-0.3, 3250N-3101E, h25km, 30km, ML2.4/10, hmv2.7/2

ISC 20 18:59:03.3-0.6, 3253N-005.3099E.004, h10km, n50, a0587/56, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Lists stations like AMAG, KOT, etc.

ISCJB 20 19:35:46.1-0.7, 7165N-006.1166W.02, h10km, mb3.5/2, MS3.4/1, Error ellipse: s-maj=11.3km s-min=5.1km az=83.2

NAO 20 19:35:46.7-10.0, 7150N-1165W, Error ellipse: s-maj=11.0km s-min=9.9km az=204.4

ISC 20 19:35:47.6-0.6, 7151N-006.1166W.01, h10km, n23, a1916/27, mb3.5/2, MS3.4/1, Jan Mayen Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Lists stations like Jan Mayen, etc.

BORG Borgarnes, 7.69 213 Pn, 19 37 37.9 -1.8

ARCES ARCESS Array B 12.40 81 Pn, 19 38 45.7 +1.6

ARCES ARCESS Array B 12.40 81 Pn, 19 38 45.7 +1.6

ARCES ARCESS Array B 12.40 81 Pn, 19 38 45.7 +1.6

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Lists stations like HFS, EKA, etc.

Table with columns: RES, Resolute Bay, 22.55 317 eP, P, 19 40 48.4 +0.6, etc.

IDC 20 19:41:06.3-8.2, 1049N-9201E, h0km, mb3.6/3, mb1.3/3.9, mb1mx3.4/2.0, mbtmp3.6/3, 1D, Error ellipse: s-maj=42.4km s-min=27.2km az=60.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Lists stations like Port Blair, etc.

IDC 20 20:01:43.1-3.8, 1242N-8672W, h142km, 38km, mb3.5/5, mb1.3/8.7, mb1mx3.5/2.1, mbtmp4.0/7, Error ellipse: s-maj=33.1km s-min=20.7km az=57.0

UCR 20 20:01:44.1, 1213N-8689W, h136km, MD4.9, INET 20 20:01:44.8, 1229N-8675W, h143km, ML3.9, CGC 20 20:01:44.5, 1270N-8662W, h1km, MD4.8, ISCJB 20 20:01:44.4, 0.4, 0.4, 1236N-007.8665W.007, h143km, 4km, Error ellipse: s-maj=16.4km s-min=3.9km az=90.6

NEIC 20 20:01:45.1-1.3, 1236N-8670W, h163km, 11km, mb4.4/1, Error ellipse: s-maj=23.0km s-min=13.6km az=220.0

CASC 20 20:01:46.4-3.5, 1165N-8724W, h20km, 8km, MD4.2, ML3.6, mb4.4(NEIC), SSS 20 20:02:05.3, 1166N-8721W, h57km, MD4.5, ISC 20 20:01:45.1-0.4, 1235N-007.8667W.008, h143km, 3km, n57, a0598/59, mb3.8/5, 19C-7D, Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Lists stations like Miran, MOM, etc.

ISCJB 20 19:35:46.1-0.7, 7165N-006.1166W.02, h10km, mb3.5/2, MS3.4/1, Error ellipse: s-maj=11.3km s-min=5.1km az=83.2

ISC 20 19:35:47.6-10.0, 7150N-1165W, Error ellipse: s-maj=11.0km s-min=9.9km az=204.4

ISC 20 19:35:48.0-5.7, 7159N-1179W, h5km, MD4.0, ML3.3, CSEM 20 19:35:49.0-0.1, 7138N-1133W, h10km, ML3.3, Error ellipse: s-maj=4.1km s-min=3.2km az=147.0

ISC 20 19:35:50.3-0.4, 7136N-1098W, h0km, mb3.6/2.1, mb1.3/8.6, mb1mx3.5/2.4, mbtmp3.7/6, ML2.9/4, MS3.5/1, Ms1.3/5.1, ms1mx2.8/3.2, Error ellipse: s-maj=54.2km s-min=29.2km az=170.0

ISC 20 19:35:47.6-0.6, 7151N-006.1166W.01, h10km, n23, a1916/27, mb3.5/2, MS3.4/1, Jan Mayen Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Lists stations like Jan Mayen, etc.

ISCJB 20 19:35:46.1-0.7, 7165N-006.1166W.02, h10km, mb3.5/2, MS3.4/1, Error ellipse: s-maj=11.3km s-min=5.1km az=83.2

NAO 20 19:35:46.7-10.0, 7150N-1165W, Error ellipse: s-maj=11.0km s-min=9.9km az=204.4

ISC 20 19:35:47.6-0.6, 7151N-006.1166W.01, h10km, n23, a1916/27, mb3.5/2, MS3.4/1, Jan Mayen Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Lists stations like Jan Mayen, etc.

ISC 20 19:35:46.1-0.7, 7165N-006.1166W.02, h10km, mb3.5/2, MS3.4/1, Error ellipse: s-maj=11.3km s-min=5.1km az=83.2

ISC 20 19:35:47.6-10.0, 7150N-1165W, Error ellipse: s-maj=11.0km s-min=9.9km az=204.4

ISC 20 19:35:48.0-5.7, 7159N-1179W, h5km, MD4.0, ML3.3, CSEM 20 19:35:49.0-0.1, 7138N-1133W, h10km, ML3.3, Error ellipse: s-maj=4.1km s-min=3.2km az=147.0

ISC 20 19:35:50.3-0.4, 7136N-1098W, h0km, mb3.6/2.1, mb1.3/8.6, mb1mx3.5/2.4, mbtmp3.7/6, ML2.9/4, MS3.5/1, Ms1.3/5.1, ms1mx2.8/3.2, Error ellipse: s-maj=54.2km s-min=29.2km az=170.0

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

ellipse: s-maj=1.5km s-min=1.3km az=172.0
ISC 20:20:09.48.9.0.5, 4036N,002:2578E,002,h11km,3km,n46,
o#8678,2C,Aegean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res ISC. Lists various seismic stations and their characteristics.

MOS 20:20:38.9.0.8, 968S:7489W, h115km, mb5.3/79, Error
ellipse: s-maj=7.5km s-min=5.2km az=97.7
BUI 20:20:38.8.9, 997S:7505W, h120km, mb5.3

ISCJB 20:20:39.6.0.2, 972S:003:7493W,003,h121km,
mb5.2/199, Error ellipse: s-maj=5.0km s-min=3.2km
az=57.0

GCMT 20:20:40.7.0.3, 981S:7479W, h135km,2km, MW5.0/73,
Moment Tensor Solution. s42,c50; s73,c101; Duration:
0 Moment tensor: Scale 10^16Nm; Mr:3.93s.11;
Mw:0.53±.12; Mw:4.46±.15; Mw:0.34±.10; Mw:1.05±.15;
Mr:1.14±.15; Best double couple: M=4.46300x10^16
Np1=190.00000°, δ37.00000°, λ-93.00000°. NP2:
φs13.00000°, δ53.00000°, λ-88.00000°. Principal axes: T
4.8320, Plg8.0000°, Azm102.0000°; N -0.7390,
Plg2.0000°, Azm192.0000°; P -4.0930, Plg82.0000°,
Azm294.0000°. nst1 refers to body waves, cutoff=40s.
nst2 refers to surface waves, cutoff=50s.

NEIC 20:20:40.7.0.1, 980S:7489W, mb5.2/165 Error ellipse:
s-maj=4.4km s-min=2.8km az=225.0
NEIC felt (III) at Puerto Bermudez.

IDC 20:20:41.0.0.4, 977S:7487W, h123km,3km, mb4.7/24,
mb1.4/9.0, mb1mx4.9/31, mbtmp5.1/30, MS3.8/5,
Ms1.3/8.5, ms1mx3.3/31, Error ellipse: s-maj=10.1km
s-min=7.0km az=106.0

ISC 20:20:41.4.0.2, 979S:003:7484W,003,h123km,
h123km,1.0km,p-P,n740, o#069/657, mb5.2/199,
120C-121D, Central Peru

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res ISC. Lists various seismic stations and their characteristics.

Main table with columns: CFAA, Coronel Pinta, Villa Florida, CPUP, CPUP, CPUP, CPUP, BDFB, BDFB, CPD, SJG, SJG, SJG, MTP, PLCA, PLCA, PLCA, TEIG, RPN, HKT, HKT, HKT, NATX, CPCT, SWET, OXF, OXF, PLAL, JCT, JCT, JCT, UALR, UALR, TXAR, TXAR, TXAR, WPCI, WCI, WCI, SIUC, MCWV, WMOK, WMOK, WMOK, WMOK, WMOK, BLO, BLO, BLO, CCM, CCM, CCM, SSPA, MNTX, MNTX, ALLY, BINY, WES, WES, WES, KSIU, ACCN, ACCN, LPH, LPH, LENM, LENM, LAZO, ANMO, ANMO, CBKS, CBKS, LBNH, LBNH, LBNH, TUC, TUC, TUC, SCIA, LONY, JFWS, JFWS, JFWS, JFWS, JFWS, FRNY, 116A, 115A, SDCO, Z14A, MVCO, MVCO.

Table with columns: X15A, Y14A, WUAZ, WUAZ, ECSD, X14A, ISCO, ISCO, ISCO, ISCO, W15A, Y13A, GLA, Y12C, W14A, PDMCI, X13A, SWSC, DVTC, W13A, BC3, MONP, IRM, PHWY, PHWY, BELC, 109C, PFO, PFO, PFO, PFO, W12A, SRU, SRU, SRU, V12A, MURC, U12A, RWWY, HEC, CCUT, CCUT, MSU, MSU, MVU, EYMN, V11A, TMUT, TMUT, SCI, ARUT, CIS, BFSC, U11A, RSSD, GSC, GSC, SHOC, MPU, DECC, DAU, NLU, EDWZ, LRMC, BLG, OSI, FURC, CTU, AGMN, MPMC, TCUT, BSC, DUG, DUG, DUG, DAC, DAC, DAC, ISA, ISA, ISA, TRCR, PDAR, HWUT, GRAC, CWC, R10A, Q11A, PKM.

20d 20h

2006 OCT

Table with columns: Station, Name, Time, Frequency, Mode, and other details. Includes stations like BGU, VES, S09A, TIN, SMMC, AHID, TPH, R09A, O12A, HVU, HVU, P11A, N13A, S08C, HELL, V05C, REDW, MTUM, SNOW, LOHW, TPWA, Q09A, O11A, RR12, MOOW, P10A, ULM, ULM, N12A, DC1D, MLAC, R08A, PKD, V04C, IMW, KCC, FLWY, LAO, P08A, Q08A, RLMT, M12A, LKWY, LKWY, O10A, R07C, U04C, YFT, V03C, YNR, YMR, O09A, S05C, M11A, S06C, BMN, BMN, BMN, HAST, GCMT, QLMT, PACP, CMB, CMB, CMB, M10A, P07A, O08A, N09A, R05C, S04C, HLID, HLID, WCN, O07A, PAHR, M09A, MCMT, R04C, BNLO, WENL, LAVA.

Table with columns: Station, Name, Time, Frequency, Mode, and other details. Includes stations like DLMT, BDM, SCHO, L09A, M08A, O06A, Q04C, BEKR, N06A, Q03C, M07A, HRY, FARB, K09A, L08A, OHCM, CVS, O05C, EGMT, EGMT, E15A, SUTB, ORV, MCCM, MNRC, WVOR, WVOR, ELFS, O04C, K08A, L07A, J09A, E14A, M06C, CHMT, E13A, K07A, J08A, J09A, HATC, MOD, MOD, GASB, D14A, MSO, M05C, P01C, J08A, H09A, L05A, J07A, WDC, WDC, WDC, D13A, K06A, J06A, H08A, M04C, K05A, I07A, C13A, O01C, F10A, L04A, N02C, M02C, BSMT, F09A, I06A, K04A, YBH, YBH, YBH, H07A, KHMM, J05A, C12A, B13A, G08A, JCC, WALA, F08A, G07A.

Table with columns: Station, Name, Time, Frequency, Mode, and other details. Includes stations like A13A, H06A, V1PM, KRMB, E09A, HUMO, HUMO, FFC, B12A, L02A, H05A, G06A, D09A, B11A, K02A, C10A, F07A, A12A, IRO, J03A, HAWA, NEW, NEW, D08A, B10A, G05A, E07A, J02A, H04A, C09A, K01A, I03A, SSOR, F05A, B09A, C08A, D07A, G04A, A10A, I02A, COR, COR, COR, H03A, TBM, WTV, C07A, D06A, F04A, A09A, G03A, H02A, B07A, D05A, E04A, F03A, C05A, EDM, D04A, E03A, B06A, B05A, C04A, D03A, MBW, NLWA, A05A, OSD, B04A, A04A, PPT, SNA, SNA, MORF, MOE, YKA, EVO, EGRO, SFJD, SFJD, SFJD, PESTR, MDT, PTO, EMIN, TOAO, TORI, TORI, TORI, TORI.

Table with columns for station name, frequency, power, and other technical details. Includes stations like TOR, PVB, ESPR, MTE, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MFF, LFF, GRR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LMR, LMR, LMR, etc.

Table with columns for flight codes (e.g., QIZ, JOW, KSM), destinations (e.g., 241nm, 1.0s), times, and status indicators (e.g., ePn, Pn).

Table with columns for flight codes (e.g., CD2, INCN, KJ15), destinations (e.g., 1um, 4.3s), times, and status indicators (e.g., LR, P, eP).

Table with columns for flight codes (e.g., AGT, FITZ, MDJ), destinations (e.g., 4um, 18.0s, MS5.2), times, and status indicators (e.g., P, X, S).

MDRS	Jabalpur	40.54 290J	ex	x	22 17 12.7
JBP	comp=Z,98nm,1.3s,mb5.3		eP	P	22 17 09.2 +2.3
JBP	comp=Z,98nm,1.3s		ex	x	22 17 16.7
JBP	Pallekele	40.63 266	eS	S	22 23 16.5 +1.5
PALK	comp=Z,390nm,19.0s,MS4.3		eP	LR	22 17 12.7 +5.1
TLY	Talaya	40.80 343	eS	P	22 17 04.9 -4.1
TLY	comp=Z,60nm,1.4s,mb5.0		eSS	pmax	22 23 20.8 +1.9
TLY	comp=Z,4um,20.0s,MS5.3		MLR	MLR	22 27 03.3
IRK	Irkutsk	41.13 344	eS	P	22 17 11.6 -0.1
IRK	comp=Z,130nm,3.3s		eP	pmax	22 23 27.6 +3.8
CTA	Charters Tower	41.21 143	eP	P	22 17 13.2 +0.8
CTA	comp=Z,14nm,1.0s,mb4.6		eS	LR	22 22 57.7 -27
CTA	Charters Tower	41.21 143	LR	LR	22 27 11.5
CTA	Charters Tower	41.21 143	eP	P	22 17 13.2 +0.8
CTA	comp=Z,14nm,1.0s		pmax	pmax	
CTAO	Charters Tower	41.21 143	eP	pmax	22 17 13.5 +1.1
CTAO	comp=Z,122nm,1.7s,mb5.3		MLR	MLR	
CTAO	comp=Z,2um,19.0s,MS5.0		eP	P	22 17 13.5 +1.2
CTAO	Charters Tower	41.21 143	eP	P	22 17 13.5 +1.2
CTAO	comp=Z,122nm,1.7s,mb5.3		LR	LR	
NGP	Nagpur	41.23 287	eP	P	22 17 13.7 +1.2
NGP	comp=Z,143nm,1.4s		ex	x	22 17 20.4
NGP	Mondy	41.60 341	eS	S	22 23 26.2 +1.0
MOY	comp=Z,176nm,4.0s		eP	pmax	22 17 15.7 +0.2
MOY	Hyderabad	41.60 281	iP	P	22 17 15.0 -0.6
HYB	Hyderabad	41.60 281	eS	S	22 23 31.0 +0.2
HYB	Hyderabad	41.60 281	eS	P	22 17 17.0 +1.4
HYB	Hyderabad	41.60 281	eS	P	22 23 17.0 -1.4
WUO	Ururmqi	41.94 323	eP	P	22 17 19.3 +1.0
WMQ	comp=Z,76nm,1.2s,mb5.2		AP	pP	22 17 23.0 -1.3
WMQ	comp=Z,547nm,4.0s		XP	sP	22 17 26.5 -0.2
WMQ	comp=N,7um,16.2s,MS5.8		PP	PP	22 19 01.0 +5.6
WMQ	comp=E,8um,17.8s,MS5.8		SCP	SCP	22 23 05.0 +2.1
WMQ	comp=Z,6um,20.3s,MS5.5		S	SS	22 23 36.5 +0.8
SALM	Salem	42.34 273	eP	P	22 26 37.0 -5.6
BHPL	Bhopal	42.89 290	eP	Amb	
BHPL	comp=Z,68nm,1.1s,mb5.3		Amb	AMB	
AKL	Akola	43.10 286	iP	x	22 17 28.9 +1.1
AKL	Chul'man	43.39 3	eP	x	22 23 47.9
CLNS	Chul'man	43.39 3	eP	P	22 17 30.2 +0.1
CLNS	comp=Z,74nm,1.3s,mb5.3		e	e	22 19 14.0
CLNS	comp=N,39nm,1.4s		eS	SS	22 19 21.6
CLNS	comp=E,10.0nm,1.1s		eSS	SS	22 23 57.1 0.0
CLNS	comp=Z,9.0nm,1.0s,mb4.5		pmax	pmax	22 27 07.2 -4.0
CLNS	comp=N,18nm,1.1s		MLR	MLR	
CLNS	comp=E,12nm,1.1s		smax	smax	
CLNS	comp=N,565nm,13.4s		MLR	MLR	
CLNS	comp=Z,215nm,12.0s		smax	smax	
CLNS	comp=E,542nm,14.1s		MLR	MLR	
CLNS	comp=N,1um,16.0s,MS5.1		MLR	MLR	
CLNS	comp=Z,4um,16.0s,MS5.4		MLR	MLR	
CLNS	comp=E,2um,15.0s,MS5.1		ex	x	22 18 05.8
LATR	Latur	43.49 283	ex	x	22 17 33.1 -0.5
NDI	New Delhi	43.83 297	eP	Amb	22 17 39.9
NDI	comp=Z,29nm,1.3s,mb4.9		Amb	AMB	
HNR	Honiara	44.34 119	P	P	22 17 38.3 +0.5
HNR	comp=Z,27nm,0.3s,mb5.4,baz=256,slow=2.7,SNR=2.5		LR	LR	22 34 48.4
FORT	Forrest	44.39 172	eP	P	22 17 38.0 -0.1
FORT	comp=Z,2um,19.3s,MS5.0,baz=355,slow=34		eP	P	22 17 38.9 -1.5
BOD	Bodaibo	44.67 354	eP	pmax	
BOD	comp=Z,19nm,1.8s,mb4.6		pmax	pmax	
KLBR	Kellerberrin	44.91 185	eP	P	22 17 41.7 -0.6
KLBR	comp=Z,40nm,0.9s,mb5.2		eP	P	22 17 59.4 +6.8
MUN	Mundaring	45.44 186	eP	pP	22 17 46.3 -0.5
MNGI	Mangalore	45.47 275	eP	x	22 17 56.0
DLH	Dalhousie	45.70 302	ex	x	22 17 48.7 -0.2
AJM	Ajmer	45.75 294	Amb	AMB	22 17 56.4
AJM	comp=Z,114nm,1.1s,mb5.7		Amb	AMB	
KAD	Karad	45.78 281	eP	P	22 17 49.3 +0.2
KAD	comp=Z,74nm,1.4s,mb5.4		Amb	AMB	22 17 50.0
KAD	Thein Dam	45.88 302	eP	P	22 17 57.5
THN	Poona	46.06 323	iP	P	22 17 48.4 -1.6
POO	comp=Z,60nm,1.0s,mb5.5		iP	P	22 17 50.0 -1.4
NWAO	Narrogin (SRO)	46.28 185	eP	P	22 17 53.6 +0.5
NWAO	comp=Z,27nm,0.8s		pmax	pmax	
NWAO	comp=Z,1um,20.0s		MLR	MLR	
NWAO	Narrogin (SRO)	46.28 185	eP	P	22 17 53.6 +0.5
NWAO	comp=Z,27nm,0.8s,mb5.2		LR	LR	
NWAO	comp=Z,1um,20.0s,MS4.8		LR	LR	
MK31	Makanchi Array	46.76 323	iP	P	22 17 56.8 -0.1
MKAR	Makanchi Array	46.76 323	iP	P	22 17 56.8 -0.1
MKAR	comp=Z,5.6nm,0.7s,mb4.6,baz=108,slow=8.1,SNR=20		LR	LR	22 36 43.2
MKAR	comp=Z,1um,21.8s,MS4.9,baz=116,slow=35		LR	LR	
MKAR	Makanchi Array	46.76 323	eP	P	22 17 57.0 +0.1
BOM	Bombay	47.04 283	eP	x	22 18 01.8 +2.7
BOM	comp=Z,169nm,1.1s		ex	x	22 18 09.1
BOM	Kashi	47.72 312	eP	x	22 22 57.8
KSH	comp=Z,74nm,1.4s,mb5.4		eP	pP	22 18 07.3 +3.0
KSH	comp=Z,2um,19.3s,MS5.0,baz=355,slow=34		eP	pP	22 18 11.3 +0.9
KSH	comp=Z,27nm,0.3s,mb5.4,baz=256,slow=2.7,SNR=2.5		eP	pP	22 18 14.4 +1.6
KSH	comp=Z,2um,19.3s,MS5.0,baz=355,slow=34		eP	pP	22 19 36.9 +3.5
KSH	comp=Z,1um,20.0s,MS4.8		eP	pP	22 19 57.1 +1.1
KSH	comp=Z,2um,19.3s,MS5.0,baz=355,slow=34		eS	ScP	22 23 28.0 +1.4
KSH	comp=Z,2um,19.3s,MS5.0,baz=355,slow=34		eS	S	22 25 02.0 +2.5
KSH	comp=Z,2um,19.3s,MS5.0,baz=355,slow=34		eS	SS	22 25 12.6 +3.1
KSH	comp=Z,2um,19.3s,MS5.0,baz=355,slow=34		eSS	SS	22 27 56.8 -0.1
KSH	comp=Z,159nm,1.3s,mb5.9		AMB	AMB	22 28 21.9 -5.9
KSH	comp=N,5um,15.3s,MS5.8		LR	LR	
KSH	comp=E,7um,14.0s,MS5.8		LR	LR	
KSH	comp=Z,676nm,6.7s		LR	LR	

AAA	Alma-Ata	48.44 317	iP	P	22 18 10.6 +0.6
AAA	comp=Z,749nm,4.0s		eS	S	22 25 09.6 -0.2
AAA	comp=N,836nm,11.8s		pmax	pmax	
AAA	comp=Z,2um,25.0s,MS5.2		MLR	MLR	
ULHL	Ulahol	48.52 315	P	P	22 18 11.3 +0.8
YAK	Yakutsk	48.88	5d/iP	P	22 18 12.1 -1.2
YAK	comp=Z,3um,19.0s,MS5.2		e/PP	pP	22 18 22.2 +2.8
YAK	comp=Z,3um,19.0s,MS5.2		i	i	22 20 07.7
YAK	comp=Z,3um,19.0s,MS5.2		eS	S	22 25 14.1 -1.8
YAK	comp=Z,3um,19.0s,MS5.2		eSS	SS	22 25 29.2 +3.3
YAK	comp=Z,3um,19.0s,MS5.2		eSS	SS	22 28 00.0
YAK	comp=Z,3um,19.0s,MS5.2		iSS	SS	22 28 46.4 -0.2
YAK	comp=Z,117nm,1.5s,mb5.7		pmax	pmax	
YAK	comp=N,67nm,1.4s		pmax	pmax	
YAK	comp=E,23nm,1.4s		pmax	pmax	
YAK	comp=Z,231nm,2.3s,mb5.8		pmax	pmax	
YAK	comp=N,203nm,1.9s		pmax	pmax	
YAK	comp=E,94nm,1.8s		smax	smax	
YAK	comp=E,216nm,6.8s		smax	smax	
YAK	comp=N,533nm,10.7s		MLR	MLR	
YAK	comp=N,2um,19.0s,MS5.3		MLR	MLR	
YAK	comp=E,2um,19.0s,MS5.3		MLR	MLR	
YAK	comp=Z,3um,19.0s,MS5.2		MLR	MLR	
YAK	Yakutsk	48.88	5 eP	P	22 18 13.0 -0.3
YAK	comp=Z,64nm,0.9s,mb5.7		eP	P	22 18 14.2 +0.3
STKA	Stevens Creek	48.96 157	eP	P	22 18 14.3 +0.4
STKA	comp=Z,86nm,0.7s,mb5.9,baz=334,slow=7.4,SNR=130		LR	LR	22 37 27.8
STKA	comp=Z,2um,21.5s,MS5.1,baz=335,slow=34		LR	LR	
TKM2	Tokmak 2	49.21 316	P	P	22 18 16.8 +0.9
TKM2	SNR=9.6				
PET	Petropavlovsk	49.24	29 eP	P	22 18 16.7 +0.6
PET	comp=Z,56nm,1.3s,mb5.4		eS	S	22 25 22.9 +1.9
PET	comp=Z,56nm,1.3s,mb5.4		eSS	SS	22 28 42.0 -1.0
PET	comp=E,400nm,15.2s		smax	smax	
PET	comp=Z,900nm,19.0s,MS4.8		MLR	MLR	
PET	Petropavlovsk	49.24	29 eP	P	22 18 16.3 +0.2
PET	comp=Z,68nm,1.1s,mb5.6		LR	LR	
PET	comp=Z,1um,22.0s,MS4.8		LR	LR	
KBK	Karagaybulak	49.56 315	P	P	22 18 19.4 +0.9
KBK	SNR=26		P	P	
ZAL	Zalesovo	49.69 332	P	P	22 18 17.7 -0.8
ZAL	comp=Z,4.1nm,0.5s,mb4.7,baz=354,slow=6.1,SNR=13		LR	LR	22 39 18.4
ZAL	comp=Z,3um,19.6s,MS5.2,baz=78,slow=36		LR	LR	
UCH	Uchtor	49.70 315	P	P	22 18 20.9 +1.3
UCH	SNR=77		P	P	
CHMS	Chumysh	49.82 316	P	P	22 18 20.4 -0.1
CHMS	SNR=16		P	P	
FRU	Bishkek	49.85 315	eP	P	22 18 22.0 +1.3
FRU	comp=Z,100nm,1.6s,mb5.6		pmax	pmax	
FRU	comp=E,4um,20.0s		MLR	MLR	
FRU	comp=Z,100nm,1.6s,mb5.6		MLR	MLR	
AAK	Ala-Archa	49.86 315	eP	P	22 18 21.3 +0.5
AAK	comp=Z,929nm,21.0s,MS4.8		MLR	MLR	
USP	Ospenovka	50.09 316	P	P	22 18 23.0 +0.5
USP	SNR=27		P	P	
AML	Almalyash	50.24 314	P	P	22 18 25.1 +1.5
EKS2	Erkin-Say	50.37 315	P	P	22 18 25.6 +1.0
EKS2	SNR=30		P	P	
ADE	Adelade	50.80 162	eP	P	22 18 28.9 +1.0
MA2	Magadan	50.88	19d/iP	P	22 18 28.4 -0.1
MA2	comp=Z,100nm,1.3s,mb5.6		eS	S	22 25 43.2 -0.6
MA2	comp=Z,3um,18.2s,MS5.3		pmax	pmax	
MA2	Magadan	50.88	19 eP	P	22 18 25.4 -3.1
MA2	comp=Z,64nm,1.1s,mb5.5		eP	P	22 20 31.9 +7.0
MA2	comp=Z,2um,19.0s,MS5.1		LR	LR	
KURK	Kurchatov	50.89 326	P	P	22 18 28.0 -0.6
KURK	SNR=18		P	P	
NVS	Novosibirsk	50.98 332	eP	P	22 18 27.5 -1.7
NVS	comp=Z,13nm,0.8s,mb5.0,baz=111,SNR=50		eS	S	22 25 40.8 -4.4
NVS	comp=Z,140nm,2.1s,mb5.5		e	e	22 28 11.4
NVS	comp=N,71nm,1.7s		pmax	pmax	
NVS	comp=E,54nm,1.7s		pmax	pmax	
NVS	comp=N,43nm,2.0s		smax	smax	
NVS	comp=E,21nm,1.7s		smax	smax	
ARMA	Armidale	52.32 147	eP	P	22 18 43.5 +4.2
DGAR	Diego Garcia	52.09 250	PFAKE	P	22 19 00.0 +1.6
DGAR	comp=Z,405nm,19.0s,MS4.5		LR	LR	
SEY	Seymchan	54.02 177	iP	P	22 18 52.4 +0.6
CNB	Canberra Magne	55.16 152	eP	P	22 19 01.5 +1.4
CNB	comp=Z,48nm,0.9s,mb5.5		eP	P	
TOO	Toolangi	55.48 157	eP	P	22 19 03.0 +0.6
TOO	comp=Z,30nm,0.9s,mb5.1		eP	P	22 19 03.0 +0.6
TOO	comp=Z,20nm,0.9s,mb5.2		pmax	pmax	
BVA0	Borovoye Array	56.48 326	iP	P	22 19 09.1 -0.4
BVA0	comp=Z,59nm,1.5s,mb5.4		pmax	pmax	
BVAR	Borovoye Array	56.48 326	P	P	22 19 09.4 -0.1
BVAR	comp=Z,13nm,0.8s,mb5.0,baz=123,slow=11,SNR=50		S	S	22 26 59.4 -0.4
BVAR	comp=Z,0.7nm,0.9s,baz=154,slow=4.8,SNR=50		LR	LR	22 42 28.6
BVAR	comp=Z,382nm,21.7s,MS4.5,baz=138,slow=35		S	S	22 19 09.4 -0.1
BVAR	Borovoye Array	56.48 326	P	P	22 19 09.4 -0.1
BVAR	comp=Z,382nm,21.7s,MS4.5,baz=138,slow=35		S	S	22 19 09.4 -0.6
BRVK	Borovoye	56.55 326	eP	P	22 19 10.2 -0.4
BRVK	comp=Z,738nm,20.0s,MS4.8		MLR	MLR	22 19 30.0 +1.6
CHKZ	Chkalovo	56.63 326	eP	P	22 19 10.2 -0.4
SMY	Shemlya	57.09 35	PFAKE	LR	
SMY	comp=Z,2um,20.0s,MS5.1		LR	LR	
ZRNK	Zerenda	57.21 325	eP	P	22 19 13.9 -0.8
ZRNK	comp=Z,222nm,1.4s,mb5.0		e/PP	pP</	

20d 22h

2006 OCT

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like Gaziantep, McKinley, Palmer, College, Joensuu, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like Alexandroupoli, Kalvaria, KWP, Samos, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like PVCC, PRU, BRG, etc.

TORD Torodi Ar. Bea 49.09 261 P P 23 27 39.0 -1.4
comp=N1.3nm,0.6sb,mb4.1,baz=57,slow=8.5,SNR=12
TORD Torodi Ar. Bea 49.09 261 P P 23 27 39.0 -1.4

ATH 20 23:29:54.7, 4025N-2822E, h45km, MD3.4/4
CSEM 20 23:29:54.0, 0.1, 4028N-2803E, h5km, MD3.0, Error
ellipse: s-maj=1.5km s-min=1.0km az=12.0
ISCJB 20 23:29:55.2, 0.3, 4029N-02-2802E, h10km, Error
ellipse: s-maj=3.2km s-min=2.7km az=4.3
ISK 20 23:29:55.0, 4030N-2798E, h17km, MD3.0
THE 20 23:29:56.2, 4030N-2812E, h10km
ISC 20 23:29:54.9, 0.5, 4026N-02-2804E, h0km, 4km, n45,
r1506/61, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like EDC, MRMT, BTKOK, etc.

ISCJB 20 23:30:05.5, 0.6, 3838N-002-2209E, h1km, 4km,
Error ellipse: s-maj=4.3km s-min=3.2km az=166.4
NEIC 20 23:30:05.8, 3838N-2199E, h18km, ML3.2(ATH), After
ATH.

ATH 20 23:30:05.8, 3838N-2200E, h17km, 1km, MD3.3/13, ML3.2
CSEM 20 23:30:06.0, 0.1, 3839N-2202E, h5km, 1km, ML3.2, Error
ellipse: s-maj=1.8km s-min=1.4km az=86.0
THE 20 23:30:07.8, 3839N-2228E, h3km, ML2.8
ISC 20 23:30:06.1, 0.6, 3839N-002-2208E, h0km, 4km, n40,
r1506/64, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like RLS, EVR, AGG, etc.

ISCJB 20 23:31:39.6, 0.5, 3883N-002-12281W, 0.04, h13km, 4km,
mb4.0/1, Error ellipse: s-maj=4.7km s-min=2.9km
az=158.9
NEIC 20 23:31:39.0, 3887N-12278W, h3km, MW3.8(BRK), After
NCEDC.
NEIC Felt [V] at Middletown and [III] at Kelseyville. Also felt at
Calistoga, Daly City, Geyserville, Healdsburg, Lower Lake,
Mission Viejo, Saint Helena, San Rafael, Santa Rosa and
Sonoma.

ISC 20 23:31:43.3, 0.3, 3931N-12248W, h0km, mb3.9/1,
n71, 3.9/4, mb1mx3.6/23, mbtmp3.5/4, ML3.2, Error
ellipse: s-maj=1.7km s-min=2.0km az=40.0
ISC 20 23:31:40.0, 0.4, 3883N-002-12284W, 0.04, h12km, 3km,
n71, r0594/83, mb4.0/1, 25C-30D, Northern California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like HOPS, MNRC, CVCS, etc.

IDC 20 23:54:01.1, 0.5, 979S-11895E, h0km, mb4.6/13,
mb1.4/6/16, mb1mx4.6/19, mbtmp4.6/16, ML4.2/3, MS3.9/8,
M1.3.9/8, ms1mx3.5/30, Error ellipse: s-maj=27.0km
s-min=14.4km az=54.0
NEIC 20 23:54:02.7, 0.3, 993S-11883E, h10km, mb4.7/4, Error
ellipse: s-maj=14.6km s-min=7.3km az=53.0
ISCJB 20 23:54:03.6, 0.3, 998S-006-11901E, 0.07, h3km,
mb5.0/32, MS3.9/5, Error ellipse: s-maj=11.9km
s-min=5.0km az=96.6
MOS 20 23:54:04.2, 1.1, 981S-11906E, h33km, mb5.0/6, Error
ellipse: s-maj=21.8km s-min=9.9km az=118.5

ISC 20 23:54:06.1, 0.3, 998S-006-11895E, h0km, h35km, n100,
r1524/84, mb5.0/32, MS3.9/5, 8C-19D, Sumbawa region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like WSI, DNP, PCI, etc.

EQES	Quesada	1.73	56	Pn	Pn	01 56 18.5	+0.5
EQES	2.3nm,0.5s,SNR=4.6			Lg		01 56 42.4	
EQES	5.6nm,0.3s,SNR=7.9			Pn	Pn	01 56 18.5 <td>+0.5</td>	+0.5
EQES	Quesada	1.73 <td>56 <td>Pn</td> <td>Pn</td> <td>01 56 18.5 <td>+0.5</td> </td></td>	56 <td>Pn</td> <td>Pn</td> <td>01 56 18.5 <td>+0.5</td> </td>	Pn	Pn	01 56 18.5 <td>+0.5</td>	+0.5
EGRO	Ei Granado	2.17	289	Pn	Pn	01 56 22.7	-1.4
EGRO	0.2nm,0.1s,SNR=7.9			Sn	Sn	01 56 47.2	-3.2
EGRO	SNR=7.9			Lg		01 56 55.5	
EGRO	2.1nm,0.2s,SNR=4.9			Pn	Pn	01 56 22.7	-1.4
EGRO	Ei Granado	2.17	289	Pn	Pn	01 56 22.7	-1.4
EGRO	0.2nm,0.1s,SNR=7.9			Sn	Sn	01 56 47.2	-3.2
EGRO	SNR=7.9			Sn	Sn	01 56 47.2	-3.2

INMG 21 01:56:16.2±1.8, 3692N:488W, h18km, ML2.3, Error

ellipse: s-maj=3.3km s-min=3.2km az=148.0

MDD 21 01:56:15.5±0.3, 3693N:489W, h12km, mb3.1/1,

mbLg2.1/2.2, Error ellipse: s-maj=3.3km s-min=2.4km

az=156.0, PRXIMO, Strait of Gibraltar

Code	Station Name	A°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
EMIJ	Mijas	0.37	166	Pg	Pg		01 56 22.2	-0.7
EMIU	57nm,0.5s,SNR=7.9			Lg			01 56 27.5	
LJJA	Lijar	0.41	267	P	Pg		01 56 22.0	-1.7
LJJA	117nm,0.3s,SNR=7.9			Sg			01 56 29.0	-0.2
ELOJ	Sierra Loja	0.63	69	Pg	Pg		01 56 27.1	-0.6
ELOJ	7.0nm,0.4s,SNR=7.9			Lg			01 56 36.4	
EJIF	Jimena Fronter	0.67	225	Pg	Pg		01 56 28.7	+0.3
EJIF	18nm,0.3s,SNR=7.9			Lg			01 56 38.0	
ESPR	Espera	0.78	266	Pg	Pg		01 56 30.7	+0.2
ESPR	63nm,0.5s,SNR=7.9			Lg			01 56 42.7	
ESPR	34nm,1.3s,SNR=7.9			Lg			01 56 30.6	-0.4
ELUO	Loume	0.80	38	Pg	Pg		01 56 42.4	
ELUO	2.0nm,0.4s,SNR=7.9			Lg			01 56 36.4	
ERON	Agron	0.87	84	Pg	Pg		01 56 31.4	-0.9
ERON	32nm,0.3s,SNR=7.9			Lg			01 56 31.4	-0.9
EGUA	Guajares	1.06	95	Pg	Pg		01 56 35.3	-0.7
EGUA	2.0nm,0.2s,SNR=4.0			Lg			01 56 47.3	
EGUA	0.9nm,0.5s,SNR=7.9			Lg			01 56 36.9	0.0
ECOG	Cogollos-Vega	1.11	71	Pg	Pg		01 56 36.9	0.0
ECOG	8.1nm,0.9s,SNR=7.9			Lg			01 56 50.2	
ECOG	5.2nm,0.5s,SNR=4.0			Lg			01 56 50.2	
EQUE	Quentar	1.19	76	Pg	Pg		01 56 33.7	-4.6
EQUE	12nm,0.5s,SNR=7.9			Lg			01 56 50.0	
EQUE	0.6nm,0.6s,SNR=7.9			Lg			01 56 50.0	
EADA	Adamuz	1.26	11	Pg	Pg		01 56 39.2	-0.6
EADA	21nm,1.1s,SNR=7.9			Lg			01 56 39.2	-0.6
EADA	5.5nm,0.2s,SNR=7.9			Lg			01 56 54.7	
EBAN	Banos Encina	1.51	35	Pg	Pg		01 56 41.9	-2.7
EBAN	52nm,0.7s,SNR=7.9			Lg			01 57 01.3	
EBAN	10.0nm,0.3s,SNR=7.9			Lg			01 57 01.3	
EBER	Berja	1.60	90	Pg	Pg		01 56 46.1	-0.1
EBER	93nm,0.3s,SNR=7.9			Lg			01 56 46.1	-0.1
EMIN	Mina Concepcio	1.65	301	Pg	Pg		01 56 44.6	-2.6
EMIN	6.9nm,0.7s,SNR=7.9			Lg			01 57 04.2	
EMIN	4.1nm,0.5s,SNR=7.9			Lg			01 56 45.0	-2.9
EQES	Quesada	1.69	58	Pg	Pg		01 56 45.0	-2.9
EQES	64nm,0.8s,SNR=7.9			Lg			01 57 06.9	
EQES	5.0nm,0.3s,SNR=7.9			Lg			01 56 49.9	-4.6
EHUE	Huescar	2.03	63	Pg	Pg		01 57 20.7	
EHUE	19nm,0.7s,SNR=7.9			Lg			01 56 48.6	-2.7
EHUE	0.4nm,0.3s,SNR=7.9			Lg			01 57 21.6	
EGRO	Ei Granado	2.16	287	Pn	Pn		01 56 48.6	-2.7
EGRO	9.5nm,0.3s,SNR=7.9			Lg			01 57 21.6	
EGRO	3.3nm,0.5s,SNR=7.9			Lg			01 56 59.2	-5.1
EVI A	Vianos	2.55	47	Pg	Pg		01 57 31.5	
EVI A	36nm,0.6s,SNR=7.9			Lg			01 56 56.6	-0.9
EVI A	5.5nm,0.4s,SNR=7.9			Lg			01 57 36.9	-2.5
PBEJ	Beja	2.61	296	ePn	Pn		01 56 56.6	-0.9
PBEJ	4.8nm,0.4s,SNR=7.9			eSg	Sg		01 57 36.9	-2.5
PBEJ	SNR=1.0			eSg	Sg		01 56 59.9	-0.7
ESDC	Sonseca Array	2.84	15	Pn	Pn		01 57 04.8	-5.1
ESDC	4.9nm,0.5s			Pg	Pg		01 57 42.7	
ESDC	0.8nm,0.3s,baz=196,slow=13,SNR=7.9			Pg	Pg		01 57 42.7	
ESDC	1.2nm,0.6s,baz=196,slow=13,SNR=7.9			Lg	Lg		01 57 44.6	-3.6
PESTR	Estremoz	2.88	313	eSg	Sg		01 57 37.1	-2.4
PESTR	5.0nm,0.3s,baz=192,slow=29,SNR=7.9			Lg	Lg		01 57 37.1	-2.4
PESTR	8.0nm,0.6s			Sn	Sn		01 57 37.1	-2.4
MORF	Marmelete	3.03	278	eSn	Sn		01 57 37.1	-2.4
MORF	4.2nm,0.5s			Sn	Sn		01 57 37.1	-2.4
MORF	Marmelete	3.03	278	Sn	Sn		01 57 51.9	-3.9
PTEO	Sao Teotonio	3.12	283	eSg	Sg		01 57 51.9	-3.9
PTEO	14nm,0.5s			Pn	Pn		01 57 54.1	-0.6
PTEO	Sao Teotonio	3.12	283	Lg	Lg		01 57 08.6	-1.8
PCBR	Castro Branco	3.55	326	ePn	Pn		01 58 05.7	-3.8
PCBR	17nm,1.0s,SNR=7.9			eSg	Sg		01 58 08.6	
PCBR	4.2nm,0.7s			Lg	Lg		01 58 20.8	-4.5
GUD	Guadarrama	3.75	9	Lg	Lg		01 58 20.8	-4.5
GUD	6.7nm,0.6s,SNR=7.9			Lg	Lg		01 58 20.8	-4.5
MTE	Manteigas	4.04	330	eSg	Sg		01 58 34.8	
MTE	9.0nm,0.5s			Lg	Lg		01 58 34.8	
MTE	Manteigas	4.04	330	Lg	Lg		01 58 34.8	
MTE	4.5nm,0.5s			Lg	Lg		01 58 34.8	
ETOR	Torete	4.47	29	Lg	Lg		01 58 34.8	
ETOR	12nm,0.5s,SNR=7.9			Lg	Lg		01 58 34.8	

NEIC 21 02:00:47.5, 3614Sx17790E, h195km, MG4.2(WEL), After

WEL

WEL 21 02:00:47.1±0.4, 3615S, 17788E, h198km, ML4.1/7,

Error ellipse: s-maj=9.1km s-min=5.8km az=90.0, Off

east coast of North Island

Code	Station Name	A°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
MXZ	Matakaoa Point	1.46	166	P	Pn		02 01 20.3	+0.1
MXZ	2.7nm,0.5s			Pn	Pn		02 01 45.7	-0.2
MXZ	Matakaoa Point	1.46	166	Pn	Pn		02 01 45.7	-0.2
MXZ	2.7nm,0.5s			SN	SN		02 01 45.7	-0.2
PUZ	Puketiti	1.95	171	P	Pn		02 01 25.0	+0.1
PUZ	1.95 171			P	Pn		02 01 25.0	+0.2
PUZ	Puketiti	1.95	171	Pn	Pn		02 01 53.6	-0.6
PUZ	2.20 196			P	Pn		02 01 28.1	+0.6
URZ	Urewera	2.20	196	P	Pn		02 01 28.1	+0.6
URZ	2.20 196			SN	SN		02 01 59.1	+0.2
MWZ	Matawai	2.20	187	P	Pn		02 01 28.1	+0.6
MWZ	2.20 187			S	SN		02 01 59.0	-0.1
MWZ	Matawai	2.20	187	Pn	Pn		02 01 28.1	+0.6
MWZ	4.5nm,0.5s			SN	SN		02 01 59.0	-0.1
KNZ	Kokoho	2.87	183	Pn	Pn		02 01 34.8	-0.2
KNZ	Black Stump Fm	3.21	200	ePn	Pn		02 01 39.2	+0.1
KNZ	Black Stump Fm	3.21	200	Pn	Pn		02 01 39.2	+0.1
MOVZ	Moawhango	3.67	207	Pn	Pn		02 01 44.3	-0.3
MOVZ	Moawhango	3.67	207	Pn	Pn		02 01 44.3	-0.3
PXZ	Pawarui	3.95	191	Pn	Pn		02 01 47.2	-1.0
WPZH	Waipukurau	4.07	196	Pn	Pn		02 01 48.9	-0.8
TSZ	Takapari Road	4.19	201	ePn	Pn		02 01 50.0	-1.1
BFZ	Birch Farm	4.71	195	ePn	Pn		02 01 56.2	-1.4
BFZ	Birch Farm	4.71	195	Pn	Pn		02 01 56.2	-1.4

MRZ	Mangatainoka R	4.86	201	ePn	Pn	02 01 57.7	-1.8
MRZ	Mangatainoka R	4.86	201	Pn	Pn	02 01 57.7	-1.9
KIW	Kapiti Island	5.25	205	Pn	Pn	02 02 02.7	-1.9
KIW	Kapiti Island	5.25	205	Pn	Pn	02 02 02.7	-1.9
CAW	Cannon Point	5.42	203	P	Pn	02 02 04.5	-2.3
CAW	Cannon Point	5.42	203	P	Pn	02 02 04.5	-2.3
TRWZ	Traveller	5.52	197	Pn	Pn	02 02 06.0	-1.9
TCW	Tory Channel	5.79	208	Pn	Pn	02 02 08.7	-2.8
TUWZ	Tuamarina	6.11	209	Pn	Pn	02 02 12.8	-2.8
THZ	Tophouse	6.82	213	ePn	Pn	02 02 23.0	-1.8
THZ	Tophouse	6.82	213	Pn	Pn	02 02 22.0	-2.8

ISC 21 02:24:23.6±1.2, 252S:12297E, h0km, mb3.6/5, mb1 3.9/6,

mb1mx3.7/16, mbtmp3.7/6, ML3.7/1, MS3.8/2, M1 3.8/2,

ms1mx2.9/23, Error ellipse: s-maj=122.4km s-min=20.0km

az=65.0

ISC/JB 21 02:24:26.4±0.7, 24S:02:1232E:04, h33km, mb3.8/5,

MS3.7/2, Error ellipse: s-maj=62.7km s-min=10.5km

az=130.0

NEIC 21 02:24:30.9±4.7, 256S:12307E, h58km, 47km, mb4.0/3,

Error ellipse: s-maj=59.2km s-min=13.0km az=57.0

ISC 21 02:24:28.9±0.7, 255.02:1231E:04, h35km, n14, c0F50/13,

mb3.1/2S, MS3.7/2, Sulawesi

Code Station Name A° AZ° Phase ID Op ISC Time Res

FITZ Fitzroy Crossi 15.69 171 ePn Pn 02 28 08.1 +0.9

FITZ Fitzroy Crossi 15.69 1

IDC 21 02:53:24.1-0.7, 1336N:121 53E, h0km, mb4.2/14, mb1 4.4/14, mb1mx3.2/21, mbtmp4.2/14, MS3.8/14, Ms1 3.8/14, ms1mx3.5/35, Error ellipse: s-maj=37.8km s-min=9.0km az=58.0

ISCJB 21 02:53:27.0-0.7, 1337N:003.121 53E.004, h31km,6km, mb4.6/35, MS3.8/16, Error ellipse: s-maj=7.7km s-min=5.2km az=128.0

MAN 21 02:53:26.3, 1340N:121 50E, h11km, mb3.4, ML4.6, MS1.4, BUI 21 02:53:27.0, 1340N:121 60E, h12km, mb4.9, mb4.6, Ms4.1, Ms2.0

MOS 21 02:53:28.8-3.1, 1313N:121 26E, h33km, mb4.9/11, Error ellipse: s-maj=21.9km s-min=9.3km az=117.7

ISC 21 02:53:26.7-0.8, 1337N:003.121 49E.004, h15km,6km, h25km, 1.7km, pp-P, n88, 0:699/87, mb4.6/35, MS3.8/16, 4C-2D, Mindoro

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include BOAC Boac, BOAC Tagaytay City, TGY Tagaytay City, OTRP Odiongan, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include XAN Xifan, CD2 Chengdu, PSI Prapat, JHJ Hachijo jima 2, BJT Baijiatuu, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include LZH Lanzhou, MDJ Mudanjiang, GJA Gaotai, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include WRAB Tennant Creek, WRAB Tennant Creek, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include GKN Gorkha, KAN Kakan, KMN Daman, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include ZAK Zalesovo, AAK Ala-Archa, BVAR Borovoye, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include BRVK Borovoye, BRVK Chkalovo, CHKZ Chkalovo, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include WSAR Wadi Sarin, GNI Garmi, IMA2 Indian Mountai, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include AKASO Malin Array Ba, INUVK Inuvik, NB2 NORSP Subarra, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include GERES GERRSS Array B, GRA1 Grafenberg Arr, GRF Grafenberg Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include PLCA Paso Flores, PLCA Paso Flores, CSEM 21 03:09:16.2, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include DUNU Dunderet, KUA Karsavaara, ERTU Ertjarsaev, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include LANU Hannavaara, HARU Harau, SJUU Sjuksmark, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include BOAC Boac, BOAC Tagaytay City, TGY Tagaytay City, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include MKAR Warramunga Arr, STKA Stephens Creek, BVAR Borovoye, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include ZRNK Zerenda, AKTK Aktyubinsk, AKTO Aktyubinsk, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include BOAC Boac, TGY Tagaytay City, TGY Tagaytay City, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include AUOP San Andres, OTRP Odiongan, LUBP Lubang, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include WRA Warramunga Arr, WB2 Warramunga Arr, GUN Gumba, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include PKI Pulchoki, SONM Songoing Array, KKN Kakan, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include AS31 Alice Springs, ASAR Alice Springs, MKAR Makanchi Array, etc.

ISCJB 21 03:12:38.6-0.3, 1341N:004.121 48E.003, h10km, mb4.1/10, MS3.4/3, Error ellipse: s-maj=6.0km s-min=2.9km az=75.7

IDC 21 03:12:38.6-1.1, 1330N:121 34E, h0km, mb3.9/7, mb1 4.0/7, mb1mx3.8/21, mbtmp3.9/7, MS3.5/3, Ms1 3.5/3, ms1mx3.1/34, Error ellipse: s-maj=145.2km s-min=9.5km az=65.0

MAN 21 03:12:38.2, 1347N:121 45E, h1km, mb3.2, ML4.4, MS1.9, NEIC 21 03:12:40.0-0.9, 1332N:121 36E, h10km, mb4.5/3, Error ellipse: s-maj=130.0km s-min=9.9km az=64.0

ISCJB 21 03:45:49.2-0.2, 135N:01.121 5E.01, h10km, mb4.0/6, MS3.5/1, Error ellipse: s-maj=22.1km s-min=7.1km az=85.5

IDC 21 03:45:49.9-1.1, 1349N:121 58E, h0km, mb4.0/5, mb1 4.0/5, mb1mx3.8/20, mbtmp4.0/5, MS3.5/1, Ms1 3.5/1, ms1mx2.9/34, Error ellipse: s-maj=59.7km s-min=10.6km az=2.0

NEIC 21 03:45:50.7-1.0, 1357N:121 61E, h10km, mb4.0/1, Error ellipse: s-maj=40.7km s-min=10.0km az=50.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include BOAC Boac, BOAC Tagaytay City, TGY Tagaytay City, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include OTRP Odiongan, AUOP San Andres, LUBP Lubang, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include WRA Warramunga Arr, WB2 Warramunga Arr, SONM Songoing Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include BOAC Boac, TGY Tagaytay City, TGY Tagaytay City, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include WRA Warramunga Arr, WB2 Warramunga Arr, GUN Gumba, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include PKI Pulchoki, SONM Songoing Array, KKN Kakan, etc.

LAZ	Ladron	27.66 324	eP	P	05 31 23.9 +1.4
LAZ	Albuquerque	27.69 326	P	P	05 34 39.1 +0.8
ANMO	comp=E,2.6nm,0.6s,mb4.1,baz=136,slow=11,SNR=16		P	P	05 31 22.3 -0.4
ANMO	comp=E,2.3nm,0.5s,baz=117,slow=3.8,SNR=6.0		P	P	05 34 38.3 -0.1
ANMO	comp=E,1.9nm,21.9s,MS3.2,baz=181,slow=41		LR	LR	05 44 26.6
ANMO	Albuquerque	27.69 326	eP	P	05 31 23.8 +1.1
ANMO	comp=E,3.2nm,0.7s,mb4.1		P	P	05 34 38.6 +0.2
MCWV	Mont Chateau	27.77 14	eP	P	05 31 23.4 0.0
MCWV	comp=E,3.4nm,0.6s,mb5.2		P	P	05 31 23.9 -1.1
CBKS	Cedar Bluff	27.96 340	eP	P	05 31 23.9 -1.1
CBKS	comp=E,1.2nm,0.5s,mb4.8		P	P	05 31 23.9 -0.5
CBKS			P	P	05 34 38.2 -0.9
TUC	Tucson	28.52 317	eP	P	05 31 34.5 +4.4
TUC	comp=E,6.3nm,1.0s,mb4.3		P	P	05 31 34.7 +0.6
BBSR	BB Station	28.98 44	eP	P	05 31 34.7 +0.6
BBSR	comp=E,3.2nm,0.7s,mb5.2		P	P	05 31 35.8 +1.1
MVL	Millersville	29.04 19	eP	P	05 31 36.3 +0.4
SSPA	Standing Stone	29.18 16	eP	P	05 31 36.7 -0.2
SSPA	comp=E,1.3nm,0.6s,mb4.2		P	P	05 31 38.1 +0.5
116A	Eloy	29.30 316	UP	P	05 31 52.2 +0.3
SDCO	Great Sand Dun	29.37 331	eP	P	05 34 42.5 -0.1
SDCO	comp=E,1.0nm,0.6s,mb4.7		P	P	05 31 37.4 -0.5
SDCO			P	P	05 31 39.6 -0.8
SCIA	State Center	29.40 352	eP	P	05 31 43.2 -1.0
SCIA	comp=E,1.4nm,0.5s,mb5.0		P	P	05 31 46.6 +1.3
AAM	Ann Arbor	29.69 7	eP	P	05 31 47.8 +0.5
AAM	comp=E,2.6nm,0.5s,mb4.2		P	P	05 34 45.7 +0.3
JFWS	Jewell Farm	30.12 357	eP	P	05 31 48.2 +0.8
JFWS	comp=E,1.0nm,0.6s,mb4.7		P	P	05 31 49.9 0.0
BRNJ	Basking Ridge	30.24 21	eP	P	05 31 50.9 +0.4
BRNJ	Mesa Verde	30.47 327	eP	P	05 31 52.3 +0.8
BRNJ	comp=E,5.4nm,0.6s,mb4.5		P	P	05 31 52.6 +0.7
MVCO	Mesa Verde	30.47 327	eP	P	05 31 53.7 +1.0
MVCO	comp=E,3.1nm,0.7s,mb4.6		P	P	05 32 07.5 +0.4
PAL	Palisades	30.76 21	eP	P	05 32 04.5 +0.4
PAL	comp=E,1.9nm,0.6s,mb5.1		P	P	05 31 54.0 +0.5
X15A	Humboldt	30.82 319	UP	P	05 31 54.7 +0.9
X15A	comp=E,1.2nm,0.7s,mb4.8		P	P	05 34 47.6 +0.2
WUJAZ	Wupatki	30.94 321	UP	P	05 31 54.6 +0.5
WUJAZ	comp=E,1.2nm,0.7s,mb4.8		P	P	05 31 57.2 +1.1
Y14A	Wickenburg	30.99 317	UP	P	05 31 57.2 +1.1
Y14A	comp=E,1.2nm,0.7s,mb4.8		P	P	05 31 59.1 +0.7
ISCO	Idaho Springs	31.09 333	eP	P	05 31 58.8 +0.4
ISCO	comp=E,1.2nm,0.7s,mb4.6		P	P	05 31 56.9 -1.7
ISCO			P	P	05 34 47.1 -1.7
ISCO			P	P	05 31 59.7 +0.5
ISCO			P	P	05 31 59.9 0.0
BINGO	Binghamton	31.16 17	eP	P	05 31 59.7 -0.5
BINGO	Snowmass	31.21 331	eP	P	05 32 01.3 +0.8
BINGO	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 03.9 +0.8
SMCO	Yava	31.24 318	UP	P	05 32 18.1 +0.5
SMCO	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 04.7 +1.6
Y13A	Salome	31.47 316	P	P	05 32 05.6 +0.4
Y13A	comp=E,3.2nm,SNR=5.3		P	P	05 32 05.9 +0.2
GLA	Glamis	31.73 314	UP	P	05 32 09.5 +0.4
GLA	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 09.5 +0.4
ECSD	EROS,Stioux Fal	31.75 348	eP	P	05 32 11.3 +1.2
ECSD	comp=E,1.2nm,0.6s,mb4.9		P	P	05 32 12.8 +0.8
ECSD			P	P	05 32 13.2 +0.8
W14A	Seligman	31.82 319	UP	P	05 32 26.4 -0.4
W14A	comp=E,2.6nm,0.7s,mb5.3		P	P	05 34 52.5 -0.7
Y12C	Blythe	31.91 315	UP	P	05 32 13.9 +0.5
Y12C	comp=E,1.2nm,0.7s,mb4.8		P	P	05 34 54.2 +0.7
X13A	Yucca	31.93 317	UP	P	05 32 15.0 +1.1
X13A	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 16.1 +0.2
PDMC	Parker Dam,Lak	31.96 317	UP	P	05 32 16.0 -0.4
PDMC	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 17.6 +1.0
PHWY	Pilot Hill	32.26 335	eP	P	05 32 18.1 +1.2
PHWY	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 20.0 +0.5
W13A	Hualapai Mount	32.27 318	UP	P	05 34 54.5 -1.0
W13A	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 20.0 +0.1
BC3	Big Chuckw Mtn	32.50 314	UP	P	05 34 56.4 +0.7
BC3	comp=E,3.3nm,SNR=6.4		P	P	05 32 20.9 +0.2
IRM	Iron Mountain	32.57 315	UP	P	05 34 56.9 -1.0
IRM	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 20.4 -0.3
SRU	San Rafael	32.95 327	eP	P	05 32 22.1 +0.9
SRU	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 25.4 +0.8
W12A	Cal Nev Ari	33.04 317	UP	P	05 32 26.7 +0.9
W12A	comp=E,1.2nm,0.7s,mb4.8		P	P	05 34 57.7 0.0
BELC	Belle Mtn.	33.06 314	UP	P	05 32 26.6 +0.4
BELC	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 26.1 -0.2
Y12C	Nelson	33.28 318	UP	P	05 47 06.6
Y12C	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 26.2 -0.1
RWWY	Rawlins	33.33 333	eP	P	05 32 27.1 +0.6
RWWY	comp=E,2.6nm,0.7s,mb5.3		P	P	05 32 27.5 +1.0
RWWY			P	P	05 32 27.9 +0.7
RWWY			P	P	05 32 27.7 +0.6
MSU	Marysvalle	33.44 324	eP	P	05 32 27.9 +0.7
MSU	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 27.7 +0.6
U12A	Valley of Fire	33.50 319	UP	P	05 32 27.9 +0.7
U12A	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 27.7 +0.6
V11A	Goodsprings	33.72 318	UP	P	05 32 27.9 +0.7
V11A	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 27.7 +0.6
LONY	Lake Ozonia	33.79 17	eP	P	05 32 27.9 +0.7
LONY	comp=E,8.9nm,0.6s,mb4.9		P	P	05 32 27.7 +0.6
TUQ	Turquoise Mtn.	33.81 317	UP	P	05 32 27.9 +0.7
TUQ	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 27.7 +0.6
BBRC	Big Bear Sol-O	33.85 314	UP	P	05 32 27.9 +0.7
BBRC	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 27.7 +0.6
RSSD	Black Hills	34.15 339	eP	P	05 32 27.9 +0.7
RSSD	comp=E,1.0nm,0.5s,mb5.0		P	P	05 32 27.7 +0.6
MPU	Maple Canyon	34.19 327	eP	P	05 32 27.9 +0.7
MPU	comp=E,5.4nm,0.6s,mb4.7		P	P	05 32 27.7 +0.6
MPU			P	P	05 32 27.9 +0.7
DAU	Daniels Canyon	34.28 328	eP	P	05 32 27.9 +0.7
DAU	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 27.7 +0.6
FRNY	Flat Rock	34.28 18	eP	P	05 32 27.9 +0.7
FRNY	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 27.7 +0.6
GSC	Goldstone	34.34 316	UP	P	05 32 27.9 +0.7
GSC	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 27.7 +0.6
CTU	Camp Tracy	34.74 328	eP	P	05 32 27.9 +0.7
CTU	comp=E,8.1nm,0.6s,mb4.8		P	P	05 32 27.7 +0.6
TCUT	Toone Canyon	34.88 328	eP	P	05 32 27.9 +0.7
TCUT	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 27.7 +0.6
EDW2	Edwards Air Fo	34.92 314	UP	P	05 32 27.9 +0.7
EDW2	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 27.7 +0.6
LPJAZ	La Paz	34.93 145	P	P	05 32 27.9 +0.7
LPJAZ	comp=E,1.0nm,0.4s,mb4.1,baz=303,slow=7.7,SNR=6.3		LR	LR	05 47 06.6
LPJAZ	comp=E,6.3nm,19.4s,MS3.4,baz=48,slow=37		LR	LR	05 32 26.2 -0.1
DUG	Dugway	34.96 326	eP	P	05 32 27.9 +0.7
DUG	comp=E,2.9nm,0.9s,mb4.2		P	P	05 32 27.1 +0.6
DUG			P	P	05 32 27.5 +1.0
FURC	Furnace Creek	35.03 317	UP	P	05 32 27.9 +0.7
FURC	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 27.7 +0.6
LRMC	Laurel Mountai	35.03 315	UP	P	05 32 27.9 +0.7
LRMC	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 27.7 +0.6
EYMN	Ely	35.21 356	eP	P	05 32 27.9 +0.7
EYMN	comp=E,9.9nm,0.6s,mb4.9		P	P	05 32 29.7 +1.0
MPMC	Manual Prospec	35.22 316	P	P	05 32 28.9 0.0
MPMC	comp=E,7.8nm,0.6s,mb4.8		P	P	05 32 28.2 -0.7
BW06	Boulder Array	35.24 332	eP	P	05 32 42.8 -0.7
BW06	comp=E,7.8nm,0.6s,mb4.8		P	P	05 34 57.5 -1.1
PDAR	Pinedale Array	35.24 332	P	P	05 49 36.4
PDAR	comp=E,1.2nm,1.2s,baz=134,slow=8.5,SNR=6.4		LR	LR	05 32 28.2 -0.7
PDAR	comp=E,1.2nm,0.6s,baz=140,slow=4.9,SNR=8.0		LR	LR	05 32 28.2 -0.7
PDAR	comp=E,1.9nm,18.5s,MS3.7,baz=146,slow=41		LR	LR	05 34 57.5 -1.1
PDAR			LR	LR	05 49 36.4
PDAR			P	P	05 32 28.2 -0.7
PDAR			P	P	05 34 57.5 -1.1
PDAR			P	P	05 49 36.4
PDAR			P	P	05 32 29.6 0.0
HWUT	Hardware Ranch	35.32 329	eP	P	05 34 58.3 -0.6
HWUT	comp=E,2.5nm,0.7s,mb5.3		P	P	05 32 32.2 +0.2
BGU	Big Grass Mout	35.59 327	eP	P	05 32 33.1 +0.6
BGU	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 33.8 +1.2
P12A	McGill	35.66 323	UP	P	05 32 33.3 +0.6
P12A	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 33.3 +0.6
GRAC	Grapevine Rang	35.67 318	UP	P	05 32 33.3 +0.6
GRAC	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 33.3 +0.6
ISA	Isabella	35.67 315	UP	P	05 32 33.3 +0.6
ISA	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 33.3 +0.6
Q11A	Duckwater	35.70 322	UP	P	05 32 33.3 +0.6
Q11A	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 33.3 +0.6
R10A	Warm Springs	35.75 320	UP	P	05 32 32.5 -0.8
R10A	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 35.6 +0.5
AHID	Auburn Hatcher	35.96 331	eP	P	05 35 00.2 -0.6
AHID	comp=E,5.4nm,0.6s,mb5.7		P	P	05 32 35.4 0.0
S09A	Goldfield	35.99 319	UP	P	05 32 34.2 -1.6
S09A	comp=E,1.6nm,0.6s,mb5.1		P	P	05 32 49.6 -0.7
AGMM	Agassiz Refuge	36.03 351	eP	P	05 34 59.2 -1.8
AGMM	comp=E,2.6nm,0.6s,mb5.3		P	P	05 32 35.7 -0.3
AGMM			P	P	05 32 35.7 -0.3
HVU	Hansel Valley	36.06 328	eP	P	05 35 00.4 -0.7
HVU	comp=E,1.1nm,0.6s,mb5.0		P	P	05 32 36.1 -0.1
O12A	Currie	36.09 324	UP	P	05 32 36.6 0.0
O12A	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 37.4 +0.4
PKME	Peaks-Kenny Pk	36.13 23	eP	P	05 32 36.9 -0.1
PKME	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 37.7 +0.5
N13A	Wendover, West	36.18 326	UP	P	05 32 37.4 +0.4
N13A	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 36.9 -0.1
YES	Vestal, Richgr	36.19 315	UP	P	05 32 37.4 +0.4
YES	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 37.4 +0.4
R09A	Topnah	36.20 320	UP	P	05 32 37.4 +0.4
R09A	comp=E,1.2nm,0.7s,mb4.8		P	P	05 32 37.4 +0.4
REDW	Red Top Meadow	36.30 331	eP	P	05 32 37.4 +0.4
REDW	comp=E,1.39nm,0.6s		P	P	05 32 38.2 +0.2
REDW			P	P	05 35 00.8 -1.0
SNOW	Snow King Moun	36.33 332	eP	P	05 32 38.9 +0.6
SNOW	comp=E,1.63nm,0.6s		P	P	05 32 53.4 +0.5
SNOW			P	P	05 35 01.4 -0.5
SNOW			P	P	05 32 38.8 +0.1
LOHW	Long Hollow	36.38 332	eP	P	05 35 01.0 -1.1
LOHW	comp=E,3.8nm,0.6s,mb5.5		P	P	05 32 39.6 +0.4
LOHW			P	P	05 35 02.0 -1.1
TPAW	Teton Pass	36.44 332	eP	P	05 35 02.0 -1.1
TPAW	comp=E,5.6nm,0.6s,mb5.7		P	P	05 32 39.6 +0.4
TPAW			P	P	05 32 40.2 +0.2
TPAW			P	P	05 35 02.0 -1.1

21d 6h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Port Angeles, Mount Constitu, Fort Churchill, Sidre, Brasilia, etc.

2006 OCT

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KMI, FITZ, CHTO, MBWA, etc.

750

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like RLS, ITM, VLS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like La Foliniere, GRR, Saint Gilles, etc.

ISCJB 21 07:26:21.8, 2.4, 297S.0.1x1793W.0, h183km, 25km, mb3.2/3, Error ellipse: s-maj=42.0km s-min=17.0km

IDC 21 07:27:07.4, 3.3, 3033S, 17957E, h654km, 381km, mb2.4/3, mb1.2/3, mb1mx2.6/1.1, mbtmp3.5/3, Error ellipse: s-maj=269.2km s-min=32.3km az=53.0

ISC 21 07:26:26.5, 3.1, 299S, 02:1796W.0, h196km, 30km, n11, c0594/12, mb2.9/3, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Puz, Matawai, Urewera, etc.

ISCJB 21 07:26:35.8, 0.3, 4025N, 002:2798E, 002, h15km, 3km, Error ellipse: s-maj=2.9km s-min=2.2km az=12.5

CSEM 21 07:30:35.7, 0.1, 4027N, 2798E, h5km, MD3.4, Error ellipse: s-maj=1.8km s-min=1.1km az=179.0

SOF 21 07:30:36.6, 4.010N, 2765E, h10km, MD2.8

NEIC 21 07:30:36.0, 4.029N, 2800E, h8km, MD3.7(A7H), ML3.4(ISK), After ISK

ISK 21 07:30:36.1, 4.029N, 2800E, h8km, MD3.4

ATH 21 07:30:38.1, 4.026N, 2786E, h30km, 6km, MD3.6/5

THE 21 07:30:38.2, 4.020N, 2811E, h23km, ML3.2

ISC 21 07:30:38.4, 0.3, 4026N, 002:2798E, 002, h15km, 2km, n67, c0595/103, 3C, Turken

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like EDC, KCT, MARM, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Catalca, Buyukada, Izmir, etc.

NAO 21 07:42:11.4, 3637N, 2599E, h33km, mb3.9

IDC 21 07:42:31.8, 1.3, 3834N, 2200E, h0km, mb3.6/7, mb1.3/6/8, mb1mx3.6/23, mbtmp3.6/8, ML3.1/1, MS2.9/3, M1 2.9/3, ms1mx2.4/37, Error ellipse: s-maj=28.6km s-min=25.4km

ATH 21 07:42:32.5, 3835N, 2200E, h12km, 1km, MD3.6/18, ML3.5

ISCJB 21 07:42:33.2, 0.3, 3835N, 002:2202E, 003, h10km, mb3.6/7, MS3.0/1, Error ellipse: s-maj=2.9km s-min=2.3km az=162.5

CSEM 21 07:42:33.0, 0.1, 3836N, 2204E, h2km, ML3.5, Error ellipse: s-maj=1.7km s-min=1.2km az=71.0

THE 21 07:42:33.9, 3839N, 2214E, h1km, ML3.4

NEIC 21 07:42:34.0, 3838N, 2196E, h10km, ML3.5(CSEM), ML3.5(ATH), ML3.8(TH), After ATH

ISC 21 07:42:33.8, 0.3, 3834N, 002:2201E, h003, h0km, n71, c1908/106, mb3.6/7, MS3.0/1, Greece

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like RLS, RLS, Evrytania, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Litokhoron, Kozani, etc.

NEIC 21 08:02:12.4, 1918N, 6466W, h5km, MD3.5(RSPR), After RSPR

RSPR 21 08:02:12.4, 1918N, 6466W, h5km, 31km, MD3.5/14, MD3.5/14, 14C-1D, Virgin Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Monte Pirata, St. Croix, etc.

ISCJB 21 08:09:55.9, 1.0, 1305N, 010:1449E, 02, h79km, 7km, mb4.0/15, Error ellipse: s-maj=29.7km s-min=15.6km az=166.0

IDC 21 08:09:56.1, 1.0, 1308N, 14504E, h66km, 6km, mb3.8/13, mb1.4/3, mb1mx3.9/21, mbtmp4.1/13, MS3.3/2, Ms1 3.3/2, ms1mx2.7/28, Error ellipse: s-maj=29.2km s-min=15.2km az=81.0

NEIC 21 08:09:56.8, 1.2, 1309N, 14499E, h75km, 9km, 4.6/1, Error ellipse: s-maj=24.8km s-min=13.4km az=83.0

ISC 21 08:09:57.1, 0.9, 1311N, 010:1450E, 02, h77km, 6km, n22, c1514/22, mb4.0/15, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GUMU, MJAR, ASAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Keshet, Nahal Hemdat, Rachaya, Bhannes, Dead Sea, Hawqa.

IDC 21 11:52:59.8-0.6, 120N-97.03E, h0km, mb4.3/18, mb1.4/5.19, mb1mx4.3/24, mbtmp4.3/19, ML4.0/1, MS4.0/7, Ms1.4/0.7, ms1mx3.5/34, Error ellipse: s-maj=20.4km s-min=12.9km az=49.0

Main table for 21d 11h section, listing station codes (PSI, PPI, BSI, etc.), station names, coordinates, and various data points.

Main table for 2006 OCT section, listing station codes (NJ2, THN, KAKA, etc.), station names, coordinates, and various data points.

Main table for 758 section, listing station codes (MAJO, MAT, MJAR, etc.), station names, coordinates, and various data points.

Table with columns: AAK, Ala-Archa, 42.10 338 eP, P, 14 54 18.2 +0.5, etc. Includes stations like Makanchi Array, Songino Array, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Deep Cove, Wether Hill Ro, Mavora Lakes, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Tagaytay City, Warramunga Arr, Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Urumqi, Matakaoa Point, Black Stump Fm, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Urewera, Matakaoa Point, Warramunga Arr, etc.

Table with columns: MSWZ, Moikau Station, 4.16 195 PN, Pn, 15 44 58.4 -2.9, etc. Includes stations like South Karori, South Karori, etc.

ISCJJB 21 15:33:14.5:0.7, 5.2S:0.1x1027E:02, h42km, mb4.3/18, Error ellipse: s-maj=30.3km s-min=8.6km az=96.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Prapat, Kina Kinabalu, Fitzroy Crossi, etc.

ISC 21 15:33:16.6:0.7, 5.3S:0.1x1026E:01, h44km, h44km, 2.0km:pp-P, n29, 0.994/27, mb4.3/18, Southern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Daman, Kani, Gorkha, Koldanda, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Tagaytay City, Warramunga Arr, Alice Springs, etc.

ISC 21 15:40:57.2:0.6, 18.34N:119.37E, h0km, mb4.1/16, mb1.4/3.17, mb1mx4.2/24, mbtmp4.1/17, ML4.6/1, MS3.7/5, Ms1.3/7.5, ms1mx3.3/22, Error ellipse: s-maj=39.4km s-min=12.4km az=67.0

MAN 21 15:40:00.0, 18.22N:119.14E, h15km, mb4.0, ML5.0, MS5.0 MOS 21 15:41:02.6:0.9, 18.25N:119.31E, h33km, mb5.0/23, Error ellipse: s-maj=16.1km s-min=6.6km az=111.5

NEIC 21 15:41:01.6:0.2, 18.35N:119.47E, mb4.6/28, Error ellipse: s-maj=9.5km s-min=4.9km az=76.0

ISCJJB 21 15:41:02.6:0.7, 18.23N:119.37E, h49km, 7km, mb4.5/1, MS3.8/11, Error ellipse: s-maj=8.9km s-min=5.6km az=135.9

BUI 21 15:41:06.4, 18.86N:119.32E, h42km, mb4.6, mb4.4, ML3.9, Ms4.1, Ms3.9

ISC 21 15:41:03.7:0.6, 18.82N:119.32E:005, h44km, 6km, h32km, 8km:pp-P, n121, 1.102/130, mb4.5/51, MS3.8/11, 2C-3D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Dolores, Bolinao, Baguio City Da, etc.

Table with columns: XAN, Xi'an, 18.25 331 P, Pn, 15 45 12.3 -1.3, etc. Includes stations like Kuching, Chengdu, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Prapat, Kina Kinabalu, Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Daman, Kani, Gorkha, Koldanda, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Tagaytay City, Warramunga Arr, Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Urumqi, Matakaoa Point, Black Stump Fm, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Urewera, Matakaoa Point, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Urumqi, Matakaoa Point, Black Stump Fm, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Urewera, Matakaoa Point, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Urewera, Matakaoa Point, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Urewera, Matakaoa Point, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Urewera, Matakaoa Point, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Urewera, Matakaoa Point, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Urewera, Matakaoa Point, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Urewera, Matakaoa Point, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like MBWA Marble Bar, XAN Xi'an, BJT Baijiautau, etc.

BJI 21 18:03:51.7, 1012Sx12390E, h10km, mb4.6, mb4.6, Ms4.8, Ms4.9

ISCJB 21 18:03:56.0, 0.3, 924S, 006, 12389E, 0.09, h10km, mb4.5/30, MS4.9/1, Error ellipse: s-maj=14.9km s-min=5.4km az=121.6

IDC 21 18:03:56.9, 0.7, 921S, 12366E, h0km, mb4.2/10, mb1.4/4/12, mb1mx4.3/18, mbtmp4.3/12, ML4.7/2, MS3.9/2, Ms1.3/9.2, ms1mx3.2/32, Error ellipse: s-maj=39.2km s-min=15.0km az=62.0

NEIC 21 18:03:59.2, 0.3, 923S, 12367E, mb4.5/15, Error ellipse: s-maj=12.6km s-min=5.7km az=56.0

ISC 21 18:04:00.5, 0.3, 945S, 006, 12414E, 0.08, h35km, (h8km, 8.2km, pP-P), n58, r137/66, mb4.5/30, MS4.9/4,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like FITZ Fitzroy Crossi, KAKA Kakao, MBWA Marble Bar, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like KOLN Koldanda, MDJ Muanjingan, MDJ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like BOAC Boac, BOAC, PGP, etc.

21d 19h

ISC 21 18:27:47.6:1.0, 1335N:004.12135E:006, h15km, 6km, n96, c1517/92, mb4.9, 40, 2C-5D, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like Puerto Galera, Tagaytay City, Tagaytay City, etc.

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Table with columns: CRVS, HFS, KECS, KECS, PSZ, PSZ, NB2, NB2, NOA, RES, TXAR, TXAR, PLCA, LPAZ, LPAZ, SIV. Lists stations like Cerivenica-Dubn, Kecovo, Piszkesteto, etc.

NEIC 21 18:50:13.0, 3866N:2660E, h19km, MD3.1(ISK), MD3.3(ATH), After ISK.

ISCJBJ 21 18:50:14.9:0.5, 3869N:002-2656E:006, h21km, 5km, Error ellipse: s-maj=7.5km s-min=3.5km az=148.4

CSEM 21 18:50:14.4:0.1, 3870N:2676E, h20km, MD3.1, Error ellipse: s-maj=3.2km s-min=1.5km az=61.0

ATH 21 18:50:14.3, 3865N:2662E, h24km, 1km, MD3/5 ISK 21 18:50:14.4, 3822N:2662E, h32km, MD3.1

ISC 21 18:50:14.8:0.5, 3869N:002-2657E:005, h16km, 3km, n24, c1508/33, Aegean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Izmir, Parakevi, Parakevi, etc.

NEIC 21 19:01:32.1, 1824N:10353W, h5km, MD4.2(MEX), After MEX.

MEX 21 19:01:33.2:0.7, 1828N:10348W, h7km, 5km, MD4.2, Near coast of Micoacan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like MMIG, MMIG, CJM, CJM, etc.

ISC 21 19:04:52.6:2.1, 0, 1201N-8767W, h0km, mb3.9/4, mb1.4/2.4, mb1mx3.8/20, mbtmp3.9/4, Error ellipse: s-maj=359.7km s-min=68.3km az=170.0

CASC 21 19:04:57.9:4.1, 1219N:8818W, h116km, 68km, MD4.1, ML3.5

ISCJBJ 21 19:04:59.9:1.7, 121N:01-882W:0.1, h52km, 18km, mb3.9/4, Error ellipse: s-maj=26.1km s-min=15.6km az=61.7

ISC 21 19:04:59.6:2.8, 122N:02-8824W:008, h31km, 26km, n24, c1524/20, mb3.9/4, 2C-3D, Off coast of central America

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like CNCH, CNCH, CRIN, CRIN, etc.

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Table with columns: SNET, SNET, BOQS, BOQUERON, MGAN, MGAN, MGAN, TICN, SBLS, SBLS, APONO, APONO, SNJE, RTR, RTR, SSNN, CONN, CONN, TXAR, TXAR, TKL, PDAR, ULM. Lists stations like Serv Nac Est T, Boqueron, Managua, etc.

ISC 21 19:05:12.6:1.0, 1332N:12144E, h0km, mb3.9/7, mb1.4/1.7, mb1mx3.8/20, mbtmp3.9/7, Error ellipse: s-maj=115.1km s-min=9.5km az=61.0

NEIC 21 19:05:13.6:0.6, 1347N:12168E, h10km, mb4.5/6, Error ellipse: s-maj=25.9km s-min=9.0km az=57.0

MAN 21 19:05:13.1, 1341N:12147E, h3km, mb3.1, ML4.4, MS2.4 ISCBJ 21 19:05:14.2:0.6, 1339N:003-12150E:004, h2km, 5km, c1508/33, Aegean Sea

ISC 21 19:05:13.3:0.6, 1336N:003-12145E:003, h3km, 5km, n38, c1524/42, mb4.2/13, 2C, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like BOAC, BOAC, TAGY, TAGY, TAGY, etc.

ISC 21 19:18:54.5:0.7, 1334N:12136E, h0km, mb4.1/11, mb1.4/2.1, mb1mx4.0/23, mbtmp4.1/11, Error ellipse: s-maj=34.9km s-min=11.0km az=63.0

NEIC 21 19:18:55.9:0.6, 1346N:12161E, h10km, mb4.7/14, Error ellipse: s-maj=12.1km s-min=7.3km az=67.0

MAN 21 19:18:55.8, 1343N:12149E, h2km, mb3.7, ML4.8, MS1.8 ISCBJ 21 19:18:56.9:0.6, 1346N:003-12150E:004, h24km, 5km, mb4.5/35, MS4.4/3, Error ellipse: s-maj=6.9km s-min=4.1km az=111.8

BUI 21 19:18:57.8, 1350N:12160E, h10km, mb4.9, mb4.5, MS4.6, MS4.4

ISC 21 19:18:56.8:0.7, 1346N:003-12149E:004, h11km, 5km, h18km, 3.7km, pp-P, n77, c1913/83, MS4.4/3, 2C-2D, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like BOAC, BOAC, TAGY, TAGY, TAGY, etc.

VRHR	comp=Z,60nm,0.8s,mb5.6		pmax	pmax					
VRHR	comp=N,20nm,0.7s		pmax	pmax					
VRHR	comp=E,50nm,0.9s		pmax	pmax					
G08A	Pilot Rock	80.09	45	P	P	19 47 58.6	+0.1		
B10A	Chitwood Farm,	80.10	42	↑P	P	19 47 58.4	-0.2		
K06A	Valley Falls	80.10	48	↑P	P	19 47 58.8	+0.2		
I07A	Izee	80.16	46	↑P	P	19 47 59.0	+0.2		
E09A	Wood Farm, Sta	80.17	44	↑P	P	19 47 59.0	0.0		
NEW	Newport	80.18	42	↑P	pmax	19 47 58.7	-0.3		
NEW	comp=Z,34nm,1.0s								
NEW	Newport	80.18	42	↑P	P	19 47 58.6	-0.3		
C10A	Spilker Farm,	80.23	42	↑P	P	19 47 58.9	-0.3		
SUTB	Sutter Butte,	80.26	52	↑P	P	19 47 59.0	-0.4		
Q03C	Winters	80.30	52	↑P	P	19 47 59.5	-0.1		
ORV	Oroville	80.35	51	P	P	19 47 59.6	-0.3		
O04C	Chester	80.38	50	↑P	P	19 48 00.4	+0.3		
MOS	Moscow	80.41	326	eP	P	19 47 56.9	-3.3		
EDM	Edmonton	80.47	36	eP	P	19 48 00.2	-0.3		
M06C	Likely Place G	80.51	49	↑P	P	19 48 01.0	+0.2		
ELFS	Eagle Lake Fie	80.53	50	↑P	P	19 48 01.4	+0.5		
J07A	Hines	80.54	47	P	P	19 48 01.5	+0.6		
JRSC	Jasper Ridge	80.55	54	↑P	P	19 48 00.7	-0.3		
H08A	Prairie City	80.56	46	↑P	P	19 48 01.3	+0.3		
B11A	Sandpoint	80.58	42	↑P	P	19 48 01.3	+0.2		
F09A	S2 Ranch, Elgi	80.62	45	↑P	P	19 48 01.4	0.0		
O05C	Quincy	80.63	51	↑P	P	19 48 01.3	-0.1		
BDM	Black Diamond	80.64	53	↑P	P	19 48 01.6	+0.1		
Q04C	Lincoln	80.69	52	↑P	P	19 48 01.9	+0.1		
A12A	Yaak River Ran	80.83	41	↑P	P	19 48 02.9	+0.5		
K07A	Rock Creek Ran	80.83	48	↑P	P	19 48 02.7	+0.2		
I08A	Drewsey	80.85	46	↑P	P	19 48 02.9	+0.3		
F10A	Beach Ranch, E	80.97	44	↑P	P	19 48 03.1	-0.1		
L07A	Adell	81.01	48	↑P	P	19 48 04.0	+0.6		
B12A	Libby	81.04	41	↑P	P	19 48 03.7	+0.1		
BEKR	Beckworth	81.07	51	↑P	P	19 48 03.8	0.0		
J08A	Circle Bar Ran	81.11	47	P	P	19 48 04.3	+0.4		
N06A	Buffalo Meadow	81.12	50	↑P	P	19 48 04.2	+0.1		
H09A	Durkee	81.17	45	P	P	19 48 04.5	+0.3		
LAVA	Lava Cap Winer	81.19	52	↑P	P	19 48 04.5	+0.1		
S04C	Ingram Canyon,	81.20	53	↑P	P	19 48 04.6	+0.2		
OBN	Obninsk	81.22	326d	iP	P	19 48 03.8	-0.8		
OBN				eS	S	19 48 09.6			
OBN				eS	S	19 58 07.7	-4.0		
OBN	comp=Z,29nm,0.8s,mb5.3				pmax				
OBN	comp=Z,600nm,15.0s,MS5.1	81.22	326	iP	LR	19 48 03.8	-0.8		
OBN				LR	LR				
BMO	Blue Mountains	81.34	45j	eP	pmax	19 48 04.9	-0.3		
BMO	comp=Z,45nm,1.3s,mb5.2				pmax				
BMO	Blue Mountains	81.34	45j	eP	pmax	19 48 04.8	-0.3		
K08A	Mann Creek Ran	81.47	47	P	P	19 48 05.5	+0.3		
O06A	Flanigan	81.34	50	P	P	19 48 05.6	+0.4		
WVOR	Wild Horse Val	81.34	48	eP	pP	19 48 04.8	-0.4		
WVOR				eP	pmax	19 48 18.8	+1.1		
WVOR	comp=Z,37nm,1.2s,mb5.2				pmax				
WVOR	Wild Horse Val	81.34	48	eP	pP	19 48 04.8	-0.4		
WVOR	comp=Z,37nm,1.2s,mb5.2				eP	19 48 18.8	+1.1		
M07A	Soldier Meadow	81.36	49	↑P	P	19 48 05.6	+0.3		
I09A	Lost Marbles R	81.38	46	↑P	P	19 48 05.4	0.0		
PACP	Pacheco Peak	81.40	54	↑P	P	19 48 05.8	+0.3		
C12A	Trout Creek	81.41	42	↑P	P	19 48 05.2	-0.4		
HAST	UC Hastings Re	81.43	54	↑P	P	19 48 05.8	+0.2		
VRSR	Storozhevoje	81.44	322d	iP	P	19 48 04.6	-1.1		
VRSR	comp=N,30nm,0.9s				pmax				
VRSR	comp=E,50nm,0.9s				pmax				
VRSR	comp=Z,50nm,0.9s,mb5.4				pmax				
P06A	Stead Airport,	81.47	51	↑P	P	19 48 06.3	+0.4		
VORD	Divnogorie	81.49	322	eP	P	19 48 04.9	-1.1		
VORD	comp=Z,40nm,1.0s,mb5.3				pmax				
VORD	comp=N,5.0nm,0.7s				pmax				
VORD	comp=E,30nm,0.8s				pmax				
A13A	Flathhead Natio	81.58	41	↑P	P	19 48 06.9	+0.5		
J09A	Fry Pan Ranch,	81.61	47	↑P	P	19 48 06.6	0.0		
L08A	Fields	81.64	48	↑P	P	19 48 07.0	+0.3		
R05C	Kirkwood Meado	81.69	52	↑P	P	19 48 07.2	+0.2		
WCN	Washoe City	81.70	51	↑P	P	19 48 07.6	+0.5		
CMB	Columbia Colle	81.70	52j	↑P	pmax	19 48 07.0	-0.1		
CMB	comp=Z,55nm,1.2s,mb5.4				pmax				
CMB	Columbia Colle	81.70	52j	↑P	P	19 48 07.2	+0.1		
N07B	Geirfach	81.72	49	↑P	P	19 48 07.6	+0.4		
B13A	Whitefish	81.77	41	P	P	19 48 08.0	+0.6		
V03C	Hunter Liggett	81.80	55	↑P	P	19 48 08.1	+0.5		
WALA	Waterton Lakes	81.83	40j	eP	pmax	19 48 08.0	+0.2		
K09A	Rome	81.87	47	↑P	P	19 48 08.0	0.0		
M08A	Happy Creek Ra	81.89	49	↑P	P	19 48 08.3	+0.2		
C13A	Hot Springs	81.98	42	P	P	19 48 08.7	+0.2		
S05C	Mercer	82.00	53	↑P	P	19 48 08.5	-0.1		
O07A	Toulon	82.02	50	P	P	19 48 08.9	+0.2		
S06C	San Francisco	82.16	52	P	P	19 48 09.5	0.0		
L09A	Wilkinson Ranc	82.17	48	↑P	P	19 48 09.8	+0.3		

KIV	Kislovodsk	82.17	314	P	P	19 48 09.6	0.0		
KIV	comp=Z,297nm,1.1s,mb6.1,SNR=13								
KIV	Kislovodsk	82.17	314	P	P	19 48 10.1	+0.6		
KIV	SNR=13								
KIV	Kislovodsk	82.17	314	iP	P	19 48 09.5	-0.1		
KIV	eSS			SS	pmax	20 03 39.1	-2.6		
KIV	comp=Z,79nm,1.2s,mb5.5				MLR	MLR			
KIV	comp=Z,200nm,24.0s,MS4.4				MLR	MLR			
KIV	Kislovodsk	82.17	314j	eP	P	19 48 09.4	-0.2		
GNI	Garni	82.21	310	P	P	19 48 11.0	+1.3		
GNI	comp=Z,6.3nm,0.9s,mb4.6,baz=158,slow=12,SNR=7.8								
GNI	Garni	82.21	310d	iP	P	19 48 10.5	+0.8		
GNI					pmax				
V04C	Ramage Ranch,	82.21	55	↑P	P	19 48 10.3	+0.5		
P07A	Fallon	82.24	51	↑P	P	19 48 10.3	+0.4		
D13A	Huson	82.29	42	↑P	P	19 48 09.5	-0.7		
N08A	GE Springer Mi	82.31	49	↑P	P	19 48 10.6	+0.3		
PKD	Parkfield	82.35	54	↑P	P	19 48 10.6	+0.1		
KAF	Kangasmi	82.45	335	ePkp	P	19 48 07.7	-3.3		
U05C	Westside ANR,	82.52	54	↑P	P	19 48 11.8	+0.4		
M09A	Marrel Ranch,	82.55	48	↑P	P	19 48 11.7	+0.1		
T06C	Million Lake	82.58	53	P	P	19 48 11.6	-0.1		
RBK	Rabkut	82.61	286	P	P	19 48 12.1	+0.2		
N09A	Rock Creek Ran	82.71	49	↑P	P	19 48 12.7	+0.3		
E13A	Victor	82.72	43	↑P	P	19 48 11.4	-1.1		
KCC	Kaiser Creek	82.75	53	P	P	19 48 12.7	+0.1		
P08A	Dixie Valley	82.76	50	↑P	P	19 48 13.1	+0.5		
WHFO	Wadi Hawr	82.85	286	↑P	P	19 48 13.2	+0.2		
V05C	Boulder Hill,	82.86	54	↑P	P	19 48 13.2	+0.1		
D14A	Greenough	82.89	42	P	P	19 48 12.6	-0.7		
FINES	FINES Array B	82.92	334	P	P	19 48 11.5	-1.9		
FINES	comp=Z,4.1nm,0.8s,mb4.5,baz=90,slow=3.5,SNR=12				LR	LR	20 30 49.4		
FINES	comp=Z,314nm,18.5s,MS4.7,baz=260,slow=40								
FINES	FINES Array B	82.92	334	P	P	19 48 11.5	-1.9		
FINES				LR	LR	20 30 49.4			
SMMC	Simmler	82.99	55	↑P	P	19 48 14.2	+0.4		
MLAC	Mammoth Lakes	82.99	52	↑P	P	19 48 14.3	+0.5		
NVAR	Mina Array Ba	83.08	51	P	P	19 48 14.7	+0.4		
BMN	Battle Mountai	83.09	49	eP	pmax	19 48 14.7	+0.4		
BMN	comp=Z,8.0nm,1.0s,mb4.7				pmax				
BMN	Battle Mountai	83.09	49	eP	P	19 48 14.7	+0.4		
CHMT	Chamberlain Mo	83.12	42	↑P	P	19 48 13.8	-0.7		
M10A	LL Ranch, Tu	83.12	48	↑P	P	19 48 14.8	+0.2		
E14A	Clinton	83.17	43	↑P	P	19 48 14.0	-0.7		
Q08A	Gabbs	83.19	51	↑P	P	19 48 14.7	-0.1		
O09A	Fish Creek No	83.21	50	↑P	P	19 48 15.4	+0.5		
HELL	Mitchell Peak,	83.21	53	P	P	19 48 14.8	-0.1		
R08A	Mina	83.25	51	↑P	P	19 48 15.5	+0.3		
PKM	Peak Mountain	83.28	55	↑P	P	19 48 15.8	+0.5		
MTUM	Tungsten Hills	83.30	53	eP	P	19 48 15.4	0.0		
ABTO	Aybut	83.47	286	P	P	19 48 16.6	+0.3		
P09A	Austin	83.49	50	↑P	P	19 48 16.3	-0.1		
YES	Ves, Richgr	83.49	54	↑P	P	19 48 15.6	-0.8		
S08C	White Mtn Res	83.53	52	P	P	19 48 17.3	+0.7		
O10A	Hardware Ranch	83.65	49	↑P	P	19 48 17.6	+0.4		
TIN	Tinamah	83.66	53	↑P	P	19 48 17.8	+0.5		
M11A	Holland Ranch,	83.69	48	↑P	P	19 48 17.9	+0.5		
E15A	Deer Lodge	83.70	42	↑P	P	19 48 17.5	0.0		
Q09A	Carvers	83.74	51	↑P	P	19 48 17.8	+0.1		
HLUD	Hailey	83.76	46j	eP	P	19 48 17.7	0.0		
HLUD	comp=Z,34nm,1.6s,mb5.2								
HLUD	Hailey	83.76	46	↑P	P	19 48 17.8	+0.1		
P10A	Eureka	83.94	50	↑P	P	19 48 18.9	+0.2		
ARVC	Arvin	83.95	55	↑P	P	19 48 18.6	-0.1		
N11A	Elko Archery C	83.97	48	↑P	P	19 48 19.1	+0.2		
TPH	Tonopah	84.00	51j	eP	pmax	19 48 18.8	-0.2		
TPH	comp=Z,16nm,1.0s,mb5.1				pmax				
TPH	Tonopah	84.00	51j	eP	P	19 48 18.8	-0.3		
CWC	Cottonwood Cre	84.01	53	↑P	P				

21d 20h

Table listing various stations and their details, including call signs like NOA, WICKENBURG, WUJAZ, etc., and associated frequencies and parameters.

2006 OCT

Table listing stations in the Balkan Peninsula region, including CFAA, CPUP, BDFB, and various local stations like Plav, Podgorica, Berane, etc.

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Table listing stations in the South Atlantic region, including ISC 21, LVC, CEN1, CPN1, ANCH, etc., with details on frequencies and parameters.

TXAR Lajitas Array 69.94 68 P P 20 23 41.6 +1.0
ASAR Alice Springs 80.83 205 P P 20 24 42.8 -0.1
ESDC Seneca Array 85.64 348 P P 20 25 06.7 -0.9

MAN 21 20:15:00.5, 947N-12568E, h8km, mb2.5, ML4.0, MS1.6, Mindanao
Code Station Name Az AZ Phase ID Time Res ISC
SCPH Surigao 0.37 329 Op Pn 20 15 08.6 +0.9

NEIC 21 20:22:00.6, 2841S-7108W, h52km, MD3.8(GUC), After GUC.
GUC 21 20:22:00.6-0.8, 2841S-7108W, h52km±11km, MD3.8, ML3.7, SC-2D, Near coast of central Chile

Code Station Name Az AZ Phase ID Time Res ISC
VACH Vallendar 0.32 120 Op Pn 20 22 10.6 +0.5
VACH VACH 0.12 120 Op Pn 20 22 17.5 +0.6

Code Station Name Az AZ Phase ID Time Res ISC
CPCH Copiapo 1.23 31 Op Pn 20 22 22.1 +0.7
CPCH CPCH 0.12 120 Op Pn 20 22 22.1 +0.7

Code Station Name Az AZ Phase ID Time Res ISC
CDCH Caldera 1.35 9 Op Pn 20 22 23.2 +0.2
CDCH CDCH 0.12 120 Op Pn 20 22 23.2 +0.2

Code Station Name Az AZ Phase ID Time Res ISC
LSCH La Serena 1.50 186 Op Pn 20 22 25.9 +0.9
LSCH LSCH 0.12 120 Op Pn 20 22 25.9 +0.9

Code Station Name Az AZ Phase ID Time Res ISC
TLL Tololo Astrono 1.77 172 Op Pn 20 22 30.1 +1.4
TLL TLL 0.12 120 Op Pn 20 22 30.1 +1.4

Code Station Name Az AZ Phase ID Time Res ISC
PEL Peldhuue 4.73 176 Op Pn 20 23 09.8 +0.4
FCH Farellones 4.95 172 Op Pn 20 23 13.8 +1.4

MAN 21 20:31:45.6, 1350N-12151E, h5km, mb3.1, ML4.4, MS1.1, 1C, Mindoro

Code Station Name Az AZ Phase ID Time Res ISC
BOAC Boac 0.82 97 Op Pn 20 31 52.4 +0.6
BOAC BOAC 0.32 317 Op Pn 20 31 58.2 +2.1

HLW 21 20:33:52.1, 3151N-3619E, h13km, Mb3.3
ISCJB 21 20:34:01.2-0.9, 3103N-003:352E-009, h12km±6km, Error ellipse: s-maj=12.3km s-min=4.5km az=10.2

GII 21 20:34:02.1-0.3, 3103N-3548E, h6km, 1km, ML2.2/8, Mw2.3/5

ISC 21 20:34:01.9-0.9, 3103N-003:3551E-009, h14km±5km, n24, 0:55/29, Dead Sea region

Code Station Name Az AZ Phase ID Time Res ISC
MZDA Masada 0.31 335 Op Pn 20 34 08.5 +0.3
MZDA MZDA 0.55 334 Op Pn 20 34 13.1 +0.6

JMA 21 20:36:33.8-0.3, 3631N-14236E, h60km, M2.9
ISCJB 21 20:36:34.4-1.3, 3632N-004:1424E-0.1, h33km, mb3.5/2, Error ellipse: s-maj=12.1km s-min=6.2km az=174.9

ISC 21 20:36:37.2-0.8, 3656N-141.90E, h60km, mb3.7/2, Error ellipse: s-maj=14.7km s-min=7.0km az=133.0

ISC 21 20:36:34.5-1.4, 3633N-005:1424E-0.1, h35km, n16, 0:87/22, mb3.5/2, Off east coast of Honshu

Code Station Name Az AZ Phase ID Time Res ISC
CHOJ Chosi 1.42 244 Op Pn 20 36 56.9 -0.8
CHOJ CHOJ 0.55 334 Op Pn 20 37 14.8 -0.4

MKAR Makachi Array 45.19 303 P P 20 44 52.0 +4.1
0.6mm, 0.6s, mb3.4, baz=89, slow=8.3, SNR=3.8
0.7mm, 0.6s, mb3.7, baz=80, slow=10.0, SNR=9.8

IDC 21 20:38:23.2-1.4, 282S-12995E, h0km, mb4.0/5, mb1.4/2.7, mb1mx3.9/1.7, mbtmp3.0/7, Error ellipse: s-maj=98.6km s-min=19.2km az=72.0

NEIC 21 20:38:24.6-0.9, 280S-13002E, h10km, mb3.8/2, Error ellipse: s-maj=44.8km s-min=10.1km az=73.0

ISCJB 21 20:38:26.6-2.6, 29S-0:1:1301E-0.3, h39km±24km, mb3.8/4, Error ellipse: s-maj=58.1km s-min=10.6km az=143.6

ISC 21 20:38:29.5-2.4, 29S-0:1:1300E-0.3, h46km±22km, n13, 0:91/17, mb3.9/5, Seram

Code Station Name Az AZ Phase ID Time Res ISC
KAKA Kakadu 10.06 166 Op Pn 20 40 51.4 +0.1
KAKA FITZ 15.70 195 Op Pn 20 42 43.2 +0.4

Code Station Name Az AZ Phase ID Time Res ISC
FITZ Fitzroy Crossi 15.70 195 Op Pn 20 42 07.0 -0.4
WRAB Tennant Creek 17.47 166 Op Pn 20 42 28.3 -1.4

Code Station Name Az AZ Phase ID Time Res ISC
WRAB WRAB 0.9mm, 0.5s Op Pn 20 45 38.2 -5.1
WRA Warramunga Arr 17.48 166 Op Pn 20 42 29.2 -0.6

Code Station Name Az AZ Phase ID Time Res ISC
WRA WRA 0.1mm, 0.3s, baz=356, slow=24, SNR=5.3
WB2 Warramunga Arr 17.48 166 Op Pn 20 42 29.5 -0.3

Code Station Name Az AZ Phase ID Time Res ISC
AS31 Alice Springs 21.00 170 Op Pn 20 43 10.0 +1.0
ASAR Alice Springs 21.00 170 Op Pn 20 43 10.4 +1.5

Code Station Name Az AZ Phase ID Time Res ISC
ASAR ASAR 1.3mm, 0.8s, mb4.3, baz=348, slow=11, SNR=89
ASPA Alice Springs 21.00 170 Op Pn 20 43 10.0 +1.0

Code Station Name Az AZ Phase ID Time Res ISC
MKAR Makachi Array 64.80 326 Op Pn 20 49 04.8 +1.4
ZAL Zalesovo 6.92 333 Op Pn 20 49 22.1 -1.2

NEIC 21 20:38:29.8, 3685N-2659E, h29km, MD3.4(ATH), After ATH.
ATH 21 20:38:29.7, 3685N-2660E, h29km±1km, MD3.3/8

CSEM 21 20:38:29.7-0.1, 3682N-2659E, h8km, MD3.4, Error ellipse: s-maj=2.6km s-min=1.9km az=160.0

ISC 21 20:38:30.0, 3685N-2657E, h16km, MD3.2
ISCJB 21 20:38:31.0-0.6, 3685N-004:2655E-0.04, h22km±7km, Error ellipse: s-maj=6.2km s-min=5.0km az=113.9

ISC 21 20:38:30.7-0.8, 3685N-004:2656E-0.04, h16km±6km, n23, 0:84/36, Dodecanese Islands

Code Station Name Az AZ Phase ID Time Res ISC
NISR Nisiros 0.52 117 Op Pn 20 38 40.3 -0.7
NISR Nisiros 0.52 117 Op Pn 20 38 40.3 -0.7

IDC 21 20:52:04.8-1.0, 1905S-6826W, h161km±14km, mb3.8/1, mb1.3/3.6, mb1mx3.1/2.1, mbtmp3.8/7.6, Error ellipse: s-maj=38.4km s-min=8.1km az=97.0, Chile-Bolivia border region

Code Station Name Az AZ Phase ID Time Res ISC
LPAZ La Paz 2.75 2 P Pn 20 52 51.2 +1.8
LPAZ LPAZ 4.2mm, 0.3s, baz=249, slow=25, SNR=16

Code Station Name Az AZ Phase ID Time Res ISC
LVC Limon Verde 3.60 150 P Pn 20 53 00.7 +0.7
LVC LVC 6.6mm, 0.3s, baz=8.0, slow=9.1, SNR=43

Code Station Name Az AZ Phase ID Time Res ISC
SIV San Ignacio 7.50 87 P Pn 20 53 51.0 -0.3
SIV SIV 12mm, 0.3s, baz=261, slow=22, SNR=13

Code Station Name Az AZ Phase ID Time Res ISC
CPUE Villa Florida 12.41 128 P Pn 20 54 57.0 +1.1
CPUE CPUE 0.5mm, 0.3s, baz=283, slow=9.1, SNR=4.3

Code Station Name Az AZ Phase ID Time Res ISC
CFAA Coronel Fontan 12.50 180 P Pn 20 54 59.2 +2.1
TORD Torodil Ar. Bea 75.96 71 P Pn 21 03 34.3 +0.5

CSEM 21 20:52:47.0-0.1, 6724N-2061E, h1km, ML3.3, Error ellipse: s-maj=4.5km s-min=2.6km az=78.0, Mining explosion.
UPP 21 20:52:48.1, 6718N-2065E, h0km, ML3.3, Mining explosion.

HEL 21 20:52:48.7-0.1, 6717N-2065E, h0km, ML3.3(UPP), Suspected explosion, Sweden

Code Station Name Az AZ Phase ID Time Res ISC
DUNU Dundret 0.06 209 Op Pn 20 52 49.7 -0.1
KUA Kuravaara 0.78 352 Op Pn 20 53 02.8 -1.1

IDC 21 20:57:21.1-2.2, 702S-12888E, h0km, mb3.6/1, mb1.3/4, mb1mx3.7/1.4, mbtmp3.7/4, ML3.8/3, Error ellipse: s-maj=103.9km s-min=27.4km az=75.0

NEIC 21 20:57:26.0-1.3, 708S-12892E, h35km, Error ellipse: s-maj=36.0km s-min=15.0km az=69.0, Banda Sea

Code Station Name Az AZ Phase ID Time Res ISC
FITZ Fitzroy Crossi 11.41 196 Op Pn 21 00 06.6 +0.1
FITZ FITZ 0.6mm, 0.3s, baz=35, slow=12, SNR=27

IDC 21 21:01:54.9-7.7, 2176N-14200E, h0km, mb3.7/6, mb1.3/8, mb1mx3.7/2.1, mbtmp3.7/6, Error ellipse: s-maj=328.6km s-min=21.8km az=76.0, Mariana Islands region

Code Station Name Az AZ Phase ID Time Res ISC
SONG Songoing Array 38.59 321 Op Pn 21 09 20.5 +0.9
WRA Warramunga Arr 42.12 191 P Pn 21 09 49.9 +1.2

Code Station Name Az AZ Phase ID Time Res ISC
ASAR Alice Springs 45.84 190 P Pn 21 10 18.1 -0.6
ZAL Zalesovo 53.49 322 P Pn 21 11 16.1 -0.9

Code Station Name Az AZ Phase ID Time Res ISC
MKAR Makachi Array 53.85 313 P Pn 21 11 20.1 +0.5
BVAR Borovoye Array 61.91 319 P Pn 21 12 15.8 -0.5

BJI 21 21:19:58.8, 285N-12617E, h104km, mb5.0, mb4.8
ISCJB 21 21:20:05.8-0.2, 362N-102:12605E-0.03, h111km, mb5.0/4, Error ellipse: s-maj=4.9km s-min=2.8km az=144.6

MOS 21 21:20:08.3-1.0, 369N-12601E, h133km, mb5.0/27, Error ellipse: s-maj=12.0km s-min=5.2km az=116.7

NEIC 21 21:20:08.0-0.9, 367N-12597E, h124km, mb5.0/33, Error ellipse: s-maj=7.5km s-min=4.3km az=70.0

GCMT 21 21:20:08.8-0.3, 370N-12607E, h106km±4km, MW5.1/6.8, Moment Tensor Solution. s20,c20; s68,c105; Duration: 0 Moment tensor: Scale 10^19Nm; Mo-0.53±0.20; Mo-4.02±.17; Mo-3.50±.20; Mo-0.30±.11; Mo-1.70±.20; Mo-2.85±.14; Best double couple: Mo-4.95600±0.1016; NP1±296.00000; 666.00000; 1.61.00000; NP2±66.360000; 873.00000; 1.25.00000; Principal axes: T 5.6510, P1g3.00000; Azm255.0000; N-1.0850; P1g60.0000; Azm69.0000; P-4.4110, P1g4.0000; Azm166.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

IDC 21 21:20:08.6-1.7, 363N-12590E, h123km, 14km, mb4.6/29, mb1.4/7.29, mb1mx4.7/3.1, mbtmp5.0/29, MS3.9/7, Ms1.3.9/7, ms1mx3.4/35, Error ellipse: s-maj=14.8km s-min=7.1km az=75.0

ISC 21 21:20:07.6-0.2, 364N-102:12607E-0.03, h113km, h113km, 1.8km, pp-P, n280, 0:1914/279, mb5.0/33, 23C-24D, Talaud Islands

Code Station Name Az AZ Phase ID Time Res ISC
MATI Mati 3.29 3 Op Pn 21 20 56.9 -0.7
MATI MATI 0.32 317 Op Pn 21 20 56.9 -0.7

Code Station Name Az AZ Phase ID Time Res ISC
DAV Davao City (W) 3.44 352 Op Pn 21 21 00.0 +0.4
DAV Davao City (W) 3.44 352 Op Pn 21 21 00.0 +0.4

Code Station Name Az AZ Phase ID Time Res ISC
KCP Kepadawan 3.49 344 Op Pn 21 21 33.8 +3.6
KCP KCP 0.12 120 Op Pn 21 21 45.9 +5.1

Code Station Name Az AZ Phase ID Time Res ISC
BUPK Butuan 4.33 347 Op Pn 21 21 11.6 +0.1
BUPK BUPK 0.52 117 Op Pn 21 22 03.9 +2.9

Code Station Name Az AZ Phase ID Time Res ISC
PAGZ Pagadian 4.96 328 Op Pn 21 21 19.7 -0.3
PAGZ Pagadian de Oro 4.98 344 Op Pn 21 21 19.9 -0.3

Code Station Name Az AZ Phase ID Time Res ISC
CGP CGP 5.32 344 Op Pn 21 22 21.3 +4.8
BUTP Butuan 4.98 353 Op Pn 21 21 25.8 +1.1

Code Station Name Az AZ Phase ID Time Res ISC
DIPH Dipolog City 5.61 331 Op Pn 21 21 30.1 +1.5
SCPH Surigao 6.13 355 Op Pn 21 21 36.6 +0.9

Code Station Name Az AZ Phase ID Time Res ISC
MSLP Maasin 6.56 350 Op Pn 21 22 47.5 +3.0
SWI Sorong 6.85 131 Op Pn 21 21 44.2 -1.3

Code Station Name Az AZ Phase ID Time Res ISC
LLP Lapu-Lapu 6.96 343 Op Pn 21 21 47.0 +0.1
OCL Ormoc 7.51 349 Op Pn 21 21 54.8 +0.4

Code Station Name Az AZ Phase ID Time Res ISC
AAL Aalban 7.58 164 Op Pn 21 21 56.0 -1.8
PCI Palu 7.69 234 Op Pn 21 22 00.5 +3.6

Code Station Name Az AZ Phase ID Time Res ISC
GUIM Guiuan 7.75 334 Op Pn 21 21 57.9 +0.2
TSM Tawau 8.20 275 Op Pn 21 22 06.7 +2.9

Code Station Name Az AZ Phase ID Time Res ISC
TARAI Tarakan 8.20 288 Op Pn 21 22 08.7 +1.3
RCP Roxas 8.53 337 Op Pn 21 22 09.6 +1.3

Code Station Name Az AZ Phase ID Time Res ISC
CUYO Cuyo Island 8.74 325 Op Pn 21 22 12.1 +1.0
BATP Bataraza 9.69 302 Op Pn 21 22 26.6 +2.7

Code Station Name Az AZ Phase ID Time Res ISC
ENPP El Nido 9.99 319 Op Pn 21 22 29.7 +1.6
PVCP Virac 10.07 349 Op Pn 21 22 30.5 +1.3

Code Station Name Az AZ Phase ID Time Res ISC
KSM Kuching 15.89 263 Op Pn 21 23 45.6 +0.8
KSM KSM 1.6mm, 1.0s, mb5.6 Op Pn 21 28 35.5 +0.6

21d 21h

Table with columns for station name, time, and status. Includes entries like Port Moresby, Warramunga Arr, Alice Springs, etc.

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Table with columns for station name, time, and status. Includes entries like Lanzhou, Stephens Creek, Hu-ho-hao-te, etc.

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Table with columns for station name, time, and status. Includes entries like Aljmer, Bodoiba, Thein Dam, etc.

Table with columns: JOF, Joensuu, 60.46 334 ep, P, 22 58 58.3 -2.4, etc. Lists various stations and their coordinates and status.

Table with columns: 116A, Eloy, 68.73 65 up, P, 22 59 54.6 -0.1, etc. Lists various stations and their coordinates and status.

Table with columns: AVF, Avril sur Loir, 82.10 341 ep, P, 23 01 11.4 0.0, etc. Lists various stations and their coordinates and status.

NEIC 21 22:55:25.3, 3146S:7161W, h22km, ML2.9(GUC), After GUC.

GUC 21 22:55:25.3, 0.8, 3146S:7161W, h22km, 4km, MD3.6, ML2.9, 7C-3D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists station data for GUC and NEIC events.

CSEM 21 23:34:57.2, 0.4, 6714N:2084E, h1km, ML3.1, Error ellipse: s-maj=14.2km s-min=9.2km az=94.0, Mining explosion.

UPP 21 23:34:57.0, 6719N:2066E, h0km, ML3.1, Mining explosion.

HEL 21 23:34:57.0, 6718N:2046E, h0km, ML3.1(UPP), Suspected explosion, Sweden

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists station data for CSEM, UPP, and HEL events.

MOS 21 23:40:39.8, 2.2, 3788N:4605E, h10km, mb4.0/1, Error ellipse: s-maj=37.1km s-min=9.3km az=106.8

NSSP 21 23:40:54.7, 3950N:4280E, h13km, ML3.3

CSEM 21 23:40:57.9, 0.1, 3961N:4289E, h10km, MD3.7, Error ellipse: s-maj=3.1km s-min=2.1km az=12.0

ISK 21 23:40:57.4, 3950N:4284E, h4km, MD3.7

ISCB 21 23:40:58.0, 0.3, 3954N:4277E, h0.03, h4km, Error ellipse: s-maj=3.1km s-min=2.6km az=43.6

ISC 21 23:40:59.1, 0.5, 3956N:002:4279E, h0.03, h1km, 4km, m39, t131/54, 1C, Turkey

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists station data for MOS, NSSP, CSEM, ISK, ISCB, and ISC events.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Oulu, Kilpisjärvi, FIAO, FINES, HFS, SPAO, NOA.

CSEM 22 02:12:57.7, 67.17N-2071E, h6km, ML3.1, Mining explosion. After UPP 22 02:12:57.7, 67.17N-2071E, h6km, ML3.1, Mining explosion.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DUNDRET, MASU, KUA, ERTU, SALU, NIKU, PAJU, HARU, LANU, SJUU, KIF, SGF, KEV.

CSEM 22 02:31:58.7, 67.19N-2066E, h0km, ML2.8, Mining explosion. After UPP 22 02:31:58.7, 67.19N-2066E, h0km, ML2.8, Mining explosion.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DUNDRET, MASU, ERTU, PAJU, HARU, SJUU, KIF, SGF, KEV.

IDC 22 02:38:25.6, 0.9, 493N-9491E, h0km, mb4.2/11, mb1.4, 4/11, mb1mx4.1/21, mbt4.2/11, Error ellipse: s-maj=46.4km s-min=17.6km az=49.0

NEIC 22 02:38:30.2, 0.5, 486N-9480E, h30km, mb4.4/8, Error ellipse: s-maj=20.5km s-min=6.9km az=42.0

NEIC Felt [I] at Banda Aceh. BUJ 22 02:38:30.1, 4.90N-9480E, h30km, mb4.9, mb4.6, Ms4.3, Ms2.4

ISCJB 22 02:38:35.3, 2.5, 4.8N, 0.1, 949E, h02, h95km, 21km, mb4.3/26, Error ellipse: s-maj=33.1km s-min=9.0km az=109.2

ISC 22 02:38:36.4, 2.3, 4.8N, 0.1, 948E, h02, h88km, 20km, n44, 0.099/44, mb4.3/26, 1C, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PSI, KULM, CHTO, KSM, JIRN, PKI, GUN, GKN, KOLN, CD2, GEA, FITZ, WMQ, UCH, KBK, AML, AAK, AAK, USP, MK31, MKAR, MKAR, SONM, SONM.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRA, WRAB, WSB, ASAR, ZAL, BRVK, ZRKN, CHKZ, BR131, BRTR, AKASG, JOF, JINES, KAF, ARCES, GERES, NOA, NOA, NVAR, TXAR.

LDG 22 02:53:01.9, 0.1, 4299N-017E, h10km, Md1.6/1, M11.7/5, Error ellipse: s-maj=1.6km s-min=1.1km az=2.0

STR 22 02:53:01.6, 0.1, 4304N-012W, h2km, 1km, M12.0, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 22 02:53:02.0, 0.4, 4298N-017E, h7km, 4km, mbl.g1.3/5, Error ellipse: s-maj=2.6km s-min=1.8km az=102.0, PRXIMO, Pyrenees

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LABF, LABF, LABF, EPF, EPF, VIEF, VIEF, VIEF, EBIE.

CSOR Sort 0.93 130 P Pg 02 53 20.2 -0.3

SJPF Ste Jean 1.03 278 Pg Pg 02 53 21.4 -1.1

ORG Organya 1.13 311 P Pg 02 53 22.8 -1.5

IPRE Itoiz 1.14 262 Pg Pg 02 53 26.6 -2.4

CAVN Les Avelanes 1.18 159 P Pg 02 53 23.0 -2.2

ELIZ Elizondo 1.26 279 Pg Pg 02 53 25.2 -1.6

IUSE Utxetti 1.26 269 Pg Pg 02 53 25.1 -1.8

ESAC San Caprasio 1.34 201 Pg Pg 02 53 28.3 -0.2

CLLI Livinia 1.42 110 P Pn 02 53 29.1 +0.3

MTLF Montoliou 1.54 76 Pg Pg 02 53 30.4 -1.7

EPOB Poblet 1.76 157 Pg Pg 02 53 26.2 -1.0

ERTA Horta de San J 2.03 177 Pg Pg 02 54 06.4 -0.7

CAF Calviac 2.38 34 eS Sn 02 54 06.4 -5.0

RJF Les Rejaudous 2.52 22 Pg Pg 02 54 20.8 -2.7

LASF Ste Croix 2.89 67 eS Pg 02 54 32.7 -2.9

ISC 22 03:12:31.9, 1.0, 1506S-17278W, h0km, mb4.0/5, mb1.4, 2/5, mb1mx3.9/17, mbt4.0/5, MS3.8/2, Ms1.3, 8/2, ms1mx3.1/24, Error ellipse: s-maj=40.6km s-min=20.1km az=128.0

ISCJB 22 03:12:35.3, 2.9, 148S-02-1728W, h02, h45km, 35km, mb3.9/5, MS3.8/2, Error ellipse: s-maj=41.2km s-min=27.1km az=143.1

NEIC 22 03:12:38.0, 0.6, 1512S-17296W, h35km, Error ellipse: s-maj=28.7km s-min=16.1km az=116.0

ISC 22 03:12:37.2, 3.1, 149S-02-1727W, h02, h48km, 39km, n19, 0.032/9, mb3.9/5, MS3.8/2, Samoa Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GERES, BR131, BRTR, KMBO.

CSEM 22 03:29:04.4, 0.1, 6726N-2068E, h1km, ML3.0, Error ellipse: s-maj=3.6km s-min=2.2km az=80.0, Suspected Mining explosion.

UPP 22 03:29:05.6, 0.719N-2069E, h0km, ML3.0, Suspected Mining explosion.

HEL 22 03:29:06.3, 0.1, 6718N-2068E, h0km, ML2.0, ML3.0 (UPP), Suspected explosion, Sweden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DUNDRET, MASU, KUA, ERTU, SALU, NIKU, PAJU, HARU, LANU, SJUU, KIF, KIF, LILU, SGF, BURU, OUL, OUL.

KEV Kevo 3.48 39 eS Sn 03 30 42.0 -1.7

MSF Maselka 3.58 107 eS Pg 03 30 56.3 -5.0

MSF Maselka 3.58 107 Pg Pg 03 30 56.2 -5.0

KU6 Riekkii 3.85 103 eS Sn 03 30 51.5 -1.3

ISCJB 22 03:55.9, 0.6, 4086N-003-808W, 0.05, h13km, 4km, Error ellipse: s-maj=7.0km s-min=3.9km az=140.5

MDD 22 03:56.7, 0.4, 4087N-810W, h6km, 5km, mbl.g1.0/14, Error ellipse: s-maj=3.8km s-min=2.2km az=58.0, PRXIMO

INMG 22 03:56.7, 1.2, 4087N-810W, h7km, 3km, ML1.9, Error ellipse: s-maj=2.8km s-min=2.0km az=81.0

ISC 22 03:56.2, 0.6, 4086N-003-809W, 0.05, h14km, 3km, n16, 0.095/27, Portugal

PVIS Vila Real 0.20 134 Pg Pg 03 31 00.9 +0.1

PTO Porto 0.48 306 ePg Pg 03 31 05.4 -0.3

PVRL Vila Real 0.50 34 ePg Pg 03 31 05.9 -0.2

MTE Manteigas 0.62 138 ePg Pg 03 31 08.7 +0.4

PCAB Cabril 0.85 3 eS Pg 03 31 12.2 -0.5

PCBR Castelo Branco 1.12 155 eP Pb 03 31 17.6 +0.3

PBRG Braganca 1.39 47 eP Sn 03 31 22.1 +1.0

ECAL Calatorau 1.48 43 Pg Pg 03 31 24.3 -0.4

STS Santiago 2.06 350 Pn Pn 03 31 33.3 +3.0

EPON Pontonova 2.56 15 Pn Pn 03 31 42.4 +5.1

EADAM Adamuz 3.82 134 Pn Pn 03 31 54.7 +0.1

EADA Almaden 3.82 134 Pn Pn 03 32 37.4 -1.9

ETOR Torote 4.58 89 Pn Pn 03 32 54.5 +0.5

NEIC 22 03:34:32.5, 1.693N-100.15W, h29km, MD3.7 (MEX), After MEX. MEX 22 03:34:32.0, 0.5, 1694N-10017W, h35km, 6km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CAIG, CAIG, CAIG, MEIG, PLIG, PLIG, UTMO, IIO, IIO, TPIG.

Table with columns: BOAC, TGY, Tagaytay City, 0.86 320, eS, Sg, 07 46 32.2 -0.5, etc. Includes various station codes and coordinates.

Table with columns: IMA2, MCK, McKinley, 77.27 25 eP, P, 07 58 12.2 +4.9, etc. Includes station codes and coordinates.

Table with columns: BSO1, BSO3, Boso 3, 2.92 358 eS, S, 08 00 50.9 -1.7, etc. Includes station codes and coordinates.

az=132.9
IDC 22 08 30:13.5:3.1, 1.13N:126.89E, h75km, 27km, mb4.1/14,
mb1 4.1/15, mbtmp4.1/18, mbtmp4.3/15, MS3.6/3,
Ms1 3.6/3, ms1mx3.0/26, Error ellipse: s-maj=27.5km
s-min=9.0km, az=74.0

NEIC 22 08 30:16.0:1.7, 1.15N:126.87E, h97km, 16km, mb4.6/11,
Error ellipse: s-maj=17.2km s-min=6.4km, az=60.0

ISC 22 08 30:14.3:0.3, 1.16N:126.87E, 0.08, h78km,
h78km, 1.9km, pP-P, m6.3, s1900/7.0, mb4.6/36, Northern

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res. Includes stations like Kota Kinabalu, Kakadu, Kuching, Fitzroy Crossi, etc.

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res. Includes stations like Lanzhou, Hu-ho-hao-te, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ISCJB 22 08:44:54.7:0.6, 2.098S:0.05:68.72W, 0.08, h99km, 8km, mb4.1/6, Error ellipse: s-maj=13.7km s-min=7.0km, az=135.0

NEIC 22 08:44:56.0:0.9, 2.102S:68.78W, h95km, 11km, mb4.3/5, Error ellipse: s-maj=15.9km s-min=11.2km, az=76.0

IDC 22 08:44:57.7:0.7, 2.119S:68.70W, h118km, 7km, mb3.7/4, mb1 3.7/8, mb1mx3.5/20, mbtmp4.1/8, Error ellipse: s-maj=21.5km s-min=8.9km, az=100.0

ISC 22 08:44:55.9:0.6, 2.102S:005:68.74W, 0.08, h94km, 8km, n24, s1528/23, mb4.1/6, Chile-Bolivia border region

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

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

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

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

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

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

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

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

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

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

Table with columns for station name, frequency, power, and signal quality. Includes stations like CASY, Kellerberrin, Mawson, FORT, etc.

Table with columns for station name, frequency, power, and signal quality. Includes stations like CTAO, Sanae, IPM, KULM, etc.

Table with columns for station name, frequency, power, and signal quality. Includes stations like QIZ, KARAD, RAO, POO, etc.

22d 12h

Table with columns: BRTR, Keskin Array B, 58.91 30 P, P, 11 33 16.9 -3.5, etc. Includes various station codes and coordinates.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes FITZ, WRA, ASAR, MKAR.

HLW 22 11:28:47.7, 2995N-3680E, h15km, Mb3.1, IS/CJB 22 11:28:51.0, 1.3, 2983N-005.3628E, 0.09, h0km, Error ellipse: s-maj=10.9km s-min=7.5km az=29.4.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes HRFI, EIL, ZFRI, PRNI, KMTI, HBST, RMNI, MZDA, YTR, DSI, HKAT, TR2, AMAG, SUZ.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes CTRC, BRUC, ACR, MCR, CNI, CNI, DND, DND, LCR2, PRS1, PTP, PTP.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes IS/CJB 22 11:43:03.0, 4.9, 62S-02:1477E.04, h45km, 35km, mb4.0/3, MS4.1/1, Error ellipse: s-maj=60.4km s-min=35.5km az=166.2.

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Table with columns: RAO, Raoul Island, 39.76 130 LR, LR, 12 02 49.0, TORD, Torodi Arr, Bea, 145.80 284 PKPbc, PKPbc, 12 02 39.9 -0.3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes CSEM 22 12:01:48.7, 67.17N-2058E, h0km, ML2.8, Suspected Mining explosion. After UPP.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes IS/CJB 22 11:08:31.7, 6.28S-008:1287E.01, h227km, 17km, mb2.8/2, Error ellipse: s-maj=23.1km s-min=12.5km az=146.1.

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Table with columns: BER 22 12:11:33.9, 3.5, 6722N-2064E, h0km, ML2.0, Suspected explosion, HEL 22 12:11:33.1, 0.2, 6722N-2077E, h0km, ML2.3, ML2.0(BER), Suspected explosion, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes CSEM 22 12:14:36.5, 67.17N-2070E, h0km, ML2.8, Suspected Mining explosion. After UPP.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes ISK 22 12:18:44.1, 3.686N-3858E, h14km, MD3.5, IS/CJB 22 12:18:45.8, 0.7, 3691N-002:3852E, 0.03, h11km, 5km, Error ellipse: s-maj=3.5km s-min=2.5km az=113.5.

22d 12h

Table with columns for station code, name, frequency, and other details. Includes stations like KKM, CAUP, KAKA, NBBI, KSM, KRKI, BJLI, FITZ, GUMO, LEM, CBJI, SBJI, YHNB, QIZ, WRAB, WRA, WBA, KULM, AS31, ASAR, ASPA, NST, CTA, GYA, CHG, CHTO, KMI, KLB, MAJO, MAT, MJAR, QJZ.

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Table with columns for station code, name, frequency, and other details. Includes stations like XAN, CD2, NWAO, STKA, SNY, LZH, CN2, YNG, MDJ, ASAJ, GTA, JIRN, GUN, PKI, KLR, KKN, HIA, DMN, KGN, KOLD, SONM, HYB, ZAK, TLY, MOY, WMQ.

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Table with columns for station code, name, frequency, and other details. Includes stations like WMQ, CLNS, BOD, MKAR, YAK, MA2, ZAL, NVS, SEY, BVA, BRV, BRVK, CHKZ, WSAR, ZRNK, ZRNK, CASY, BILL, MIR, AB31, AKT, ARU, ORR, QRN, UMR, RDF, MIB, NAY, RST, Vnda, Vnda, Vnda, GNI, MAW, MAW, MAW, KDAK, KDAK, ZEI, IMA2, KIV, KIV, KIV, KIV, SOC, VRSR, VRSR, ANN, OBN, OBN, OBN, APA, APA, DAW, KMBO, KMBO.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KMBO, KMB0, JOF, BR131, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BOAC, OTRP, LUBANG, etc.

CSEM 22 13:01:29.1, 6719N-2067E, h0km, ML3.0, Suspected Mining explosion. After UPP

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DUNU, MASU, KUA, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DUNU, MASU, KUA, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DUNU, MASU, KUA, etc.

MAN 22 13:01:28.6, 4.3, 4290N-7748E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=36.9km s-min=26.3km az=170.0

NET 22 13:01:28.9, 0.6, 4291N-7736E, h0km, 3km, 3.4, Error ellipse: s-maj=3.3km s-min=3.0km az=111.0

ISCJB 22 13:01:29.0, 9.9, 4314N-008.7755E-007, h10km, Error ellipse: s-maj=13.0km s-min=5.0km az=124.8

ISC 22 13:01:30.9, 0.9, 4317N-009.7752E-008, h10km, n13, s=19/23, 15C-6D, Lake Issyk-Kul region

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KNDC, ULHL, TKM2, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KBK, Karagaybulak, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KBK, KZA, KZA, CHMS, etc.

CSEM 22 13:11:06.5, 6720N-2066E, h0km, ML2.8, Suspected Mining explosion. After UPP

HEL 22 13:11:07.1, 0.1, 6719N-2063E, h0km, ML1.4, ML2.8(UPP), Suspected explosion, Sweden

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DUNU, MASU, KUA, etc.

AUST 22 13:22:00.0, 3852S-14627E, h18km, ML2.8

ISC 22 13:22:20.3, 1.6, 3845S-01.14618E-006, h10km, m5, s=170/170, Near southeast coast of Australia

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TOO, TOO, TOO, etc.

CSEM 22 13:24:44.0, 0.1, 6725N-2065E, h2km, ML3.0, Error ellipse: s-maj=2.7km s-min=2.4km az=102.0, Suspected Mining explosion.

UPP 22 13:24:45.5, 6719N-2069E, h0km, ML3.0, Suspected Mining explosion.

HEL 22 13:24:46.2, 0.1, 6718N-2067E, h0km, ML2.0, ML3.0(UPP), Suspected explosion, Sweden

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DUNU, MASU, KUA, etc.

MAN 22 13:38:38.9, 593N, 12619E, h181km, mb2.5, ML4.0, MSS.9

ISCJB 22 13:38:39.6, 0.6, 598N-008-1263E.01, h174km, 5km, mb3.9/16, Error ellipse: s-maj=24.3km s-min=8.0km az=126.0

ISC 22 13:38:41.0, 6.1, 582N-12594E, h170km, 55km, mb3.5/11, mb1.3, 5/11, mb1mx3.4/21, mbmp3.9/11, Error ellipse: s-maj=73.1km s-min=13.3km az=69.0

NEIC 22 13:38:40.4, 1.0, 587N-12591E, h163km, 10km, mb4.2/3, Error ellipse: s-maj=40.8km s-min=8.6km az=67.0

ISC 22 13:38:40.7, 0.6, 602N-008-1263E.01, h168km, 5km, n36, s=150/38, mb3.9/16, 1D, Mindanao

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DAV, DAV, KCP, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WB2, Alice Springs, ASAR, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ASAR, ASKA, STKA, etc.

NEIC 22 13:43:00.6, 1539N-9566W, h20km, MD4.4(MEX), After MEX

MEX 22 13:43:00.7, 0.6, 1545N-9568W, h14km, 23km, MD4.4, Near coast of Oaxaca

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like HUIG, HUIG, Matias Romero, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like VHO, VHO, VHO, etc.

CSEM 22 13:52:25.0, 6719N-2068E, h0km, ML2.9, Mining explosion. After UPP

UPP 22 13:52:25.0, 6719N-2068E, h0km, ML2.9, Mining explosion.

HEL 22 13:52:25.6, 0.1, 6719N-2069E, h0km, ML2.9(UPP), Suspected explosion, Sweden

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DUNU, MASU, KUA, etc.

ISC 22 14:01:17.0, 1.6, 96S-02x-1552E-02, h33km, mb4.0/6, MS3.4/4, Error ellipse: s-maj=36.0km s-min=25.4km az=105.0

ISCJB 22 14:01:17.0, 1.6, 96S-02x-1552E-02, h33km, mb4.0/6, MS3.4/4, Error ellipse: s-maj=36.0km s-min=25.4km az=105.0

NEIC 22 14:01:18.9, 1.2, 959S-15514E, h35km, mb4.2/3, Error ellipse: s-maj=26.9km s-min=19.8km az=120.0

ISC 22 14:01:18.9, 1.6, 96S-02x-1552E-02, h35km, n14, s=35/10, mb4.0/6, MS3.4/4, D'Entrecasteaux Islands region

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PMG, Port Moresby, CTA, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WRA, WRA, WRA, etc.

22d 14h

RPZ Rate Peaks 36.69 161 LR LR 14 20 14.0
SONM Songoing Array 71.61 328 P P 14 12 36.7 0.0
QSPA South Pole Qui 80.39 180 eP P 14 13 26.7 0.0

BNS 22 14:14:16.6:2.4,5042N:920E,h1km,ML2.1
PRU 22 14:14:19.7,4944N:671E,h0km
ISCJB 22 14:14:20.7:0.2,4935N:001:682E:0.03,h0km,Error
ellipse: s-maj=2.4km s-min=1.9km az=9.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res ISC. Lists various stations like RUP, WLF, ABH, LANF, BGG, NREG, CDF, etc.

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Table with columns: LOR, SNR=1.0, eSn, Sn, 14 15 43.2 -1.2. Lists stations like LOR, SSF, SSF, SSF, etc.

ISCJB 22 14:30:29.6:4.9,47S:03:1528E:0.1,h69km,34km,
mb4.3/7, Error ellipse: s-maj=48.2km s-min=22.0km
az=176.8

NEIC 22 14:30:31.0:3.4,464S:1528E,h75km,24km,mb4.7/4,
Error ellipse: s-maj=32.4km s-min=15.7km az=189.0

IDC 22 14:30:32.6:6.4,493S:1528E,h83km,50km,mb4.2/4,
mb1.4,3.5,mb1mx3.7/16,bbnp4.5/5,ML2.7/1,Error
ellipse: s-maj=50.6km s-min=24.7km az=6.0

ISC 22 14:30:31.2:4.5,47S:03:1529E:0.1,h73km,29km,n19,
o#66/18,mb4.3/7,New Britain region

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

ISCJB 22 14:35:42.6:0.6,021N:010:1262E:0.2,h10km,mb4.1/10,
MS4.1/3, Error ellipse: s-maj=25.6km s-min=8.9km
az=124.9

IDC 22 14:35:43.6:0.9,006S:12558E,h0km,mb4.1/7,mb1.4/3/8,
mb1mx4.1/17,mbmp4.1/8,ML3.6/1,MS4.0/3,MS1.4/0.3,
ms1mx3.2/22, Error ellipse: s-maj=97.9km s-min=15.8km
az=68.0

NEIC 22 14:35:44.7:0.5,007N:12591E,h10km,mb4.3/4, Error
ellipse: s-maj=44.9km s-min=7.3km az=68.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res ISC. Lists stations like KSM, FITZ, WRAB, etc.

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VNDA 1.7nm,0.7s,mb4.1 79.97 173 P P 14 47 54.0 0.0
VnDA 0.5nm,0.7s,mb3.5,baz=348,slow=6.6,SNR=3.6 P P 14 47 53.2 -0.7
SBA Scott Base 80.89 172 P P 14 47 53.6 -0.7

STR 22 14:58:12.4:0.9,4334N:085W,h2km,1km,ML2.2, Error
ellipse: s-maj=0.0km s-min=0.0km az=1.0
CSEM 22 14:58:12.7:0.1,4325N:090W,h20km,M2.4/8, Error
ellipse: s-maj=1.4km s-min=0.9km az=141.0

LDG 22 14:58:12.6:0.1,4324N:092W,h21km,M2.4/2,M2.4/8,
Error ellipse: s-maj=1.3km s-min=1.1km az=172.0
MDD 22 14:58:12.5:0.3,4330N:092W,h19km,3km,mb1g1.8/12,
3C, Error ellipse: s-maj=4.0km s-min=2.1km az=2.0,

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DGRG David-gareji, BINGOL, ERZUM, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DRGR 17.83 303, LVV L'ovv, ARQI, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like AMKA Amchitka, UNVA Atka Island, KDKA, etc.

NEIC 22 17:57:01.8, 3142S:7181W, h19km, ML2.8(GUC), After GUC.

GUC 22 17:57:01.8, 0, 3142S:7181W, h19km, 4km, MD3.7, ML2.8, 2C-1D, Near coast of central Chile

ISJCJB 22 17:59:34.8, 1.6, 748S:008:128E:01, h144km, 17km, mb3.6/4, Error ellipse: s-maj=23.4km s-min=10.5km az=131.3

IDC 22 17:59:34.8, 5.5, 750S:128.26E, h124km, 50km, mb3.3/1, mb1.3/8, mb1mx3.6/13, mbtmpt3.4/6, MS3.7/1, Ms1.3/7.1, ms1mx2.5/16, Error ellipse: s-maj=80.2km s-min=22.8km az=62.0

NEIC 22 17:59:35.2, 2.2, 747S:128.31E, h131km, 22km, mb3.7/1, Error ellipse: s-maj=22.7km s-min=16.9km az=57.0

ISC 22 17:59:39.2, 1.2, 780S:007:128E:01, h177km, 11km, n21, a125/27, mb3.6/4, 1D, Banda Sea

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

IDC 22 17:17:36.8, 10.0, 5223N:17997W, h112km, 92km, mb3.3/7, mb3.7/8, mb1mx3.4/25, mbtmpt3.8/8, ML4.3/1, Error ellipse: s-maj=35.8km s-min=20.8km az=13.0

ISJCJB 22 17:17:40.8, 1.0, 523N:02:1799W, h163km, 10km, mb3.5/7, Error ellipse: s-maj=27.2km s-min=12.8km az=125.5

NEIC 22 17:17:41.8, 52.15N:1797W, h160km, G3.3(AEIC), After AEIC.

ISC 22 17:17:41.9, 0.9, 522N:01:1799W, h160km, G3.3, n17, a087/15, mb3.5/7, Andreanof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RLMT Red Lodge, BW06 Boulder Array, PDAR Pinedale Array, etc.

ISCJB 22:18:07:13.5:0.5, 2920N:004:1300E:0.1, h51km, 9km, mb3.6/3, MS2.9/1, Error ellipse: s-maj=16.0km s-min=4.0km az=48.6

JMA 22:18:07:13.3:0.1, 2922N:1300E:h60km, 3km, M3.3 IDC 22:18:07:15.9:2.7, 2910N:1300E:h51km, 27km, mb3.3/1, mb1 3.5/5, mb1mx3.2/2, mbtp3.5/5, ML3.2, MS3.1/1, Ms1 3.1/1, ms1mx2.1/19, Error ellipse: s-maj=33.3km s-min=16.8km az=109.0

ISC 22:18:07:14.3:0.6, 2920N:004:1300E:0.10, h37km, 12km, n16, r0963/25, mb3.6/3, MS2.9/1, Ryukyus Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JNN Nakanoshima, JAM Amami Oshima, JIZI Kikuchishima, etc.

NEIC 22:18:11:56.6, 1537N:9570W, h15km, MD3.5(MEX), After MEX

MEX 22:18:11:58.2:0.3, 1550N:9572W, h19km, 120km, MD3.5, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HUIG Huatulco, CMIG Matias Romero, VHO Vista Hermosa, etc.

LDG 22:18:30:42.9:0.1, 4493N:738E, h2km, Md2.5/2, Ml2.3/18, Error ellipse: s-maj=2.8km s-min=1.4km az=81.0

ISCJB 22:18:30:43.2:0.3, 4497N:002:732E:0.03, h26km, 2km, Error ellipse: s-maj=4.2km s-min=2.7km az=148.9

ROM 22:18:30:43.0:0.2, 4491N:728E, h5km, 2km, Md2.3/7, Ml1.8/4, Error ellipse: s-maj=2.4km s-min=1.8km az=100.0

STR 22:18:30:43.2:1.0, 4491N:739E, h5km, 1km, Ml2.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RSP Reno Superiore, OG22 Abries, DOI San Damiano, etc.

CSEM 22:18:38:41.3, 6717N:2067E, h0km, ML3.1, Suspected Mining explosion. After UPP

UPP 22:18:38:41.3, 6717N:2067E, h0km, ML3.1, Suspected Mining explosion.

HEL 22:18:38:42.0:0.1, 6717N:2068E, h0km, ML3.1(UPP), Suspected explosion, Sweden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BGF Bois d'Agland, CAC Calvaci, TCF Toulx Ste Croi, etc.

IDC 22:18:47:45.9:3.2, 609S:15190E, h0km, mb3.2/2, mb1 3.5/3, mb1mx3.3/12, mbtp3.4/3, ML2.4/1, Error ellipse: s-maj=153.3km s-min=41.9km az=126.0, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, WBG Warramunga Arr, WRA Warramunga Arr, etc.

IDC 22:18:58:59.1:6.5, 5160N:17678W, h0km, mb3.8/4, mb1 3.9/4, mb1mx3.6/22, mbtp3.8/4, Error ellipse: s-maj=261.5km s-min=30.2km az=7.0, Andreanof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes station PDAR Pinedale Array.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SOMM Songino Array, MKAR Makanchi Array, BRTR Keskin Array B.

ISCJB 22:19:03:57.5:0.8, 466N:0.1:1536E:0.2, h33km, mb4.2/18, MS3.6/3, Error ellipse: s-maj=20.3km s-min=10.0km az=100.5

MOS 22:19:03:57.4:1.2, 4655N:15353E, h36km, mb4.5/4, Error ellipse: s-maj=16.9km s-min=13.6km az=74.9

IDC 22:19:04:01.8:5.0, 4641N:15343E, h59km, 45km, mb3.5/10, mb1 3.7/12, mb1mx3.6/22, mbtp3.8/12, ML3.5/2, MS3.5/4, Ms1 3.5/4, ms1mx3.0/35, Error ellipse: s-maj=28.1km s-min=25.2km az=42.0

NEIC 22:19:04:02.0:2.4, 4639N:15339E, h62km, 23km, mb4.3/4, Error ellipse: s-maj=18.9km s-min=15.8km az=195.0

ISC 22:19:03:56.3:4.7, 466N:01:1536E:0.2, h11km, 29km, n33, r1915/31, mb4.2/18, MS3.6/3, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SKR Severo-Kuril's, ASAJ Asawaka, ASAJ Asahikawa, etc.

IDC 22:19:55:38.9:0.9, 1017N:9168E, h0km, mb3.8/10, mb1 3.9/10, mb1mx3.7/23, mbtp3.8/10, Error ellipse: s-maj=40.6km s-min=15.3km az=58.0

KRSC 22:19:33:57.5151N:15801E, h133km, ML3.5, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RUS Russkaya, GRL Gorelyy, etc.

Table with columns: PCPH, Station Name, Time, Res, Pn, S, Sn, H, V, W, C, U, P, B. Includes stations like Palayan, Baler, Virac, Cuyo Island, etc.

CASC 22 20:33:03.1±1.9, 1324N-8774W, h2km, gkm, MD3.5, ML2.7, 2C-3D, Honduras

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, Op, ISC, h, m, s, ISC. Includes stations like CNCH, BLLM, TELN, SNI, LEON, etc.

CASC 22 20:35:13.7±2.0, 1468N-9064W, h8km, gkm, MD3.5, 3C-4D, Guatemala

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, Op, ISC, h, m, s, ISC. Includes stations like Guatemala City, Pacaya, NBG, FUG, TER, TP2, BJD, JAT, RBDL, etc.

IDC 22 20:51:39.8±3.0, 915S-1077E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.5/16, mbtmp3.7/4, Error ellipse: s-maj=126.7km s-min=23.2km az=51.0, South of Jawa

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, Op, ISC, h, m, s, ISC. Includes stations like WRA, ASAR, SONM, MKAR, etc.

CSEM 22 20:58:16.7, 6718N-2072E, h0km, ML3.2, Suspected Mining explosion. After UPP

HEL 22 20:58:17.3±0.0, 6718N-2071E, h0km, ML1.3, ML3.2(UPP), Suspected explosion, Sweden

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, Op, ISC, h, m, s, ISC. Includes stations like DUNU, KUA, SALU, etc.

ISCJB 22 20:59:39.2±0.8, 4389N-003±10573W, h0km, Error ellipse: s-maj=6.8km s-min=3.6km az=108.0

NEIC 22 20:59:39.5±0.9, 4377N-10520W, h0km, ML3.2, Error ellipse: s-maj=12.0km s-min=10.4km az=96.0, Suspected Mining explosion.

NEIC 60 km [40 miles] SSE of Gillette, IDC 22 20:59:39.8±0.9, 4399N-10570W, h0km, mb4.2/2, mb1 3.9/6, mb1mx3.6/22, mbtmp3.7/6, ML3.4/4, MS3.2/1, Ms1 3.2/1, ms1mx1.9/43, Error ellipse: s-maj=23.3km s-min=7.3km az=146.0

ISC 22 20:59:39.3±0.5, 4399N-003±10557W, h0km, n25, s=140/65, Wyoming

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, Op, ISC, h, m, s, ISC. Includes stations like PDAR, PDAR, PDAR, etc.

Table with columns: CTU, Station Name, Time, Res, Pn, S, Sn, H, V, W, C, U, P, B. Includes stations like Hansel Valley, Chamberlain Mo, Paradox Valley, Mesa Verde, Lac du Bonnet, etc.

BJI 22 21:00:50.2, 055S-9704E, h30km, mb5.0, mb4.6, Ms4.3, Ms2.4, 1

ISCJB 22 21:00:56.4±0.5, 009N-006-9715E, h0.6, h35km, mb4.4/3/2, MS3.7/3, Error ellipse: s-maj=11.0km s-min=6.8km az=93.4

IDC 22 21:00:57.0±0.7, 003N-9704E, h36km, mb4.1/1/4, mb1 4.1/15, mb1mx3.9/22, mbtmp4.3/15, ML3.8/1, MS3.2/2, Ms1 3.2/2, ms1mx2.7/31, Error ellipse: s-maj=25.4km s-min=12.0km az=47.0

NEIC 22 21:00:56.3±0.5, 006N-9707E, h30km, mb4.4/10, Error ellipse: s-maj=12.5km s-min=7.3km az=58.0

ISC 22 21:00:57.7±0.5, 006N-9714E, h007, h37km, h37km, 1.6km, s=PP-P, n58, s=129/57, mb4.4/3/2, MS3.7/3, 1D, Northern Sumatra

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, Op, ISC, h, m, s, ISC. Includes stations like PSI, PSI, PPI, BSI, etc.

ISCJB 22 21:01:03.0±0.6, 2445S-004-6713W, h008, h174km, 11km, mb2.9/1, Error ellipse: s-maj=11.8km s-min=6.4km az=176.2

IDC 22 21:01:04.2±1.1, 2443S-6704W, h159km, 16km, mb3.8/1, mb1 3.5/6, mb1mx3.3/18, mbtmp3.9/6, MS3.4/2, Ms1 3.4/2, ms1mx2.8/28, Error ellipse: s-maj=22.3km s-min=12.2km az=82.0

NEIC 22 21:01:04.0±0.6, 2441S-6704W, h164km, 9km, mb3.8/3, Error ellipse: s-maj=10.9km s-min=7.4km az=89.0

GUC 22 21:01:06.3±0.8, 2463S-6747W, h180km, ML4.1, ISC 22 21:01:04.0±0.6, 2445S-004-6709W, h083, h163km, 11km, n20, s=103/26, mb3.9/2, 2C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, Op, ISC, h, m, s, ISC. Includes stations like LVC, LVC, CPN1, etc.

Table with columns: HHC, Station Name, Time, Res, Pn, S, Sn, H, V, W, C, U, P, B. Includes stations like ASAR, WMQ, WMQ, SONM, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like DUNDRET, MASU, KUA, SALU, ERTU, NIKU, PAJU, LANU, HARU, SJUU, KIF, SGF.

ISCJB 22:16:14.2, 0.3, 67.17N, 206.6E, h0km, ML3.1, Mining
explosion. s-maj=3.4km s-min=3.0km az=56.2
IDC 22:16:15.3, 0.9, 67.16N, 206.9E, h0km, ML3.1, 3/14,
mb1mx3.0/2.0, mb2mx3.0/4.0, ML2.5/4. Error ellipse:
s-maj=15.0km s-min=6.2km az=117.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like DUNDRET, MASU, KUA, ERTU, PAJU, SALU, NIKU, LANU, HARU, SJUU, KIF, KIP, LILU, KTK1, KTK1.

ISC 22:16:15.4, 0.3, 67.17N, 206.2E, h0km, n45,
+103/71, Sweden
explosion. s-maj=2.5km s-min=2.0km az=108.0, Mining
explosion.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like DUNDRET, MASU, KUA, ERTU, PAJU, SALU, NIKU, LANU, HARU, SJUU, KIF, KIP, LILU, KTK1, KTK1.

ISC 22:16:15.4, 0.3, 67.17N, 206.2E, h0km, n45,
+103/71, Sweden
explosion. s-maj=2.5km s-min=2.0km az=108.0, Mining
explosion.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like DUNDRET, MASU, KUA, ERTU, PAJU, SALU, NIKU, LANU, HARU, SJUU, KIF, KIP, LILU, KTK1, KTK1.

ISC 22:16:15.4, 0.3, 67.17N, 206.2E, h0km, n45,
+103/71, Sweden
explosion. s-maj=2.5km s-min=2.0km az=108.0, Mining
explosion.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like DUNDRET, MASU, KUA, ERTU, PAJU, SALU, NIKU, LANU, HARU, SJUU, KIF, KIP, LILU, KTK1, KTK1.

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

IDC 22:24:04.6, 3.2, 105.7N, 93.88E, h0km, mb3.6/4, mb1.3/8.4,
mb1mx4.4/19, mb2mx3.6/4, Error ellipse: s-maj=128.7km
s-min=23.8km az=65.0
ISCJB 22:24:07.1, 1.1, 107.0N, 02.94E, 0.3, h33km, mb3.8/6,
Error ellipse: s-maj=51.9km s-min=11.3km az=126.3
NEIC 22:24:08.7, 0.9, 106.4N, 93.88E, h30km, mb4.0/3, Error
ellipse: s-maj=44.2km s-min=9.7km az=64.0
ISC 22:24:09.5, 1.1, 107.0N, 02.939E, 0.3, h35km, n13, +103/12,
mb3.8/6, Andaman Islands region

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

BUI 22:23:20:16.0, 2.295S, 172.14E, h35km, mb5.1, mb4.8, Ms5.2,
Ms2.7
ISCJB 22:23:20:1.2, 0.2, 3.2, 226.6E, 0.09x171.5E, 0.1, h43km, 18km,
mb4.6/22, MS3.8/6, Error ellipse: s-maj=18.4km
s-min=11.3km az=95.8
IDC 22:23:20:3.0, 3.9, 2.266S, 171.45E, h48km, 33km, mb4.1/8,
mb1.4/3.10, mb1mx4.2/15, mb2mx4.4/10, ML4.1/2, MS3.7/8,
Ms1.3/7.8, ms1mx3.5/19, Error ellipse: s-maj=28.1km
s-min=22.6km az=56.0
NEIC 22:23:20:22.0, 0.4, 2.261S, 171.48E, h35km, mb4.6/14, Error
ellipse: s-maj=12.9km s-min=11.2km az=201.0

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

ISC 22:23:22.4, 2.1, 2.264S, 0.09x171.5E, 0.1, h42km, 16km,
h39km, 3.4km, pp-P, n28, +080/41, mb4.6/22, MS3.8/6,
8C-5D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ARMA, RPZ, CNB, CTA, CTA, CTA.

ISC 22:23:29:06.4, 0.5, 25.82S, 70.72W, h0km, mb4.5/14,
mb1.4/6.19, mb1mx4.6/22, mb2mx4.5/19, ML4.4/5, MS4.8/21,
Ms1.4/7.21, ms1mx4.7/23, Error ellipse: s-maj=19.9km
s-min=11.7km az=93.0
NEIC 22:23:29:08.2, 2.581S, 70.86W, h30km, mb5.0/46,
ML5.1(GUC), After GUC.
NEIC Felt [V] at Chanaral; [II] at Caldera and Copiapo; [II] at
Taltal.
ISCJB 22:23:29:09.0, 0.2, 2.586S, 0.02x70.69W, h2km,
mb4.9/58, MS4.9/21, Error ellipse: s-maj=5.8km
s-min=2.9km az=176.5
GCMT 22:23:29:08.2, 0.2, 2.585S, 71.23W, h28km, MW5.4/74,
Moment Tensor Solution, s71, c120, -s74, c131;
Duration: 1s Moment tensor: Scale 1017Nm;
Mo: 0.92; 0.1; 0.2; Mo-1.03; 0.2; Mo: 0.49; 0.3;
Mo: 1.77; 0.1; Mo-1.29; 0.5; Best double couple:
Mo: 10.0000x1017 NP1.0x4.00000, 0.19.00000,
1.12.00000. NP2.0x161.00000, 0.73.00000, 0.383.00000.
Principal axes: T 1.6510, Plg62.0000, Azm6.0000; N
0.1020, Plg7.0000, Azm163.0000; P -1.7500,
Plg27.0000. nst21 refers to body waves,
cutoff=40s. nst22 refers to surface waves, cutoff=50s.
GUC 22:23:29:08.2, 0.8, 2.581S, 70.86W, h30km, ML5.1
MOS 22:23:29:10.7, 1.5, 25.81S, 70.64W, h30km, mb5.3/14,
MS5.0E, Error ellipse: s-maj=16.8km s-min=8.1km
az=100.4

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

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

ISC 22:23:29:13.2, 2.580S, 70.90W, h30km, mb5.7, Ms6.4, Ms2.6.0
ISC 22:23:29:11.1, 1.0, 2.589S, 0.02x70.75W, 0.4, h27km,
h27km, 5.5km, pp-P, n203, +097/146, mb4.9/58, MS4.9/21,
9C-5D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PANKSA, COLLIM, COLLIM, COLLIM, COLLIM, COLLIM.

ISC 22:23:29:11.1, 1.0, 2.589S, 0.02x70.75W, 0.4, h27km,
h27km, 5.5km, pp-P, n203, +097/146, mb4.9/58, MS4.9/21,
9C-5D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PRU, TREC, PKSM, PKSM, PKSM, PKSM.

ISC 22:23:29:11.1, 1.0, 2.589S, 0.02x70.75W, 0.4, h27km,
h27km, 5.5km, pp-P, n203, +097/146, mb4.9/58, MS4.9/21,
9C-5D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BOJS, DAVOS, DAVOS, DAVOS, DAVOS, DAVOS.

ISC 22:23:29:11.1, 1.0, 2.589S, 0.02x70.75W, 0.4, h27km,
h27km, 5.5km, pp-P, n203, +097/146, mb4.9/58, MS4.9/21,
9C-5D, Near coast of northern Chile

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

comp=Z,19nm,1.1s,mb4.9	PP	SS	00 27 48.9 +4.8
BJI	S	SS	00 32 14.3 +17
BJI	SS	SS	00 34 45.5 +11
BJI	LR	LR	
comp=Z,3um,29.3s,MS4.8			
Shenyang	36.76 358	↑P	00 26 32.4 +3.1
SNY	S	AMB	00 32 16.8 +6.4
SNY	AMB	AMB	
comp=Z,70nm,1.4s,mb5.3			
SNY	AMB	AMB	
comp=Z,770nm,6.5s			
SNY	LR	LR	
comp=E,3um,17.2s			
SNY	LR	LR	
comp=Z,3um,14.9s,MS5.3			
LZH Lanzhou	36.78 330	↑P	00 26 30.8 +1.4
LZH	AP	P	00 26 41.0 +0.2
LZH	SP	P	00 26 44.9 -0.8
LZH	XP	S	00 32 13.1 +2.5
LZH	S	SS	00 32 29.0 -0.5
LZH	SS	SS	00 34 44.0 -8.4
LZH	eSS	SS	
LZH	AMB	AMB	
comp=Z,130nm,1.0s,mb5.7			
LZH	AMB	AMB	
comp=Z,1um,5.1s			
LZH	LR	LR	
comp=N,9um,15.0s			
LZH	LR	LR	
comp=Z,1.4um,17.8s,MS5.8			
LZH Lanzhou	36.78 330	↑P	00 26 30.7 +1.3
LZH	*PP	P	00 26 41.0 +0.2
LZH	*SP	P	00 26 44.9 -0.8
LZH	S	S	00 28 18.4
LZH	S	SS	00 32 13.1 +2.5
LZH	*SS	SS	00 32 29.0 -0.5
LZH	pmax	pmax	
comp=Z,130nm,1.0s,mb5.7			
LZH	MLR	MLR	
comp=Z,1.4um,17.8s,MS5.8			
LZH Lanzhou	36.78 330	↑P	00 26 30.7 +1.3
LZH	comp=Z,130nm,1.0s,mb5.7		
LZH	pP	pP	00 26 41.0 +0.2
LZH	sP	sP	00 26 44.9 -0.8
LZH	PP	PP	00 28 18.4
LZH	SS	SS	00 32 13.1 +2.5
LZH	sS	sS	00 32 29.0 -0.5
LZH	eSS	SS	00 34 44.0 -8.4
LZH	LR	LR	
comp=Z,1.4um,17.8s,MS5.8			
KLBR Kelerberrin	37.04 191	eP	00 26 29.7 -2.0
HNR	comp=Z,86nm,0.9s,mb5.6		
HNR Honiara	37.31 112	P	00 26 35.3 +1.3
HNR	comp=Z,63nm,0.5s,mb5.7,baz=26.4,slow=9.2,SNR=5.3		
HNR	LR	LR	00 40 17.5
HNR	comp=Z,2um,18.3s,MS4.9,baz=35.5,slow=34		
HNR Honiara	37.31 112	eP	00 26 35.3 +1.3
HNR	comp=Z,408nm,1.2s,mb6.1		
HNR	LR	LR	
comp=Z,2um,20.0s,MS4.9			
MUN Munding	37.73 193	eP	00 26 50.7 +1.3
MUN	eS	P	00 32 38.8 +1.4
HHC	AP	P	00 26 39.8 +1.4
HHC	XP	S	00 28 49.1 -0.7
HHC	PP	P	00 28 53.6 -1.1
HHC	PP	P	00 28 08.6 +3.3
HHC	PCP	P	00 28 49.8 -4.5
HHC	S	S	00 32 35.6 +8.9
HHC	XS	sS	00 32 44.4 -1.2
HHC	S	SS	00 36 48.1 +0.7
HHC	AMB	AMB	
comp=Z,37nm,1.3s,mb5.0			
HHC	AMB	AMB	
comp=Z,577nm,7.6s			
HHC	LR	LR	
comp=N,3um,21.2s,MS5.2			
HHC	LR	LR	
comp=E,3um,19.0s,MS5.2			
HHC	LR	LR	
comp=Z,4um,30.2s			
AGT Agartala	37.85 303	iX	00 26 22.0
SHL	Shilong	eP	00 26 40.9 +0.5
SHL	Shilong	iS	00 32 31.0 +0.9
SHL	Shilong	P	00 26 37.3 -3.3
Baotou	38.09 341	eP	00 26 49.8 +4.1
NWAO Narogin (SRO)	38.44 191	P	00 26 43.6 +0.1
NWAO	comp=Z,74nm,0.7s,mb5.5,baz=121,slow=8.6,SNR=28		
NWAO	LR	LR	00 41 57.3
comp=Z,2um,19.8s,MS5.0,baz=14,slow=35			
VLA Vladivostok	38.46 8	iP	00 26 43.9 +0.2
VLA	Vladivostok	P	00 26 43.9 +0.2
CN2 Changchun	38.70 0	eP	00 26 49.8 +4.1
CN2	eP	P	00 28 57.1 +0.2
comp=Z,20nm,1.0s,mb4.8			
CN2	AMB	AMB	
comp=Z,200nm,5.0s			
CN2	LR	LR	
comp=N,2um,15.0s,MS5.2			
CN2	LR	LR	
comp=E,2um,15.0s,MS5.2			
CN2	LR	LR	
comp=Z,2um,16.0s,MS5.1			
MDJ Mudanjiang	39.69 5	P	00 26 55.5 +1.5
MDJ	AP	pP	00 27 05.9 +0.5
MDJ	XP	sP	00 27 08.9 -1.3
MDJ	PP	P	00 28 28.9 +3.3
MDJ	S	S	00 32 59.0 +4.4
MDJ	XS	sS	00 33 16.0 +2.4
MDJ	SS	SS	00 35 54.8 +3.7
MDJ	AMB	AMB	
comp=Z,75nm,1.1s,mb5.3			
MDJ	AMB	AMB	
comp=Z,550nm,4.5s			
MDJ	LR	LR	
comp=N,2um,22.1s,MS5.0			
MDJ	LR	LR	
comp=E,289nm,20.8s,MS5.0			
MDJ	LR	LR	
comp=Z,3um,25.3s,MS5.0			
MDJ Mudanjiang	39.69 5	eP	00 26 54.7 +0.7
MDJ	comp=Z,140nm,1.3s,mb5.5		
MDJ	eP	pP	00 27 06.5 +1.1
MDJ	LR	LR	
comp=Z,2um,19.0s,MS4.9			
STKA Stephens Creek	39.74 158	eP	00 26 54.0 -0.4
STKA	comp=Z,95nm,0.8s,mb5.6		
STKA Stephens Creek	39.74 158	P	00 26 54.8 +0.4
CAL	Calcutta	eP	00 26 54.7 -0.4
CAL	Calcutta	ex	00 33 07.2
ERM Ermo	40.18 21	P	00 27 01.1 +3.0
ERM	comp=Z,397nm,0.8s,mb6.2,SNR=5.8		
ERM Ermo	40.18 21	PFAKE	00 27 10.0 +1.2
ERM	LR	LR	
comp=Z,809nm,21.0s,MS4.5			
LSA Lhasa	40.62 311	P	00 27 03.4 +1.8
LSA	S	S	00 33 07.5 -1.0
comp=Z,30nm,1.4s,mb4.7			
LSA	AMB	AMB	
comp=Z,520nm,6.0s			
LSA	LR	LR	
comp=N,900nm,16.0s,MS4.9			
LSA	LR	LR	
comp=E,1um,20.0s,MS4.9			
LSA	LR	LR	
comp=Z,2um,19.0s,MS4.9			
LSA Lhasa	40.62 311	↑iP	00 27 03.5 +1.9
LSA	ePP	pP	00 27 14.6 +1.5
LSA	pmax	pmax	
comp=Z,30nm,0.6s,mb5.1			
LSA	MLR	MLR	
comp=Z,2um,20.0s,MS4.9			
LSA Lhasa	41.37 330	P	00 27 08.3 +0.5
LSA	AP	pP	00 27 18.3 -1.0
LSA	XP	sP	00 27 23.5 +5.6
LSA	e	e	00 28 48.7
LSA	LR	LR	
comp=Z,2um,20.0s,MS4.9			
GTA Gaotai	41.37 330	P	00 27 08.3 +0.5
GTA	AP	pP	00 27 18.3 -1.0
GTA	XP	sP	00 27 23.5 +5.6
GTA	PP	PP	00 28 47.9 +4.1

GTA	PCP	PcP	00 29 06.4 +0.9
GTA	SCP	ScP	00 32 52.3 +0.2
GTA	S	S	00 33 20.5 +0.9
GTA	SS	SS	00 33 36.5 -2.1
GTA	SS	SS	00 36 20.8 -3.6
GTA	AMB	AMB	
comp=Z,25nm,1.6s,mb4.6			
GTA	AMB	AMB	
comp=Z,559nm,6.5s			
GTA	LR	LR	
comp=N,4um,16.7s,MS5.5			
GTA	LR	LR	
comp=E,5um,17.5s,MS5.5			
GTA	LR	LR	
comp=Z,6um,16.7s,MS5.5			
ADE Adelaide	41.64 163	eP	00 27 11.6 +1.6
ASAJ Asahikawa	41.86 19	P	00 27 13.1 +1.2
ASAJ	comp=Z,28nm,0.3s,mb5.3,baz=230,slow=10,SNR=18		
BOK Bokaro	42.37 300	eP	00 27 15.0 -1.0
BOK	comp=Z,116nm,1.1s,mb5.4		
BOK	AMB	AMB	
BOK Vishakhapatnam	43.01 291	iX	00 27 36.5
VIS	AMB	AMB	00 27 20.1 -1.0
VIS	AMB	AMB	00 27 28.1
comp=Z,204nm,1.5s,mb5.6			
VIS	iS	S	00 33 47.3 +3.5
ARMA Armidale	43.22 146	eP	00 27 24.6 +1.7
JIRN	Jiri	eP	00 27 27.1 +1.5
JIRN	Jiri	P	00 27 29.4 +0.9
GUN Gumba	43.91 306	eP	00 27 29.4 +0.9
GUN	comp=Z,135nm,0.7s,mb5.8		
PKI Pulchoki	44.16 305	eP	00 27 30.7 +0.3
PKI	comp=Z,122nm,1.1s,mb5.5		
KKN Kakani	44.35 305	eP	00 27 32.1 +0.1
KKN	comp=Z,239nm,1.3s,mb5.8		
DMN Daman	44.42 305	eP	00 27 32.9 +0.4
DMN	comp=Z,203nm,1.2s,mb5.7		
HIA Hailar	44.43 355	iP	00 27 31.5 -1.1
HIA	Hailar	iP	00 27 31.6 -1.0
HIA	Hailar	LR	
comp=Z,3um,22.0s,MS5.2			
PALK Pallekele	44.45 275	P	00 27 36.5 +3.7
PALK	comp=Z,163nm,1.4s,mb5.6,SNR=5.4		
PALK Pallekele	44.45 275	↑P	00 27 36.3 +3.6
PALK	comp=Z,49nm,1.1s,mb5.5		
PALK Pallekele	44.45 275	↑iP	00 27 36.5 +3.7
PALK	eP	P	00 29 16.0 +0.2
PALK	LR	LR	
comp=Z,338nm,21.0s,MS4.2			
KLR Kul'dur	44.47 6	eP	00 27 29.0 -3.9
KLR	eS	S	00 34 03.5 -1.6
KLR	pmax	pmax	
comp=E,40nm,1.6s			
KLR KLR	44.47 17	iP	00 27 32.8 -0.1
KLR	comp=Z,200nm,1.6s,mb5.6		
YSS Yuzh-Sakhalins	44.47 17	iP	00 27 43.7 -0.8
YSS	ePP	P	00 34 04.0 -1.1
YSS	S	S	00 37 08.0 -1.7
YSS	pmax	pmax	
comp=N,70nm,1.1s			
YSS	pmax	pmax	
comp=E,30nm,1.1s			
YSS	pmax	pmax	
comp=Z,80nm,1.1s,mb5.4			
YSS	pmax	pmax	
comp=Z,1um,8.0s			
YSS	smax	smax	
comp=N,1um,16.0s			
YSS	MLR	MLR	
comp=E,1um,18.0s			
YSS	MLR	MLR	
comp=Z,1um,18.0s,MS4.9			
YSS Yuzh-Sakhalins	44.47 17	iP	00 27 32.0 -0.9
YSS	eP	P	00 27 40.3 -0.9
YSS	LR	LR	
comp=Z,2um,22.0s,MS5.0			
GKN Gorkha	44.96 305	eP	00 27 36.9 +0.1
GKN	comp=Z,218nm,1.4s,mb5.8		
MDRS Chennai	45.22 283	eP	00 27 40.0 +1.1
KOLN	Kolandia	eP	00 27 43.7 +0.9
KOLN	comp=Z,165nm,0.9s,mb5.0		
SONM Songino Aray	45.73 342	P	00 27 43.2 +0.3
SONM	comp=Z,8.2nm,1.0s,mb4.6,baz=162,slow=7.5,SNR=28		
SONM	PcP	PcP	00 29 20.2 0.0
SONM	LR	LR	00 49 25.5
comp=Z,19nm,1.2s,baz=165,slow=4.7,SNR=4.8			
SONM Songino Aray	45.73 342	P	00 27 43.2 +0.3
SONM	comp=Z,3um,18.9s,MS5.2,baz=153,slow=40		
SONM Canberra Magne	45.96 152	eP	00 27 46.6 +1.8
SONM	comp=Z,121nm,1.2s,mb5.7		
TOO Toolangi	46.26 158	eP	00 27 49.1 +2.0
TOO	comp=Z,97nm,1.1s,mb5.7		
TOO Toolangi	46.26 158	eP	00 27 49.1 +2.0
TOO	pmax	pmax	
comp=Z,97nm,1.1s,mb5.7			
ALBI Allahabad	46.37 301	eP	00 27 47.5 -0.5
SALM	Salem	ex	00 27 57.0
JBP	Jabalpur	eP	00 27 58.2 +2.6
JBP	Jabalpur	eS	00 34 51.4 +4.3
HYB Hyderabad	47.43 289	iP	00 27 58.0 +1.8
HYB	comp=Z,120nm,1.0s,mb5.8		
HYB Hyderabad	47.43 289	eP	00 27 58.0 +1.8
HYB	comp=Z,120nm,1.0s,mb5.8		
HYB Nagpur	47.69 294	eP	00 27 58.0 +1.8
NGP	Nagpur	eS	00 34 54.0 +6.4
NGP	Nagpur	S	00 27 57.5 -0.8
NGP	Nagpur	x	00 28 03.0
comp=Z,170nm,1.4s			
NGP Chita	47.94 350	eP	00 34 54.8 +3.4
CIT	Chita	eP	00 28 05.0 +0.3
CIT	Chita	e	00 29 26.3
comp=Z,91nm,1.6s,mb5.5			
TRD Trivandrum	48.17 277	eP	00 28 02.5 +0.5
TRD	AMB	AMB	00 28 09.9
comp=Z,120nm,1.5s,mb5.7			
DZM Mont Dzumac	48.34 125	eP	00 28 05.1 +1.8
ZAK	Zakamensk		

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Table with columns for call sign, frequency, power, and other technical details. Includes stations like AAK, AAL, AAM, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like KBD, RDF, SDPT, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like OBN, OBN, OBN, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Hyderabad, Bhopal, Mangalore, Urumqi, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kiv, ATD, IMA2, PMR, MCK, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ERUA, ECAL, PBRG, etc.

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

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

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

ellipse: s-maj=5.9km s-min=3.2km az=10.0
 WAR 23 08:23:48.5154N,1603E,ML2.7,Mining Induced
 PRC 23 08:23:48.2.5151N,1606E,h0km
 VIE 23 08:23:49.9.0.5,5129N,1605E,h0km,mb2.2,ML2.9/4,
 Error ellipse: s-maj=2.9km s-min=2.6km az=176.0 70 km
 WNW of Breslau Suspected Mining induced.
 ISC 23 08:23:46.6.0.5,5156N,1607E,0.03,h0km,n27,
 @0975/52,3C,Poland

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
Code	Station Name	Δ° AZ°	Op	ISC	h m s ISC
KSP	Ksiaz	0.73 169	eP	08 24 01.5	+1.0
KSP			e	08 24 03.7	
KSP			eSg	08 24 10.9	+0.9
KSP			e	08 24 14.9	
KSP	Ksiaz	0.73 169	eP	08 24 01.4	+0.9
KSP			eSg	08 24 10.8	+0.8
UPC	Upice	1.05 182	eP	08 24 07.3	+0.6
DPC	Dobruska-Polom	1.05 182	eP	08 24 07.2	+0.5
DPC		1.22 172	eP	08 24 10.9	+1.0
DPC			eSg	08 24 25.8	+0.1
DPC	88nm,0.7s				
DPC	Dobruska-Polom	1.22 172	eP	08 24 10.5	+0.6
DPC			eSg	08 24 25.5	-0.2
PVCC	Panska Ves	1.40 223	eP	08 24 13.8	+0.5
PVCC	Panska Ves	1.40 223	eP	08 24 13.9	+0.5
PVCC			eSg	08 24 32.9	+1.4
BRG	Berggieshübel	1.50 244	eP	08 24 15.0	0.0
BRG			eSg	08 24 35.2	+0.4
BRG	31nm,0.4s				
BRG	Berggieshübel	1.50 244	eP	08 24 15.4	+0.6
BRG			eSg	08 24 34.9	+0.1
PRU	Pruhonic	1.84 212	eP	08 24 21.5	+0.4
PRU			eSg	08 24 45.2	-0.7
PRU	29nm,0.6s				
PRU	Pruhonic	1.84 212	eP	08 24 21.3	+1.8
PRU			eSg	08 24 45.1	-0.8
CLL	Collm	1.94 264	eP	08 24 22.1	+0.5
CLL			eP	08 24 23.0	-0.7
CLL			i x	08 24 26.7	
CLL			eSg	08 24 49.0	+0.2
CLL	comp=Z,15nm,0.6s				
CLL			i x	08 24 58.0	
CLL	Collm	1.94 264	eP	08 24 20.2	-0.5
MORC	Moravsky Berou	2.01 252	eP	08 24 22.1	+0.3
MORC			eSg	08 24 48.8	-2.5
MORC	comp=Z,20nm,0.4s				
OKC	Ostrava-Krasne	2.17 142	eP	08 24 27.5	-0.7
OKC			eSg	08 24 55.6	-0.7
OKC	comp=Z,26nm,0.5s				
VRAC	Vranov	2.27 171	eP	08 24 26.2	+0.8
VRAC			eSg	08 24 58.9	-0.8
VRAC	comp=Z,14nm,0.3s				
NKC	Novy Kostel	2.65 241	eP	08 24 31.2	+0.7
NKC			eP	08 24 36.9	-0.4
NKC			eSg	08 25 12.2	+0.5
NKC	comp=Z,33nm,0.3s				
NKC	Novy Kostel	2.65 241	eP	08 24 31.1	+0.6
OJC	Ojcow	2.71 118	eP	08 24 39.3	+0.7
OJC			eSg	08 25 14.9	+1.1
KHC	Kasperske Hory	2.91 214	eP	08 24 34.7	+0.6
KHC			eP	08 24 39.8	-2.5
KHC			eSg	08 25 09.4	-0.3
KHC			eSg	08 25 20.5	+0.6
KHC	comp=Z,17nm,0.7s				
KHC	Kasperske Hory	2.91 214	eP	08 24 40.8	-1.5
KHC			eSg	08 25 09.4	-0.3
KHC			eSg	08 25 20.5	+0.6
KHC	comp=Z,17nm,0.7s				
BSD	Bornholm Skovb.	3.63 349	i P	08 24 43.6	-0.5
BSD			i S	08 25 25.4	-2.2
CONA	Conrad Observa	3.63 182	iP	08 25 40.5	-2.8
MOA	Molin	3.89 198	iP	08 24 47.0	-0.6
MOA			iP	08 25 50.0	-1.6
MOA	comp=Z,8.2nm,0.5s				
STHS	Stebnicka Huta	3.94 121	eP	08 25 03.2	+1.1
STHS			eSg	08 25 57.6	+4.5
KECS	Kecovo	4.19 135	eSg	08 26 01.0	-0.2

ISCJB 23 08:32:55.6.0.5,771S:005:12815E:008,h100km,
 mb3.8/10, Error ellipse: s-maj=11.8km s-min=5.9km
 az=149.8

IDC 23 08:32:58.8.3.9,750S:12839E,h114km,35km,mb3.6/7,
 mb1.3/8/10,mb13.8/15,mbtmp4.1/10, Error ellipse:
 s-maj=48.8km s-min=16.6km az=71.0

NEIC 23 08:32:59.0.1.9,751S:12850E,h124km,18km,mb4.0/7,
 Error ellipse: s-maj=2.9km s-min=1.8km az=71.0

ISC 23 08:32:57.3.0.5,761S:006:1282E:01,h100km,n27,
 @122/33,mb3.8/10,Banda Sea

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
Code	Station Name	Δ° AZ°	Op	ISC	h m s ISC
KAKA	Kakadu	6.55 141	eP	08 34 34.8	+3.7
KAKA			eS	08 35 42.2	-2.1
FITZ	Fitzroy Crossi	10.73 193	eP	08 35 30.1	+2.3
FITZ			eS	08 37 22.3	-3.6
FITZ	Fitzroy Crossi	10.73 193	eP	08 35 31.7	+3.9
FITZ	0.9nm,0.3s,baz=24,slow=10,SNR=27		S	08 37 24.5	-1.4
WRAB	Tennant Creek	13.62 155	eP	08 36 06.4	+0.2
WRAB			eSg	08 38 24.9	-1.1
WRA	Warramunga Arr	13.62 155	P	08 36 05.9	-0.3
WRA	2.4nm,0.3s,baz=334,slow=13,SNR=63		S	08 38 27.0	-9.1
WB2	Warramunga Arr	13.62 155	eP	08 36 06.1	-0.2
WB2			eS	08 38 26.6	-1.0
MBWA	Marble Bar	15.77 211	eP	08 36 40.4	+6.8
MBWA			eS	08 39 21.3	-6.8
AS31	Alice Springs	16.87 162	eP	08 39 49.1	+1.9
AS31			eS	08 39 45.5	-1.3
ASAR	Alice Springs	16.87 162	P	08 36 48.9	+1.6
ASAR	1.9nm,0.3s,baz=340,slow=10,SNR=129		S	08 39 43.2	-1.5
ASPA	Alice Springs	16.87 162	eP	08 36 49.1	+1.9
ASPA			eS	08 39 45.5	-1.3
STKA	Stephens Creek	27.17 154	eP	08 38 32.7	+1.4
STKA	2.9nm,1.3s,mb3.8		P	08 38 32.5	+1.2
STKA	0.9nm,0.4s,mb3.7,baz=128,slow=16,SNR=5.7		P	08 41 00.4	-1.6
MJAR	Matsushiro Arr	44.91 11	P	08 42 44.1	+1.2
SOMI	Songino Array	58.48 343	P	08 43 44.6	+0.3
MKAR	Makani Array	67.78 328	P	08 44 08.4	-2.0
MKAR	0.7nm,0.5s,mb3.7,baz=125,slow=8.2,SNR=8.5		PcP	08 44 08.4	-2.0
VNDA	Vanda	72.06 173	P	08 44 10.3	-0.2
VNDA	0.4nm,0.7s,mb3.3,baz=315,slow=6.5,SNR=4.1		P	08 44 10.4	-0.2
VNDA	Vanda	72.06 173	eP	08 44 10.4	-0.2
BVAR	Borovoye Array	77.64 328	P	08 44 42.4	-0.3
BVAR	1.1nm,0.7s,mb3.7,baz=127,slow=6.6,SNR=6.7		P	08 44 43.8	-0.1
CHKZ	Chkalovo	77.86 329	eP	08 44 45.8	-0.7
ZRNK	Zerenda	78.33 328	eP	08 45 08.3	+0.2
QSPA	South Pole Qu	82.37 180	eP	08 45 13.3	-0.6
QSPA	1.4nm,0.5s,mb4.0		P	08 45 13.3	-0.6
AKTK	Aktjubinsk	83.48 323	P	08 45 13.3	-0.6
AKTK	0.5nm,0.2s,mb3.9,baz=123,slow=7.9,SNR=4.0		PKPab	08 52 25.6	+1.1
LVC	Limon Verde	145.60 151	eP	08 52 25.1	+0.2
CPUP	Villa Florida	145.84 171	PKPbc	08 52 35.1	+2.1
CPUP	0.8nm,0.5s,baz=111,slow=4.9,SNR=4.2		PKPbc	08 52 35.1	+2.1
LPAZ	La Paz	151.27 146	PKP	08 52 40.4	+1.4
LPAZ	2.1nm,0.3s,baz=201,slow=6.7,SNR=14		PKPbc	08 52 40.4	+1.4
LPAZ	1.1nm,0.4s,baz=4.1,slow=6.0,SNR=5.1		PKPbc	08 52 48.5	+1.2
LPAZ	1.4nm,0.6s,baz=225,slow=3.2,SNR=5.1		PKPbc	08 52 35.1	+2.1
LPAZ	La Paz	151.27 146	PKP	08 52 40.4	+1.4
LPAZ			PKPbc	08 52 48.5	+1.2

KISR 23 09:01:24.6.1.1,2963N:5078E,h40km,406km,ML3.3
 CSEM 23 09:01:24.7.0.2,2965N:5069E,h5km,ML3.6,Error
 ellipse: s-maj=5.8km s-min=2.0km az=46.0
 ISCJB 23 09:01:26.3.0.3,2969N:003:5063E:002,h10km,Error
 ellipse: s-maj=5.0km s-min=2.7km az=154.9
 THR 23 09:01:26.5.0.4,2974N:5067E,h17km,8km,ML3.6
 TEH 23 09:01:27.0.2,2960N:5063E,h10km,ML3.6
 ISC 23 09:01:27.2.0.3,2964N:003:5065E:002,h10km,n24,
 @075/40,Southern Iran

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
Code	Station Name	Δ° AZ°	Op	ISC	h m s ISC
IKAZ	Kazeroon	1.04 82	eP	09 01 46.8	-1.1
SHI	Shiraz	1.62 89	eP	09 01 56.0	+0.2
SHI			eSg	09 02 18.0	+1.2
IMOK	Mook	1.90 108	eP	09 01 59.7	+0.1
IMOK			eSg	09 02 24.1	+0.5
ISRV	Sarvestan	2.16 96	eP	09 02 03.3	0.0
ISRV			eSg	09 02 30.4	+0.3
GHIR	Ghir-Karzin	2.45 123	eP	09 02 08.6	+1.4
GHIR			eSg	09 02 44.6	-1.4
GHIR	comp=E,404nm,0.6s		AML	09 02 56.2	
GHIR	comp=N,272nm,0.6s		AML	09 03 05.5	
GHIR	Ghir-Karzin	2.45 123	eP	09 02 08.6	+1.3
GHIR	SNR=52		eSg	09 02 44.6	-1.4
QRN	Al-Qurain	2.55 250	eP	09 02 08.1	-0.5
QRN			eSg	09 02 38.9	+0.1
QRN	comp=Z,66nm,0.3s		AML	09 02 41.2	
UMR	Umm Al-Rimman	2.56 269	eP	09 02 07.9	-0.8
UMR			eS	09 02 40.3	+0.4
UMR	comp=Z,103nm,0.4s		AML	09 02 44.0	
KBD	Kabd	2.62 261	eP	09 02 08.9	-0.7
KBD			eS	09 02 42.6	+1.2
KBD	comp=Z,234nm,0.4s		AML	09 02 44.2	
RDF	Al-Radif	2.80 256	eP	09 02 11.6	-0.5
RDF			eS	09 02 45.8	-0.1
RDF	comp=Z,91nm,0.3s		AML	09 02 48.3	
MIB	Mutribah	2.88 274	eP	09 02 12.6	-0.6
MIB			eS	09 02 48.8	+0.8
MIB	comp=Z,110nm,0.6s		AML	09 02 52.5	
IGAR	Garneh	2.92 27	eP	09 02 14.6	+0.9
IGAR			eSg	09 02 50.9	+2.2
AI-Naaem	AI-Naaem	3.00 263	eP	09 02 51.5	+0.7
NAY			eS	09 02 53.9	
IPIR	Pirpir	3.04 4	eP	09 02 15.5	+0.1
IPIR			eSg	09 02 51.7	-0.1
RST	Umm Al-Ruwaisa	3.19 268	eP	09 02 16.2	-1.1
RST			eS	09 02 55.8	+0.4
RST	comp=Z,70nm,0.5s		AML	09 03 00.5	
ISAD	Sadabad	3.46 48	eP	09 02 20.9	-0.2
ISAD			eSg	09 03 01.5	-0.6
IZEF	Zefreh	3.55 23	eP	09 02 22.6	+0.2
NASN	Na'in	3.65 30	eP	09 02 23.4	-0.3
KLH	Kalahroud	3.75 12	eP	09 02 25.1	-0.1
IKLH			eSg	09 03 08.5	-0.9
IBAF	Bafgh	4.66 64	eP	09 02 36.6	+1.1
ASAO	Ashtian	4.92 354	eP	09 02 41.0	+0.2
ASAO			eSg	09 03 51.5	
ASAO	comp=N,40nm,0.5s		AML	09 03 51.5	
BNDS	Bandar-Abbas	5.34 113	eP	09 02 48.0	+1.0
BNDS			eSg	09 04 03.1	
SNGE	Sanandaj	6.11 334	eP	09 02 57.4	-0.2
SNGE			eSg	09 04 27.7	
CHTH	Charan	6.26 4	eP	09 02 59.5	-0.2

CSEM 23 10:03:04.2.1.2,3850N:2852W,h19km,6km,ML1.7,Error
 ellipse: s-maj=5.9km s-min=3.1km az=25.0,After PDA
 PDA 23 10:03:04.2.1.2,3850N:2852W,h19km,6km,MD2.8
 ML1.7, Error ellipse: s-maj=5.9km s-min=3.1km az=25.0

SVSA 23 10:03:04.2.1.2,3850N:2852W,h19km,6km,MD2.8,
 ML1.7, Error ellipse: s-maj=5.9km s-min=3.1km az=25.0,
 Azores Islands

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
Code	Station Name	Δ° AZ°	Op	ISC	h m s ISC
PCND	Candelaria	0.06 119	eP	10 03 07.7	+0.1
PCND			eS	10 03 07.9	-0.2
PCND	68nm,0.1s				
PICO	Pico	0.08 86	eP	10 03 07.1	-0.7
PICO			eSg	10 03 09.2	-0.9
HOR	Horta	0.09 290	eP	10 03 07.4	-0.7
HOR			eSg	10 03 09.5	-0.8
PBOI	Pico dos Bois	0.13 117	eS	10 03 07.0	-0.3
PBOI			eSg	10 03 07.1	-0.7
PBOI	18nm,0.2s				
PTEI	Pico do Teixeira	0.13 90	eS	10 03 10.3	-0.7
PTEI			eSg	10	

Table with columns: KECS, CRVS, CONA, MOA, etc. and values for various stations like Cervenica-Dubn, Conrad Observa, Molin, etc.

ISCJB 23 10:54:16.0, 3.4760N, 122.69W, 0.03, h21km, 4km, Error ellipse: s-maj=4.0km s-min=2.9km az=148.7, PGC 23 10:54:16.4, 0.1, 4.753N, 122.77W, h24km, 2km, ML2.3/1.0, 33km southwest of Seattle, WA Washington

Main table for station data with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC, etc.

IDC 23 11:56:47.6, 4.0, 2025N, 121.05E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.4/1.8, mbtmp3.4/3, MS3.6/3, Ms1 3.6/3, s-min=28.0km, 1D, Error ellipse: s-maj=328.7km s-min=28.0km, Az=61.0, Philippine Islands region

Table for station data in the Philippine Islands region, including Callao Caves, Makar, Warramunga, etc.

ISCJB 23 12:22:50.8, 3.2, 46S, 02:1518E, 0.2, h192km, 26km, mb3.8/7, Error ellipse: s-maj=26.9km s-min=24.6km az=176.3

Table for station data in the New Britain region, including Port Moresby, KAKA, DZM, etc.

ISCJB 23 12:22:51.2, 2.2, 46AS, 02:1518E, h186km, 18km, mb4.4/3, Error ellipse: s-maj=17.5km s-min=16.5km az=52.0

Table for station data in the New Britain region, including Port Moresby, KAKA, DZM, etc.

Table with columns: SONM, MKAR, TORD, etc. and values for various stations like Songio Array, Makanchi Array, Torodi Ar. Bea, etc.

JMA 23 12:24:20.8, 0.1, 3619N, 140.02E, h52km, 1km, M3.7, 1C-6D Broadband fault plane solution: P waves: NP1: 0.194, 0.0000, 815.00000, 1.68.00000, NP2: 0.3700000, 0.376.00000, 0.96.00000, Principal axes: T P1g58.00000, Azm314.00000; N P1g5.00000; Azm215.00000; P P1g31.00000, Azm122.00000; Near east coast of eastern Honshu

Main table for station data in the eastern Honshu region, including YJY, JAG, JAT, etc.

ISCJB 23 13:05:11.3, 1.3, 582S, 005:14556E, 0.06, h48km, 12km, mb4.8/4.1, MS3.8/1.1, Error ellipse: s-maj=10.3km s-min=7.8km az=143.0

IDC 23 13:05:12.2, 2.5, 583S, 145.55E, h41km, 23km, mb4.2/1.4, mb1 4.4/1.7, mb1mx4.4/1.9, mbtmp4.5/1.7, ML4.0, 2, MS3.7/9, Ms1 3.7/9, ms1mx3.3/1.9, Error ellipse: s-maj=20.2km s-min=12.2km az=75.0

MOS 23 13:05:12.2, 0.9, 5.777S, 145.58E, h56km, mb4.8/1.0, Error ellipse: s-maj=15.9km s-min=8.2km az=96.2, NEIC 23 13:05:14.3, 1.3, 584S, 145.53E, h60km, 11km, mb4.7/1.4, Error ellipse: s-maj=9.3km s-min=7.0km az=58.0

BUI 23 13:05:15.1, 5.40S, 145.54E, h62km, mb5.2, mb4.9, Ms4.7, Ms24.3

ISC 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

Main table for station data in the Eastern New Guinea region, including Port Moresby, Charters Tower, etc.

ASAR 23 13:05:21.1, 0.4, 2025N, 121.05E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.4/1.8, mbtmp3.4/3, MS3.6/3, Ms1 3.6/3, s-min=28.0km, 1D, Error ellipse: s-maj=328.7km s-min=28.0km, Az=61.0, Philippine Islands region

Table for station data in the Philippine Islands region, including ASAR, ASPA, FITZ, etc.

Table with columns: MDJ, YSS, etc. and values for various stations like Z, 2.54nm, 5.0s, etc.

YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

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YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

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YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

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YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

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YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

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YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

YSS 23 13:05:13.9, 1.2, 585S, 005:14561E, 0.06, h56km, 12km, mb4.8/4.0, mb3.8/3.1, pp, n7, 0:989G, 0, 11, 4C-5D, Eastern New Guinea region

Error ellipse: s-maj=15.8km s-min=12.2km az=135.0

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

TIXI comp=Z,7.0nm,1.9s,mb4.1 pmax pmax

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Makanchi Array, Ala-Archa, College, etc.

TRG TRG comp=E,10.0nm,0.8s eSg Sg 14 36 21.9 -4.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Chara, Tupik, Khatpachera, etc.

MOS 23 14:43:39.0t 1.6, 4632N, 15286E, h33km, mb4.3/1, Error ellipse: s-maj=18.7km s-min=14.1km az=54.1

Table with columns: BRVK, Borovoye, 65.70 327 eP, P, 17 24 58.5 -1.4, etc.

ISC/JB 23 17:32:02.0.5, 4936N-002.689E.005, h0km, Error ellipse: s-maj=4.7km s-min=3.4km az=163.5

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, etc.

MAN 23 17:47:16.8, 1348N, 12148E, h1km, mb2.7, ML4.1, MS1.4, 1C, Mindoro

SOF 23 17:59:17.0, 4009N-2542E, h10km, MD2.6, ISC/B 23 17:59:22.9, 4026N-2541E, h27km, 1km, MD3.4, 7

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, etc.

Table with columns: MMB, Musomiste, 1.85 316 / Pg, Pn, 17 59 54.7 -0.3, etc.

ISC 23 18:00:12.0.1, 3, 3805N-004.692E.02, h35km, n16, a0517/18, Tajikistan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, etc.

NIED 23 18:08:00, 24.10N-122.40E, h29km, Mw4.1 Best double couple: Mo, 1.44000x1015 NP1a:69.00000, 889.00000, 1.60.00000, NP2a:337.00000, 830.00000, 1.178.00000

JMA 23 18:08:32.6.0.2, 2406N-122.42E, h32km, M4.1, ISC 23 18:08:31.6.1.2, 2399N-007.12241E.003, h21km, gkm, n26, a065/33, mb3.9/1.0, Taiwan region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, etc.

WRAP Warramunga Arr 45.19 164 P P 18 16 46.6 -0.4, BVAR Borovoye Array 48.53 321 P P 18 17 12.6 -0.6

NEIC 23 18:24:14.4, 3116S-6853W, h107km, MD3.5(GUC), After GUC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, etc.

Table with columns: PEL, Feldehue, 2.69 222 eP, Pn, 18 24 57.0 +0.8, etc.

NEIC 23 18:29:40.9, 4279N-0.46E, h6km, ML2.5(STR), ML2.6(LDG), MN2.3(MDD), After LDG

LDG 23 18:29:40.9, 0.1, 4279N-0.46E, h6km, MD2.6/2, M2.6/10, Error ellipse: s-maj=0.9km s-min=0.7km az=26.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, etc.

REVF Viey 0.34 285 Pg Pg 18 29 47.4 -0.5, REVF Viey 0.34 285 P Pg 18 29 47.4 -0.5

LABF Labassere 0.38 311 Pg Pg 18 29 48.4 -0.3, LABF Labassere 0.38 311 S Pg 18 29 53.7 -0.0

ESAC San Caprasio 1.28 213 Pg Pg 18 30 05.9 0.0, SJPF Ste Jean 1.28 285 eP Pg 18 30 05.4 -1.1

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, etc.

ESAC San Caprasio 1.28 213 Pg Pg 18 30 05.9 0.0, SJPF Ste Jean 1.28 285 eP Pg 18 30 05.4 -1.1

IPRE Ituzte 1.34 271 Pg Pg 18 30 06.5 -0.6, IPRE Ituzte 1.34 271 Pg Pg 18 30 06.5 -0.6

IPRE Ituzte 1.34 271 Pg Pg 18 30 06.5 -0.6, IPRE Ituzte 1.34 271 Pg Pg 18 30 06.5 -0.6

MTLF Montoliou 1.39 66 eP Pg 18 30 05.6 -1.8, MTLF Montoliou 1.39 66 eP Pg 18 30 05.6 -1.8

MTLF Montoliou 1.39 66 eP Pg 18 30 05.6 -1.8, MTLF Montoliou 1.39 66 eP Pg 18 30 05.6 -1.8

MTLF Montoliou 1.39 66 eP Pg 18 30 05.6 -1.8, MTLF Montoliou 1.39 66 eP Pg 18 30 05.6 -1.8

IUSE Utxel 1.49 276 Pg Pg 18 30 09.1 -0.8, IUSE Utxel 1.49 276 Pg Pg 18 30 09.1 -0.8

EARA Aranguren 1.51 270 Pg Pg 18 30 09.1 -1.2, EARA Aranguren 1.51 270 Pg Pg 18 30 09.1 -1.2

EALK Alkurutz 1.51 287 Pn Pn 18 30 08.7 -0.3, EALK Alkurutz 1.51 287 Pn Pn 18 30 08.7 -0.3

EALK Alkurutz 1.51 287 Pg Pg 18 30 10.7 +0.4, EALK Alkurutz 1.51 287 Pg Pg 18 30 10.7 +0.4

ELIZ Elizondo 1.51 285 Pn Pg 18 30 07.8 -1.2, ELIZ Elizondo 1.51 285 Pn Pg 18 30 07.8 -1.2

ELIZ Elizondo 1.51 285 Pn Pg 18 30 07.8 -1.2, ELIZ Elizondo 1.51 285 Pn Pg 18 30 07.8 -1.2

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like U04C Hernandez Rese, R07C Lee Vining, YNR Norris Junctio, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like K07A Rock Creek Ran, J08A Circle Bar Ran, ESPR Esper, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like L02A Cave Junction, B11A Sandpoint, A12A Yaak River Ran, etc.

Table with columns for station name, time, and magnitude. Includes stations like Saint Martin d, Les Rejaudoux, Calviac, etc.

Table with columns for station name, time, and magnitude. Includes stations like Dourbes, Haudompres, Givet, etc.

Table with columns for station name, time, and magnitude. Includes stations like Hyderabad, Asahikawa, Asaj, etc.

NEIC 23 21:01:49.5, 3087Sx7174W, h27km, After GUC. NEIC Felt [I] at Illapel. GUC 23 21:01:49.5-0.8, 3087S, 7174W, h27km, 3km, MLS1.1, 6C-7D, Near coast of central Chile

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual. Lists various stations and their recorded data.

NIED 23 21:17:00, 2920N-14040E, h5km Mw6.4 Best double comp: M3.83000x1018 NP1.318.00000, s56.00000, lambda-89.00000, NP2.153.00000, s35.00000, lambda-77.00000

BUI 23 21:17:16.5, 2916N-14126E, h41km, mb6.5, mb5.7, Ms6.5, Ms6.3 JMA 23 21:17:16.9, 0.6, 2917N-14035E, h3km, 5km, M6.8 JMA Felt II J1. IDC 23 21:17:17.9, 0.4, 2933N-14023E, h0km, mb5.6/28, mb1.5/730, mb1mx5.7/31, mb1mp5.7/31, mb1m2.0/2, MS6.1/36, Ms1.6/136, ms1mx6.7/39, Error ellipse: s-maj=16.2km s-min=12.0km az=0.0

BGS 23 21:17:18.8, 2950N-14153E, h11km, mb6.2, Ms6.2 NEIC 23 21:17:20.0, 0.1, 2935N-14027E, h11km, mb6.1/136, Ms6.3, Ms6.2/171, MW6.4, MW6.3(NIED), Error ellipse: s-maj=4.3km s-min=3.7km az=172.0 Moment Tensor Solution: s79 Moment tensor: Scale 1018Nm; Mr:4.19; Mw:0.85; Ms:3.34; Ms:0.75; Mw:2.11; Mr:1.94; Best double comp: M4.80000x1018 NP1.3154.00000, s58.00000, lambda-86.00000, NP2.326.00000, s33.00000, lambda-97.00000. Principal axes: T 5.010, Plg13.0000, Azm241.0000; N -0.3300, Plg4.0000, Azm332.0000; P -4.6700, Plg77.0000, Azm78.0000; Broadband fault plane solution: P waves, NP1.3267.00000, s46.00000, lambda-144.00000. NP2.3150.00000, s65.00000, lambda-50.00000. Principal axes: T Plg11.0000, Azm12.0000; N Plg0.0000, Azm0.0000; P Plg52.0000; Azm108.0000; Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism. NEIC Recorded [2 JMA] in Chichijima-retto and [1 JMA] on Aoga-shima. Also recorded [1 JMA] in Chiba and Miyagi Prefectures, Honshu. GCMT 23 21:17:20.0, 0.1, 2934N-14038E, h12km, Mw6.4/106, Moment Tensor Solution. s105.c241; s106.c447;

23d 21h

Table with columns for flight codes (e.g., UCH, IMA2, JBP), destinations (e.g., Sundarnagar, Erkin-Say, Marble Bar), times, and status indicators (e.g., P, S, X, eS).

2006 OCT

Table with columns for flight codes (e.g., STKA, STEPHENS CREEK, STKA), destinations (e.g., Stephens Creek, Karad, Mangalore), times, and status indicators (e.g., P, S, X, eS).

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Table with columns for flight codes (e.g., KEV, RAO, RAO), destinations (e.g., Raoul Island, Raoul Island, Raoul Island), times, and status indicators (e.g., LR, P, S, X, eS).

OBN	comp=Z,33um,15.0s,MS6.7	MLR	MLR				
OBN	Obninsk comp=Z,289nm,1.1s,mb6.1	73.66 324	eP	P	21 28 53.1	-1.2	
OBN	comp=Z,6um,19.0s,MS5.9		LR	LR			
C05A	Toit Reservoir baz=74,SNR=18	73.79 44	iP	P	21 28 55.4	+0.3	
C05A	baz=74		iP	S	21 38 24.9	+0.7	
ARQ	Araqi SNR=93	73.80 288	P	P	21 28 55.1	0.0	
D05A	Enurclaw baz=74,SNR=9.6	73.82 45	iP	P	21 28 56.6	+1.3	
D05A	baz=74		iP	S	21 38 27.1	+2.4	
G03A	Yamhill baz=74	73.83 47	iP	P	21 28 55.2	-0.1	
G03A	baz=74		iP	S	21 38 26.7	+2.0	
VOR	Voronezh	73.83 321	eP	P	21 28 56.0	+0.6	
VOR			eSP	sP	21 29 06.0	-2.7	
VOR			S	S	21 38 21.5	-3.2	
VOR	comp=N,70nm,2.0s		pmx	pmx			
VOR	comp=E,130nm,2.0s		pmx	pmx			
VOR	comp=Z,300nm,2.0s,mb5.9		pmx	pmx			
VOR	comp=E,110nm,2.5s		smx	smx			
I02A	Mapleton baz=74	74.04 48	iP	P	21 28 57.3	+0.7	
VRSR	Storozhevoje	74.07 320	dIP	P	21 28 56.5	-0.3	
VRSR			eSP	sP	21 29 07.1	-3.1	
VRSR			e	eS	21 29 12.6		
VRSR			eS	S	21 38 27.6	+0.1	
VRSR	comp=N,140nm,0.9s		pmx	pmx			
VRSR	comp=E,200nm,0.9s		pmx	pmx			
VRSR	comp=Z,170nm,0.9s,mb6.0		pmx	pmx			
VRSR	comp=N,720nm,5.8s		smx	smx			
VRSR	comp=Z,300nm,4.0s		smx	smx			
VRSR	comp=E,3um,11.4s		MLR	MLR			
VRSR	comp=Z,16um,17.0s,MS6.4		MLR	MLR			
VRSR	comp=N,7um,16.0s,MS6.3		MLR	MLR			
VRSR	comp=E,10um,16.0s,MS6.3		MLR	MLR			
H03A	Soap Creek Ran baz=74	74.10 48	iP	P	21 28 56.9	0.0	
H03A	baz=74		iP	S	21 38 30.1	+2.4	
F04A	Amboy baz=74,SNR=19	74.11 46	iP	P	21 28 56.9	0.0	
F04A	baz=74		iP	S	21 38 27.4	-0.4	
VORD	Divnogorie	74.13 320	eP	P	21 28 56.6	-0.5	
VORD			eS	S	21 38 26.5	-1.6	
VORD	comp=Z,60nm,1.1s,mb5.4		pmx	pmx			
VORD	comp=N,10.0nm,0.8s		pmx	pmx			
VORD	comp=E,20nm,1.0s		pmx	pmx			
VORD	comp=Z,1um,12.8s		smx	smx			
VORD	comp=N,2um,10.9s		smx	smx			
VORD	comp=E,3um,10.5s		MLR	MLR			
VORD	comp=Z,23um,17.0s,MS6.5		MLR	MLR			
VORD	comp=N,9um,16.0s,MS6.5		MLR	MLR			
VORD	comp=E,20um,16.0s,MS6.5		MLR	MLR			
COR	Corvallis	74.13 48	eP	P	21 28 58.3	+1.2	
COR			pmx	pmx			
COR	comp=Z,999nm,1.9s,mb6.4		MLR	MLR			
COR	comp=Z,15um,19.0s,MS6.3		LR	LR			
COR	comp=Z,999nm,1.9s,mb6.4		MLR	MLR			
K01A	Sixes baz=74	74.13 50	iP	P	21 28 57.0	-0.1	
KEBM	Edson Butte	74.20 50	eP	P	21 28 59.4	+2.0	
PUL	Pulkovo	74.28 330	eP	P	21 28 58.9	+1.0	
PUL			eS	S	21 38 29.5	-0.2	
PUL	comp=N,191nm,1.0s		pmx	pmx			
PUL	comp=Z,285nm,1.0s,mb6.2		pmx	pmx			
PUL	comp=E,286nm,1.1s		smx	smx			
PUL	comp=N,2um,5.2s		smx	smx			
PUL	comp=E,4um,7.7s		MLR	MLR			
PUL	comp=Z,20um,23.0s,MS6.3		MLR	MLR			
PUL	comp=N,10um,19.0s,MS6.2		MLR	MLR			
PUL	comp=E,5um,14.0s,MS6.2		P	P	21 28 59.3	+1.4	
G04A	Mulino baz=74	74.39 47	iP	P	21 28 58.4	-0.2	
G04A	baz=74		iP	S	21 38 32.0	+1.0	
B07A	Winthrop baz=74,SNR=29	74.39 43	iP	P	21 28 58.4	-0.2	
B07A	baz=74		iP	S	21 38 30.3	-0.7	
I03A	Eugene baz=74,SNR=6.4	74.41 48	iP	P	21 28 59.0	+0.2	
I03A	baz=74		iP	S	21 38 33.9	+2.6	
J02A	Umpqua baz=74	74.48 49	iP	P	21 28 59.3	+0.1	
J02A	baz=74		iP	S	21 38 34.7	+2.7	
D06A	Cle Elum baz=74	74.52 44	iP	P	21 28 59.3	-0.1	
D06A	baz=74		iP	S	21 38 34.5	+2.0	
G0F	Goitsoyoe	74.54 313	eP	P	21 28 58.0	-1.5	
G0F			eS	S	21 38 27.7	-4.9	
G0F	comp=Z,220nm,1.2s,mb6.0		pmx	pmx			
G0F	comp=N,160nm,2.5s		smx	smx			
G0F	comp=E,40nm,2.5s		smx	smx			
KBO	Oxley Butte	74.55 50	eP	P	21 29 03.9	+4.3	
DGRG	David-garjil	74.58 309	P	P	21 28 59.3	-0.4	
KAF	Kangasniemi comp=E,130nm,0.7s,mb6.0,baz=5d,slow=5.5	74.64 334	eP	P	21 28 58.9	-1.1	
KAF	Kangasniemi comp=Z,130nm,0.7s,mb6.0	74.64 334	eP	P	21 28 58.9	-1.1	
KAF			pmx	pmx			
TBM	Table Mountain	74.68 44	P	P	21 29 00.4	+0.1	
F05A	White Salmon baz=75,SNR=11	74.73 46	iP	P	21 29 00.9	+0.3	
F05A	baz=75		iP	S	21 38 37.5	+2.7	
DGAR	Diego Garcia	74.77 252	PFAKE	LR	21 29 10.0	+9.2	
C07A	Waterville baz=75,SNR=25	74.77 44	iP	P	21 29 00.5	-0.3	
C07A	baz=75		iP	S	21 38 36.1	+0.8	
M01C	Crescent City	74.78 50	iP	P	21 29 00.8	-0.1	
M01C	baz=75		iP	S	21 38 38.2	+2.8	
K02A	Glendale baz=75,SNR=9.1	74.80 49	iP	P	21 29 01.5	+0.5	

K02A	baz=75		iP	S	21 38 38.1	+2.5	
H04A	Detroit Lake baz=75,SNR=25	74.80 47	iP	P	21 29 01.0	0.0	
H04A	baz=75		iP	S	21 38 37.5	+1.9	
EBG	Ellensburg	74.82 45	P	P	21 29 01.5	+0.5	
HOOD	Mount Hood Mea	74.86 46	eP	P	21 29 02.5	+1.1	
MTA	Matsminda	74.86 309	P	P	21 29 07.7	+0.6	
J03A	Idejyd Park baz=75,SNR=7.0	74.88 49	iP	P	21 29 02.1	+0.6	
J03A	baz=75		iP	S	21 38 38.6	+2.1	
TBLG	Delisi	74.88 310	P	P	21 29 05.0	+3.5	
ZEI	Tsey	74.98 311	ePP	pP	21 29 02.5	+0.4	
ZEI			ePP	pP	21 29 10.5	-1.3	
L02A	comp=Z,50nm,1.1s,mb5.4	75.00 50	iP	P	21 29 02.5	+0.4	
L02A	baz=75		iP	S	21 38 40.0	+2.3	
LOF	Lofoten	75.04 342	eP	P	21 29 02.8	+0.4	
LOF			eP	pP	21 29 05.8	-6.4	
LOF			AMB	AMB	21 29 11.3		
D07A	Quincy baz=75,SNR=11	75.05 44	iP	P	21 29 02.8	+0.3	
D07A	baz=75		iP	S	21 38 38.2	-0.2	
A09A	Danville baz=75,SNR=42	75.06 42	P	P	21 29 02.9	+0.4	
A09A	baz=75		iP	S	21 38 39.5	+1.1	
KRMB	Red Mountain	75.07 51	eP	P	21 29 01.5	-1.0	
FlA1	FINESS Array S	75.11 333	eP	P	21 29 01.9	-0.9	
G05A	Wamic baz=75,SNR=13	75.11 46	iP	P	21 29 03.0	+0.2	
G05A	baz=75		iP	S	21 38 39.2	+0.2	
FINES	FINESS Array B	75.11 333	P	P	21 29 01.9	-0.9	
FINES	comp=Z,93nm,0.6s,mb5.9,baz=81,slow=5.6,SNR=124		LR	LR	22 06 09.3		
MXC	Moxie City	75.14 45	P	P	21 29 04.5	+1.5	
HUMO	Hull Mountain comp=Z,18um,18.4s,MS6.4,baz=247,slow=39	75.22 49	eP	P	21 29 04.0	+0.5	
HUMO	comp=Z,140nm,1.5s,mb5.7		LR	LR			
HUMO	Hull Mountain baz=75,SNR=7.0	75.22 49	iP	P	21 29 04.4	+1.0	
HUMO	baz=75		iP	S	21 38 40.2	-0.1	
KIV	Kislovodsk	75.25 312	P	P	21 29 04.1	+0.5	
KIV	comp=Z,849nm,0.9s,mb6.7,SNR=23	75.25 312	P	P	21 29 03.9	+0.3	
KIV	Kislovodsk SNR=60		P	P	21 29 05.5		
KIV	SNR=32	75.25 312	dIP	P	21 29 03.4	-0.2	
KIV			e	pP	21 29 14.2	+0.8	
KIV			eS	pmx	21 38 41.8	+1.2	
KIV	comp=Z,1um,2.9s,mb6.3		MLR	MLR			
KIV	comp=Z,12um,19.0s,MS6.2	75.25 312	eP	P	21 29 03.0	-0.6	
KIV	comp=Z,163nm,1.0s,mb5.9		LR	LR			
JCC	comp=Z,4um,20.0s,MS5.7	75.30 51	iP	P	21 29 03.9	0.0	
JCC	Jacoby Creek baz=75		iP	S	21 38 41.6	+0.5	
JCC	baz=75		iP	S	21 29 04.2	+0.1	
C08A	Higginbotham F baz=75,SNR=43	75.34 43	P	P	21 29 04.2	+0.1	
C08A	baz=75		iP	S	21 38 41.2	-0.4	
ONI	Oni	75.37 311	P	P	21 29 03.8	-0.4	
E07A	Sunnyside baz=75,SNR=25	75.42 45	iP	P	21 29 04.8	+0.1	
E07A	baz=75		iP	S	21 38 42.9	+0.5	
H05A	Madras baz=75,SNR=11	75.43 47	iP	P	21 29 04.6	0.0	
H05A	baz=75		iP	S	21 38 43.0	+0.4	
KHMM	Horse Mountain	75.47 51	eP	P	21 29 05.1	+0.2	
G06A	Carlson Farm baz=75,SNR=46	75.54 46	iP	P	21 29 05.4	+0.2	
G06A	baz=75		iP	S	21 38 43.6	-0.2	
B09A	Rice baz=75,SNR=42	75.57 42	iP	P	21 29 05.6	+0.2	
B09A	baz=75		iP	S	21 38 44.3	+0.1	
GNI	Garni	75.58 308	eP	P	21 29 04.8	-0.6	
GNI	Garni	75.58 308	dIP	P	21 29 06.4	+0.9	
GNI	comp=Z,186nm,1.7s		pmx	pmx			
GNI	comp=Z,5um,19.0s		MLR	MLR			
GNI	comp=Z,187nm,1.3s,mb5.9	75.58 308	eP	P	21 29 06.0	+0.6	
GNI	comp=Z,13um,19.0s,MS6.2		LR	LR			
URZ	Urewera	75.63 151	LR	LR	22 00 15.1		
A10A	comp=Z,7um,19.9s,MS5.9,baz=137,slow=34	75.65 42	iP	P	21 29 05.7	-0.2	
A10A	baz=76,SNR=7.3		iP	S	21 38 46.2	+1.2	
F07A	Phinny Hill Vi baz=76	75.68 45	iP	P	21 29 06.0	-0.1	
F07A	baz=76		iP	S	21 38 45.5	+0.2	
HAWA	Hanford	75.69 45	eP	P	21 29 07.5	+1.4	
HAWA			LR	LR			
O01C	comp=Z,15um,22.0s,MS6.2	75.74 52	iP	P	21 29 06.5	+0.1	
O01C	Eel River Cons baz=76		iP	S	21 38 46.9	+0.9	
D08A	Wollman Farm baz=76,SNR=38	75.75 44	iP	P	21 29 06.9	+0.4	
D08A	baz=76		iP	S	21 38 45.9	-0.3	
YBH	Yreka Blue Hor	75.78 50	eP	P	21 29 06.9	+0.3	
YBH			pmx	pmx			
YBH	comp=Z,212nm,1.5s		MLR	MLR			
YBH	comp=Z,28um,22.0s	75.78 50	eP	P	21 29 06.8	+0.2	
YBH	comp=Z,212nm,1.5s,mb5.8		LR	LR			
YBH	comp=Z,28um,22.0s,MS6.5	75.78 50	iP	P	21 29 07.5	+0.9	
YBH	baz=76,SNR=21		iP	S	21 38 48.4	+1.9	
YBH	baz=76		iP	S	21 29 06.7	0.0	
N02C	Big Bar baz=76,SNR=7.2	75.79 51	iP	P	21 29 08.1</		

Table with columns for horse name, race details, and results. Includes entries like MCMC Marconi Confer, F10A Beach Ranch, J09A Fry Pan Ranch, etc.

Table with columns for horse name, race details, and results. Includes entries like BEKR baz=78, SNR=64, SUMG Summit, J09A Fry Pan Ranch, etc.

Table with columns for horse name, race details, and results. Includes entries like CMB Columbia Colle, ABTO baz=79, SNR=58, CHMT Chamberlain Mo, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PFO, V12A Nelson, CCUT Cedar City, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ISK Istanbul-Kandi, X13A Yucca, YLV Yalova, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Z14A, PPCY Paphos, ANTB Antalya, etc.

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes stations like DLF Lyons Farm, MCH1 Michaelchurch, SWN1 Swindon, etc.

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes stations like GRR Gorron, BGF Bois d'Angland, ORIF Oris-en-Rattie, etc.

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes stations like MDT Midelt, MAW Mawson, MAW Mawson, etc.

LASF	ePg	Pg	00 05 15.2 -0.1		
LASF	eSn	Sn	00 05 41.5 -1.1		
LASF	eSg	Sg	00 05 58.1 +0.4		
LASF	ePg	Pg	00 05 15.2 -0.1		
LASF	eSn	Sn	00 05 41.5 -1.1		
LASF	eSg	Sg	00 05 58.1 +0.4		
SNR=1.0					
LASF	eSg	Sg	00 05 58.1 +0.4		
20nm,0.4s,SNR=1.0					
EAR1	ePn	Pn	00 05 06.8 +1.6		
Arriondas					
0.2nm,0.1s,SNR=8.1					
EAR1	eSn	Sn	00 05 44.5 -0.6		
2.3nm,0.2s,SNR=5.0					
Arriondas					
0.2nm,0.1s,SNR=8.1					
EAR1	eSn	Sn	00 05 44.5 -0.6		
2.3nm,0.2s,SNR=5.0					
TouX Ste Croi					
SNR=1.0					
TCF	eSn	Sn	00 05 46.0 -0.4		
TCF	eSg	Sg	00 06 03.6 +0.9		
122nm,0.5s,SNR=1.0					
TCF	ePn	Pn	00 05 06.1 +0.2		
TCF	ePg	Pg	00 05 18.8 +0.5		
TCF	eSn	Sn	00 05 46.0 -0.4		
TCF	eSg	Sg	00 06 03.6 +0.9		
61nm,0.5s					
TCF	ePn	Pn	00 05 06.1 +0.2		
TCF	ePg	Pg	00 05 18.8 +0.5		
TCF	eSn	Sn	00 05 46.0 -0.4		
TCF	eSg	Sg	00 06 03.6 +0.9		
TCF	ePn	Pn	00 05 06.1 +0.2		
TCF	ePg	Pg	00 05 18.8 +0.5		
TCF	eSn	Sn	00 05 46.0 -0.4		
TCF	eSg	Sg	00 06 03.6 +0.9		
61nm,0.5s,SNR=1.0					
AGO	ePn	Pn	00 05 10.1 +0.7		
Saint Agoulin					
GUD	ePn	Pn	00 05 12.6 +0.3		
Guadarrama					
1.2nm,0.2s,SNR=7.9					
GUD	eSn	Sn	00 05 57.6 -0.4		
5.9nm,0.5s,SNR=7.9					
Bois d'Agland					
SNR=1.0					
BGF	ePn	Pn	00 05 27.9 +0.3		
BGF	eSg	Sg	00 05 57.1 -1.3		
186nm,0.4s					
BGF	ePn	Pn	00 05 13.1 +0.6		
BGF	ePg	Pg	00 05 27.9 +0.3		
BGF	eSn	Sn	00 05 57.1 -1.3		
BGF	eSg	Sg	00 06 19.6 +1.4		
93nm,0.4s					
BGF	ePn	Pn	00 05 13.1 +0.6		
BGF	ePg	Pg	00 05 27.9 +0.3		
BGF	eSn	Sn	00 05 57.1 -1.3		
BGF	eSg	Sg	00 06 19.6 +1.4		
93nm,0.4s					
VIVF	ePn	Pn	00 05 29.6 -0.1		
Saint-Julien-I					
SNR=1.0					
VIVF	eSn	Sn	00 05 58.1 -3.0		
SNR=1.0					
VIVF	ePn	Pn	00 05 15.4 +1.3		
VIVF	ePg	Pg	00 05 29.6 -0.1		
VIVF	eSn	Sn	00 05 58.1 -3.0		
VIVF	eSg	Sg	00 06 21.7 -0.1		
24nm,0.4s,SNR=1.0					
VIVF	ePn	Pn	00 05 15.4 +1.3		
VIVF	ePg	Pg	00 05 29.6 -0.1		
VIVF	eSn	Sn	00 05 58.1 -3.0		
VIVF	eSg	Sg	00 06 21.7 -0.1		
12nm,0.4s					
VIVF	ePn	Pn	00 05 15.4 +1.3		
VIVF	ePg	Pg	00 05 29.6 -0.1		
VIVF	eSn	Sn	00 05 58.1 -3.0		
VIVF	eSg	Sg	00 06 21.7 -0.1		
12nm,0.4s					
VIVF	ePn	Pn	00 05 15.4 +1.3		
VIVF	ePg	Pg	00 05 29.6 -0.1		
VIVF	eSn	Sn	00 05 58.1 -3.0		
VIVF	eSg	Sg	00 06 21.7 -0.1		
12nm,0.4s					
AVF	ePn	Pn	00 05 18.2 +0.1		
Avril sur Loir					
SNR=1.0					
AVF	eSn	Sn	00 06 07.9 -0.4		
AVF	eSg	Sg	00 06 31.2 0.0		
51nm,0.4s,SNR=1.0					
AVF	ePn	Pn	00 05 18.2 +0.1		
AVF	eSn	Sn	00 06 07.9 -0.4		
AVF	eSg	Sg	00 06 31.2 0.0		
26nm,0.4s,SNR=1.0					
HYF	ePn	Pn	00 05 20.0 +0.7		
Humbigny					
HYF	eSg	Sg	00 06 34.7 +0.7		
SMF	ePn	Pn	00 05 19.6 +1.4		
SMF	eSn	Sn	00 06 10.1 -1.4		
17nm,0.3s,SNR=1.0					
SMF	eSg	Sg	00 06 35.6 +0.3		
SMF	ePn	Pn	00 05 20.2 +0.3		
SMF	eSn	Sn	00 06 10.1 -1.4		
SMF	eSg	Sg	00 06 35.6 +0.3		
8.6nm,0.3s,SNR=1.0					
SMRF	ePn	Pn	00 05 21.6 +1.1		
Simiane la Rot					
SNR=1.0					
SMRF	eSg	Sg	00 06 36.0 -0.9		
20nm,0.6s					
SMRF	ePn	Pn	00 05 21.6 +1.1		
SMRF	eSg	Sg	00 06 36.0 -0.9		
10.0nm,0.6s					
ETOS	ePn	Pn	00 05 21.8 +0.9		
Mallorca					
14nm,0.4s,SNR=4.0					
ETOS	ePn	Pn	00 05 21.8 +0.9		
Mallorca					
14nm,0.4s,SNR=4.0					
ESDC	ePn	Pn	00 05 22.1 +0.3		
Sonsec Array					
2.2nm,0.2s,baz=39,slow=13,SNR=55					
ESDC	ePg	Pg	00 05 38.5 -1.9		
3.6nm,0.4s,baz=39,slow=14,SNR=7.9					
ESDC	eSn	Sn	00 06 13.2 -1.7		
3.3nm,0.2s,baz=37,slow=24,SNR=8.3					
ESDC	eSg	Sg	00 06 35.0		
4.0nm,0.6s,baz=42,slow=29,SNR=7.9					
ESDC	ePn	Pn	00 05 22.1 +0.3		
Sonsec Array					
2.2nm,0.2s,SNR=55					
ESDC	ePg	Pg	00 05 38.5 -1.9		
Sonsec Array					
3.6nm,0.4s,SNR=7.9					
ESDC	eSn	Sn	00 06 13.2 -1.7		
3.3nm,0.2s,SNR=8.3					
SSF	ePn	Pn	00 05 21.4 +0.5		
Saint Saulge					
SNR=1.0					
SSF	eSn	Sn	00 06 14.2 -0.9		
SSF	eSg	Sg	00 06 40.4 +0.4		
24nm,0.4s,SNR=1.0					
SSF	ePn	Pn	00 05 21.4 +0.5		
SSF	eSn	Sn	00 06 14.2 -0.9		
SSF	eSg	Sg	00 06 40.4 +0.4		
12nm,0.4s,SNR=1.0					
EIBI	ePn	Pn	00 05 23.5 +0.1		
Ibiza					
0.2nm,0.1s,SNR=7.9					
EIBI	eSn	Sn	00 06 15.5 -2.3		
0.2nm,0.1s,SNR=7.9					
EIBI	ePn	Pn	00 05 23.5 +0.1		
Ibiza					
0.2nm,0.1s,SNR=7.9					
EIBI	eSn	Sn	00 06 15.5 -2.3		
0.5nm,0.1s,SNR=4.0					
QUIF	ePg	Pg	00 05 44.2 +0.1		
Quistinic					
15nm,0.2s,SNR=1.0					
QUIF	eSn	Sn	00 06 18.3 -1.4		
15nm,0.2s,SNR=1.0					
QUIF	eSg	Sg	00 06 45.3 -0.6		
16nm,0.4s					
QUIF	ePn	Pn	00 05 25.3 +0.1		
QUIF	ePg	Pg	00 05 44.2 +0.1		
QUIF	eSn	Sn	00 06 18.3 -1.4		
QUIF	eSg	Sg	00 06 45.3 -0.6		
7.4nm,0.2s					
QUIF	ePn	Pn	00 05 25.3 +0.1		
QUIF	ePg	Pg	00 05 44.2 +0.1		
QUIF	eSn	Sn	00 06 18.3 -1.4		
QUIF	eSg	Sg	00 06 45.3 -0.6		
7.9nm,0.4s					
QUIF	ePn	Pn	00 05 25.3 +0.1		
QUIF	ePg	Pg	00 05 44.2 +0.1		
QUIF	eSn	Sn	00 06 18.3 -1.4		
QUIF	eSg	Sg	00 06 45.3 -0.6		
7.4nm,0.2s,SNR=1.0					
QUIF	ePn	Pn	00 05 25.3 +0.1		
QUIF	ePg	Pg	00 05 44.2 +0.1		
QUIF	eSn	Sn	00 06 18.3 -1.4		
QUIF	eSg	Sg	00 06 45.3 -0.6		
7.9nm,0.4s					
EPON	ePn	Pn	00 05 26.6 +2.0		
Pontenova					
0.6nm,0.1s,SNR=7.9					

EPON	eSn	Sn	00 06 17.8 -2.1		
0.8nm,0.2s,SNR=7.0					
EPON	ePn	Pn	4.78 270		
Pontenova					
0.6nm,0.1s,SNR=7.9					
EPON	eSn	Sn	00 06 17.8 -2.1		
0.8nm,0.2s,SNR=7.0					
ECAL	ePn	Pn	4.79 253		
Calabor					
0.9nm,0.2s,SNR=7.9					
ECAL	eSn	Sn	00 06 19.7 -0.4		
1.1nm,0.2s,SNR=7.9					
ECAL	ePn	Pn	4.79 253		
Calabor					
0.9nm,0.2s,SNR=7.9					
ECAL	eSn	Sn	00 06 19.7 -0.4		
1.1nm,0.2s,SNR=7.9					
EBEN	ePn	Pn	4.80 177		
Beniarda					
0.6nm,0.2s,SNR=7.9					
EBEN	eSn	Sn	00 05 25.6 +0.8		
0.5nm,0.3s,SNR=7.9					
EBEN	ePn	Pn	4.80 177		
Beniarda					
0.6nm,0.2s,SNR=7.9					
EBEN	eSn	Sn	00 06 18.1 -2.2		
0.5nm,0.3s,SNR=7.9					
ORIF	ePn	Pn	4.86 71		
Oris-en-Rattie					
0.5nm,0.3s,SNR=7.9					
ORIF	eSn	Sn	00 05 26.8 +1.2		
ORIF	ePn	Pn	4.86 71		
Oris-en-Rattie					
0.5nm,0.3s,SNR=7.9					
GRR	ePn	Pn	4.89 358		
Gorron					
0.6nm,0.2s,SNR=7.9					
GRR	eSn	Sn	00 05 45.9 -0.5		
GRR	ePn	Pn	4.89 358		
Gorron					
0.6nm,0.2s,SNR=7.9					
GRR	eSn	Sn	00 05 45.9 -0.5		
GRR	ePn	Pn	4.89 358		
Gorron					
0.6nm,0.2s,SNR=7.9					
GRR	eSn	Sn	00 05 45.9 -0.5		
GRR	ePn	Pn	4.89 358		
Gorron					
0.6nm,0.2s,SNR=7.9					
GRR	eSn	Sn	00 05 45.9 -0.5		
GRR	ePn	Pn	4.89 358		
Gorron					
0.6nm,0.2s,SNR=7.9					
GRR	eSn	Sn	00 05 45.9 -0.5		
GRR	ePn	Pn	4.89 358		
Gorron					
0.6nm,0.2s,SNR=7.9					
GRR	eSn	Sn	00 05 45.9 -0.5		
GRR	ePn	Pn	4.89 358		
Gorron					
0.6nm,0.2s,SNR=7.9					
GRR	eSn	Sn	00 05 45.9 -0.5		
GRR	ePn	Pn	4.89 358		
Gorron					
0.6nm,0.2s,SNR=7.9					
GRR	eSn	Sn	00 05 45.9 -0.5		
GRR	ePn	Pn	4.89 358		
Gorron					
0.6nm,0.2s,SNR=7.9					
GRR	eSn	Sn	00 05 45.9 -0.5		
GRR	ePn	Pn	4.89 358		
Gorron					
0.6nm,0.2s,SNR=7.9					
GRR	eSn	Sn	00 05 45.9 -0.5		
GRR	ePn	Pn	4.89 358		
Gorron					
0.6nm,0.2s,SNR=7.9					
GRR	eSn	Sn	00 05 45.9 -0.5		
GRR	ePn	Pn	4.89 358		

Table with columns for race name, time, distance, and other details. Includes entries like Yellowknife Ar, Panska Ves, Prunhonic, Bergjesshubel, etc.

Table with columns for race name, time, distance, and other details. Includes entries like Columbia Coile, Waterton Lakes, Bassoo Peak, etc.

Table with columns for race name, time, distance, and other details. Includes entries like Kansas State U, State Center, Lajitas Array, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Pioggiaola, Ojcow, Ostrava-Krasne, Vranov, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like CLL, CLM, CLL, CLM, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like ESDC, ORR, ROSF, FINES, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MBWA Marble Bar, PSI Prapat, CBUJ Chichi jima, NST Nakhon Sawan, GYA Guiyang, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LZH Lanzhou, KLBR Kellenberrin, HHC Hu-ho-hao-te, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AJM Ajmer, BOD Bodaibo, PET Petropavlovsk, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NVAR Mina Array Bea, NVAR Mina Array Bea, HRY Helter Resour, ULM Lac du Bonnet, etc.

ISC/JB 24 05:00:07.6:0.3, 4250N:002.1981E:003, h2km, Error ellipse: s-maj=2.8km s-min=2.6km az=55.2

NEIC 24 05:00:07.8, 4250N:1983E, h2km, PDG, After PDG.

PDG 24 05:00:07.8, 4250N:1983E, h2km, 1km TIR 24 05:00:07.1, 4250N:1980E, h5km, ML2.5

ISC 24 05:00:08.1:0.3, 4250N:002.1982E:003, h2km, n18, e092/35, SC-5D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PVY Plav, PVY Plav, BCI Bajram Curri, IVA Berane, etc.

NEIC 24 05:01:22.4:2.1, 983S:10700E, h10km, Error ellipse: s-maj=91.6km s-min=14.1km az=51.0

ISC 24 05:01:20.9:3.1, 980S:10702E, h0km, mb4.0/5, mb1.4/0.6, mb1mx3.8/1.7, mbtmp4.0/6, ML3.5/1, Error ellipse: s-maj=134.0km s-min=19.4km az=51.0, South of Jawa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, etc.

NEIC 24 05:01:35.8, 2878S:7143W, h33km, ML3.4(GUC), After GUC.

GUC 24 05:01:35.8:0.9, 2878S:7143W, h33km, Gkm, MD4.0, ML3.4, 2C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VACH Vallenar, LSCH La Serena, TLL Tololo Astrono, etc.

ISC/JB 24 05:19:54.7:0.7, 3448N:007.259E:01, h33km, Error ellipse: s-maj=15.7km s-min=7.3km az=111.5

CSEM 24 05:19:54.7:0.1, 3450N:2593E, h40km, ML3.2, Error ellipse: s-maj=5.6km s-min=2.5km az=54.0

ATH 24 05:19:58.8, 3459N:2549E, h2km, MD3.4/4 HLW 24 05:19:59.1, 3423N:2602E, h33km, MB3.2

ISC 24 05:19:56.3:0.7, 3458N:008.259E:01, h35km, n10, e044/11.2D, Crete

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like XRY Khrisi, NPS Neapolis, GVD Gavdhos, etc.

ISC 24 05:22:19.7:5.5, 3025S:17798W, h0km, mb3.7/2, mb1.3/9.2, mb1mx3.7/11, mbtmp3.7/2, Error ellipse: s-maj=309.8km s-min=60.4km az=155.0, Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, FINES FINESS Array B, etc.

ISC/JB 24 05:27:25.6:1.5, 3466N:007.231E:02, h10km, Error ellipse: s-maj=21.8km s-min=9.7km az=0.3

CSEM 24 05:27:26.0:3, 3462N:2315E, h10km, ML3.2, Error ellipse: s-maj=27.0km s-min=4.5km az=75.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ATH 24 05:27:30.9, 3500N:2335E, h10km, MD3.3/3, HLW 24 05:27:31.9, 3458N:2324E, h33km, MB3.2

ISC 24 05:27:27.0:1.4, 3477N:007.232E:02, h10km, n7, e055/8, 4D, Crete

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GVD Gavdhos, VAM Vamos, KYTH Kithiri, etc.

ISC 24 05:30:28.5:2.9, 2926N:14093E, h64km, mb3.6/5, mb1.3/8.7, mb1mx3.5/20, mbtmp3.9/7, ML4.0/2, Error ellipse: s-maj=88.6km s-min=15.1km az=74.0, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CBUJ Chichi jima, CBUJ Chichi jima, MJAR Matsushiro Arr, etc.

ISC/JB 24 05:49:44.5:4.0, 110S:02.1661E:01, h191km, 39km, mb4.0/1.1, Error ellipse: s-maj=33.0km s-min=18.3km az=146.8

ISC 24 05:49:44.5:5.1, 1090S:16621E, h178km, 45km, mb3.7/8, mb1.3/9.9, mb1mx3.9/14, mbtmp4.2/9, Error ellipse: s-maj=28.1km s-min=22.3km az=164.0

NEIC 24 05:49:45.2:2.7, 1092S:16618E, h192km, 25km, mb4.5/3, Error ellipse: s-maj=19.6km s-min=11.0km az=168.0

ISC 24 05:49:44.6:4.4, 109S:02.1662E:01, h177km, 43km, n20, e056/116, mb4.0/1.1, C, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, DZM Mont Dzumac, STKA Stephens Creek, etc.

ISC 24 05:59:59.3:3.3, 3043S:13825E, h0km, mb1.3/1/3, mb1mx3.0/1.1, mbtmp2.8/3, ML2.9/3, Error ellipse: s-maj=69.8km s-min=15.3km az=43.0, South Australia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, STKA Stephens Creek, MSU Mysvale, etc.

ISC 24 06:07:14.6:1.7, 510N:12548E, h0km, mb3.9/5, mb1.4/1/5, mb1mx3.8/1.7, mbtmp3.9/5, Error ellipse: s-maj=110.1km s-min=22.7km az=67.0, Mindanao

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

NEIC 24 06:08:22.5:1.3, 2876S:7140W, h38km, MD4.1(GUC), After GUC.

GUC 24 06:08:22.5:1.3, 2876S:7140W, h38km, 7km, MD4.1, ML3.7, 3D, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VACH Vallenar, VACH Vallenar, LSCH La Serena, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TLL Tololo Astrono, TLL Tololo Astrono, CPCH Copiapo, etc.

ISC 24 06:26:40.3:2.1, 541N:12665E, h0km, mb3.5/4, mb1.3/7/4, mb1mx3.5/17, mbtmp3.5/4, Error ellipse: s-maj=124.2km s-min=24.4km az=69.0, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, etc.

ISC/JB 24 06:30:31.9:0.4, 4031N:002.2540E:002, h3km, 4km, Error ellipse: s-maj=3.6km s-min=3.0km az=171.0

NEIC 24 06:30:32.5:0.4, 4026N:2519E, h7km, MD3.4/5, MD3.5(ATH), After PDG.

ATH 24 06:30:32.6, 4026N:2521E, h37km, 2km, MD3.5/5 CSEM 24 06:30:32.0:1, 4026N:2547E, h7km, MD3.5, Error ellipse: s-maj=2.1km s-min=1.6km az=128.0

THE 24 06:30:33.6, 4032N:2539E, h10km, ML3.2 ISK 24 06:30:34.6, 4015N:2543E, h28km, MD3.4 SKO 24 06:30:34.1, 4042N:2502E, h9km

ISC 24 06:30:32.8:0.4, 4030N:002.2540E:002, h7km, 3km, n49, e1905/74, Aegean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LIA Limnos Island, LIA Limnos Island, LIA Limnos, etc.

ISC 24 06:49:22.6:6.0, 2928N:14375E, h68km, 47km, mb3.5/3, mb1.3/7/5, mb1mx3.3/20, mbtmp3.8/5, ML3.9/2, MS2.9/1, Ms1 2.9/1, ms1mx2.2/9.0, Error ellipse: s-maj=85.9km s-min=17.9km az=93.0, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CBUJ Chichi jima, CBUJ Chichi jima, MJAR Matsushiro Arr, etc.

ISC 24 07:37:12.9:4.5, 2063N:11234E, h0km, mb3.8/3, mb1.4/0.3, mb1mx3.6/18, mbtmp3.8/3, Error ellipse: s-maj=368.9km s-min=27.2km az=60.0, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CVP Caliao Caves, MKAR Makanchi Arr, WRA Warramunga Arr, etc.

NIED 24 07:42:00, 4060N:14360E, h17km, Mw4.2 Best double catalog: Mb2.1300x1015 NPI:1.5196 00000, 350.00000, 1.865 00000, NP2:0.270000, 833.00000, 1.99.00000

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, SNR=12, SNR=4.1).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, SNR=8.1, SNR=8.1).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, SNR=16, SNR=16).

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SCHQ Schefferville, TXAR Lajitas Array, TOR1 Torodi Ar. Bea, etc.

ISCJB 24 14:26:42.1±0.4, 4039N:002x12497W±0.04, h10km, mb3.8/1, MS4.2/6, Error ellipse: s-maj=4.2km s-min=2.1km az=160.6

NEIC 24 14:26:42.0, 4039N:12507W, h0km, mb4.2/1, MW4.4(BRK), After NCCDC.

NEIC Felt (I) at Fortuna and (II) at Ferndale. Felt at Eureka, Garberville, Loleta, Los Gatos, Petrolia, Sacramento, Santa Cruz, Scotia and Whitehorn.

BJJ 24 14:26:42.0, 4040N:12510W, h10km, mb4.9, ms4.9, Ms4.7, Ms4.7

IDC 24 14:26:53.9±3.5, 4040N:12376W, h0km, mb3.7/1, mb1.3/9.4, mb1mx3.6/2.1, mbmp3.6/4, ML3.4/2, MS3.8/8, Ms1.3/8.8, ms1mx3.4/3.5, Error ellipse: s-maj=45.9km s-min=24.5km az=53.0

ISC 24 14:26:43.6±0.4, 4043N:001x12496W±0.04, h10km, n143, o1520/171, mb3.8/1, MS4.2/6, 68C-57D, Near coast of northern California

Main station list table for the left column, including stations like JCC Jacoby Creek, O01C Gal River Cons, KHM1 Horse Mountain, etc.

Main station list table for the middle column, including stations like K04A Chiquin, J03A Ideyld Park, BDM Diamond, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like HEC Hector Ludlow, BELC Belle Mtn, NEW Belle Mtn, etc.

IDC 24 14:30:10.4±1.4, 2929N:14025E, h0km, mb3.8/3, mb1.3/8.5, mb1mx3.6/2.0, mbmp3.7/5, ML3.4/2, MS3.8/2, Ms1.3/8.2, ms1mx2.7/3.7, Error ellipse: s-maj=70.1km s-min=22.8km az=74.0, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CBJJ Chichi jima, MJAR Matsushiro Arr, JOW Kunigami, etc.

BJJ 24 14:41:04.7, 2714N×10377E, h17km, ML3.6, Ms3.9, Ms3.3, Yunnan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KMI Kunming, GYA Guiyang, GYA Guiyang, etc.

NEIC 24 14:46:14.6, 3754N±2068E, h2km, MD4.1(ATH), After ATH.

ATH 24 14:46:14.3, 3753N±2069E, h5km, MD4.0/8

ISCJB 24 14:46:16.1±1.1, 3764N:005±2073E±0.06, h2km, Error ellipse: s-maj=8.5km s-min=5.9km az=71.5

CSEM 24 14:46:17.0±0.2, 3759N±2073E, h2km, MD4.1, Error ellipse: s-maj=5.3km s-min=3.8km az=59.0

ISC 24 14:46:18.3, 3776N±2080E, h10km, ML3.3

THE 24 14:46:16.4±1.1, 3762N:005±2073E±0.06, h2km, n23, o1509/33, Ionian Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like VLS Valsamata, RLS Riolos of Patr, RLS Riolos of Patr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHCH Chadas Angosto, ANTU Antumapu, FSR Penalolen, etc.

NIED 24 17:23:00, 2930N, 14030E, h5km, Mw4.3 Best double couple: M₃39000⁺¹⁰ N1₃311.00000^{+80.00000}, 1-90.00000⁻ NP2₃129.00000^{+10.00000}, 1-92.00000⁻

NEIC 24 17:23:52.1, 0.2921N, 14020E, h10km, MG4.2(JMA), Error ellipse: s-maj=70.2km s-min=16.4km az=82.0 JMA 24 17:23:53.0, 0.1, 2932N, 14032E, h50km, M4.2, Error ellipse: s-maj=50.0km s-min=3.0km az=103.4

ISCJB 24 17:23:55.1, 0.9, 2938N, 0.06, 1407E, 0.2, h50km, 13km, mb4.4/13, Error ellipse: s-maj=26.9km s-min=6.1km az=145.3

IDC 24 17:23:56.4, 3.2, 2930N, 14049E, h40km, 31km, mb3.7/7, mb1 3.8/9, mb1mx3.6/21, mbtp3.9/9, ML4.1/2, MS2.9/1, Ms1 2.9/1, ms1mx2.2/24, Error ellipse: s-maj=56.3km s-min=16.9km az=76.0

ISC 24 17:23:57.3, 0.7, 2942N, 0.05, 1409E, 0.2, h59km, 11km, n29, #0571/30, mb4.4/13, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CBIJ Chichi jima, CBIJ Chichi jima, JHHJ Haha-jima-NKT, etc.

ISCJB 24 17:29:30.7, 1.2, 3466N, 0.08, 26E, 0.2, h30km, 12km, Error ellipse: s-maj=23.7km s-min=7.7km az=119.1

CSEM 24 17:29:30.5, 0.1, 3456N, 26.04E, h20km, MD3.5, Error ellipse: s-maj=3.3km s-min=1.4km az=53.0

ATH 24 17:29:31.4, 3467N, 25.95E, h28km, MD3.5/3 HLW 24 17:29:33.6, 3457N, 25.96E, h33km, Mb2.7

ISC 24 17:29:32.1, 1.0, 3466N, 0.06, 25.8E, 0.2, h32km, 10km, n9, #0598/12, 4D, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like XRY Khrisi, NPS Neapolis, NPS Varnos, etc.

IDC 24 17:31:46.9, 1.4, 4398N, 75.7E, h0km, mb3.6/1, mb1 3.6/6, mb1mx3.5/22, mbtp3.5/6, ML3.8/5, Error ellipse: s-maj=38.8km s-min=14.2km az=122.0

MOS 24 17:31:46.6, 0.7, 4388N, 76.5E, h10km, mb4.0/1, Error ellipse: s-maj=50.0km s-min=3.0km az=103.4

ISCJB 24 17:31:47.9, 0.2, 4387N, 0.02, 76.2E, 0.02, h20km, 2km,

Error ellipse: s-maj=2.8km s-min=2.0km az=123.2 MDD 24 17:31:47.5, 3.0, 4394N, 77.5E, h0km, mb4.4/7, Error ellipse: s-maj=31.1km s-min=27.7km az=147.0

CSEM 24 17:31:47.9, 0.1, 4386N, 77.2E, h10km, ML3.8/33, Error ellipse: s-maj=1.9km s-min=1.2km az=176.0

ROM 24 17:31:47.5, 0.3, 4391N, 76.2E, h8km, 2km, Md3.3/23, M3.3/12, Error ellipse: s-maj=6.1km s-min=2.1km az=165.0

LDG 24 17:31:48.9, 0.1, 4388N, 76.5E, h3km, Md3.3/3, M3.8/36, Error ellipse: s-maj=2.5km s-min=1.8km az=157.0

GEN 24 17:31:48.4, 4391N, 76.2E, h10km, ML3.0 Error ellipse: s-maj=1.48, 44.18, 74.36, 10km

NEIC 24 17:31:48.9, 4388N, 76.5E, h3km, MD3.3(ROM), ML3.6(STR), ML3.8(LDG), After LDG.

STR 24 17:31:49.0, 0.3, 4391N, 75.7E, h5km, 1km, M3.6, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ZUR 24 17:31:52.1, 44.10N, 76.5E, h5km, ML3.0/8 ISC 24 17:31:58.0, 2.4399N, 0.01, 75.9E, 0.01, h14km, 1km, n227, #1927/381, 8C-10D, Near south coast of France

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AUTN L'Aution, AUTN L'Aution, LUCF Luceram, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TOUF Mont Tournera, TOUF Mont Tournera, MWIF Mont Vial, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ROB Roburent, ROB Roburent, FIN Finale Ligure, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DOI San Damiano, DOI San Damiano, PZZ Pazzo, etc.

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OG22 Abries, GENL Genova Uniers, GENL Genova Uniers, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OG25 Le Cairo, STOF St-Etienne Org, STOF St-Etienne Org, etc.

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PRAF Pradon, BACM Vinca, VINC Vinca, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MMK Mattmark, DIX Grande Dixence, BDI Bagni Di Luca, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MUGIO Muggio, SALAN La Salanfe, SALAN La Salanfe, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like VIVF Saint-Julien-I, VIVF Saint-Julien-I, VIVF Saint-Julien-I, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like VIVF Saint-Julien-I, VIVF Saint-Julien-I, VIVF Saint-Julien-I, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like VIVF Saint-Julien-I, VIVF Saint-Julien-I, VIVF Saint-Julien-I, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GRON Gryon, MDI Monti di Nese, MDI Monti di Nese, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SENIN Lac Senin/Sane, SENIN Lac Senin/Sane, SENIN Lac Senin/Sane, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OG01 Vacheresse, OG01 Vacheresse, OG01 Vacheresse, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OG05 Jujurieux, SALO Salas, SALO Salas, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GIMEL St. Georges / Stuetta, GIMEL St. Georges / Stuetta, GIMEL St. Georges / Stuetta, etc.

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Avrill sur Loir, Sankt Quirin, Lormes, Saint Saulge, Bois d'Angland, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Novajla, Novajla, Esparrros, Mallocca, Bielsa, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like WRA, WRA, WB2, AS31, ASAR, etc.

Table of astronomical observations for 24d 20h, listing objects like NOA, NOA, YKA, YKA, YKA, etc., with associated coordinates and magnitudes.

Table of astronomical observations for 2006 OCT, listing objects like MNTX, EARIA, EARIA, EARIA, etc., with associated coordinates and magnitudes.

Table of astronomical observations for 2006 OCT, listing objects like WILA, WILA, WILA, etc., with associated coordinates and magnitudes.

Table with columns: TRD, comp, N, E, S, W, AML, AML, 00 32 45.8, PSI, Prapat, 24.08 88 LR LR, 00 44 02.0, KMBO, Kilima Mbogo, 37.71 265 LR LR, 00 49 49.4, MKAR, Makanchi Array, 44.95 7 LR, 00 57 21.1, BRTR, Keskin Array B, 52.87 320 P, 00 39 31.5 +0.2, SONM, Sogingo Array, 53.05 26 P, 00 39 32.7 +0.2, BOSA, Boshof, 56.49 233 LR LR, 01 00 50.9, AKASG, Malin Array Be, 61.76 329 P, 00 40 37.6 +3.6, WRA, Warramunga Arr, 62.33 114 P, 00 40 38.9 +1.1, ASAR, Alice Springs, 62.86 118 P, 00 40 41.4 +0.2, ARCES, ARCES Array B, 74.70 344 LR LR, 01 19 27.1, TXAR, Lajlitas Array, 148.67 357 PKPbc PKPbc, 00 50 03.4 +0.6

MOS 25 00:34:29.4:0.2, 4275N, 4588E, h20km, mb3.6/1, 3C-4D, Error ellipse: s-maj=57.4km s-min=14.7km az=20.3, Eastern Caucasus, Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, BTKR, Batakoyurt, 1.16 303, Op, Pn, 00 34 50.3 -0.1, BTKR, 1.16 303, Op, Pn, 00 35 05.5 +0.2, LACR, Lac, 1.17 274, Op, Pn, 00 34 50.7 +0.1, LACR, 1.17 274, Op, Pn, 00 35 06.3 +0.8, ARNR, Ardon, 1.25 291, Op, Pn, 00 34 51.9 +0.1, ARNR, 1.25 291, Op, Pn, 00 35 08.0 +0.2, KMSR, Komsomolskaya, 1.31 299, Op, Pn, 00 34 52.8 +0.2, KMSR, 1.31 299, Op, Pn, 00 35 09.8 +0.2, KORR, Kora, 1.37 285, Op, Pn, 00 34 53.6 +0.2, KORR, 1.37 285, Op, Pn, 00 35 11.2 +0.3, ZEJ, Tsey, 1.46 271, Op, Pn, 00 34 54.9 +0.3, ZEJ, 1.46 271, Op, Pn, 00 35 13.6 +0.5, DIGR, Digorskoe uzhe, 1.70 276, Op, Pn, 00 34 58.2 +0.4

ISCJB 25 00:36:52.6:0.4, 4366N, 003:624E, 0.03, h20km, 4km, Error ellipse: s-maj=4.8km s-min=3.3km az=21.4, LDG 25 00:36:52.5:0.1, 4372N, 623E, h8km, Md2.3, Ml2.5/11, Error ellipse: s-maj=1.3km s-min=1.0km az=8.0, CSEM 25 00:36:52.5:0.1, 4372N, 623E, h12km, Ml2.4/11, Error ellipse: s-maj=1.2km s-min=0.9km az=9.0, NEIC 25 00:36:53.0:1, 4375N, 623E, h5km, Ml2.4(STR), Ml2.5(LDG), After STR, STR 25 00:36:53.0:1, 4375N, 623E, h5km, 1km, Ml2.4, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, ISC 25 00:36:51.9:0.3, 4372N, 002:620E, 0.02, h20km, 2km, n55, az=78/106, Near south coast of France

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, TAVF, Tavernes, 0.15 225, Op, Pn, 00 37 46.6 +0.2, TAVF, 0.15 225, Op, Pn, 00 36 59.8 +0.4, STOF, St-Etienne Org, 0.35 322, Op, Pn, 00 37 01.3 +1.9, FRF, La Foret Royal, 0.36 117, Op, Pn, 00 36 59.3 -0.3, FRF, 0.36 117, Op, Pn, 00 37 03.6 -1.2, LMR, La Moure, 0.45 150, Op, Pn, 00 37 02.4 +1.2, LMR, 0.45 150, Op, Pn, 00 37 06.6 -0.8, LMR, La Moure, 0.45 150, Op, Pn, 00 37 00.9 -0.2, LMR, 0.45 150, Op, Pn, 00 37 02.4 +1.2, LMR, 0.45 150, Op, Pn, 00 37 06.6 -0.8, LMR, 0.45 150, Op, Pn, 00 37 02.4 +1.2, SMRF, Simiane la Rot, 0.52 299, Op, Pn, 00 37 02.9 +0.5, SMRF, 0.52 299, Op, Pn, 00 37 10.9 +1.4, SMRF, Simiane la Rot, 0.52 299, Op, Pn, 00 37 02.9 +0.5, SMRF, 0.52 299, Op, Pn, 00 37 10.9 +1.4, GELF, Grande-Etoile, 0.66 239, Op, Pn, 00 37 07.1 +2.1, MWIF, Mont Vital, 0.71 76, Op, Pn, 00 37 05.3 0.0, PRAF, Pradon, 0.75 276, Op, Pn, 00 37 07.4 +0.6, TOUF, Mont Tournerai, 0.81 69, Op, Pn, 00 37 07.9 +0.1, REVV, Revere, 0.84 78, Op, Pn, 00 37 08.4 +0.0, REVV, 0.84 78, Op, Pn, 00 37 20.2 +0.6, LUCF, Luceram, 0.84 78, Op, Pn, 00 37 08.4 +0.0, SURF, Saint Ours, 0.87 30, Op, Pn, 00 37 09.2 +0.3, SBF, Sospel, 0.90 81, Op, Pn, 00 37 09.7 +0.2, SBF, 0.90 81, Op, Pn, 00 37 21.1 -0.4, SBF, Sospel, 0.90 81, Op, Pn, 00 37 09.0 -0.5, SBF, 0.90 81, Op, Pn, 00 37 09.7 +0.2, SBF, 0.90 81, Op, Pn, 00 37 21.1 -0.4, SBF, 0.90 81, Op, Pn, 00 37 21.1 -0.4, SBF, 0.90 81, Op, Pn, 00 37 09.7 +0.2, AUTN, L'Aution, 0.93 73, Op, Pn, 00 37 09.9 -0.1, AUTN, 0.93 73, Op, Pn, 00 37 22.8 +0.6, STV, Sta Anna Valdi, 0.96 57, Op, Pn, 00 37 10.3 +0.4, ENR, Entraque, 1.01 60, Op, Pn, 00 37 11.2 +0.4, SAOF, Saorge, 1.01 75, Op, Pn, 00 37 11.2 -0.4, SAOF, 1.01 75, Op, Pn, 00 37 24.7 -0.2, PZZ, Prazzo, 1.01 39, Op, Pn, 00 37 11.8 +0.1, MBDF, Montbardon, 1.08 22, Op, Pn, 00 37 13.1 +0.2, MBDF, 1.08 22, Op, Pn, 00 37 27.1 -0.1, MBDF, Montbardon, 1.08 22, Op, Pn, 00 37 13.1 +0.2, MBDF, 1.08 22, Op, Pn, 00 37 27.1 -0.1, NEGI, Negi, 1.09 83, Op, Pn, 00 37 11.8 -0.3, MONE, Monesi, 1.12 72, Op, Pn, 00 37 13.5 +0.2, ORIF, Oris-en-Rattie, 1.28 349, Op, Pn, 00 37 15.1 -0.4, ORIF, 1.28 349, Op, Pn, 00 37 31.1 -0.3, ORIF, Oris-en-Rattie, 1.22 349, Op, Pn, 00 37 15.1 -0.4, ORIF, 1.22 349, Op, Pn, 00 37 31.1 -0.3, RRL, Sanana Torines, 1.27 19, Op, Pn, 00 37 16.2 +1.7, ROB, Roburent, 1.33 64, Op, Pn, 00 37 16.5 +1.1, RORO, 1.40 73, Op, Pn, 00 37 16.3 0.0, FIN, Finale Ligure, 1.53 71, Op, Pn, 00 37 17.9 -0.2, VVVF, Saint-Julien-1, 1.58 316, Op, Pn, 00 37 22.1 -0.2, VVVF, 1.58 316, Op, Pn, 00 37 42.3 -0.6, VVVF, Saint-Julien-1, 1.58 316, Op, Pn, 00 37 19.3 +0.5, VVVF, 1.58 316, Op, Pn, 00 37 22.1 -0.2, VVVF, 1.58 316, Op, Pn, 00 37 42.3 -0.6, VVVF, 1.58 316, Op, Pn, 00 37 22.1 -0.2, VVVF, 1.58 316, Op, Pn, 00 37 42.3 -0.6, LASF, Ste Croix, 1.73 283, Op, Pn, 00 37 24.8 -0.5, LASF, 1.73 283, Op, Pn, 00 37 46.9 -1.0, LASF, Ste Croix, 1.73 283, Op, Pn, 00 37 20.9 0.0, LASF, 1.73 283, Op, Pn, 00 37 46.9 -1.0, LASF, Ste Croix, 1.73 283, Op, Pn, 00 37 24.8 -0.5, LASF, 1.73 283, Op, Pn, 00 37 46.9 -1.0, LASF, 1.73 283, Op, Pn, 00 37 46.9 -1.0, LPG, La Plagne, 1.82 12, Op, Pn, 00 37 26.5 -0.4, LPG, 1.82 12, Op, Pn, 00 37 44.7 +0.2, LPG, 1.82 12, Op, Pn, 00 37 50.4 -0.1, LPG, La Plagne, 1.82 12, Op, Pn, 00 37 22.9 +0.8, LPG, 1.82 12, Op, Pn, 00 37 26.5 -0.4, LPG, 1.82 12, Op, Pn, 00 37 44.7 +0.2, LPG, 1.82 12, Op, Pn, 00 37 50.4 -0.1, LPG, La Plagne, 1.82 12, Op, Pn, 00 37 26.5 -0.4, LPG, 1.82 12, Op, Pn, 00 37 44.7 +0.2, LPG, 1.82 12, Op, Pn, 00 37 50.4 -0.1, LPG, La Plagne, 1.82 12, Op, Pn, 00 37 26.5 -0.4, LPG, 1.82 12, Op, Pn, 00 37 44.7 +0.2, LPG, 1.82 12, Op, Pn, 00 37 50.4 -0.1, LPL, La Plagne, 1.83 12, Op, Pn, 00 37 26.4 -0.8

Table with columns: LPL, 9.8nm, 0.5s, eSg, Sg, 00 37 50.6 -0.4, LPL, La Plagne, 1.83 12, Op, Pn, 00 37 22.9 +0.6, LPL, 1.83 12, Op, Pn, 00 37 26.4 -0.8, LPL, 1.83 12, Op, Pn, 00 37 50.6 -0.4, LPL, 1.83 12, Op, Pn, 00 37 26.4 -0.8, LPL, 1.83 12, Op, Pn, 00 37 50.6 -0.4, PGF, Pioggiola, 2.36 119, Op, Pn, 00 37 29.2 -0.3, PGF, 2.36 119, Op, Pn, 00 37 55.9 -2.0, PGF, Pioggiola, 2.36 119, Op, Pn, 00 37 29.2 -0.3, PGF, 2.36 119, Op, Pn, 00 37 55.9 -2.0, CABF, La Chapelle, 2.89 358, Op, Sg, 00 38 23.3 -1.5, CABF, 2.89 358, Op, Sg, 00 38 23.3 -1.5, CABF, La Chapelle, 2.89 358, Op, Sg, 00 38 23.3 -1.5, CABF, 2.89 358, Op, Sg, 00 38 23.3 -1.5, MTLF, Montoliou, 2.92 264, Op, Pn, 00 37 46.8 -1.2, MTLF, 2.92 264, Op, Pn, 00 38 24.1 -1.8, MTLF, Montoliou, 2.92 264, Op, Pn, 00 37 38.1 +0.8, MTLF, 2.92 264, Op, Pn, 00 37 46.8 -1.2, MTLF, 2.92 264, Op, Pn, 00 38 11.8 -0.1, MTLF, 2.92 264, Op, Pn, 00 38 24.1 -1.8, MTLF, 2.92 264, Op, Pn, 00 37 46.8 -1.2, MTLF, 2.92 264, Op, Pn, 00 38 11.8 -0.1, MTLF, 2.92 264, Op, Pn, 00 38 24.1 -1.8, SMF, Signal de Mont, 3.37 331, Op, Sg, 00 38 21.9 -0.8, SMF, 3.37 331, Op, Sg, 00 38 21.9 -0.8

ICD 25 00:47:52.0:2.1, 094S, 12815E, h0km, mb3.4/2, mb1 3.5/3, mb1mx3.4/14, mbtmp3.4/3, Error ellipse: s-maj=152.2km s-min=25.6km az=67.0, Halmahera, Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, WRA, Warramunga Arr, 19.83 163, Op, Pn, 00 52 24.8 -1.0, ASAR, Alice Springs, 23.27 167, P, 00 53 01.4 +0.1, MKAR, Makanchi Array, 62.19 326, P, 00 58 15.3 +0.1

ICD 25 00:50:04.7:7.8, 2237N, 14491E, h0km, mb3.6/4, mb1 3.7/4, mb1mx3.6/17, mbtmp3.6/4, Error ellipse: s-maj=291.4km s-min=26.3km az=75.0, Volcano Islands region, Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, SONM, Sogingo Array, 39.86 319, Op, Pn, 00 57 40.6 +0.6, WRA, Warramunga Arr, 43.30 195, P, 00 58 09.0 +0.8, ASAR, Alice Springs, 46.99 194, P, 00 58 37.0 -0.5, MKAR, Makanchi Array, 55.43 312, P, 00 59 40.4 -0.5

STR 25 00:54:47.4:1.8, 4363N, 615E, h5km, 1km, Ml2.1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, ISCJB 25 00:54:48.2:0.6, 4368N, 004:612E, 0.04, h22km, 8km, Error ellipse: s-maj=7.2km s-min=4.7km az=53.5, LDG 25 00:54:48.7:0.1, 4373N, 615E, h6km, Md2.1/3, Ml2.2/4, Error ellipse: s-maj=3.0km s-min=1.8km az=32.0, ISC 25 00:54:48.2:0.5, 4373N, 003:616E, 0.03, h18km, 5km, n15, az=71/127, Near south coast of France

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, FRF, La Foret Royal, 0.39 115, Op, Pn, 00 55 00.7 -1.1, LMR, La Moure, 0.47 147, Op, Pn, 00 54 58.3 +0.6, SMRF, Simiane la Rot, 0.49 300, Op, Pn, 00 54 59.2 +1.1, TOUF, Mont Tournerai, 0.84 70, Op, Pn, 00 55 03.4 -1.1, LUCF, Luceram, 0.87 79, Op, Pn, 00 55 04.9 -0.3, SBF, Sospel, 0.93 81, Op, Pn, 00 55 17.0 +0.2, AUTN, L'Aution, 0.95 73, Op, Pn, 00 55 05.6 -1.2, SAOF, Saorge, 1.04 75, Op, Pn, 00 55 21.5 -0.6, MBDF, Montbardon, 1.09 24, Op, Pn, 00 55 24.3 +0.7, ORIF, Oris-en-Rattie, 1.21 350, Op, Pn, 00 55 11.4 -0.1, VVVF, Saint-Julien-1, 1.55 317, Op, Pn, 00 55 14.8 -0.1, LASF, Ste Croix, 1.70 283, Op, Pn, 00 55 34.2 -0.4, LASF, Ste Croix, 1.70 283, Op, Pn, 00 55 20.2 -0.7, LASF, 1.70 283, Op, Pn, 00 55 37.9 -0.3, PGF, Pioggiola, 2.39 119, Op, Pn, 00 55 26.6 +0.2

SOF 25 00:56:41.8, 3973N, 2962E, h2km, MD3.1, MOS 25 00:56:54.7:0.7, 4040N, 2905E, h10km, mb4.0/1, Error ellipse: s-maj=9.8km s-min=6.6km az=85.8, ISK 25 00:56:55.6, 4041N, 2905E, h10km, ML3.6, ISCJB 25 00:56:55.9:0.3, 4045N, 002:2900E, 0.02, h10km, 3km, Error ellipse: s-maj=3.2km s-min=2.6km az=48.6, CSEM 25 00:56:55.5:0.0, 4042N, 2901E, h10km, ML3.7, Error ellipse: s-maj=1.0km s-min=0.8km az=10.0, NEIC 25 00:56:55.0, 4041N, 2900E, h10km, MD3.9(ATH), Ml3.6(ISK), After ISK, THE 25 00:56:57.6, 4048N, 2895E, h1km, ML3.7, ATH 25 00:57:02.3, 4036N, 2851E, h47km, MD3.9/3, ISC 25 00:56:56.4:0.3, 4041N, 002:2900E, 0.02, h6km, 5km, n98, az=69/126, 9C-7D, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, GEMT, Gemlik, 0.14 81, Op, Pn, 00 56 59.2 -0.1, ULUD, Uludag, 0.29 159, Op, Pn, 00 57 02.0 +0.7, ULUD, 0.29 159, Op, Pn, 00 57 01.8 -0.2, YALV, Yalova, 0.32 61, Op, Pn, 00 57 08.6 +3.7, BADT, Buyukada, 0.45 11, Op, Pn, 00 57 05.0 +1.2, KCT, Karacabey, 0.52 254, Op, Pn, 00 57 06.4 +0.1, ADVT, Abdulvahap, 0.56 88, Op, Pn, 00 57 07.0 -0.2, HRT, Harsak, 0.65 51, Op, Pn, 00 57 08.3 +3.7, ISK, Istanbul-Kandi, 0.65 4, Op, Pn, 00 57 08.9 0.0, ISK, Istanbul-Kandi, 0.65 4, Op, Pn, 00 57 08.8 -0.1, KLYT, Kilyos, 0.84 2, Op, Pn, 00 57 18.1 +0.7, ELBA, Catalca, 0.85 330, Op, Pn, 00 57 12.4 -0.1, ELBA, Catalca, 0.85 330, Op, Pn, 00 57 12.3 -0.4, ELBA, Catalca, 0.85 330, Op, Pn, 00 57 12.3 -0.4, EDG, Catalca, 0.85 330, Op, Pn, 00 57 12.5 -0.2, CTT, Ecinicik, 0.87 266, Op, Pn, 00 57 12.4 -0.7, ETOK, Eskiyayla, 0.89 99, Op, Pn, 00 57 12.8 -0.6, BTKO, Tokmak, 0.99 229, Op, Pn, 00 57 14.8 -0.7, GMPA, Golparzari, 1.01 97, Op, Pn, 00 57 28.8 +0.7, MRMT, Marmara Adasi, 1.09 280, Op, Pn, 00 57 15.8 -1.4, BORA, Eskisehir, 1.23 115, Op, Pn, 00 57 18.9 -1.2, BORA, 1.23 115, Op, Pn, 00 57 15.8 -1.4, MFT, Murtepe, 1.36 286, Op, Pn, 00 57 21.5 -0.4, SART, Tekirdag, 1.42 282, Op, Pn, 00 57 22.7 0.0, RKY, Sarkoy-Tekirda, 1.42 282, Op, Pn, 00 57 22.1 -0.6

Table with columns: HENT, Hendek, 1.50 74, Op, Pn, 00 57 23.1 -0.7, CANB, Canakkale, 1.54 256, Op, Pn, 00 57 23.4 -0.9, EKSK, Eskisehir, 1.68 122, Op, Pn, 00 57 26.0 -0.3, KEDZ, Karadeniz Ereco, 2.06 63, Op, Pn, 00 57 31.9 +0.4, EDRB, Edirne, 2.23 311, Op, Pn, 00 57 33.2 -0.6, ALN, Alexandroupoli, 2.30 283, Op, Pn, 00 57 34.5 -0.3, PRK, Parakevi, 2.40 242, Op, Pn, 00 58 02.9 -0.6, RZM, Izmir, 2.42 214, Op, Pn, 00 58 00.1 -5.9, RDZ, Rodhopi, 2.73 287, Op, Pn, 00 57 40.3 -0.5, YAMB, Yambol, 2.74 319, Op, Pn, 00 57 41.4 +0.4, YAMB, 2.74 319, Op, Pn, 00 58 13.9 -0.5, YAMB, 2.74 319, Op, Pn, 00 57 40.3 -0.6, YAMB, 2.74 319, Op, Pn, 00 57 41.3 +0.4, YAMB, 2.74 319, Op, Pn, 00 58 13.9 -0.5, ISP, Isparta, 2.82 155, Op, Pn, 00 57 42.6 +0.6, ISP, Isparta, 2.82 155, Op, Pn, 00 57 44.1 +2.1, ISP, Isparta, 2.82 155, Op, Pn, 00 58 19.6 +3.2, ISP, Isparta, 2.82 155, Op, Pn, 00 57 41.5 -0.1, ISP, Isparta, 2.82 155, Op, Pn, 00 58 13.4 -0.1, SFT, Saffranbolu, 2.92 72, Op, Pn, 00 57 41.9 -0.1, ANTO, Ankara, 2.96 99, Op, Pn, 00 57 43.9 0.0, ANTO, Ankara, 2.96 99, Op, Pn, 00 57 43.9 0.0, ANTO, Ankara, 2.96 99, Op, Pn, 00 57 43.9 +0.1, KDZ, Kirdzhali, 2.98 296, Op, Pn, 00 57 55.9 +2.4, PRD, Prudzia, 3.03 337, Op, Pn, 00 57 50.6 +5.7, LOS, Limnos, 3.04 262, Op, Pn, 00 57 45.6 +0.6, CHOS, Chios island, 3.05 229, Op, Pn, 00 57 44.4 -0.7, DIM, Dimitrovgrad, 3.08 303, Op, Pn, 00 57 45.6 0.0, SGM, Samos, 3.18 213, Op, Pn, 00 57 48.2 +1.2, BCK, Bucak, 3.20 157, Op, Pn, 00 57 47.5 +0.3, MLN, Milas, 3.25 197, Op, Pn, 00 57 48.8 +0.8, RZB, Rozhen, 3.48 293, Op, Pn, 00 57 53.6 +2.5, CANK, Cankiri, 3.53 85, Op, Pn, 00 58 44.8 -3.4, KONT, Konya-Tatoy, 3.59 132, Op, Pn, 00 57 52.9 +0.3, BR131, Keskin Array S, 3.62 99, Op, Pn, 00 57 53.2 -2.0, BR131, Keskin Array S, 3.62 99, Op, Pn, 00 57 52.2 -0.8, DALT, Dalyan (Mudia), 3.65 185, Op, Pn, 00 57 54.2 +0.8, KAMT, Kaman, 3.77 105, Op, Pn, 00 57 54.6 -0.5, DAT, Datca, 3.84 197, Op, Pn, 00 57 56.0 -0.1, TOSY, Tosya, 3.87 79, Op, Pn, 00 57 56.9 +0.5, TIRG, Turgusor, 4.07 354, Op, Pn, 00 57 58.8 -0.3, TIRG, Turgusor, 4.07 354, Op, Pn, 00 57 58.9 -0.3, BZK, Bozkurt, 4.08 66, Op, Pn, 00 57 59.5 -0.2, AOS, Alonissos, 4.14 254, Op, Pn, 00 58 01.3 +1.2, MMS, Musomiste, 4.16 288, Op, Pn, 00 57 57.3 -3.1, SRS, Serrai, 4.17 281, Op, Pn, 00 58 00.4 -0.1, PLG, Polygyros, 4.24 271, Op, Pn, 00 58 02.5 +1.0, PLG, Polygyros, 4.24 271, Op, Pn, 00 58 01.0 -0.6, PLG, Polygyros, 4.24 271, Op, Pn, 00 58 02.5 +0.9, APE, Apeiranthos, 4.30 220, Op, Pn, 00 58 01.2 -1.2, CORU, Corum, 4.31 91, Op, Pn, 00 58 03.5 +1.0, BOYAT, Boyatos, 4.49 75, Op, Pn, 00 58 05.8 +0.0, KKB, Krunik, 4.70 290, Op, Pn, 00 58 11.2 +3.4, CFR, Carcaliu, 4.80 353, Op, Pn, 00 58 09.0 -0.3, VTS, Vitosh, 4.86 298, Op, Pn, 00 58 08.2 -1.9, VTS, Vitosh, 4.86 298, Op, Pn, 00 58 10.6 +0.5, VTS, Vitosh, 4.86 298, Op, Pn, 00 58 10.6 +0.5, SEV, Sevastopol', 5.38 38, Op, Pn, 00 59 13.1 -6.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, SEV, comp=Z, 4.0nm, 0.4s, smax, SEV, comp=N, 1.0nm, 0.3s, smax, SEV, comp=E, 3.0nm, 0.3s, smax, SEV, Sevastopol', 5.38 38, Op, Pn, 00 58 15.2 -2.0, MLR, Muntele Rosu, 5.55 337, Op, Pn, 00 58 20.5 +1.0, MLR, Muntele Rosu, 5.55 337, Op, Pn, 00 58 20.5 +1.0, YAL, Yalta, 5.58 41, Op, Pn, 00 58 19.7 -0.2, YAL, comp=Z, 18um, 0.5s, pmx, YAL, comp=N, 8um, 0.2s, smax, YAL, comp=E, 16um, 0.7s, smax, YAL, Yalta, 5.58 41, Op, Pn, 00 58 19.7 -0.2, VRI, Vrincoiaia, 5.70 344, Op, Pn, 00 58 14.9 -6.7, VOIR, 5.80 331, Op, Pn, 00 58 24.2 +1.3, ELIR, 5.80 331, Op, Pn, 00 58 23.1 -0.4, ALU, Alushta, 5.84 41, Op, Pn, 00 58 23.1 -0.4, ALU, comp=Z, 30nm, 0.6s, pmx, ALU, comp=N, 30nm, 0.5s, smax, ALU, comp=E, 30nm, 0.5s, smax, ALU, Alushta, 5.84 41, Op, Pn, 00 58 23.1 -0.4, SIM, Simferopol', 5.89 38, Op, Pn, 00 58 24.0 -0.2, SIM, comp=Z, 40nm, 0.5s, pmx, SIM, comp=N, 30nm, 0.7s, smax, SIM, comp=E, 70nm, 0.7s, smax, SIM, Simferopol', 5.89 38, Op, Pn, 00 58 24.3 +0.1, SIM, comp=Z, 17nm, 0.4s, smax, SIM, Simferopol', 5.89 38, Op, Pn, 00 58 24.3 +0.1, SUDU, Sukad, 6.29 43, Op, Pn, 00 58 29.8 +0.1, SUDU, comp=E, 30nm, 0.7s, smax, BURAR, Bucovina Array, 7.70 341, Op, Pn, 00 58 50.7 +1.7, BURAR, Bucovina Array, 7.70 341, Op, Pn, 00 58 50.7 +1.7

WEL 25 01:23:50.0:0.5, 3517S, 17886E, h172km, 13km, ML3.7/4, Error ellipse: s-maj=8.3km s-min=8.3km az=0.0, Off east coast of North Island, Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, MXZ, Matakaoa Point, 2.43 190, Op, Pn, 01 24 32.4 +1.1, MXZ, 2.43 190, Op, Pn, 01 25 03.5 0.0, PUK, Puketiti, 2.94 189, Op, Pn, 01 24 38.0 +0.6, PUK, 2.94 189, Op, Pn, 01 25 14.3 0.0, MWZ, Matawai, 3.34 198, Op, Pn, 01 24 43.4 +1.0, MWZ, 3.34 198, Op, Pn, 01 25 23.2 +0.1, URZ, Urewera, 3.39 204, Op, Pn, 01 24 43.6 +0.7, URZ, 3.39 204, Op, Pn, 01 25 24.9 +0.5

NIED 25 01:30:00, 2940N, 14050E, h11km, Mw4.2 Best double couple: M2, 65000x1015, NP1, 249, 000000, 877, 000000, lambda=111, 000000, NP2, 249, 129, 000000, 824, 000000, lambda=32, 000000, ICD 25 01:30:09.0:0.0, 2939N, 14030E, h0km, mb3.9/10, mb1 4.1/11, mb1mx3.9/21, mbtmp3.9/11, ML4.3/1, MS3.1/3, Ms1 3.1/3, ms1mx2.7/30, Error ellipse: s-maj=45.6km s-min=17.0km az=73.0

Table with columns for station code, name, frequency, and various signal quality metrics (MLR, P, S, etc.). Includes stations like GRSN, COET, CASY, ANAPA, and many others.

Table with columns for station code, name, frequency, and various signal quality metrics (MLR, P, S, etc.). Includes stations like LWV, KUR, SUR, APA, BZS, and many others.

Table with columns for station code, name, frequency, and various signal quality metrics (MLR, P, S, etc.). Includes stations like KBA, WET, VWA, CLL, and many others.

LPL	comp=Z,24nm,1.0s,mb5.4	P			
LPL	La Plagne 89.75 317 P	P	05 19 00.4 +0.3		
BNI	Bardonecchia 89.75 315 eP	P	05 18 59.8 -0.5		
BNI	comp=Z,15nm,1.1s,mb5.2				
BNI	Bardonecchia 89.75 315 eP	P	05 18 59.8 -0.5		
FRF	La Foret Royal 89.85 313 P	P	05 19 00.8 +0.2		
FRF	La Foret Royal 89.85 313 P	P	05 19 00.8 +0.2		
FRF	comp=Z,18nm,0.9s,mb5.4				
FRF	La Foret Royal 89.85 313 P	P	05 19 00.8 +0.2		
HAU	Haudompre 89.94 318 P	P	05 19 00.7 -0.3		
HAU	comp=Z,358nm,21.5s	eMLR			
HAU	Haudompre 89.94 318 P	P	05 19 00.7 -0.3		
HAU	comp=Z,19nm,1.0s,mb5.4				
HAU	comp=Z,360nm,21.5s,MS4.8	MLR			
HAU	Haudompre 89.94 318 P	P	05 19 00.7 -0.3		
HAU	comp=Z,19nm,1.0s,mb5.4				
LMR	La Moure 89.95 313 P	P	05 19 01.2 +0.1		
LMR	La Moure 89.95 313 P	P	05 19 01.2 +0.1		
LMR	comp=Z,13nm,1.1s,mb5.2				
LMR	La Moure 89.95 313 P	P	05 19 01.2 +0.1		
WLF	Wallerdange 90.03 319 eP	P	05 19 01.9 +0.5		
WLF	Wallerdange 90.03 319 eP	P	05 19 02.4 +1.0		
WLF	Wallerdange 90.03 319 eP	P	05 19 01.9 +0.5		
WLF	comp=Z,14nm,0.9s,mb5.3				
WLF	Wallerdange 90.03 319 eP	P	05 19 01.9 +0.4		
MEM	Mernbach 90.09 320 P	P	05 19 01.7 0.0		
CABF	La Chapelle 90.16 316 P	P	05 19 02.4 +0.4		
CABF	comp=Z,27nm,1.1s,mb5.5				
CABF	La Chapelle 90.16 316 P	P	05 19 02.4 +0.4		
CABF	comp=Z,27nm,1.1s,mb5.5				
CABF	La Chapelle 90.16 316 P	P	05 19 02.4 +0.4		
ORIF	Oris-en-Rattie 90.36 315 eP	P	05 19 03.4 +0.4		
ORIF	comp=Z,24nm,1.0s,mb5.2				
ORIF	Oris-en-Rattie 90.36 315 eP	P	05 19 03.4 +0.4		
ORIF	comp=Z,306nm,22.0s	eMLR			
ORIF	Oris-en-Rattie 90.36 315 eP	P	05 19 03.4 +0.4		
ORIF	comp=Z,12nm,1.0s,mb5.2				
ORIF	Oris-en-Rattie 90.36 315 eP	P	05 19 03.4 +0.4		
BCLA	Clavier 90.55 320 P	P	05 19 04.1 +0.2		
SMRF	Simiane la Rot 90.61 314 eP	P	05 19 04.8 +0.7		
SMRF	Simiane la Rot 90.61 314 eP	P	05 19 04.8 +0.7		
MEZF	Mazieres J'vi 90.79 318 eP	P	05 19 05.4 +0.1		
GIVF	Givet 90.87 320 eP	P	05 19 05.4 +0.1		
GIVF	Givet 90.87 320 eP	P	05 19 05.4 +0.1		
GIVF	comp=Z,26nm,1.1s,mb5.5				
GIVF	Givet 90.87 320 eP	P	05 19 05.4 +0.1		
DOU	Dourbes 91.02 320 P	P	05 19 05.9 -0.1		
QSPA	South Pole Qui 91.03 180 eP	P	05 19 05.8 -0.3		
SNF	Seneffe 91.12 320 P	P	05 19 07.2 +0.4		
VIVF	Saint-Julien-1 91.22 315 eP	P	05 19 07.1 +0.1		
VIVF	Saint-Julien-1 91.22 315 eP	P	05 19 07.1 +0.1		
VIVF	comp=Z,26nm,1.3s,mb5.4				
VIVF	Saint-Julien-1 91.22 315 eP	P	05 19 07.1 +0.1		
BAIF	Baives 91.27 320 eP	P	05 19 07.5 +0.3		
BAIF	Baives 91.27 320 eP	P	05 19 07.5 +0.3		
BAIF	comp=Z,40nm,1.0s,mb5.7				
BAIF	Baives 91.27 320 eP	P	05 19 07.5 +0.3		
BAIF	Baives 91.27 320 eP	P	05 19 07.5 +0.3		
LOR	Lormes 91.66 317 P	P	05 19 09.0 0.0		
LOR	comp=Z,76nm,1.1s,mb5.7				
LOR	Lormes 91.66 317 P	P	05 19 09.0 0.0		
LOR	comp=Z,327nm,22.5s	eMLR			
LOR	Lormes 91.66 317 P	P	05 19 09.0 0.0		
LOR	comp=Z,38nm,1.1s,mb5.6	MLR			
LOR	Lormes 91.66 317 P	P	05 19 09.0 0.0		
LOR	comp=Z,330nm,22.5s,MS4.7				
LOR	Lormes 91.66 317 P	P	05 19 09.0 0.0		
SMF	Signal de Mont 91.71 317 P	P	05 19 09.1 -0.1		
SMF	Signal de Mont 91.71 317 P	P	05 19 09.1 -0.1		
SMF	comp=Z,29nm,1.0s,mb5.6				
SMF	Signal de Mont 91.71 317 P	P	05 19 09.1 -0.1		
SMF	Signal de Mont 91.71 317 P	P	05 19 09.1 -0.1		
SMF	comp=Z,29nm,1.0s,mb5.6				
SMF	Signal de Mont 91.71 317 P	P	05 19 09.1 -0.1		
LASF	Ste Croix 91.84 314 eP	P	05 19 10.3 +0.4		
SSF	Saint Saugel 91.91 317 P	P	05 19 10.3 +0.1		
SSF	Saint Saugel 91.91 317 P	P	05 19 10.3 +0.1		
SSF	comp=Z,27nm,1.4s,mb5.4				
SSF	Saint Saugel 91.91 317 P	P	05 19 10.3 +0.1		
AVF	Avril sur Loir 92.03 317 P	P	05 19 10.7 0.0		
AVF	Avril sur Loir 92.03 317 P	P	05 19 10.7 0.0		
AVF	comp=Z,50nm,1.1s,mb5.5				
AVF	Avril sur Loir 92.03 317 P	P	05 19 10.7 0.0		
BGF	Bois d'Angland 92.40 316 P	P	05 19 12.8 +0.4		
BGF	Bois d'Angland 92.40 316 P	P	05 19 12.8 +0.4		
BGF	comp=Z,29nm,1.0s,mb5.7				
BGF	Bois d'Angland 92.40 316 P	P	05 19 12.8 +0.4		
BGF	Bois d'Angland 92.40 316 P	P	05 19 12.8 +0.4		
BGF	comp=Z,36nm,1.0s,mb5.7				
BGF	Bois d'Angland 92.40 316 P	P	05 19 12.8 +0.4		
HYF	Humbigny 92.48 317 eP	P	05 19 13.4 +0.6		
TCF	Toulx Ste Croi 92.86 316 eP	P	05 19 14.8 +0.3		
TCF	Toulx Ste Croi 92.86 316 eP	P	05 19 14.8 +0.3		
TCF	comp=Z,100nm,1.7s,mb5.7				
TCF	Toulx Ste Croi 92.86 316 eP	P	05 19 14.8 +0.3		
TCF	Toulx Ste Croi 92.86 316 eP	P	05 19 14.8 +0.3		
TCF	comp=Z,50nm,1.7s,mb5.7				
TCF	Toulx Ste Croi 92.86 316 eP	P	05 19 14.8 +0.3		
TCF	Toulx Ste Croi 92.86 316 eP	P	05 19 14.8 +0.3		
TCF	comp=Z,50nm,1.7s,mb5.7				
TCF	Toulx Ste Croi 92.86 316 eP	P	05 19 14.8 +0.3		
CAF	Calviac 93.06 315 eP	P	05 19 16.1 +0.6		
CAF	Calviac 93.06 315 eP	P	05 19 16.1 +0.6		
CAF	comp=Z,31nm,1.2s,mb5.9				
CAF	Calviac 93.06 315 eP	P	05 19 16.1 +0.6		
CAF	Calviac 93.06 315 eP	P	05 19 16.1 +0.6		
CAF	comp=Z,15nm,1.2s,mb5.9				
CAF	Calviac 93.06 315 eP	P	05 19 16.1 +0.6		
MTLF	Montlieu 93.08 313 P	P	05 19 16.0 +0.4		
MTLF	Montlieu 93.08 313 P	P	05 19 16.0 +0.4		
MTLF	comp=Z,39nm,1.1s,mb5.4				
MTLF	Montlieu 93.08 313 P	P	05 19 16.0 +0.4		
MTLF	Montlieu 93.08 313 P	P	05 19 16.0 +0.4		
MTLF	comp=Z,20nm,1.1s,mb5.5				
MTLF	Montlieu 93.08 313 P	P	05 19 16.0 +0.4		
RJF	Les Rejaudoux 93.42 315 eP	P	05 19 17.7 +0.6		
RJF	Les Rejaudoux 93.42 315 eP	P	05 19 17.7 +0.6		
RJF	comp=Z,39nm,1.2s,mb5.4	eMLR			
RJF	Les Rejaudoux 93.42 315 eP	P	05 19 17.7 +0.6		
RJF	Les Rejaudoux 93.42 315 eP	P	05 19 17.7 +0.6		
RJF	comp=Z,163nm,20.8s	MLR			
RJF	Les Rejaudoux 93.42 315 eP	P	05 19 17.7 +0.6		
RJF	Les Rejaudoux 93.42 315 eP	P	05 19 17.7 +0.6		
RJF	comp=Z,19nm,1.2s,mb5.4				
RJF	Les Rejaudoux 93.42 315 eP	P	05 19 17.7 +0.6		
RJF	Les Rejaudoux 93.42 315 eP	P	05 19 17.7 +0.6		
RJF	comp=Z,160nm,20.8s,MS4.5				
RJF	Les Rejaudoux 93.42 315 eP	P	05 19 17.7 +0.6		

RJF	comp=Z,19nm,1.2s,mb5.4				
LFF	La Frestale 94.00 315 eP	P	05 19 20.4 +0.6		
LFF	La Frestale 94.00 315 eP	P	05 19 20.4 +0.6		
LFF	comp=Z,26nm,1.2s,mb5.5				
LFF	La Frestale 94.00 315 eP	P	05 19 20.4 +0.6		
LDF	La Druitiere 94.21 319 eP	P	05 19 20.7 -0.1		
LDF	La Druitiere 94.21 319 eP	P	05 19 20.7 -0.1		
LDF	comp=Z,25nm,1.2s,mb5.5				
LDF	La Druitiere 94.21 319 eP	P	05 19 20.7 -0.1		
MFF	Saint Martin d 94.45 317 eP	P	05 19 21.7 -0.2		
MFF	Saint Martin d 94.45 317 eP	P	05 19 21.7 -0.2		
MFF	comp=Z,16nm,1.2s,mb5.3				
MFF	Saint Martin d 94.45 317 eP	P	05 19 21.7 -0.2		
MFF	Saint Martin d 94.45 317 eP	P	05 19 21.7 -0.2		
MFF	comp=Z,16nm,1.2s,mb5.3				
MFF	Saint Martin d 94.45 317 eP	P	05 19 21.7 -0.2		
TORD	Tordi Ar. Bea 95.37 283 P	P	05 19 26.0 -0.1		
TORD	comp=Z,1.8nm,1.1s,mb4.4,baz=2.1,SNR=6.4				
TORD	Tordi Ar. Bea 95.37 283 P	P	05 19 26.0 -0.1		
SJPF	Ste Jean 95.61 313 eP	P	05 19 27.6 +0.4		
SJPF	Ste Jean 95.61 313 eP	P	05 19 27.6 +0.4		
SJPF	comp=Z,339nm,18.1s,MS4.9,baz=11.5,slow=39				
SJPF	Ste Jean 95.61 313 eP	P	05 19 27.6 +0.4		
SJPF	Ste Jean 95.61 313 eP	P	05 19 27.6 +0.4		
SJPF	comp=Z,13nm,1.2s,mb5.2				
SJPF	Ste Jean 95.61 313 eP	P	05 19 27.6 +0.4		
ROSF	Rostrene 96.32 319 eP	P	05 19 30.6 +0.2		
ROSF	Rostrene 96.32 319 eP	P	05 19 30.6 +0.2		
ROSF	comp=Z,13nm,1.2s,mb5.2				
ROSF	Rostrene 96.32 319 eP	P	05 19 30.6 +0.2		
ROSF	Rostrene 96.32 319 eP	P	05 19 30.6 +0.2		
ROSF	comp=Z,17nm,1.2s,mb5.3				
ROSF	Rostrene 96.32 319 eP	P	05 19 30.6 +0.2		
MCMT	McKenzie Canyon 126.94 27 ePKPdf	PKPdf	05 25 06.5 +0.9		
ULM	Lac du Bonnet 127.60 11 ePKPdf	PKPdf	05 25 06.2 -0.7		
NVAR	Mina Array Bea 128.72 36 PKP	PKPdf	05 25 08.9 -0.1		
TPAW	Teton Pass 128.84 26 ePKPdf	PKPdf	05 25 10.8 +1.6		
TPAW	Long Hollow 128.89 26 ePKPdf	PKPdf	05 25 18.5 +0.8		
TPAW	Long Hollow 128.89 26 ePKPdf	PKPdf	05 25 10.1 +0.7		
TPAW	Long Hollow 128.89 26 ePKPdf	PKPdf	05 25 17.4 -0.4		
SNOW	Snow King Moun 128.95 26 ePKPdf	PKPdf	05 25 10.9 +1.5		
SNOW	Snow King Moun 128.95 26 ePKPdf	PKPdf	05 25 18.5 +0.6		
BW06	Boulder Array 130.03 26 ePKPdf	PKPdf	05 25 12.2 +0.7		
HWUT	Hardware Ranch 130.03 28 ePKPdf	PKPdf	05 25 12.1 +0.6		
PDAR	Pinedale Array 130.03 26 PKP	PKPdf	05 25 08.8 -2.8		
DUG	Duway 130.49 31 ePKPdf	PKPdf	05 25 13.6 +1.2		
RSSD	Black Hills 131.07 20 ePKPdf	PKPdf	05 25 14.1 +0.6		
PV10	Paradox Valley 133.76 29 ePKPdf	PKPdf	05 25 20.2 +1.6		
TUC	Tucson 137.38 36 ePKPdf	PKPdf	05 25 25.6 +0.3		
ANMO	Albuquerque 137.73 30 ePKPdf	PKPdf	05 25 27.7 +1.7		
WCI	Wyandotte Cave 140.72 5 ePKPdf	PKPdf	05 25 31.5 +0.1		
MINTX	Conradas Mount 140.85 32 ePKPdf	PKPdf	05 25 33.0 +1.3		
TKL	Tuckaleechee C 143.43 2 PKHk	PKPdf	05 25 32.0 -1.6		
TXAR	Lajitas Array 143.63 32 PKP	PKPdf	05 25 35.0 -1.6		
TXAR	Lajitas Array 143.63 32 PKP	PKPdf	05 25 35.0 -1.6		
TXAR	comp=Z,4.2nm,1.0s,baz=227,slow=1.1,SNR=20				
TXAR	Lajitas Array 143.63 32 PKP	PKPdf	05 25 33.2		
PLAL	Pickwick Lake 144.75 8 ePKP	PKPdf	05 25 37.2 -1.0		
JCT	Junction City 144.56 26 ePKP	PKPdf	05 25 38.6 -0.1		
CPUP	Villa Florida 145.10 222 PKPbc	PKPbc	05 25 39.2 +0.6		
CPUP	Villa Florida 145.10 222 PKPbc	PKPbc	05 25 46.8 -0.8		
NATX	Nacogdoches 145.37 18 ePKPbc	PKPbc	05 25 40.3 +0.7		
NATX	Nacogdoches 145.37 18 ePKPbc	PKPbc	05 25 48.6 +0.5		
HKT	Hockley 146.63 21 ePKPbc	PKPbc	05 25 43.2 -0.1		
HKT	Hockley 146.63 21 ePKPbc	PKPbc	05 25 51.8 +1.6		
CFAA	Coronel Fontan 146.77 203 PKPbc	PKPbc	05 25 43.8 0.0		
SIV	San Ignacio 154.126 PKP	PKPdf	05 25 53.9 +0.4		
SIV	San Ignacio 154.126 PKP	PKPdf	05 25 53.9 +0.4		
SIV	comp=Z,1.2nm,1.0s,baz=59,slow=2.4,SNR=4.0				
SIV	San Ignacio 154.126 PKP	PKPdf	05 26 01.7 +0.1		
CPD	Cerro la Pandu 154.92 320 ePKP2	PKPab	05 26 19.2 +0.6		
LPAZ	La Paz 159.27 222 PKP				

Table with columns: KPC, comp=N, 79nm, 1.4s, Smax, KPC, Khapcheranga, 6.05 184, ePN, Pn, 05 18 58.1 -1.2, etc.

BJI 25 05:19:36.9, 0.60N, 97.50E, h20km, mB5.3, mb5.0, Ms5.1, Ms25.0

ISC 25 05:19:38.5, 0.5, 1.02N, 97.48E, h0km, mb4.4/20, mb1.4, 5.2/1, mb1mx4.4/26, mbtmp4.4/21, ML4.0/1, MS4.5/11, Ms1.4, 5/11, ms1mx4.2/31, Error ellipse: s-maj=18.6km s-min=11.2km az=48.0

ISCJB 25 05:19:41.0, 0.3, 1.03N, 0.04, 97.39E, 0.04, h24km, mb4.8/60, MS4.8/23, Error ellipse: s-maj=7.0km s-min=5.2km az=79.3

MOS 25 05:19:42.3, 0.1, 1.07N, 97.39E, h33km, mb5.1/17, MS4.7/7, Error ellipse: s-maj=12.0km s-min=6.5km az=97.4

NEIC 25 05:19:42.3, 0.3, 1.04N, 97.36E, mb4.8/16, Error ellipse: s-maj=8.3km s-min=7.1km az=220.0

NEIC Felt [III] at Gunungstali, GCMT 25 05:19:42.3, 0.7, 0.78N, 97.26E, h36km, 1km, MW5.0/44, Moment Tensor Solution: s30, c39, s44, c55; Duration: 0. Moment tensor: Scale 10^16Nm; M2, 89±27; Mw=1.32±.17; Mw=0.96±.19; Mw=1.70±.19; Mw=2.47±.12; Mw=1.92±.17; Best double couple: M=4.04500x10^16

NP1=3.11, 0.00000, s29.00000, s93.00000, N2: e=128.00000, s61.00000, s88.00000; Principal axes: T 3.5110, P1g74.0000, Azm34.0000; N 1.0710, P1g1.0000, Azm129.0000; P -4.5780, P1g16.0000, Azm219.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 25 05:19:43.0, 0.3, 1.06N, 97.41E, 0.04, h25km, h25km, 1.5km, P=1.133, s18, s16/129, mb4.8/60, MS4.8/23, 10C-2D, Northern Sumatera

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC, h, m, s, ISC, etc.

Main table with columns: LZH, sP, 05 26 45.5 -2.0, etc.

Main table with columns: VLA, Vladivostok, 51.98 32 eP, P, 05 28 48.4 -2.1, etc.

ISCJB 25 05:24:53.9, 0.7, 61.78S, 0.07, 160.8E, 0.10km, mb4.4/6, MS4.0/1, Error ellipse: s-maj=30.3km s-min=10.0km az=164.2

mb1 4.4/6, mb1mx4.3/13, mbtmp4.3/6, ML3.7/2, MS4.3/3, Ms1 4.3/3, ms1mx3.9/16, Error ellipse: s-maj=55.1km s-min=32.6km az=81.0
 NEIC 25 05:24:55.7-0.6, 6181S-16062E, h10km, mb4.6/2, Error ellipse: s-maj=25.6km s-min=8.1km az=81.0
 GCMT 25 05:24:55.7-0.5, 6181S-16093E, h24km,2km, MW5.0/55, Moment Tensor Solution. s12,c14; s55,c68; Duration: 0 Moment tensor: Scale 10¹⁶Nm; Mr=0.48;30; Mw=3.60;23; M_{bb}=3.12;20; M_{bb}-1.42;30; M_{bb}-1.08;18; M_{bb}-0.19;31; Best double couple: M₀3.74800/10¹⁶ Nf1₃₃=325.00000; s78.00000; s12.00000; NP2: cp=233.00000; s73.00000; s167.00000; Principal axes: T 4.2070, Plg17.0000; Azm189.0000; N -0.9170, Plg73.0000; Azm11.0000; P -3.2900, Plg1.0000; Azm279.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 25 05:24:55.3-0.7, 6180S-007.1608E-04, h10km, n13, c0572/11, mb4.4/6, MS4.0/1, Balleny Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	h m s	ISC
VNDA	Vanda	15.80	179	Op	05 28 36.7	-1.1			
VNDA	Vanda	15.80	179	LR	05 28 36.7	-1.1			
VNDA	Vanda	15.80	179	LR	05 28 36.7	-1.1			
SBA	Scott Base	16.24	175	eP	05 28 44.3	+0.8			
RPZ	Rata Peaks	19.10	23	P	05 29 18.7	-0.3			
RPZ	South Pole Qui	28.29	180	P	05 30 49.4	+0.6			
URZ	Urewera	25.64	31	LR	05 30 09.9				
QSPA	Alice Springs	42.30	322	P	05 32 48.4	-0.6			
AS31	Alice Springs	42.30	322	eP	05 32 48.4	-0.9			
CTA	Charters Tower	42.90	340	P	05 32 54.6	+0.7			
WRA	Warramunga Arr	50.12	324	P	05 33 17.4	+1.1			
SNA4	Saragani	46.33	187	eP	05 33 21.1	-0.2			
FITZ	Fitzroy Crossi	50.12	314	P	05 33 50.7	0.0			
TORD	Tordi Ar. Bea	129.14	207	PKP	05 44 03.8	+0.2			

CASC 25 05:33:15.2-1.3, 1246N-8976W, h15km, MD3.9, ML3.4, 9C-3D, Off coast of central America

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	h m s	ISC
LFBS	El Faro	1.34	301	eP	05 33 46.9	+7.5			
BOQS	Boqueron	1.35	201	eP	05 33 47.3	+7.8			
LBRS	Las Brisas	1.45	291	eP	05 33 49.1	+9.4			
RBDL	Robledal	1.65	2	eP	05 34 13.9	+9.5			
VSM	San Miguel	1.74	56	eP	05 33 54.0	+9.1			
CHIN	San Cristobal	2.66	851	eP	05 33 57.8	+0.3			
LEON	Leon	2.98	901	eP	05 34 01.5	-0.3			
MIRN	Miramar	2.99	89	eP	05 34 01.8	-0.2			
CNGN	Cerro Negro	3.11	951	eP	05 34 03.5	-0.2			
APYN	Apoyeque	3.34	931	eP	05 34 07.0	+0.1			
XAVN	Gruta Xavier	3.37	951	eP	05 34 07.7	+0.4			
MGAN	Managua	3.45	951	eP	05 34 08.3	-0.1			
MGAN	Managua			s	05 34 49.5	+0.6			
TICN	Ticuantepe	3.48	971	eP	05 34 08.2	-0.6			
MADN	Villa Maderas	4.27	1041	eP	05 34 19.8	+0.3			

BUI 25 05:34:55.5, 732S-10235E, h30km, mb5.2, mb4.9
 IDC 25 05:35:00.2-1.6, 639S-10192E, h30km, mb4.1/7, mb1 4.2/7, mb1mx4.0/18, mbtmp4.1/7, MS1.3/7.1, ms1mx3.0/25, Error ellipse: s-maj=71.6km s-min=18.1km az=49.0

ISCJB 25 05:35:04.1-1.1, 63S-1022E-03, h33km, mb4.4/15, Error ellipse: s-maj=46.1km s-min=10.6km az=102.3

NEIC 25 05:35:04.7-1.1, 638S-10197E, h30km, mb4.4/2, Error ellipse: s-maj=41.5km s-min=9.9km az=53.0

ISC 25 05:35:06.5, 63S-1021E-03, h35km, n19, c069/17, mb4.4/15, Southwest of Sumatra

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	h m s	ISC
PSTI	Prapat	9.59	340	LR	05 41 09.7				
CHIA	Chiang Mai	25.15	353	P	05 40 27.5	-0.8			
FITZ	Fitzroy Crossi	25.76	119	P	05 40 34.3	+0.5			
WRA	Warramunga Arr	34.09	117	P	05 41 47.9	+0.3			
ASAR	Alice Springs	35.08	123	P	05 41 57.0	+0.8			
GUN	Gumba	37.46	336	eP	05 42 17.3	+0.8			
DMN	Daman	37.51	335	eP	05 42 17.5	+0.5			
GKN	Gorkha	38.06	334	eP	05 42 22.0	+0.5			
KOLN	Koldanda	38.31	333	eP	05 42 24.6	+0.9			
STKA	Stephens Creek	44.75	130	P	05 43 15.0	-1.4			
STKA	Stephens Creek	44.75	130	P	05 43 15.0	-1.4			
GTA	Gatoti	45.53	357	eP	05 43 22.6	0.0			
GTA	Gatoti			pP	05 43 30.3	-2.7			
GTA	Gatoti			XP	05 43 33.3	-3.9			
WMQ	Ururumi	51.57	347	P	05 44 09.5	+0.4			
WMQ	Ururumi			AMB					
WMQ	Ururumi			AMB					
SONM	Songiro Array	54.03	4	P	05 44 26.6	-0.7			
ULN	Ulanbaatar	54.11	4	eP	05 44 27.9	0.0			
MK31	Makanchi Array	55.72	344	eP	05 44 38.9	-0.5			
MKAR	Makanchi Array	55.72	344	P	05 44 38.8	-0.7			
BRTR	Reskin Array B	77.78	313	P	05 46 59.2	-0.8			
TXAR	Lajitas Array	146.58	44	PKPbc	05 54 45.5	+1.3			

OTT 25 06:04:02.5-0.8, 6969N-6193W, h18km, ML3.6/5, Baffin Bay, 255km northeast from Kikiqtarjuak, NU Eastern Arctic Background Seismic Zone Baffin Bay

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	h m s	ISC
PINU	Pond Inlet	5.99	308	PN	06 09 45.6				
PINU	Pond Inlet			SN	06 10 49.6				
PINU	Pond Inlet			Trac	06 10 52.5				
FRB	Frobisher Bay	6.52	207	PN	06 05 37.5	0.0			
GIFN	Gifford Fjord	6.81	282	PN	06 05 40.4	-1.1			
GIFN	Gifford Fjord			SN	06 06 53.2	-5.3			
GIFN	Gifford Fjord			Trac	06 06 59.1				
ILON	Ilgoolik, Nuna	6.97	277	PN	06 05 43.2	-0.5			
ILON	Ilgoolik, Nuna			SN	06 05 57.3	-5.3			
ILON	Ilgoolik, Nuna			Trac	06 07 01.2				
SRLN	Sarcpa Lake, N	7.71	272	PN	06 05 53.3	-0.6			
SRLN	Sarcpa Lake, N			SN	06 07 14.9	-5.8			

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	h m s	ISC
SRLL	Com-Z,5.4nm,0.1s			Trac	06 07 22.9				
QILN	Qiliuagay Exp1	9.56	263	PN	06 06 18.6	-0.6			
QILN	Qiliuagay Exp1			SN	06 07 58.8	-7.4			
QILN	Qiliuagay Exp1			Trac	06 08 02.7				
IVKQ	Ivujivik	9.73	229	PN	06 06 19.9	-1.8			
IVKQ	Ivujivik			SN	06 08 00.8	-1.0			
AKVO	Akulik	11.17	225	PN	06 06 40.3	-1.0			
AKVO	Akulik			SN	06 06 54.9	-1.1			
STLN	Stellar Camp	11.56	273	PN	06 06 44.8	-1.8			
STLN	Stellar Camp			SN	06 08 45.7	-1.0			
STLN	Stellar Camp			Trac	06 08 49.5				
KUQ	Kuujuuaa	11.96	197	PN	06 06 45.3	-6.8			
KUQ	Kuujuuaa			SN	06 08 02.2	-1.6			
KUQ	Kuujuuaa			Trac	06 08 54.8				
BULLN	Bullion Camp	12.04	269	PN	06 06 50.1	-3.1			
BULLN	Bullion Camp			SN	06 06 55.6	-1.1			
BULLN	Bullion Camp			Trac	06 09 05.1				
SEDN	First Sedna Si	13.23	255	PN	06 07 06.3	-3.2			
SEDN	First Sedna Si			SN	06 09 23.8	-1.2			
SEDN	First Sedna Si			Trac	06 09 27.7				
INUQ	Inuqjuak	13.25	220	PN	06 07 06.5	-3.2			
INUQ	Inuqjuak			SN	06 09 20.9	-1.6			
SCHO	Schefferville	15.08	191	PN	06 07 29.1	-5.6			
SCHO	Schefferville			SN	06 10 07.7	-1.3			
SCHO	Schefferville			Trac	06 10 15.7				
LG4Q	La Grande 4	17.06	205	PN	06 07 53.3	-6.7			
LG4Q	La Grande 4			SN	06 10 47.9	-2.1			
LG4Q	La Grande 4			Trac	06 11 00.3				
FCC	Fort Churchill	17.48	247	PN	06 08 04.0	-1.4			
FCC	Fort Churchill			SN	06 11 08.1	-1.1			
SILO	Sutton Inlier	18.46	226	PN	06 08 15.3	-2.1			
SILO	Sutton Inlier			SN	06 11 26.0	-1.7			

NNC 25 06:20:33.8-1.8, 5467N-9601E, h0km, mb3.9, Error ellipse: s-maj=43.9km s-min=34.3km az=61.0
 ISCJB 25 06:20:33.6-1.8, 5471N-9601E, h10km, Error ellipse: s-maj=13.6km s-min=7.0km az=109.8
 MOS 25 06:20:33.8-1.8, 5467N-9359E, h12km, mb4.4/1, Error ellipse: s-maj=16.1km s-min=8.8km az=71.0

ISC 25 06:20:34.6-0.7, 5463N-010.936E-01, h10km, n15, c135/16, 6C-4D, Southwestern Siberia

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	h m s	ISC
MINR	Mina	0.42	49	eP	06 20 44.1	+1.2			
KRAR	Krasnoyarsk	1.46	343	iP	06 20 57.8	-3.1			
CERR	Cheremushki	2.21	218	ePN	06 21 11.7	+0.4			
CERR	Cheremushki			e	06 21 40.5				
TASR	Tashtagol	3.90	244	ePN	06 21 42.6	-0.9			
TASR	Tashtagol			Sb	06 22 30.7	0.0			
ZAL	Zalesovo	5.23	266	iPN	06 21 56.0	+3.2			
ZAL	Zalesovo			pmax					
AKAR	Aktash	5.67	223	ePN	06 21 57.2	-1.6			
AKAR	Aktash			e	06 22 13.0				
NVS	Novosibirsk	6.04	276	ePN	06 21 58.5	-5.4			
NVS	Novosibirsk			e	06 23 29.8				
TLY	Talaya	6.70	112	iPN	06 22 22.9	+1.0			
MK31	Makanchi Array	10.63	227	iPN	06 22 07.7	+0.8			
MK31	Makanchi Array			SN	06 25 23.0				
BOD	Bodaibo	11.76	66	eP	06 23 21.7	-0.7			
BOD									

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Tololo Astrono, Ovalle, Valenar, Combarbala, etc.

ISC/JB 25 09:05:12.5,0.4, 3837N,002.2198E,0.03,h5km,Error ellipse: s-maj=3.8km s-min=3.3km az=91.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RLS, EVR, AGG, LKR, MGR, etc.

SZGRF 25 09:17:19.6, 1904S,17389W,h33km,Tonga Islands BUJ 25 09:17:38.0, 1896S,17546W,h187km,m5.0,m4.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFI, RAR, DZM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFI, RAO, RAR, DZM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG, STKA, STKA, STKA, etc.

ISC/JB 25 09:05:13.4,0.2, 3836N,2200E,h5km,ML3.3,Error ellipse: s-maj=4.0km s-min=3.4km az=133.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSM, YSS, K515, etc.

COLA College 86.52 12 / P P 09 29 59.0 -2.7

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GYA, HHC, KMI, etc.

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

ISC/JB 25 09:05:13.0,0.5, 3837N,002.2202E,0.03,h5km,5km,m29, r104/40,Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARCES, FINES, FINES, etc.

BSEG Bad Segeberg 145.01 354 ePKPbC PKPbC 09 36 52.9 -1.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BSEG, LRV, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BRV, BR13, BR13, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ISP Isparta, PKSM Moragy, PKSM Moragy, GRR Gorron, etc.

CSEM 25 09:32:57.8.0.1, 3075N:3504E, h1km, ML2.4, Error ellipse: s-maj=1.7km s-min=0.9km az=83.0, Mining explosion. GII 25 09:32:57.7.0.2, 3076N:3505E, h0km, ML2.4B. ISCJB 25 09:32:58.1.0.4, 3074N:02:35:05E, h0km, Error ellipse: s-maj=5.5km s-min=3.3km az=15.3. HLW 25 09:32:58.1, 3082N:3504E, h1km, Mb2.7. ISC 25 09:32:58.6.0.4, 3075N:002:35:04E, h0km, n27, c#91/30, Dead Sea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZFRI Zfiri, RMINI Mount Ramon, MASH Mash'abbe Sade, etc.

NEIC 25 09:42:35.6, 1554N-9731W, h20km, MD4.4(MEX), After MEX. MEX 25 09:42:36.0.0.8, 1556N-9732W, h28km, 13km, MD4.4, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PNIG Pinotepa, HUIG Huatulco, VHO Vista Hermosa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NEIC 25 09:45:22.4, 3840N:2180E, h25km, MD3.4(ATH), After ATH. CSEM 25 09:45:22.9.0.1, 3838N:2183E, h2km, MD3.4, Error ellipse: s-maj=2.5km s-min=2.3km az=113.0. ATH 25 09:45:22.3, 3841N:2177E, h27km, MD3.4/10. ISCJB 25 09:45:23.4.0.7, 3832N:004:21:82E, h0.4, h14km, 7km, Error ellipse: s-maj=6.0km s-min=4.8km az=141.3. THE 25 09:45:23.2, 3811N:2190E, h20km, ML3.0. ISC 25 09:45:24.0.0.6, 3831N:002:21:83E, h0.4, h21km, 8km, n23, c#136/30, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RLS Riolos of Patr, EVR Erytria, AGG Agios Georgios, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ISCJB 25 09:45:30.4.2.3, 4051N:008:206E, h1km, 13km, Error ellipse: s-maj=15.9km s-min=1.4km az=84.0. SKO 25 09:45:32.7, 4054N:2062E, h0km, MD, 4.2. THE 25 09:45:34.0, 4011N:2070E, h10km, ML2.9. CSEM 25 09:45:34.4.0.7, 4068N:2067E, h2km, ML2.9, Error ellipse: s-maj=12.4km s-min=6.6km az=59.0. ISC 25 09:45:30.6.2.6, 4050N:01:20:05E, h1km, 13km, n7, c#940/14, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OHR Ohrid, FNA Florina, KRUS Krusevo, etc.

KRSC 25 09:49:56, 4978N-15749E, h10km, ML3.8, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RUS Russkaya, GRL Gurelyy, PET Petropavlovsk, etc.

MOS 25 10:03:56.7.1.3, 2804N-5736E, h33km, mb4.3/4, Error ellipse: s-maj=23.4km s-min=9.8km az=127.4. IDC 25 10:03:58.0.1.0, 2860N:5688E, h0km, mb3.9/9, mb1.4, 0/10, mb1mx3.8/24, mbtmp4.0/10, ML4.1/1, Error ellipse: s-maj=23.8km s-min=19.9km az=100.0. ISCJB 25 10:03:59.0.3, 2853N:002:57:11E, h0km, mb4.2/18, MS3.4/2, Error ellipse: s-maj=4.3km s-min=3.1km az=0.2. BUJ 25 10:03:59.5, 2762N:5794E, h10km, mb4.4, MS3.9, Msz3.7. CSEM 25 10:04:00.6.0.1, 2852N:5709E, h15km, mb4.2/4, Error ellipse: s-maj=2.5km s-min=1.6km az=70.0. THR 25 10:04:00.7.0.6, 2861N:5708E, h16km, 5km, ML4.0. TEH 25 10:04:01.2, 2842N:5709E, h6km, M4.0. NEIC 25 10:04:01.2, 2842N:5709E, h7km, mb4.2/4, ML4.0(THR), h14.0(TEH), After TEH

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BNDS Bandar-Abbas, KRBR Kerman, IBAF Bafgh, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ISAD Sadrabad, IDEH Itehad, IDAH IDAH, HOQ Hoqain, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ISFR Esferayan, ISFR Esferayan, MIB Mutribah, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BRTR Keskin Array B, BR131 Keskin Array S, BR131 Keskin Array S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BVAR Borovoye Array, MKAR Makanchi Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKASG Malin Array Be, KMBO Klilma Mboyo, GERES GERES Array B, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BUM Brajici-Budva, TTTG Podgorica, PTVG Plav, etc.

CSEM 25 11:56:03.9.0.0.4047N.2902E, h15km, ML3.7, Error ellipse: s-maj=1.4km s-min=0.9km az=7.0

MOS 25 11:56:03.5.0.9.4045N.2903E, h19km, mb4.0/2, Error ellipse: s-maj=10.0km s-min=6.5km az=95.6

NEIC 25 11:56:03.9.0.4045N.2902E, h15km, ML3.9

THE 25 11:56:04.3.4042N.2900E, h10km

ISCJB 25 11:56:04.2.0.3.4048N.002.2904E.002, h12km, 2km, Error ellipse: s-maj=3.3km s-min=2.8km az=12.1

ISC 25 11:56:04.7.0.3.4047N.002.2901E.002, h9km, 2km, n113, 0.996/137, 11C-8D, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GEMT Gemlik, YLV Yalova, ULDT Uludag, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like IZM Izmir, JMB Yambol, DENT Denizli, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KLBR Kellerberrin, MKAR Makanchi Array, etc.

IDC 25 11:56:43.0.2.1.2914N.14041E, h0km, mb3.6/2, mb1.3/3.4, mb1mx3.4/21, mb2mx3.6/4, ML3.9/2, MS3.0/2, Ms1.3/0.2, ms1mx2.5/27, Error ellipse: s-maj=56.9km s-min=27.9km az=64.0, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CBJH Chichi jima, CBU Chkalovo, etc.

NNC 25 12:17:51.9.3.1.5684N.6036E, h31km, 24km, mb3.6, mpv3.2, 13C-5D, Error ellipse: s-maj=22.7km s-min=10.1km az=156.0, Ural Mountains region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ZRNK Zerenda, ZRNK Chkalovo, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AKTO Aktyubinsk, AKTO Chkz, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BVAO Borovoye Array, BVAO Borovoye Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BVAR Borovoye Array, BVAR Borovoye Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like VOSK Vostochaya, VOSK Vostochaya, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AB31 Akbulak array, AB31 Akbulak array, etc.

IDC 25 12:24:41.7.3.9.748N.9192E, h0km, mb3.5/4, mb1.3/6.4, mb1mx3.5/20, mbtmp3.9/13, Error ellipse: s-maj=147.3km s-min=25.6km az=64.0, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, SONM Songoing Array, etc.

IDC 25 12:43:30.5.3.0.1504S.17746W, h0km, mb3.9/3, mb1.4/3.3, mb1mx3.9/13, mbtmp3.9/3, Error ellipse: s-maj=119.0km s-min=32.4km az=158.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WB2 Warramunga Arr, WRA Warramunga Arr, etc.

IDC 25 12:47:59.0.1.0.090N.97.17E, h0km, mb4.2/10, mb1.4/3.1, mb1mx4.1/21, mbtmp4.2/11, ML3.2/1, Error ellipse: s-maj=36.0km s-min=19.5km az=49.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PSI Prapat, PSI Prapat, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like Beijing, Lanzhou, Matsushiro Arr, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like Chichi jima, Guam, Asahikawa, etc.

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

ISCJB 25 16:30:34.6: 1.0, 198S:02:177W:03, h613km, 35km, mb4.3/6, Error ellipse: s-maj=38.8km s-min=24.3km az=48.2

25d 18h

Table with columns for call sign, name, frequency, and other details. Includes entries like D13A Huson, C14A Swan Lake, K06A Valley Falls, etc.

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Table with columns for call sign, name, frequency, and other details. Includes entries like SJPF Ste Jean, LDF La Druitiere, LDF La Druitiere, etc.

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Table with columns for call sign, name, frequency, and other details. Includes entries like HAU comp=Z,21nm,1.1s,mb5.1, CABF La Chapelle, CABF La Chapelle, etc.

Table with columns: ID, 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 Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

Table with columns: Code, 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 Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

Table with columns: ID, 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 Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl.

Table with columns: STKA, Stephens Creek, 47.13 159 P, P, 00 49 41.2 +0.1, etc. Includes various station names and coordinates.

Table with columns: FINES, FINESS Array B, 82.95 331 P, P, 00 53 32.4 -1.2, etc. Includes various station names and coordinates.

Table with columns: WB2, Warramunga Arr, 33.78 162 eP, P, 00 50 30.9 -1.1, etc. Includes various station names and coordinates.

NEIC 26 00:44:41.3, 3502Sx7054W, h21km, ML2.6(GUC), After

Table with columns: GUC, 26 00:44:41.3, 0.5, 3502S-7054W, h21km, etc. Includes station names and coordinates.

IDC 26 01:06:06.5, 0.9, 469N-12600E, h0km, mb3.8/8, mb1 3.9/8, etc.

Table with columns: IDC, 26 01:06:06.5, 0.9, 469N-12600E, h0km, etc. Includes station names and coordinates.

NEIC 26 01:06:08.0, 0.4, 474N-12599E, h10km, mb4.1/4, Error ellipse: s-maj=16.3km s-min=7.5km az=60.0

Table with columns: NEIC, 26 01:06:08.0, 0.4, 474N-12599E, h10km, etc. Includes station names and coordinates.

ISCJB 26 01:06:09.6, 0.6, 468N-1010x1259E.01, h33km, mb3.8/11, Error ellipse: s-maj=21.5km s-min=9.9km az=119.1

Table with columns: ISCJB, 26 01:06:09.6, 0.6, 468N-1010x1259E.01, h33km, etc. Includes station names and coordinates.

ISC 26 01:06:11.9, 0.6, 471N-1010x1259E.01, h35km, n18, s=051/16, mb3.8/11, Talau Islands

Table with columns: ISC, 26 01:06:11.9, 0.6, 471N-1010x1259E.01, h35km, etc. Includes station names and coordinates.

CASC 26 01:16:15.9, 2.6, 1262N-8829W, h70km, ML3.6, MD3.6, ML3.6, 10C-9D, Off coast of central America

Table with columns: CASC, 26 01:16:15.9, 2.6, 1262N-8829W, h70km, etc. Includes station names and coordinates.

IDC 26 00:43:47.6, 0.8, 1245N-12384E, h0km, mb4.0/8, mb1 4.2/8, mb1mx4.0/20, mbtrmp4.0/8, Error ellipse: s-maj=57.5km s-min=19.1km az=67.0

ISCJB 26 00:43:51.7, 0.7, 1237N-12377E.006, h44km, 7km, mb4.3/14, Error ellipse: s-maj=9.7km s-min=6.3km az=7.5

MAN 26 00:43:51.2, 1234N-12379E, h27km, mb2.8, ML4.2, MS2.9

NEIC 26 00:43:52.6, 0.5, 1244N-12379E, h35km, mb4.4/6, Error ellipse: s-maj=23.4km s-min=8.3km az=75.0

ISC 26 00:43:50.1, 2.9, 1239N-12376E.006, h17km, 19km, n25, s=085/29, mb4.3/14, 2C-1D, Luzon

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, etc. Includes various station names and coordinates.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Sonseca Array, Quesada, Berja, Chichauoa, Guadarrama, etc.

CSEM 26 04:58:34.2, 3715N, 2078E, h10km, MD3.5/3, After ATH
ATH 26 04:58:34.2, 3715N, 2078E, h10km, MD3.5/3, Ionian Sea

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LAVA3, IDC 26 05:37:06.0, etc.

ISCJB 26 05:43:53.0, 4.1855N, 007:4659W, h0km, mb4.1/15, mb1 4.3/16, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BOSA, KMBO, VNA2, etc.

NEIC 26 06:05:20.2, 3644S, 7379W, h41km, MD3.9(GUC), After GUC

GUC 26 06:05:20.2, 3644S, 7379W, h41km, MD3.9, ML2.9, 2C, Near coast of central Chile

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

IDC 26 06:33:42.2, 1.8, 525N, 12645E, h0km, mb3.7/5, mb1 3.9/5, etc.

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

ISCJB 26 06:34:29.7, 0.2, 4609N, 1349E, h9km, 1km, MD2.6/4, etc.

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

ISC 26 06:34:30.1, 0.4, 4605N, 002:1342E, h13km, 3km, n50, etc.

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

26d 9h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GORS Gorjuse, PLRO Paularo, ZOU Zoufplan, etc.

SKO 26 07:10:53.6, 4046N:1961E, h0km
CSEM 26 07:10:55.7, 4063N:1978E, h12km, ML3.5, Error ellipse: s-maj=2.2km s-min=1.4km az=77.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like VLO Vlora, TPE Tepelena, TIR Tirane, etc.

NEIC 26 07:30:42.4, 3806S:17606E, h261km, MG4.4(WEL), After WEL
WEL 26 07:30:42.2, 40.3796S:17601E, h2577km, 4km, ML4.3/19, 1C, Error ellipse: s-maj=7.4km s-min=7.3km az=0.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like URZ Urewera, TWZ Taurewa, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WPVZ Whakapapa, TUZV Tukino, FWWZ Far West T-bar, etc.

ISCJB 26 07:42:21.8, 6.5, 13S:0.1x1232E:0.1, h2km, 42km, mb4.0/9, MS3.3/1, Error ellipse: s-maj=24.1km s-min=12.1km az=104.5

ICD 26 07:42:22.8, 1.7, 063S:12433E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.5/16, mbtmp3.4/3, MS3.3/1, Ms1 3.6/1, ms1mx2.5/10, Error ellipse: s-maj=187.6km s-min=25.4km az=63.0

NEIC 26 07:42:26.9, 2.9, 127S:12322E, h24km, 21km, mb4.3/6, Error ellipse: s-maj=13.2km s-min=6.5km az=53.0

ISC 26 07:42:27.4, 4.8, 13S:0.1x1233E:0.1, h26km, 35km, h25km, 1.5km, pP-P, n16, 0.65/15, mb4.0/9, MS3.3/1

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

ISCJB 26 07:48:43.2, 1.2, 04S:0.1x1249E:0.3, h10km, mb3.8/6, MS3.6/1, Error ellipse: s-maj=37.2km s-min=17.9km az=162.0

ICD 26 07:48:43.8, 1.8, 046S:12490E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.6/16, mbtmp3.6/4, MS3.6/1, Ms1 3.6/1, ms1mx2.5/22, Error ellipse: s-maj=277.7km s-min=23.2km az=63.0

NEIC 26 07:48:45.2, 0.9, 041S:12502E, h10km, mb3.8/1, Error ellipse: s-maj=29.4km s-min=13.3km az=79.0

ISC 26 07:48:45.1, 1.2, 04S:0.1x1250E:0.3, h10km, n7, 0.08/13, mb3.8/6, MS3.6/1, Southern Molucca Sea

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

CSEM 26 08:13:42.8, 4093N:2277E, h10km, MD3.5/3, After ATH
ATH 26 08:13:42.8, 4093N:2277E, h10km, MD3.5/3, Greece

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PLG Polygyros, KZN Kozani, RDO Rodhopi.

IDC 26 08:33:37.7, 1.9, 144AN:9307W, h0km, mb4.1/9, mb1 4.3/11, mb1mx4.1/23, mbtmp4.1/11, ML3.6/2, MS3.8/2, Ms1 3.8/2, ms1mx3.0/26, Error ellipse: s-maj=66.8km s-min=16.9km az=45.0

ISCJB 26 08:33:50.3, 1.7, 152N:0.1x9346W:0.05, h60km, 10km, mb4.0/9, MS3.7/2, Error ellipse: s-maj=20.7km s-min=7.5km az=12.4

NEIC 26 08:33:52.7, 1515N:9343W, h64km, MD4.5(MEX), After MEX
MEX 26 08:33:52.3, 0.4, 1523N:9340W, h94km, 14km, MD4.5

ISC 26 08:33:58.6, 2.4, 149N:02-9336W:0.06, h47km, 13km, n33, c1852/43, mb4.0/9, MS3.8/2, Near coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CCGI Comitan, CMIG Matias Romero, etc.

NEIC 26 08:46:00, 3770N:14180E, h50km, Mw3.6 Best double couple: M2.64000x1014 NP1.8x18.00000, 872.00000, 7.79.00000, NP2.229.00000, 821.00000, 1.120.00000

NEIC 26 08:46:08.8, 37.71N:14181E, h39km, mb3.9/2, After JMA
JMA 26 08:46:08.0, 1.3, 3771N:14181E, h39km, 2km, MS3.6/7D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JFK Kawauchi, JFM Marumori, etc.

IDC 26 08:59:32.4, 2.8, 305S:10088E, h0km, mb3.8/6, mb1 3.9/6, mb1mx3.7/20, mbtmp3.8/6, Error ellipse: s-maj=129.2km s-min=21.3km az=54.0

ISCJB 26 08:59:35.4, 1.1, 305S:02-1009E:0.2, h33km, mb3.9/7, Error ellipse: s-maj=31.9km s-min=14.6km az=97.8

NEIC 26 08:59:37.1, 0.8, 302S:10092E, h10km, mb4.0/1, Error ellipse: s-maj=24.4km s-min=11.9km az=49.0

ISC 26 08:59:38.0, 1.1, 305S:02-1009E:0.2, h35km, n12, 0.08/43/11, MS3.9/7, Southern Sumatra

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like GYA, GYA, GYA, etc., with various technical specifications.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LZH, LZH, LZH, etc., with various technical specifications.

Table with columns for station name, frequency, power, and other technical details. Includes stations like HAU, HAU, HAU, etc., with various technical specifications.

ISCJB 26 13:00:55.1±0.5, 371.1N, 005°13'36"E, 0.1, h265km, 4km, mb3.4/7, Error ellipse: s-maj=15.7km s-min=8.5km az=177.9

IDC 26 13:00:56.1±0.6, 371.3N, 137.75E, h261km, 6km, mb3.2/7, mb1 3.4/9, mb1mx3.2/25, mb2mx3.9/9, Error ellipse: s-maj=26.5km s-min=10.2km az=80.0

JMA 26 13:00:56.9±0.2, 370.6N, 137.34E, h251km, 2km, M3.1

ISC 26 13:00:56.1±0.5, 370.7N, 006°13'55"E, 0.1, h257km, 4km, n18, e0672/50, mb3.4/7, Near West coast of eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JSZ Suzu, JTT Tatesu, MAT Matsushiro, MJAR Matsushiro Arr, etc.

IDC 26 13:03:55.8±7.5, 34625x17942W, h46km, 70km, mb3.9/3, mb1 4.0/4, mb1mx3.7/14, mbtmp4.1/4, ML3.9/1, MS4.1/1, Ms1 4.1/1, ms1mx2.9/25, Error ellipse: s-maj=61.6km s-min=55.1km az=118.0

NEIC 26 13:03:58.3±5.4, 34955x17939W, h80km, 4km, mb4.1/1, Error ellipse: s-maj=63.7km s-min=36.3km az=202.0

ISC 26 13:03:55.6±1.8, 3525°02'-178W, 03, h105km, 21km, n25, e1907/37, mb4.0/4, East of North Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MXZ Matakaoa Point, PUK Puketiti, MWW Matawai, URZ Urewera, etc.

IDC 26 13:28:46.2±9.3, 686S, 15185E, h76km, 67km, mb3.2/3, mb1 3.4/4, mb1mx3.2/13, mbtmp3.6/4, ML2.9/1, Error ellipse: s-maj=112.9km s-min=62.5km az=162.0, New Britain region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, etc.

ISCJB 26 13:33:04.9±0.8, 4351N, 003°45'26"E, 0.04, h4km, 5km, Error ellipse: s-maj=5.6km s-min=5.1km az=161.3

MOS 26 13:33:08.0±0.6, 4342N, 4539E, h16km, mb4.0/1, Error ellipse: s-maj=10.1km s-min=7.3km az=171.5

MOS Feil (H) at Groznyj

CSEM 26 13:33:08.1, 4342N, 4539E, h16km, mb4.0, After OBN

ISC 26 13:33:06.0±0.7, 4349N, 003°45'58"E, 0.04, h10km, 4km, n28, e0112/50, 3C-1D, Eastern Caucasus

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TRKR Terskaya, SNJR Sundja, BTKR Batakoyurt, etc.

Table with columns: ZEI, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ZEI comp=Z,111nm,0.2s, ZEI Tsey, etc.

CSEM 26 13:42:21.0, 3703N, 2059E, h4km, MD3.7/4, After ATH

ATH 26 13:42:21.0, 3703N, 2059E, h4km, MD3.7/4, Ionian Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ITM Ithomi, RLS Riolos of Patr, etc.

IDC 26 13:48:54.5±2.0, 509N, 12563E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.6/18, mbtmp3.6/4, Error ellipse: s-maj=124.8km s-min=24.2km az=58.0, Mindanao

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

ISCJB 26 13:57:13.7±0.7, 1820N, 009°76'70"W, 0.05, h27km, 11km, Error ellipse: s-maj=15.5km s-min=7.3km az=142.9

JSN 26 13:57:15.1±0.6, 1810N, 7668W, h22km, 2km, MD2.9

SSNC 26 13:57:18.2, 1836N, 7652W, h5km, MD3.0, ML2.8

ISC 26 13:57:14.0±0.6, 1818N, 008°76'70"W, 0.05, h25km, 9km, n8, e091/13, 3C-2D, Jamaica region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like STH Stony Hill, CMJ Castle Mountai, etc.

CSEM 26 13:58:59.5, 3705N, 2072E, h10km, MD3.6/3, After ATH

ATH 26 13:58:59.5, 3705N, 2072E, h10km, MD3.6/3, Ionian Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like VLS Valsamata, RLS Riolos of Patr, etc.

NIED 26 13:59:00, 2480N, 12530E, h41km, Mw4.3 Best double couple: M3.23000x1015 NP1.454.00000, 872.00000, 7.99.00000, NP2.4198.00000, 820.00000, 7.64.00000

JMA 26 13:59:37.3±8.0, 2481N, 12541E, h50km, 1km, M4.5

JMA Feil III, H

ISCJB 26 13:59:34.5±0.3, 2484N, 004°12'53'E, 0.03, h53km, 2km, mb4.4/36, MS3.4/9, Error ellipse: s-maj=8.1km s-min=3.7km az=119.8

MOS 26 13:59:34.1±0.9, 2475N, 12505E, h46km, mb4.9/5, Error ellipse: s-maj=17.3km s-min=9.4km az=112.0

BUI 26 13:59:35.3, 2504N, 12533E, h45km, mb4.4, mb4.3, Ms4.2, Ms3.9

IDC 26 13:59:35.0±0.7, 2482N, 12530E, h45km, 8km, mb4.0/18, mb1 4.1/19, mb1mx4.0/26, mbtmp4.2/19, ML3.6/1, MS3.2/7, Ms1 3.2/7, ms1mx2.9/34, Error ellipse: s-maj=16.2km s-min=11.0km az=119.0

NEIC 26 13:59:37.1±0.8, 2478N, 12527E, h60km, 7km, mb4.5/14, MW4.3(NIED), Error ellipse: s-maj=7.8km s-min=7.5km az=109.0

Table with columns: IRIF, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IRIF Iriomote-Funau, HATJ Hateruma jima, etc.

CSEM 26 13:42:21.0, 3703N, 2059E, h4km, MD3.7/4, After ATH

ATH 26 13:42:21.0, 3703N, 2059E, h4km, MD3.7/4, Ionian Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ITM Ithomi, RLS Riolos of Patr, etc.

IDC 26 13:48:54.5±2.0, 509N, 12563E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.6/18, mbtmp3.6/4, Error ellipse: s-maj=124.8km s-min=24.2km az=58.0, Mindanao

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

ISCJB 26 13:57:13.7±0.7, 1820N, 009°76'70"W, 0.05, h27km, 11km, Error ellipse: s-maj=15.5km s-min=7.3km az=142.9

JSN 26 13:57:15.1±0.6, 1810N, 7668W, h22km, 2km, MD2.9

SSNC 26 13:57:18.2, 1836N, 7652W, h5km, MD3.0, ML2.8

ISC 26 13:57:14.0±0.6, 1818N, 008°76'70"W, 0.05, h25km, 9km, n8, e091/13, 3C-2D, Jamaica region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like STH Stony Hill, CMJ Castle Mountai, etc.

CSEM 26 13:58:59.5, 3705N, 2072E, h10km, MD3.6/3, After ATH

ATH 26 13:58:59.5, 3705N, 2072E, h10km, MD3.6/3, Ionian Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like VLS Valsamata, RLS Riolos of Patr, etc.

NIED 26 13:59:00, 2480N, 12530E, h41km, Mw4.3 Best double couple: M3.23000x1015 NP1.454.00000, 872.00000, 7.99.00000, NP2.4198.00000, 820.00000, 7.64.00000

JMA 26 13:59:37.3±8.0, 2481N, 12541E, h50km, 1km, M4.5

JMA Feil III, H

ISCJB 26 13:59:34.5±0.3, 2484N, 004°12'53'E, 0.03, h53km, 2km, mb4.4/36, MS3.4/9, Error ellipse: s-maj=8.1km s-min=3.7km az=119.8

MOS 26 13:59:34.1±0.9, 2475N, 12505E, h46km, mb4.9/5, Error ellipse: s-maj=17.3km s-min=9.4km az=112.0

BUI 26 13:59:35.3, 2504N, 12533E, h45km, mb4.4, mb4.3, Ms4.2, Ms3.9

IDC 26 13:59:35.0±0.7, 2482N, 12530E, h45km, 8km, mb4.0/18, mb1 4.1/19, mb1mx4.0/26, mbtmp4.2/19, ML3.6/1, MS3.2/7, Ms1 3.2/7, ms1mx2.9/34, Error ellipse: s-maj=16.2km s-min=11.0km az=119.0

NEIC 26 13:59:37.1±0.8, 2478N, 12527E, h60km, 7km, mb4.5/14, MW4.3(NIED), Error ellipse: s-maj=7.8km s-min=7.5km az=109.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GUN Gumba, PKI Pulchika, etc.

FIAM	Fiamignano	3.91 334	iPg	Pn	14 29 42.1 +2.3
FIAM	Fiamignano	3.91 334	P	Pn	14 29 42.0 +2.2
IGT	Igoumeitsa	3.92 77	ePn	Pn	14 29 33.6 +6.6
IGT	Igoumeitsa	3.92 77	ePn	Pn	14 29 35.0 -3.3
TERO	Teramo	4.09 341	iPg	Pn	14 29 44.0 +2.0
LKD	Levkas	4.11 89	ePn	Pn	14 29 41.4 -0.8
LKD	Levkas	4.11 89	ePn	Pn	14 29 41.0 -4.0
VLS	Valsamata	4.12 97	ePn	Pn	14 29 41.0 -1.3
VLS	Valsamata	4.12 97	P	Pn	14 29 41.6 -0.7
MNS	Montasola	4.17 331	iPg	Pn	14 29 44.6 +1.7
MNS	Montasola	4.17 331	P	Pn	14 29 44.3 +1.4
MNS	Montasola	4.17 331	iPg	Pn	14 29 44.6 +1.7
TOLFA	Tolfa	4.20 323	iPg	Pn	14 29 44.5 +1.3
LNSS	Leonessa	4.24 336	iPg	Pn	14 29 46.0 +2.3
TIR	Tirane	4.29 44.1	-0.4	Pn	14 29 44.1 -0.4
TIR	Tirane	4.29 52	iPn	Pn	14 29 44.1 -0.4
TIR	Tirane	4.29 52	ePn	Pn	14 29 44.1 -0.4
TIR	Tirane	4.29 52	ePn	Pn	14 29 44.1 -0.4
TIR	Tirane	4.29 52	ePn	Pn	14 29 44.1 -0.4
JAN	Janina	4.33 76	ePn	Pn	14 29 44.0 -0.9
JAN	Janina	4.33 76	P	Pn	14 29 45.3 +0.4
ULC	Ulcinj	4.35 41	iPn	Pn	14 29 44.1 -1.0
OFFI	Offida	4.37 343	iPg	Pn	14 29 35.3 -2.5
OFFI	Offida	4.37 343	iPg	Pn	14 29 47.5 +2.5
HCY	Herceg Novi	4.37 343	iPn	Pn	14 29 44.6 -0.9
HCY	Herceg Novi	4.37 343	ePn	Pn	14 29 36.3 -2.1
BUM	Brajci-Budva	4.43 361	iPn	Pn	14 29 45.6 -0.6
BUM	Brajci-Budva	4.43 361	ePn	Pn	14 29 37.6 -2.0
STON	Ston	4.46 22	iP	S	14 29 46.4 -0.1
STON	Ston	4.46 22	iP	S	14 29 39.0 -1.4
TREB	Trebinje	4.54 29	P	Pn	14 29 47.1 -0.5
KBN	Korca	4.56 64	iPn	Pn	14 29 48.1 +0.4
KBN	Korca	4.56 64	ePn	Pn	14 29 48.1 +0.4
KBN	Korca	4.56 64	ePn	Pn	14 29 48.1 +0.4
KBN	Korca	4.56 64	ePn	Pn	14 29 37.3 -5.2
TTG	Podgorica	4.70 381	iPn	Pn	14 29 49.0 -0.5
TTG	Podgorica	4.70 381	ePn	Pn	14 29 43.4 -2.3
LATE	Laterza	4.72 326	iPg	Pn	14 29 51.7 +2.0
LATE	Laterza	4.72 326	P	Pn	14 29 51.6 +1.9
VSL	Villasalto	4.74 281	iPg	Pn	14 29 50.5 +0.5
VSL	Villasalto	4.74 281	iPg	Pn	14 29 47.7 +1.1
VSL	Villasalto	4.74 281	iPn	Pn	14 29 50.1 +0.2
VSL	Villasalto	4.74 281	iPg	Pn	14 29 50.5 +0.5
VSL	Villasalto	4.74 281	iPg	Pn	14 29 45.6 -0.9
VSL	Villasalto	4.74 281	iPg	Pn	14 29 47.7 +1.1
VSL	Villasalto	4.74 281	iPn	Pn	14 29 50.1 +0.1
VSL	Villasalto	4.74 281	iPg	Pn	14 29 50.5 +0.5
VSL	Villasalto	4.74 281	iPg	Pn	14 29 47.7 +1.1
DGI	Dorgali Grotta	4.74 291	iPg	Pn	14 29 50.3 +0.3
DGI	Dorgali Grotta	4.74 291	iPg	Pn	14 29 47.5 +0.9
DGI	Dorgali Grotta	4.74 291	P	Pn	14 29 50.2 +0.2
DGI	Dorgali Grotta	4.74 291	P	Pn	14 29 47.5 +0.9
PUK	Puka	4.75 45	iPn	Pn	14 29 49.9 -0.2
PUK	Puka	4.75 45	iPn	Pn	14 29 40.3 -6.5
PUK	Puka	4.75 45	ePn	Pn	14 29 49.9 -0.2
OHR	Ohrid	4.77 59	ePn	Pn	14 29 46.1 -1.2
OHR	Ohrid	4.77 59	iPn	Pn	14 29 49.7 -0.6
OHR	Ohrid	4.77 59	iPn	Pn	14 29 49.7 -0.7
OHR	Ohrid	4.77 59	iPn	Pn	14 29 46.1 -1.2
OHR	Ohrid	4.77 59	iPn	Pn	14 29 52.3 +1.9
ASS	Assisi	4.77 335	P	Pn	14 29 52.3 +1.9
ASS	Assisi	4.77 335	P	Pn	14 29 52.3 +1.8
BRY	Bratogost	4.78 29	iPn	Pn	14 29 50.2 -1.0
BRY	Bratogost	4.78 29	iPn	Pn	14 29 50.2 -1.0
RLS	Riolos of Patr	4.82 96	ePn	Pn	14 29 51.4 +0.4
RLS	Riolos of Patr	4.82 96	ePn	Pn	14 29 51.4 +0.4
PHP	Peshkopia	4.84 51	iPn	Pn	14 29 51.0 -0.3
PHP	Peshkopia	4.84 51	iPn	Pn	14 29 44.2 -4.7
PHP	Peshkopia	4.84 51	ePn	Pn	14 29 51.0 -0.3
PHP	Peshkopia	4.84 51	ePn	Pn	14 29 44.2 -4.7
SACS	San Casciano d	4.87 328	iPg	Pn	14 29 53.3 +2.2
NKY	Niksic	4.88 33	iPn	Pn	14 29 51.6 -0.2
NKY	Niksic	4.88 33	iPn	Pn	14 30 48.0 -2.0
MAON	Monte Argentar	4.89 320	iPg	Pn	14 29 53.4 +1.5
MAON	Monte Argentar	4.89 320	iPg	Pn	14 30 51.9 +1.8
CING	Cingoli	4.90 341	iPg	Pn	14 29 53.3 +1.3
CING	Cingoli	4.90 341	iPg	Pn	14 29 53.2 +1.2
CING	Cingoli	4.90 341	iPg	Pn	14 29 53.0 +0.7
AOI	Ancona	4.92 345	iPg	Pn	14 29 53.5 +1.6
AOI	Ancona	4.92 345	iPg	Pn	14 29 53.5 +1.6
AOI	Ancona	4.92 345	P	Pn	14 29 53.5 +1.6
MURB	Monte Urbino	4.99 335	iPg	Pn	14 29 55.1 +1.8
MURB	Monte Urbino	4.99 335	iPg	Pn	14 29 55.0 +1.8
EVR	Ervyrtiana	5.01 86	ePn	Pn	14 29 53.0 -0.4
EVR	Ervyrtiana	5.01 86	ePn	Pn	14 29 55.0 +1.6
FNA	Florina	5.03 64	ePn	Pn	14 29 53.1 -0.9
ARCI	Arcofidiso	5.05 325	iPg	Pn	14 29 56.3 +2.4
BCI	Bajram Curri	5.06 43	iPn	Pn	14 29 54.5 +0.5
BCI	Bajram Curri	5.06 43	iPn	Pn	14 29 53.1 -0.9
BCI	Bajram Curri	5.06 43	ePn	Pn	14 29 54.5 +0.5
BIA	Bitola	5.09 62	ePn	Pn	14 29 53.1 -0.9
BIA	Bitola	5.09 62	ePn	Pn	14 29 53.6 -0.7
BIA	Bitola	5.09 62	iPn	Pn	14 29 53.6 -0.7
BIA	Bitola	5.09 62	iPn	Pn	14 29 42.6 -1.2
KZN	Kozani	5.17 71	ePn	Pn	14 29 55.0 -0.3
KZN	Kozani	5.17 71	ePn	Pn	14 29 57.1 +1.9
UPM	Unac-Piva	5.17 30	iPn	Pn	14 29 55.6 +0.2
UPM	Unac-Piva	5.17 30	iPn	Pn	14 29 54.6 -1.9
PVY	Plav	5.17 41	iPn	Pn	14 29 55.4 -0.2
PVY	Plav	5.17 41	iPn	Pn	14 29 55.6 +0.2
KRUS	Krusovo	5.21 79	ePn	Pn	14 29 56.0 +0.2
KRUS	Krusovo	5.21 79	ePn	Pn	14 29 58.4 +1.8
CDCA	Citt' di Caste	5.26 334	P	Pn	14 29 58.5 +1.9
CDCA	Citt' di Caste	5.26 334	P	Pn	14 29 59.0 +1.9
BADI	Badijali	5.31 334	iPg	Pn	14 29 58.9 +1.8
BADI	Badijali	5.31 334	iPg	Pn	14 29 58.9 +1.7
FSSB	Fossombrone	5.31 339	iPg	Pn	14 29 57.9 +0.4
FSSB	Fossombrone	5.31 339	iPg	Pn	14 30 58.0 -2.3
IVA	Berane	5.34 38	iPn	Pn	14 29 57.9 +0.4
IVA	Berane	5.34 38	iPn	Pn	14 29 57.9 +0.4
ITM	Ithomi	5.40 105	ePn	Pn	14 29 57.9 +0.4
ITM	Ithomi	5.40 105	P	Pn	14 29 56.5 -1.7
AGG	Agios Georgios	5.42 85	ePn	Pn	14 29 59.8 +0.6
PLE	Pilejvija	5.47 32	iPn	Pn	14 29 59.8 +0.6
PLE	Pilejvija	5.47 32	iPn	Pn	14 30 01.2 +1.6
CRE	Capresse Michel	5.50 333	iPg	Pn	14 29 59.8 +0.6
GRFL	Gerfalco	5.51 324	iPg	Pn	14 30 01.7 +2.0
PESA	Pesaro	5.52 340	ePg	Pn	14 30 01.2 +1.4
PESA	Pesaro	5.52 340	ePg	Pn	14 30 01.2 +1.4
RSM	Repubblica di	5.62 338	iPg	Pn	14 30 03.4 +2.3
RSM	Repubblica di	5.62 338	iPg	Pn	14 30 02.1 +1.0
RSM	Repubblica di	5.62 338	iPg	Pn	14 30 03.4 +2.3
SKO	Skopje	5.62 53	iPn	Pn	14 30 01.2 +1.0
SKO	Skopje	5.62 53	iPn	Pn	14 30 01.1 +0.1
SKO	Skopje	5.62 53	iPn	Pn	14 30 03.4 +2.1
CSNT	Castellina Chi	5.65 328	iPg	Pn	14 30 01.1 -0.4
LIT	Litohoron	5.65 74	ePn	Pn	14 30 03.7 -3.8
LIT	Litohoron	5.65 74	ePn	Pn	14 30 03.4 +1.3
KEST	Kesra	5.69 240	P	S	14 30 09.8 +1.3
KEST	Kesra	5.69 240	P	S	14 30 09.8 +1.3
SFI	Santa Sofia	5.79 334	ePg	Pn	14 30 05.0 +1.8
SFI	Santa Sofia	5.79 334	ePg	Pn	14 30 04.9 +1.7
NVLJ	Novalja	5.81 356	iPn	Pn	14 30 03.8 +0.3
NVLJ	Novalja	5.81 356	iPn	Pn	14 30 09.5 -1.6

GRG	Griva	5.82 66	ePn	Pn	14 30 02.9 -0.7
COMF	Corte	5.92 309	P	Pn	14 30 05.9 +1.0
VRG	Vicchio	5.95 332	ePg	Pn	14 30 07.3 +2.0
VRG	Vicchio	5.95 332	ePg	Pn	14 30 07.4 +2.1
LKR	Lokris	5.95 89	P	Pn	14 30 04.0 -1.3
LKR	Lokris	5.95 89	P	Pn	14 30 05.6 +0.3
STIP	Stip	5.96 58	ePn	Pn	14 30 04.5 -1.0
STIP	Stip	5.96 58	iPn	Pn	14 30 04.5 -0.9
CRMI	Carmignano	6.00 328	iPg	Pn	14 30 08.7 +2.4
BRNS	Barisano	6.05 337	P	Pn	14 30 09.7 +3.1
VAY	Valandovo	6.07 63	ePn	Pn	14 30 05.7 -1.1
VAY	Valandovo	6.07 63	iPn	Pn	14 30 05.6 -1.2
SEI	Scarpéria	6.10 331	Pg	Pn	14 30 09.3 +2.1
SEI	Scarpéria	6.10 331	P	Pn	14 30 09.2 +2.0
XOR	Xorichter	6.10 82	ePn	Pn	14 30 06.9 -0.2
NEO	Neokhori	6.12 82	ePn	Pn	14 30 07.0 +0.3
NEO	Neokhori	6.12 82	P	Pn	14 30 06.3 -1.2
THE	Thessaloniki	6.13 70	eS	S	14 31 13.7 -4.8
PGF	Pioggia	6.16 310	ePn	Pn	14 30 08.4 +0.4
Pii	Pisa	6.17 325	iPg	Pn	14 30 10.3 +2.3
Pii	Pisa	6.17 325	P	Pn	14 30 10.2 +2.2
HORT	Horiaties	6.22 70	ePn	Pn	14 30 07.7 -1.0
HORT	Horiaties	6.22 70	ePn	Pn	14 31 17.1 -3.5
KNT	Kendrikon	6.24 65	ePn	Pn	14 30 08.4 +0.6
GROG	Isola di Gorgo	6.24 320	iPg	Pn	14 30 11.9 +1.9
GROG	Isola di Gorgo	6.24 320	iPg	Pn	14 31 23.8 +2.7
FNDV	Fontana Vidola	6.28 331	ePg	Pn	14 30 11.5 +2.0
FNDV	Fontana Vidola	6.28 331	ePg	Pn	14 30 11.6 +2.1
FNDV	Fontana Vidola	6.28 331	ePg	Pn	14 30 10.0 +0.1
VLI	Vellai	6.32 107	ePn	Pn	14 30 10.7 +0.8
VLI	Vellai	6.32 107	ePn	Pn	14 30 12.3 +2.1
MAIM	Maime	6.33 326	P	Pn	14 30 09.1 -1.2
BARJ	Barje	6.34 48	iPn	Pn	14 30 10.1 -0.2
BARJ	Barje	6.34 48	iPn	Pn	14 30 11.9 -0.4
DIVS	Divoleare	6.35 31	iPn	Pn	14 30 12.5 +2.1
PZZT	Monte Pizzetto	6.35 329	iPg	Pn	14 30 13.2 +2.2
BDI	Bagni Di Lucca	6.41 327	iPg	Pn	14 31 27.5 +2.6
BDI	Bagni Di Lucca	6.41 327	iPg	Pn	14 30 13.2 +2.2
PLG	Poljgyros	6.42 73	ePn	Pn	14 30 10.3 -1.1
PLG	Poljgyros	6.42 73	ePn	Pn	14 31 20.4 -5.0
PLG	Poljgyros	6.42 73	ePn	Pn	14 30 10.0 -1.3
SOH	Sokhos	6.46 69	ePn	Pn	14 30 11.4 -0.4
SOH	Sokhos	6.46 69	ePn	Pn	14 31 21.9 -4.3
ZCCA	Zocca	6.49 331	iPg	Pn	14 30 16.1 +3.9
ZCCA	Zocca	6.49 331	iPg	Pn	14 30 15.5 +3.3
ZCCA	Zocca	6.49 331	iPg	Pn	14 30 16.1 +3.9
GRUS	Gruza	6.50 36	iPn	Pn	14 30 11.9 -0.4
PAIG	Paliouri	6.53 77	ePn	Pn	14 30 11.4 -1.2
FIU	Minerbio Fiu	6.56 335	Pg	Pn	14 30 15.7 +2.6
FIU	Minerbio Fiu	6.56 335	Pg	Pn	14 30 15.1 +2.0
VLC	Villacollemand	6.58 327	iPg	Pn	14 30 15.7 +2.6
VLC	Villacollemand	6.58 327	iPg	Pn	14 30 15.4 +2.1
VLC	Villacollemand	6.58 327	iPg	Pn	14 30 15.2 +1.9
VLC	Villacollemand	6.58 327	iPg	Pn	14 30 15.4 +2.1
ATH	Athens Observa	6.59 94	ePn	Pn	14 30 13.4 -0.0
ATH	Athens Observa	6.59 94	ePn	Pn	14 30 13.2 -0.7
AOS	Aonissos	6.62 84	ePn	Pn	14 30 13.

26d 14h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Almerim, Jabal al Asfar, ASF, etc.

2006 OCT

Table with columns for station name, frequency, power, and other technical details. Includes stations like KIV, Kislovodsk, Stavanger, Edinburgh, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like PUL, Pulkovo, KAC, etc.

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like NATX, RWVW, MOOV, WMOK, ISCO, etc.

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like WPW, ERM, F07A, D04A, SAML, etc.

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like ANMO, COR, K07A, O12A, L08A, etc.

Table with columns: Station ID, Name, 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 Trend, Elevation Trend, Azimuth Stability, Elevation Stability, Azimuth Consistency, Elevation Consistency, Azimuth Reliability, Elevation Reliability, Azimuth Validity, Elevation Validity, Azimuth Usability, Elevation Usability, Azimuth Suitability, Elevation Suitability, Azimuth Feasibility, Elevation Feasibility, Azimuth Viability, Elevation Viability, Azimuth Availability, Elevation Availability, Azimuth Accessibility, Elevation Accessibility, Azimuth Inaccessibility, Elevation Inaccessibility, Azimuth Unavailability, Elevation Unavailability, Azimuth Inaccessibility, Elevation Inaccessibility, Azimuth Unavailability, Elevation Unavailability.

Table with columns: Station ID, Name, 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 Trend, Elevation Trend, Azimuth Stability, Elevation Stability, Azimuth Consistency, Elevation Consistency, Azimuth Reliability, Elevation Reliability, Azimuth Validity, Elevation Validity, Azimuth Usability, Elevation Usability, Azimuth Suitability, Elevation Suitability, Azimuth Feasibility, Elevation Feasibility, Azimuth Viability, Elevation Viability, Azimuth Availability, Elevation Availability, Azimuth Accessibility, Elevation Accessibility, Azimuth Inaccessibility, Elevation Inaccessibility, Azimuth Unavailability, Elevation Unavailability.

Table with columns: Station ID, Name, 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 Trend, Elevation Trend, Azimuth Stability, Elevation Stability, Azimuth Consistency, Elevation Consistency, Azimuth Reliability, Elevation Reliability, Azimuth Validity, Elevation Validity, Azimuth Usability, Elevation Usability, Azimuth Suitability, Elevation Suitability, Azimuth Feasibility, Elevation Feasibility, Azimuth Viability, Elevation Viability, Azimuth Availability, Elevation Availability, Azimuth Accessibility, Elevation Accessibility, Azimuth Inaccessibility, Elevation Inaccessibility, Azimuth Unavailability, Elevation Unavailability.

ISCJB 26 14:43:31.4 0.4 5.554S,008.266W,0.1, h10km, mb4.7/19, MS4.8/12, Error ellipse: s-maj=11.2km s-min=8.4km az=43.2

IDC 26 14:43:31.7 0.6 5.551S,2653W, h0km, mb4.5/12, mb1 4.6/13, mb1mx4.5/18, mbtmp4.5/13, ML3.6/1, MS4.8/11, Ms1 4.8/11, ms1mx4.6/24, Error ellipse: s-maj=19.3km s-min=15.9km az=28.0

BJJ 26 14:43:32.2 5.554S,2597W, h10km, mb5.1, Ms3.5, Msz4.9 NEIC 26 14:43:33.0 0.3 5.553S,2658W, h10km, mb4.8/15, Error ellipse: s-maj=10.1km s-min=7.6km az=199.0

GCMT 26 14:43:33.0 0.3 5.553S,2644W, h12km, MW5.2/48, Moment tensor: Scale 1.05Nm; Mb 6.1±.24; Mw 0.1±.23; Ms=5.6±.26; Mw=3.17±.71; Mw2 3.05±.18; Mw-0.01±.70; Best double couple: Mw7.26000+1.16e-05; NP1=3.76, 0.00000, 0.43, 0.00000, 1.12, 0.00000; NP2=0.317, 0.00000, 0.84, 0.00000, 1.65, 0.00000; Principal axes: T 7.8070, Plg69.0000, Azm170.0000; N -1.0940, Plg20.0000, Azm333.0000; P -6.7130, Plg6.0000, Azm65.0000; nsta1 refers to surface waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 26 14:43:33.0 0.0 4.5558S,012.266W,0.1, h10km, n58, c095937, mb4.7/19, MS4.8/12, 1C-1D, South Sandwich Islands region

Table with columns: Code, Station Name, 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 Trend, Elevation Trend, Azimuth Stability, Elevation Stability, Azimuth Consistency, Elevation Consistency, Azimuth Reliability, Elevation Reliability, Azimuth Validity, Elevation Validity, Azimuth Usability, Elevation Usability, Azimuth Suitability, Elevation Suitability, Azimuth Feasibility, Elevation Feasibility, Azimuth Viability, Elevation Viability, Azimuth Availability, Elevation Availability, Azimuth Accessibility, Elevation Accessibility, Azimuth Inaccessibility, Elevation Inaccessibility, Azimuth Unavailability, Elevation Unavailability.

Table of astronomical observations for 26d 16h, listing stations (OBN, SYO, UBN, etc.), station names, coordinates, and various parameters like elevation and signal strength.

Table of astronomical observations for 2006 OCT, listing stations (TORD, NVAR, ULM, etc.), station names, coordinates, and various parameters.

PRE 25:13:06.6 ± 1.1, 215.025-3321E, h5km, ML3.7, Mozambique

Table of astronomical observations for the Mozambique region, listing stations (MSNA, POGA, PRYS, etc.), station names, coordinates, and various parameters.

NEIC 26 15:15:26.3, 3345Sx7303W, h24km, ML3.1 (GUC), After GUC

GUC 26 15:15:26.3 ± 0.7, 3345S-7303W, h24km ± 3km, MD3.6, ML3.1-6C-2D, Off coast of central Chile

Table of astronomical observations for the Chile region, listing stations (LNV, PACH, RCDM, etc.), station names, coordinates, and various parameters.

ISCJB 26 15:41:51.6 ± 0.7, 12S:0.1x695E:0.1, h10km, mb4.3/16, MS4.2/1, Error ellipse: s-maj=19.4km s-min=13.3km az=76.7

ISC 26 15:41:52.4 ± 1.6, 123S:6986E, h0km, mb4.1/7, mb1.4/17, mb1mx3.8/22, mbtmp4.1/7, MS4.2/1, Ms1.4/2.1, ms1mx3.1/29, Error ellipse: s-maj=58.0km s-min=28.9km

NEIC 26 15:41:53.7 ± 0.6, 119S:6944E, h10km, mb4.4/10, Error ellipse: s-maj=16.9km s-min=11.3km az=130.0

ISC 26 15:41:53.7 ± 0.7, 12S:0.1x695E:0.1, h10km, n23, c088R22, mb4.3/16, MS4.2/1, Carlsberg Ridge

Table of astronomical observations for the Carlsberg Ridge region, listing stations (PALK, KULM, LSA, etc.), station names, coordinates, and various parameters.

ISC 26 15:54:35.0 ± 1.6, 251N-9579E, h0km, mb3.8/6, mb1.3/9.7, mb1mx3.7/21, mbtmp3.7/7, ML3.1/1, Error ellipse:

s-maj=46.3km s-min=19.3km az=48.0

ISCJB 26 15:54:38.0 ± 1.0, 25N:0.1x9577E:0.07, h33km, mb4.0/9, Error ellipse: s-maj=20.6km s-min=8.3km az=40.8

NEIC 26 15:54:39.5 ± 0.7, 254N:9585E, h30km, mb4.6/1, Error ellipse: s-maj=17.7km s-min=9.5km az=214.0

ISC 26 15:54:40.4 ± 1.0, 25N:0.1x9579E:0.08, h35km, n16, c0711/7, mb4.0/9, Off west coast of northern Sumatra

Table of astronomical observations for the Sumatra region, listing stations (PSI, KJRM, DMN, etc.), station names, coordinates, and various parameters.

CSEM 26 15:59:18.9 ± 0.1, 4108N:4410E, h2km, mb3.7, Error ellipse: s-maj=5.0km s-min=1.1km az=134.0

ISCJB 26 15:59:19.0 ± 0.8, 4121N:007.4404E:007, h3km, 9km, Error ellipse: s-maj=13.2km s-min=5.1km az=112.3

MOS 26 15:59:20.5 ± 0.6, 4112N:4409E, h31km, mb3.7/1, Error ellipse: s-maj=64.6km s-min=12.0km az=86.6

ISC 26 15:59:19.8 ± 0.7, 4119N:010.441E:01, h9km ± 12km, n11, c035/15, Western Caucasus

Table of astronomical observations for the Western Caucasus region, listing stations (TBLG, MTA, KARS, etc.), station names, coordinates, and various parameters.

ATH 26 16:07:33.2, 3974N-2120E, h23km, MD3.0/4, ISCJB 26 16:07:35.0 ± 0.6, 3966N:006:21.12E:005, h19km ± 12km, Error ellipse: s-maj=9.6km s-min=6.0km az=8.7

CSEM 26 16:07:35.1 ± 0.2, 3962N:21.11E, h25km, MD3.0, Error ellipse: s-maj=7.9km s-min=5.3km az=179.0

THE 26 16:07:35.3, 3964N:21.17E, h5km, ISC 26 16:07:34.9 ± 0.6, 3966N:004:2116E:004, h10km ± 11km, n14, c097/21, Greece

Table of astronomical observations for the Greece region, listing stations (JAN, IGT, IGT, etc.), station names, coordinates, and various parameters.

ISCJB 26 16:21:26.2 ± 0.2, 4301N:009.010W:006, h12km ± 19km, Error ellipse: s-maj=15.6km s-min=6.8km az=146.4

CSEM 26 16:21:26.8 ± 0.1, 4301N:0.10W, h8km, 1km, ML2.2, Error ellipse: s-maj=1.8km s-min=0.8km az=162.0

LDG 26 16:21:26.6 ± 0.0, 4301N:0.10W, h8km, ML1.4/2, Error ellipse: s-maj=1.1km s-min=0.5km az=167.0

STR 26 16:21:26.9 ± 0.1, 4301N:0.11W, h2km ± 1km, ML2.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 26 16:21:26.6 ± 1.7, 4301N:009.010W:006, h11km ± 17km, n6, c0506/12, Pyrenees

Table of astronomical observations for the Pyrenees region, listing stations (LABF, VIEF, EPP, etc.), station names, coordinates, and various parameters.

ISCJB 26 16:42:20.4 ± 0.6, 7654N:004:220E:02, h10km, Error ellipse: s-maj=6.8km s-min=5.0km az=139.5

CSEM 26 16:42:24.7 ± 0.6, 7657N:21.86E, h20km, ML3.3, Error ellipse: s-maj=29.9km s-min=6.1km az=70.0

NAO 26 16:42:24.5 ± 0.2, 7636N:2024E, h20km ± 18km, ML3.3

BER 26 16:42:25.0 ± 0.4, 7657N:2265E, h17km, MD2.5, ML3.1, ML3.3 (NAO)

ISC 26 16:42:21.7 ± 0.7, 7657N:004:222E:02, h14km ± 8km, n11, c19120/0, Svalbard region

Table of astronomical observations for the Svalbard region, listing stations (HOPEN, SPAO, SPAO, etc.), station names, coordinates, and various parameters.

26d 20h

Table with columns: FITZ, VANDA, MEX 26 19:26:33.9, 0.3, 1717N, 9997W, h50km, 5km, MD3.6, Guerrero

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

GUC 26 19:48:46.6, 0.7, 2811S, 7099W, h0km, 3km, MD4.0, ML4.2
ISCJB 26 19:48:47.3, 1.3, 2812S, 003, 705W, 0.1, h6km, 9km, mb3.9/1, Error ellipse: s-maj=15.4km s-min=5.1km az=6.6

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

IDC 26 19:49:25.1, 3.1, 9, 2866N, 14017E, h0km, mb3.2/2, mb1 3.4/4, mb1mx3.2/21, mbtm3.2/4, ML3.5/2, Error ellipse: s-maj=46.5km s-min=27.9km az=57.0, Bonin Islands region

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

MOS 26 19:55:28.7, 0.9, 5501N, 16244E, h21km, mb4.4/1, Error ellipse: s-maj=29.7km s-min=12.8km az=76.8
KRSC 26 19:55:28, 5504N, 16238E, h23km, ML4.3, Near east coast of Kamchatka Peninsula

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

IDC 26 20:07:53.9, 1.3, 5747N, 12094E, h0km, mb3.7/8, mb1 3.8/9, mb1mx3.7/24, mbtm3.7/9, ML2.9/1, MS3.2/2, Ms1 3.2/2, ms1mx2.8/32, Error ellipse: s-maj=37.4km s-min=21.9km az=64.3

ISCJB 26 20:07:54.3, 0.4, 5734N, 12021E, 0.04, h10km, mb3.6/9, MS3.4/1, Error ellipse: s-maj=6.7km s-min=2.9km az=172.8

MOS 26 20:07:55.0, 0.8, 5744N, 12049E, h10km, mb4.3/3, Error ellipse: s-maj=12.9km s-min=10.0km az=84.6
NEIC 26 20:07:55.9, 0.6, 5745N, 12080E, h10km, mb3.8/2, Error ellipse: s-maj=13.9km s-min=10.6km az=137.0

BYKL 26 20:07:55.1, 0.4, 5735N, 12057E, h1km, 15km, ISC 26 20:07:55.9, 0.3, 5739N, 12029E, 0.03, h10km, n15, r153/83, mb3.6/9, MS3.4/1, 3C, Southeastern Siberia

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

2006 OCT

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

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Table with columns: TRG, KLR, ULN, SONM, SEY, ZAL, MKAR, MKAR, MKAR, CHKZ, CHKZ, BVAR, BVAR, ARCES, FINES, FINES, NB2, NB2, GERES, WRA, WRA, ASAR, ASAR

CSEM 26 20:08:43.4, 0.1, 3589N, 3635E, h5km, Mc2.4, Error ellipse: s-maj=2.1km s-min=1.7km az=17.0

ISCJB 26 20:08:44.1, 0.5, 3589N, 002, 3635E, 0.04, h9km, 4km, Error ellipse: s-maj=5.6km s-min=3.6km az=31.3

NSSC 26 20:08:44, 3588N, 3632E, h15km, 2km, ISK 26 20:08:44, 1, 3589N, 3627E, h16km, MD3.1

GRAL 26 20:08:46.6, 4.2, 3613N, 3646E, h15km, MD3.4, ISC 26 20:08:44.2, 0.5, 3589N, 002, 3635E, 0.04, h5km, 5km, n26, c099/42, Jordan - Syria region

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

IDC 26 20:12:46.8, 70.0, 1768S, 17658E, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/12, mbtm3.9/3, Error ellipse: s-maj=1225.0km s-min=143.1km az=76.0, Fiji Islands region

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

ISCJB 26 20:43:17.5, 0.5, 3592N, 003, 3631E, 0.05, h7km, 4km, Error ellipse: s-maj=6.7km s-min=4.1km az=36.5

NSSC 26 20:43:17, 3589N, 3635E, h8km, 9km, CSEM 26 20:43:17, 2.0, 1, 3594N, 3635E, h8km, MD3.0, Error ellipse: s-maj=2.6km s-min=2.1km az=71.0

ISK 26 20:43:18.6, 3598N, 3611E, h20km, MD3.0, GRAL 26 20:43:19.7, 5.8, 3597N, 3650E, h0km, 999km, MD3.4

ISC 26 20:43:17.8, 0.6, 3593N, 003, 3632E, 0.05, h8km, 4km, n21, r151/49/1, ID, Jordan - Syria region

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

Table of astronomical observations for 26d 22h, listing station names, codes, and various parameters like time, frequency, and signal strength.

Table of astronomical observations for 2006 OCT, listing station names, codes, and various parameters like time, frequency, and signal strength.

Table of astronomical observations for 930, listing station names, codes, and various parameters like time, frequency, and signal strength.

26d 22h

Table with columns for station ID, name, frequency, and signal strength. Includes stations like PDAR Pinedale Array, PDAR Boulder Array, S09A Goldfield, P12A McGill, BGU Big Grassy Mou, SPUT South Promonto, AGM AGM, TPH Tonopah, R09A Tonopah, HELL Mitchell Peak, S08C White Mtn Res, MTUM Tungsten Hills, AHID Auburn Hatcher, N13A Wendover, HVU Hansel Valley, V04C Ramage Ranch, PKD Parkfield, MLAC Mammoth Lakes, KCC Kaiser Creek, R08A Mina, P10A Eureka, T06C Millerton Lake, REDW Red Top Meadow, SNOW Snow King Mount, N12A Clover Valley, NVAR Mina Array, NVAR Mina Array, LOHW Long Hollow, TPW Teton Pass, V03C Hunter Liggett, RR12 Red Ridge, R07C Lee Vining, M00W Moose Ponds, D01D Drake Creek, O10A Cortez Mining, M12A Wells, IMW Indian Meadow, S05C Merced, FLWY Flag Ranch, S06C San Francisco, HAST UC Hastings Res, O09A Fish Creek Ran, RLMT Red Lodge, WAKR Walker, R06C Coleville, SAO San Andreas Ge, P08A Dixie Valley, PACP Pacheco Peak, YFT Old Faithful, LAO Lasa Array, M11A Holland Ranch, CMB Columbia Colle, CMB Columbia Colle, ULM Lac du Bonnet, YNR Norris Junction, YMR Madison River, R05C Kirkwood Meado, M10A L.L. Ranch, T09A Rock Creek Ran, QLMT Earthquake Lak, R04C Fish Horse Ranc, WCN Washoe City, PAHR Pah Rah Range, O07A Toulon, N08A GE Springer Mi, LAVA Lava Cap Winer, DGMT Dagmar, M09A Marrel Ranch, HLD Halley, BDM Black Diamond, MCMT McKenzie Canyo.

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Table with columns for station ID, name, frequency, and signal strength. Includes stations like N07B Gerlach, BOZ Bozeman, BEKR Beckworth, L09A Wilkinson Ranc, DLMT Dill, Q03C Winters, CVM Carenet Viney, OHCM Honcut, N06A Buffalo Meadow, MCCM Marconi Confer, M00C Quincy, SUTB Sutter Butte, M07A Soldier Meadow, LRM Laramie Ridge, ORV Oroville, L08A Fields, K09A Rome, O04C Chester, ELFS Eagle Lake Fie, F14A Wisdom, WVOR Wild Horse Val, L07A Adell, M06C Likely Place G, K08A Mann Creek Ran, E15A Deer Lodge, HOPS Hopland, J09A Fry Pan Ranch, EGMT Eagleton, GASB Alder Springs, F13A Darby, HATC Hat Creek Raddi, E14A Clinton, K07A Rock Creek Ran, MOD Modoc, MOD Modoc, MOD Modoc, MOD Modoc, J08A Circle Bar Ran, P01C Double 8 Ranch, I09A Lost Marbles R, SHEL Horse Pasture, O02C Red Bluff, CHMT Chamberlain Mo, SCHO Schofieldville, SCHQ Schuchman, SCHO Schuchman, E13A Victor, WDC Whiskeytown Da, WDC Whiskeytown Da, WDC Whiskeytown Da, WDC Whiskeytown Da, L05A Lakeview, MSO Missoula, J07A Hines, I08A Drewsey, D14A Greenough, BMO Blue Mountains, M03C McClood, K06A Valley Falls, H09A Durkee, M04C Macdoel, J06A Christmas Vall, K05A Summer Lake, D13A Huson, N02C Big Bar, H08A Prairie City, L04A Klamath Falls, C14A Swan Lake, TBI Tubuai, YBH Yreka Blue Hor, YBH Yreka Blue Hor, YBH Yreka Blue Hor, KHMM Horse Mountain, K04A Chiquin, F10A Beach Ranch, E, I06A Prineville.

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Table with columns for station ID, name, frequency, and signal strength. Includes stations like C13A Hot Springs, J05A Fort Rock, F09A S2 Ranch, Elgi, H07A Lands Inn, Kim, BSMT Bassoo Peak, G08A Pilot Rock, C12A Trout Creek, B13A Whitefish, HUMO Hull Mountain, F08A Pendleton, PPT Papeete, PPT Papeete, PPT Papeete, PPT Papeete, VNA3 Neumayer Olymp, VNA3 Neumayer-Stat, VNA1 Neumayer-Stat, A13A Flathead Natio, K02A Glendale, J03A Idejly Park, B12A Libby, IRO Indian Ridge, G06A Carlson Farm, F07A Phinny Hill Vi, VNA2 Neumayer-Watz, VNA2 Neumayer-Watz, VNA2 Neumayer-Watz, D09A Jones Farm, Ri, C10A Spiker Farm, HAWA Hanford, BROR Big Rock Looko, J02A Umptau, B11A Sandpoint, G05A Wanic, A12A Yaak River Ran, GBL Gable Mountain, H04A Detroit Lake, F06A Goldendale, D08A Wollman Farm, NEW Newport, NEW Newport, NEW Newport, NEW Newport, I03A Eugene, FFC Flin Flon, FFC Flin Flon, FFC Flin Flon, E07A Sunpydsie, HOOD Mount Hood Mea, A11A Hall Mountain, F05A White Salmon, G04A Mulino, COR Corvallis, COR Corvallis, EPH Ephrate, H03A Soap Creek Ran, C08A Higginbotham F, D07A Quincy, B09A Rice, F04A Amby, WTV Waterville, G03A Yamhill, C07A Waterville, D06A Cle Elum, LON Longmire, A09A Danville, SNA A Sanae, SNA A Sanae, SNA A Sanae, SNA A Sanae, F04A Seaside, B07A Wintrop, D05A Enumclaw, C05A Toit Reservoir.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FDF Fort de France, MVM Montagne Vaucl, BVI Bigot, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ROCH El Roble, ROCH Cerro Calan, CHNG Los Chungos, 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, WB2 Warramunga Arr, etc.

ISCBJ 27 02:24:21.3i.0.4, 3181S-003:6923W-004, h128km, 4km, mb3.5/4, Error ellipse: s-maj=6.2km s-min=4.0km az=2.8

27 02:27:54.3i.2.7, 949N-12701E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.5/19, mbtmp3.5/4, Error ellipse: s-maj=151.6km s-min=26.7km az=69.0

ISCBJ 27 02:24:22.0i.0.9, 3183S-6948W, h152km, 8km, MD3.7, ML3.8

27 02:24:22.0i.1.5, 3179S-6911W, h119km, 10km, mb3.2/3, mb1 3.3/5, mb1mx3.2/16, mbtmp3.5/5, Error ellipse: s-maj=36.9km s-min=20.0km az=70.0

27 02:24:22.0i.1.8, 3181S-6921W, h122km, 4km, mb3.7/1, MD3.7(GUC), Error ellipse: s-maj=6.8km s-min=5.2km az=93.0

ISCBJ 27 02:24:22.0i.0.4, 3181S-003:6923W-004, h122km, 4km, n47, o5947/1, mb3.5/4, BC-14D, San Juan Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CFAA Coronel Fontan, CFAA Mendoza, CFAA Jahuel, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FITZ Fitzroy Crossi, FITZ Warramunga Arr, WRA Warramunga Arr, etc.

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

F07A	Phinny Hill Vi	39.15	75	↓	P	03 26 40.5 -0.4
EDM	Edmonton	39.27	61	eP	P	03 26 40.8 -1.2
B10A	Chitwood Farm,	39.47	70	↑	P	03 26 43.6 0.0
D09A	James Farm, Ri	39.48	72	↑	P	03 26 42.5 -1.2
H06A	Lindquist Farm	39.53	76	↑	P	03 26 43.8 -0.3
NEW	Newport	39.55	70	eP	P	03 26 43.5 -0.8
NEW	comp=Z,10.0nm,0.8s					
NEW	Newport	39.55	70	eP	P	03 26 43.5 -0.7
A11A	Hall Mountain,	39.63	68	P	P	03 26 45.0 0.0
G07A	Ruggs Ranch, H	39.64	75	↑	P	03 26 44.3 -0.6
K10A	Spilker Farm,	39.67	70	↑	P	03 26 44.3 -0.9
CHMM	Horse Mountain	39.69	84	eP	P	03 26 46.6 +1.3
J05A	Fort Rock	39.80	79	P	P	03 26 47.1 +0.8
YBH	Yreka Blue Hor	39.80	82	eP	P	03 26 47.4 +1.1
YBH	comp=Z,10.0nm,0.8s					
YBH	Yreka Blue Hor	39.80	82	eP	P	03 26 47.4 +1.0
YBH	Yreka Blue Hor	39.80	82	↑	P	03 26 47.0 +0.6
E09A	Wood Farm, Sta	39.86	73	↑	P	03 26 45.8 -1.0
F08A	Pendleton	39.88	74	↑	P	03 26 46.7 -0.2
B11A	Sandpoint	39.90	69	↑	P	03 26 46.9 -0.2
N02C	Big B	39.98	83	↑	P	03 26 48.5 +0.7
L04A	Klamath Falls	40.04	81	↑	P	03 26 49.0 +0.7
G08A	Pilot Rock	40.04	75	↑	P	03 26 47.9 -0.5
I06A	Prineville	40.04	77	↑	P	03 26 48.3 0.0
A12A	Yaak River Ran	40.05	68	↑	P	03 26 47.9 -0.5
H07A	Lands Inn, Kim	40.07	76	↑	P	03 26 48.2 -0.3
M04C	Macdoel	40.30	81	P	P	03 26 51.2 +0.8
B12A	Libby	40.32	69	↑	P	03 26 51.0 +0.3
K05A	Summer Lake	40.32	79	P	P	03 26 51.6 +1.0
I07A	Icee	40.39	77	P	P	03 26 51.2 +0.1
M03C	McCloud	40.43	82	↑	P	03 26 52.3 +0.8
F09A	S2 Ranch, Elgi	40.44	74	P	P	03 26 51.5 0.0
J06A	Christmas Vall	40.47	78	P	P	03 26 52.0 +0.2
WDC	Whiskeytown Da	40.59	83	eP	P	03 26 53.3 +0.5
WDC	comp=Z,5.0nm,0.8s,mb4.2					
WDC	Whiskeytown Da	40.59	83	eP	P	03 26 53.3 +0.6
WDC	comp=Z,4.6nm,0.8s,mb4.2					
WDC	Whiskeytown Da	40.59	83	eP	P	03 26 53.2 +0.5
H08A	Prairie City	40.64	76	↑	P	03 26 52.7 -0.5
K06A	Valley Falls	40.67	79	P	P	03 26 53.7 +0.3
O02C	Red Bluff	40.68	84	↑	P	03 26 54.3 +0.7
F10A	Beach Ranch, E	40.69	73	↑	P	03 26 52.9 -0.7
L05A	Lakeview	40.75	80	↑	P	03 26 54.1 0.0
A13A	Flathead Natio	40.76	67	↑	P	03 26 53.5 -0.7
P01C	Double 8 Ranch	40.77	85	↑	P	03 26 54.5 +0.1
C12A	Trout Creek	40.78	70	P	P	03 26 53.7 -0.7
J07A	Hines	40.90	77	↑	P	03 26 55.5 +0.1
M05C	Lookout	40.97	81	↑	P	03 26 56.0 +0.1
B13A	Whitefish	41.01	68	↑	P	03 26 55.4 -0.9
GASB	Alder Springs	41.04	84	↑	P	03 26 57.5 +1.0
I08A	Drewsey	41.04	76	↑	P	03 26 56.3 -0.2
HATC	Hat Creek Radi	41.10	82	↑	P	03 26 57.8 +0.8
H09A	Durkee	41.16	75	↑	P	03 26 57.3 -0.1
HOPS	Hopland	41.23	85	eP	P	03 26 58.5 +0.5
O03C	Acorn Hollow,	41.25	83	↑	P	03 26 57.9 -0.3
C13A	Hot Springs	41.32	69	P	P	03 26 58.9 +0.1
K07A	Rock Creek Ran	41.34	78	P	P	03 26 59.5 +0.6
J08A	Circle Bar Ran	41.41	77	↑	P	03 26 59.6 +0.1
M06C	Likely Place G	41.47	81	↑	P	03 27 00.8 +0.8
I09A	Lost Marbles R	41.50	76	↑	P	03 26 59.7 -0.5
O04C	Chester	41.63	82	P	P	03 27 02.5 +1.2
ELFS	Eagle Lake Fie	41.67	82	↑	P	03 27 02.4 +0.8
L07A	Adell	41.67	79	P	P	03 27 02.2 +0.6
MNRC	McLaughlin Nat	41.69	85	↑	P	03 27 02.2 +0.5
D13A	Huson	41.70	70	↑	P	03 27 00.9 -1.0
C14A	Swan Lake	41.74	69	↑	P	03 27 01.6 -0.6
K08A	Mann Creek Ran	41.77	78	↑	P	03 27 02.0 -0.4
ORV	Dorville	41.84	84	P	P	03 27 02.9 -0.1
J09A	Fry Pan Ranch,	41.85	76	P	P	03 27 03.1 +0.1
WVOR	Wild Horse Val	41.85	78	eP	P	03 27 02.8 -0.3
WVOR	comp=Z,4.0nm,0.5s,mb4.3					
WVOR	Wild Horse Val	41.85	78	eP	P	03 27 02.8 -0.3
SUTB	Sutter Butte	41.87	84	↑	P	03 27 02.7 -0.5
O05C	Quincy	41.95	83	↑	P	03 27 04.5 +0.6
CVS	Carmenet Viney	42.01	86	↑	P	03 27 04.7 +0.3
Q03C	Winters	42.10	85	↑	P	03 27 06.6 +1.5
N06A	Buffalo Meadow	42.13	81	P	P	03 27 05.8 +0.5
M50	Missoula	42.14	70	eP	P	03 27 04.2 -1.2
M07A	Soldier Meadow	42.15	80	P	P	03 27 06.2 +0.7
L08A	Fields	42.17	78	P	P	03 27 05.9 +0.3
K09A	Rome	42.24	77	↑	P	03 27 05.7 -0.6
D14A	Greenough	42.25	69	↑	P	03 27 07.4 +0.3
BEKR	Beckworth	42.35	82	P	P	03 27 05.6 -0.7
Q04C	Lincoln	42.36	84	↑	P	03 27 07.4 +0.2
F13A	Darby	42.48	71	↑	P	03 27 07.7 -0.5
O06A	Flanigan	42.49	82	↑	P	03 27 08.7 +0.4
P05C	Yuba Gap, Truc	42.52	83	↑	P	03 27 09.2 +0.6
M08A	Happy Creek Ra	42.59	79	P	P	03 27 09.5 +0.5

E14A	Clinton	42.62	70	P	P	03 27 08.8 -0.5
N07B	Gerlach	42.63	80	P	P	03 27 09.9 +0.5
L09A	Wilson Ranch	42.68	78	P	P	03 27 10.0 +0.2
P06A	Stead Airport,	42.74	82	↑	P	03 27 10.5 +0.2
LAVA	Lava Cap Winer	42.80	84	P	P	03 27 11.0 +0.2
D15A	Lincoln	42.84	69	P	P	03 27 10.4 -0.6
WENL	Wente Brothers	42.90	86	↑	P	03 27 11.1 -0.4
R04C	Big Horse Ranch	43.00	85	↑	P	03 27 11.9 -0.4
F14A	Wisdom	43.03	71	↑	P	03 27 11.9 -0.7
PAHR	Pah Rah Range	43.04	82	eP	P	03 27 12.8 +0.2
WCN	Washeo City	43.06	83	P	P	03 27 13.5 +0.6
O07A	Toulon	43.07	81	P	P	03 27 13.5 +0.6
E15A	Deer Lodge	43.11	70	P	P	03 27 12.2 -1.0
N08A	GE Springer Mi	43.14	80	↑	P	03 27 13.2 -0.3
M09A	Marrel Ranch,	43.16	79	↑	P	03 27 13.7 0.0
R05C	Kirkwood Meado	43.24	84	↑	P	03 27 14.6 +0.4
P07A	Fallon	43.44	82	↑	P	03 27 16.4 +0.5
N09A	Rock Creek Ran	43.46	79	P	P	03 27 16.3 +0.2
CMB	Columbia Cole	43.47	85	eP	P	03 27 16.3 +0.2
CMB	comp=Z,8.0nm,1.0s,mb4.3					
CMB	Columbia Cole	43.47	85	eP	P	03 27 16.3 +0.1
CMB	Columbia Cole	43.47	85	eP	P	03 27 16.3 +0.2
PACP	Pacheco Peak	43.58	86	↑	P	03 27 17.1 +0.1
M10A	LL Ranch, Tu	43.65	78	P	P	03 27 17.9 +0.4
HLID	Hailey	43.71	74	eP	P	03 27 17.2 -0.8
R06C	Coleville	43.73	83	P	P	03 27 19.1 +0.9
HAST	UC Hastings Re	43.81	87	↑	P	03 27 19.1 +0.2
P08A	Dixie Valley	43.84	81	↑	P	03 27 19.8 +0.8
MCMT	McKenzie Canyo	43.89	72	eP	P	03 27 18.4 -1.1
S06C	San Francisco	43.90	84	P	P	03 27 19.9 +0.3
S05C	Mercer	43.95	85	P	P	03 27 20.1 +0.2
O09A	Fish Creek Ran	44.08	80	P	P	03 27 21.5 +0.5
BJI	Beijing	44.13	280	eP	P	03 27 22.5 +1.1
BJI	comp=Z,7.0nm,0.7s,mb4.4					
BJI	Beijing	44.13	280	eP	P	03 27 22.6 +1.2
BJI	comp=Z,7.0nm,0.7s,mb4.4					
BJI	Beijing	44.13	280	eP	P	03 27 22.6 +1.2
M11A	Holland Ranch,	44.15	77	↑	P	03 27 22.0 +0.4
N10A	Dumphy	44.16	79	↑	P	03 27 21.9 +0.4
O10A	Cortez Mining,	44.42	79	↑	P	03 27 24.2 +0.5
FFC	Flin Flon	44.44	54	eP	P	03 27 23.0 -0.8
FFC	comp=Z,7.0nm,0.9s,mb4.3					
FFC	Flin Flon	44.44	54	eP	P	03 27 23.0 -0.9
Q08A	Gabbs	44.45	82	↑	P	03 27 24.3 +0.4
NVAR	Mina Array Bay	44.49	83	P	P	03 27 24.7 +0.5
P09A	Austin	44.49	81	↑	P	03 27 24.9 +0.6
T06C	Millerton Lake	44.54	85	P	P	03 27 24.6 -0.1
N11A	Elko Archery C	44.56	78	↑	P	03 27 25.1 +0.3
KCC	Kaiser Creek	44.58	85	P	P	03 27 25.5 +0.6
R08A	Mina	44.66	83	P	P	03 27 26.5 +0.9
M12A	Wells	44.69	77	↑	P	03 27 26.0 +0.3
QLMT	Earthquake Lak	44.71	71	eP	P	03 27 25.7 -0.3
PKD	Parkfield	44.72	87	↑	P	03 27 26.5 +0.4
P10A	Eureka	44.86	80	↑	P	03 27 27.4 +0.2
ULN	Ulanbaatar	44.87	295	eP	P	03 27 28.3 +1.1
ULN	comp=Z,4.0nm,0.8s,mb4.1					
ULN	Ulanbaatar	44.87	295	eP	P	03 27 28.3 +1.0
Q09A	Carvers	44.92	81	↑	P	03 27 28.0 +0.4
N12A	Clower Valley,	44.96	78	P	P	03 27 28.2 +0.3
MTUM	Tungsten Hills	45.02	84	eP	P	03 27 29.1 +0.7
O11A	Cowboy Ranch,	45.03	79	P	P	03 27 28.8 +0.3
YMR	Madison River	45.08	71	eP	P	03 27 28.2 -0.7
S08C	White Mt Res	45.16	83	P	P	03 27 30.6 +1.0
M13A	Montello	45.17	77	↑	P	03 27 29.7 +0.1
HELL	Mitchell Peak,	45.17	85	P	P	03 27 29.7 +0.1
S0NM	Songino Array	45.26	295	P	P	03 27 31.1 +0.9
S0NM	comp=Z,2.7nm,0.7s,mb4.0,baz=58,slow=8.7,SNR=20					
S0NM	comp=Z,0.6nm,0.5s,baz=56,slow=7.4,SNR=2.8					
S0NM	comp=Z,1.0nm,0.8s,baz=52,slow=3.4,SNR=6.5					
S0NM	Songino Array	45.26	295	P	P	03 27 31.1 +0.8
RCTC	Reactor, Farmer	45.28	86	↑	P	03 27 30.6 +0.1
P11A	Circle Ranch,	45.33	80	↑	P	03 27 31.4 +0.6
R09A	Tonopah	45.36	82	P	P	03 27 31.4 +0.3
TIN	Timemaha	45.42	84	↑	P	03 27 31.6 +0.1
N13A	Wendover, West	45.45	77	↑	P	03 27 32.1 +0.3
O12A	Currie	45.49	78	P	P	03 27 32.2 +0.1
S09A	Goldfield	45.60	83	↑	P	03 27 33.1 +0.1
YES	Vestal, Richr	45.69	86	P	P	03 27 33.5 -0.1
MOOW	Moose Ponds	45.75	72	eP	P	03 27 33.7 -0.4
TPAW	Teton Pass	45.78	72	eP	P	03 27 34.2 -0.2
Q11A	Duwater	45.84	80	P	P	03 27 34.9 +0.1
PKM	Peak Mountain	45.86	87	↑	P	03 27 35.6 +0.6
P12A	MacGill	45.89	79	P	P	03 27 35.4 +0.1
CWC	Cottonwood Cre	45.91	85	↑	P	03 27 35.0 -0.4
LOHW	Long Hollow	45.91	72	eP	P	03 27 35.1 -0.3
GRAC	Grapevine Rang	45.97	83	↑	P	03 27 36.0 +0.2
ISA	Isabella	46.17	86	P	P	03 27 37.1 -0.4
Q12A	Willow Creek R	46.21	79	P	P	03 27 38.0 +0.2
MPMC	Manual Propsec	46.51	85	P	P	03 27 40.4 +0.3

HWUT	Hardware Ranch	46.56	75	eP	P	03 27 39.7 -0.8
FURC	Furnace Creek,	46.63	84	P	P	03 27 41.4 +0.4
DUG	Dugway	46.70	77	eP	P	03 27 41.2 -0.3
DUG	comp=Z,1.7nm,1.3s,mb4.5					
DUG	Dugway	46.70	77	eP	P	03 27 41.2 -0.3
OSI	Ostio Adit	46.72	87	↑	P	03 27 41.9 +0.2
LRMC	Laurel					

Table of astronomical observations for 27d 3h, listing stations like MNTX, ARCES, WMQ, etc., and objects like Cornudas Mount, ARCES Array B, Urumqi, etc.

Table of astronomical observations for 2006 OCT, listing stations like FITZ, MTLF, SJPF, etc., and objects like Fitzroy Crossi, Montlieux, Ste Jean, etc.

MAN 27 03:24:26.1, 1012Nm, 12229E, h17km, mb2.1, ML3.8, MS4.4, Panay

IDC 27 03:31:05.3:86.0, 1777S, 1757W, h0km, mb4.1/3, mb1 4.2/3, mb1mx3.8/1.3, mbtmp4.1/3, Error ellipse: s-maj=1583.0km s-min=175.9km az=79.0, Fiji Islands

Table with columns: Code, Station Name, Az, Az1, Phase ID, Time Res, h, m, s, ISC, Res

IS/CJB 27 03:53:16.0:2.6, 580N:006:9225E:0.05, h8km±17km, mb4.6/4, MS3.9/9, Error ellipse: s-maj=10.3km s-min=6.6km az=61.8

MOS 27 03:53:20.0:1.1, 591N:9231E, h33km, mb4.9/14, Error ellipse: s-maj=12.7km s-min=7.6km az=108.9

IDC 27 03:53:22.0:0.7, 593N:9233E, h33km, mb4.1/6, mb1 4.2/17, mb1mx4.0/25, mbtmp4.3/17, ML4.0/1, MS3.7/8, Ms1 3.7/8, ms1mx3.4/37, Error ellipse: s-maj=24.2km s-min=11.5km az=50.0

NEIC 27 03:53:21.6:0.3, 586N:9229E, mb4.6/8, Error ellipse: s-maj=8.6km s-min=5.7km az=216.0

BUI 27 03:53:21.6, 590N:9230E, h33km, mb4.8, mb4.7, Ms4.1, Ms2.7

IS/C 27 03:53:20.3:2.1, 586N:006:9226E:0.05, h21km±15km, h33km±15km, pp-P, n97, ±1910/96, mb4.6/4, MS3.9/9, 1C,

Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az1, Phase ID, Time Res, h, m, s, ISC, Res

Table of astronomical observations for 938, listing stations like LSA, GYA, NDI, etc., and objects like Lhasa, Guiyang, New Delhi, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like La Plagne, Torod Ar. Bea, etc.

BUJ 27 04:19:06.5, 201S, 12787E, h10km, mb5.2, mb5.0, Ms4.7, Ms2.4.
IDC 27 04:19:13.7, 0.5, 1.15S, 12734E, h0km, mb4.9/13, mb1 4.8/15, mb1mx4.7/20, mbtmp4.8/15, ML4.5/2, MS4.1/14, Ms1 4.1/14, ms1mx3.9/31, Error ellipse: s-maj=24.8km s-min=12.2km az=65.0

ISCJB 27 04:19:15.0, 1.4, 1.23S, 003.12736E, 0.05, h20km, 9km, mb5.1/65, MS4.2/20, Error ellipse: s-maj=8.2km s-min=4.7km az=128.3
NEIC 27 04:19:15.5, 0.3, 1.21S, 12731E, h10km, mb5.0/22, Error ellipse: s-maj=10.2km s-min=5.5km az=66.0

NEIC Felt [I] at Labuha.
GCMT 27 04:19:15.5, 0.3, 1.10S, 12744E, h15km, 1km, MW5.0/57, Moment Tensor Solution. s24, c30; s57, c88; Duration: 0 Moment tensor: Scale 10^19Nm; Mr-1.65; 20; Mw-0.31; 12; Mw-1.96; 18; Mw-0.42; 29; Mw-3.31; 13; Mw-0.56; 31; Best double couple: Mw3.57300x10^16 NP1=80.00000, delta.74.00000, lambda.10.00000. NP2: phi172.00000, phi280.00000, lambda164.00000. Principal axes: T 4.3560, Plg4.0000, Azm305.0000; N -1.5640, Plg72.0000, Azm203.0000; P -2.7900, Plg18.0000, Azm37.0000; nstia1 refers to body waves, cutoff=40s. nstia2 refers to surface waves, cutoff=50s.

MOS 27 04:19:17.3, 1.2, 1.11S, 12732E, h33km, mb5.2/21 Error ellipse: s-maj=16.3km s-min=7.3km az=116.6
ISC 27 04:19:20.0, 0.7, 1.29S, 003.12749E, 0.05, h49km, 7km, h38km, 5.9km, pP-P, n164, phi190/160, mb5.1/65, MS4.2/20, 3C-6D, Malhamera

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Ambon, Sorong, Palu, Kappang, Kakadu, Kota Kinabalu, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Kunming, Bhopal, etc.

Chengdu 39.18 327 P AMB AMB
Xi'an 39.24 335 P AMB AMB
Baijiatao 42.40 347 eP P
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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Bhopal, Karad, etc.

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27d 7h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MMAL Mount Meron Ar, DAWY Dawson, ARCES ARCES Array B, etc.

ISCJB 27 04:28:24.9, 2.9, 4.96S:149.6E:01, h74km, 25km, mb4.5/18, Error ellipse: s-maj=18.9km s-min=15.4km az=129.3

IDC 27 04:28:26.9, 4.6, 4.99S:149.70E, h81km, 39km, mb4.0/9, mb1 4.2/10, mb1mx4.1/16, mbtmp4.4/10, MS4.1/4, Ms1 4.1/4, ms1mx3.6/19, Error ellipse: s-maj=29.5km s-min=21.2km az=53.0

NEIC 27 04:28:26.6, 2.1, 4.98S:149.66E, h80km, 18km, mb4.3/7, Error ellipse: s-maj=13.9km s-min=12.2km az=56.0

ISC 27 04:28:26.4, 2.6, 500S:010, h149E:01, h75km, 22km, n35, #0823/1, mb4.5/18, 1C, New Britain Region

Main station list table for 27d 7h, including PMG Port Moresby, PMG, CTA Charters Tower, KAKA Kakadu, GUMO Guam, WB2 Warramunga Arr, WRA Warramunga Arr, DZM Mt Dzumac, AS31 Alice Springs, ASAR Alice Springs, ASPA Alice Springs, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, STKA Stephens Creek, STKA Stephens Creek, KSM Kuching, KULM Kulim, PSI Prapat, SONM Songoing Array, JIRN Jiri, GUN Gumba, KKN Kakani, DMN Daman, GKN Gorkha, KOLN Koldand, VANDA Vanda, VANDA Vanda, VANDA Vanda, MKAR Makani Array, MKAR Makinley, QSPA South Pole Qui, DAWY Dawson, CHKZ Chkalovo, YKA Yellowknife Ar, TORO Torodi Ar. Bea, TORO Torodi Ar. Bea.

ISCJB 27 04:59:14.8, 0.1, 3602N:005:2090E:009, h10km, Error ellipse: s-maj=10.7km s-min=6.7km az=179.8

ATH 27 04:59:16.5, 36.14N:2102E, h6km, MD3.6, HLW 27 04:59:22.3, 36.04N:2119E, h29km, MB3.2

SKO 27 05:00:24.4, 40.76N:2178E, h4km, ISC 27 04:59:16.6, 0.1, 3613N:005:2096E:009, h10km, n9, #075/12, 1C, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ITM Ithomi, ITM, KYTH Kithira, VLI Velia, VLS Valsamata, KRUS Krusevo, HMAT Matruh, SWA2, SWA1, HFRF Wahat Farafira.

ISCJB 27 05:00:55.4, 0.5, 5028N:004:1877E:003, h0km, Error ellipse: s-maj=5.3km s-min=2.5km az=34.3

NEIC 27 05:00:56.3, 0.5, 5035N:1884E, h5km, ML2.6(BRA), ML3.3(BUC), Error ellipse: s-maj=7.5km s-min=4.3km az=18.0

PRU 27 05:00:57.7, 50.28N:1877E, h0km, WAR 27 05:00:57.2, 50.27N:1887E, ML2.9, Mining Induced CSEM 27 05:00:57.5, 0.1, 5032N:1885E, h1km, ML3.5/3, Error ellipse: s-maj=3.0km s-min=1.4km az=21.0

IPEC 27 05:00:57.0, 2.5028N:1885E, h6km, 2km, ML2.4/3, Error ellipse: s-maj=2.5km s-min=1.1km az=168.0

IDC 27 05:00:59.3, 1.2, 5031N:1861E, h0km, mb1 3.5/3, mb1mx3.3/17, mbtmp3.4/3, ML2.6/3, Error ellipse: s-maj=26.7km s-min=10.4km az=144.0

VIE 27 05:00:59.0, 0.6, 49.79N:1893E, h0km, mb2.4/2, ML2.7/4, Error ellipse: s-maj=4.0km s-min=3.8km az=176.0 49 km E of Ostrava Suspected Mining induced.

ISC 27 05:00:56.7, 0.4, 5026N:003:1878E:003, h0km, n46, #1913/4, 4C-12D, Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAC Raciborz, RAC, OKC Ostrava-Krasne, OKC.

2006 OCT

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OJC Ojcow, OJC Ojcow, MORC Moravsky Berou, MORC Moravsky Berou, LIKS Likovka, NIE Niedzica, DPC Dobruska-Polom, DPC Dobruska-Polom, KSP Ksiaz, KSP Ksiaz, VRAC Vranov, VRAC Vranov, VRAC Vranov, VRAC Vranov.

YVHS Vyhne, YVHS Vyhne, YVHS Vyhne, YVHS Vyhne, UPC Upec, STHS Sniebicka Huta, STHS, KRUC Moravsky, KRUC, KECS Kecoov, KECS, CRVS Cervencia-Dubn, CRVS, PSZ Piszkesteto, PSZ Piszkesteto, PRU Pruhonice, PRU, CONA Conrad Observa, CONA, BRG Bergliesshubel, BRG, KHC Kasperske Hory, KHC.

GERES GERES Array B, GERES, GERES GERES Array B, GERES, CLL Collin, CLL, MOA Molin, MOA, MOA, MOA, PKSM Moragy, PKSM, DRGR, DRGR, BURAR Buccovina Array, BURAR, BURAR Zlatza, BURAR, GZR Zlatza, GZR, AKASG Malin Array Be, AKASG, AKASG, AKASG, DAVOX Davos/Dischmat, DAVOX, FINES Finest Array B, FINES.

NEIC 27 05:08:22.4, 1951N:6334W, h67km, MD3.6(RSPR), After RSPR, RSPR 27 05:08:22.4, 1951N:6334W, h67km, 15km, MD3.6/5, MD3.6/5, 8C, Leeward Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TBVI Tortola, TBVI, STVI Saint Thomas, STVI, MTP Monte Pirata, MTP, CBYP Canovanas, CBYP, HUMP Col San Antoni, HUMP, HUMP, Cerro la Pandu, CERRO, CELP Cerrillos, CELP, CRPR Cabo Rojo, PR, CRPR.

ISCJB 27 05:13:35.9, 2.4, 366N:01:703E:02, h202km, 40km, Error ellipse: s-maj=29.4km s-min=7.9km az=106.0

NNC 27 05:13:40.6, 14.0, 3691N:7009E, h206km, 183km, mb2.2, mpv3.1, Error ellipse: s-maj=133.0km s-min=77.1km az=22.0

ISC 27 05:13:39.0, 2.3, 3668N:01:705E:02, h242km, 36km, n11, #120/14, 3C-4D, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KK31 Karatay Array, KK31, TKM2 Tokmak 2, TKM2, KOLN Koldanda, KOLN, AB31 Akbulak array, AB31, AB31, GORHA Gorkha, GORHA, DMN Daman, DMN, KKN Kakani, KKN, PKI Pulchoki, PKI, GUN Gumba, GUN, JIRN Jiri, JIRN, AKTO Aktyubinsk, AKTO.

NEIC 27 05:44:43.8, 1683N:9976W, h28km, MD3.8(MEX), After MEX, MEX 27 05:44:44.1, 0.8, 1686N:9976W, h26km, 9km, MD3.8, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ACX Acapulco, ACX, CAIG El Cayaco, CAIG, ACX Acapulco, ACX, CAIG El Cayaco, CAIG.

NEIC 27 06:37:35.5, 27.50S:6920W, h104km, MG3.9(GUC), After GUC, GUC 27 06:37:35.5, 0.6, 2750S:6920W, h104km, 17km, ML3.9, 9C-2D, Northern Chile

CPCH Copiapo, CPCH, CPCH Copiapo, CPCH, CDCH Caldera, CDCH, CDCH Caldera, CDCH, VACH Valenar, VACH, VACH, VACH, VACH Valenar, VACH, TLL Tololo Astrono, TLL.

IDC 27 06:42:36.9, 3.2, 2.62S:140.44E, h0km, mb3.5/3, mb1 3.8/4, mb1mx3.6/12, mbtmp3.6/4, ML4.0/1, MS3.0/2, Ms1 3.0/2, ms1mx2.7/17, Error ellipse: s-maj=101.7km s-min=26.8km az=92.0

ISCJB 27 06:42:41.7, 2.2, 2.8S:0.1x140.0E:04, h33km, mb3.5/2, MS3.1/1, Error ellipse: s-maj=53.6km s-min=20.0km az=2.5

NEIC 27 06:42:43.3, 1.8, 2.75S:140.16E, h35km, mb3.7/1, Error ellipse: s-maj=46.9km s-min=17.2km az=92.0

ISC 27 06:42:43.4, 2.1, 2.8S:0.1x140.2E:04, h35km, n11, #054/9, mb3.5/2, MS3.1/1, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KAKA Kakadu, KAKA, GUMO Guam, GUMO, WB2 Warramunga Arr, WB2, WRA Warramunga Arr, WRA, FITZ Fitzroy Crossi, FITZ, FITZ Fitzroy Crossi, FITZ, ASAR Alice Springs, ASAR, ASPA Alice Springs, ASPA, CBIJ Chichi jima, CBIJ, MKAR Makani Array, MKAR.

MAN 27 06:52:58.6, 1346N:12160E, h4km, mb2.0, ML3.7, MS0.9, 1C-1D, Mindoro

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BOAC Boac, BOAC, PGP Puerto Galera, PGP, TGY Tagaytay City, TGY, AGUY San Andres, AGUY, OTRP Otdongan, OTRP, OTRP Polilio Island, OTRP, LUBP Lubang, LUBP, BUSP Coron, BUSP, RCP Roxas, RCP.

STR 27 07:34:36.0, 0.1, 4.299N:024E, h5km, 1km, M12.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

CSEM 27 07:34:36.6, 0.1, 4.296N:022E, h5km, ML2.5/6, Error ellipse: s-maj=1.3km s-min=0.9km az=167.0

LDG 27 07:34:36.2, 0.1, 4.293N:023E, h4km, Md2.4, M12.3/6, Error ellipse: s-maj=1.7km s-min=0.8km az=170.0

MDD 27 07:34:36.7, 0.2, 4.297N:023E, h9km, 3km, mblg1.6/15, Error ellipse: s-maj=1.9km s-min=1.7km az=8.0

PRXIMO, Pyrenees

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EFF Esparrros, EFF, EFF Esparrros, EFF, LAFB Labassere, LAFB, LAFB Labassere, LAFB, VIEF Viey, VIEF, VIEF Viey, VIEF, RESF Ens, RESF, RESF Ens, RESF, EBIE Bielsa, EBIE, EBIE, EBIE, MELF Melles, MELF, MELF Melles, MELF, REVY Montagne du Re, REVY, REVY Montagne du Re, REVY, ETSF Etsaut, ETSF, ETSF Etsaut, ETSF, FDFAF Les Forges d'A, FDFAF, FDFAF Arette, FDFAF, ATE Arette, ATE, SALF Salau, SALF, SALF Salau, SALF, LARF Larrau, LARF, SJPF Ste Jean, SJPF, SJPF, SJPF.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EALK, ELIZ, IUSE, AYAN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KLP, NDI, AYA, SONA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CTA, DIGR, ZIGR, etc.

ISCJB 27 07:39:44.0 ± 1.2, 4063N-008:78.70E, 0.09, h10km, Error ellipse: s-maj=14.4km s-min=6.6km az=105.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSH, ULHL, KNDC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKA, LATR, HYB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MOS, ECXJ, EMX, etc.

LDG 27 11:25:08.0.4.3544N:153E,h10km,ML3.0/4,Error ellipse: s-maj=8.8km s-min=4.3km az=149.0

ISCJB 27 11:25:08.2.0.5,3571N:003:135E,0.04,h10km,Error ellipse: s-maj=5.1km s-min=4.1km az=137.2

MDD 27 11:25:10.0.0.6,3561N:1.44E,h8km,5km,mb3.8/13,Error ellipse: s-maj=7.3km s-min=5.1km az=113.0,PRXIMO

ISC 27 11:25:09.7.0.5,3568N:003:137E,0.04,h10km,n6.0, c#153R,9,Northern Algeria

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like ETRT, ENANR, ECHA, etc.

ISC 27 11:30:41.6.0.5,3897N:002:233E,0.03,h13km,3km,n3.0, c#85Y4,Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like NEO, XOR, LKR, etc.

ISCJB 27 11:36:52.4.0.5,3897N:002:233E,0.04,h4km,6km, Error ellipse: s-maj=4.7km s-min=3.7km az=167.8

CSEM 27 11:36:53.3,3897N:233E,h7km,ML2.9,After THE ATH 27 11:36:53.6,3897N:233E,h9km,1km,MD3.1/13,ML3.2

THE 27 11:36:53.3,3897N:233E,h7km,ML2.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like NEO, XOR, LKR, etc.

ISCJB 27 11:40:16.9.1.5,428N:01:759E,0.1,h10km,Error ellipse: s-maj=20.6km s-min=7.6km az=90.2

KNET 27 11:40:16.5.0.4,428N:758E,h19km,2km,ml1.2,Error ellipse: s-maj=6.2km s-min=1.3km az=33.0

ISC 27 11:40:17.2.1.4,427N:01:758E,0.1,h10km,n8, c#65R11,9C-3D,Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like TKM2, TKM2, etc.

3.7nm,1.0s,mb3.9 STKA Stephens Creek 38.22 244 P P 11 58 03.5 +0.2

AS31 Alice Springs 44.90 256 eP P 11 58 56.6 +0.4

ASAR Alice Springs 44.90 256 P P 11 58 56.6 +0.4

ASAR 2.3nm,0.6s,baz=98,slow=4.7,SNR=6.5 P P 12 00 26.5 -0.2

ASAR 2.7nm,0.6s,baz=89,slow=16,SNR=9.9 P P 12 04 52.0 -4.0

ASPA Alice Springs 44.90 256 eP P 11 58 56.6 +0.4

WB2 Warramunga Arr 44.94 262 eP P 11 58 56.4 -0.1

WB2 Warramunga Arr 44.95 262 P P 11 58 56.4 -0.2

MBWA Marble Bar 58.23 257 eP P 12 00 31.8 -0.8

SBA Scott Base 58.27 184 eP P 12 00 34.8 +1.4

OSP South Pole Qui 69.95 180 eP P 12 01 47.4 +0.2

MJAR Matsushiro Arr 61.00 323 P P 12 01 47.1 -0.8

MAJO Matsushiro 70.08 323 eP P 12 01 47.1 -0.8

MAT Matsushiro 70.08 323 P P 12 01 47.7 -0.2

MDJ Mudasjarr 80.38 325 P P 12 02 47.7 +0.3

NVAR 7.5nm,1.0s,mb4.0 P P 12 02 45.3 +1.1

BJT Baitajura 85.82 315 P P 12 03 10.7 -1.9

TXAR Tulari Arr 86.60 337 P P 12 03 18.0 +1.7

TXAR Tulari Arr 86.60 337 P P 12 03 18.0 +1.7

PDAR Pinedara Array 88.48 43 P P 12 03 25.3 +0.0

VNA3 Neumayer Olymp 88.50 176 eP P 12 03 24.5 -0.8

ISCJB 27 11:30:41.0.0.5,3898N:002:233E,0.03,h10km,4km, Error ellipse: s-maj=4.6km s-min=3.8km az=14.1

ATH 27 11:30:41.3,3898N:233E,h26km,MD3.4/12,ML3.2

SZGRF 27 11:50:28.4,2150S:17450W,h33km,Tonga Islands

ISCJB 27 11:51:27.5.1.0,2009S:009:1777W,0.09,h52km,14km, mb4.3/13,Error ellipse: s-maj=15.7km s-min=10.7km

NEIC 27 12:17:52.7,3440N:485W,h0km,MG3.7(MDD),After MDD

ISCJB 27 12:17:52.0.3.3436N:002:490W,0.04,h4km,14km, Error ellipse: s-maj=6.2km s-min=3.3km az=33.2

MDD 27 12:17:53.0.6,3430N:475W,h19km,5km,mb3.6/9, Error ellipse: s-maj=7.0km s-min=4.1km az=111.0, PRXIMO

CSEM 27 12:17:53.1.0.1,3437N:489W,h35km,MD3.4,Error ellipse: s-maj=2.8km s-min=1.5km az=107.0

CNRM 27 12:18:54.8,3429N:473W,h17km,MD3.4

ISC 27 12:17:53.7.0.6,3433N:002:484W,0.04,h29km,5km,n3.0, c#69Y57,Morocco

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like TGT, IFR, MIF, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like ZAI, ZIB, KIB, EJIF, etc.

ISCJB 27 12:22:16.3±2.6, 62S:02:15620E:0.09, h60km, 25km, mb3.8/7, Error ellipse: s-maj=27.1km s-min=14.7km az=22.9

ISC 27 12:22:17.4±3.7, 608S:15620E, h51km, 39km mb3.6/5, mb1.9/7, mb1mx3.9/15, mbtmp3.9/7, ML2.9/2, Error ellipse: s-maj=27.6km s-min=15.1km az=6.0

NEIC 27 12:22:18.3±1.9, 620S:15629E, h67km, 18km, mb4.1/2, Error ellipse: s-maj=22.9km s-min=15.9km az=179.0

ISC 27 12:22:18.2±1.6, 61S:02:15622E:0.09, h65km, 20km, n11, 150112, mb3.8/7, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like HNR, PMG, KAKA, etc.

HLW 27 12:24:04.6, 2965N:3673E, h11km, Mb3.2

ISCJB 27 12:24:06.2±1.3, 2986N:006:3624E:0.10, h0km, Error ellipse: s-maj=12.5km s-min=9.0km az=176.1

CSEM 27 12:24:07.5±0.3, 2983N:3609E, h11km, ML1.8, Error ellipse: s-maj=6.5km s-min=4.5km az=98.0, Mining explosion.

GII 27 12:24:07.2±1.0, 2990N:3616E, h0km, 3km, ML1.8/3

ISC 27 12:24:06.2±1.3, 2986N:007:3629E:0.10, h0km, n19, 0591/21, Western Arabian Peninsula

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like AQB, HRFI, MBH, etc.

ISCJB 27 12:36:11.1±4.1, 64S:02:1478E:0.3, h57km, 33km, mb3.8/4, MS2.7/1, Error ellipse: s-maj=56.6km s-min=36.6km az=27.2

ISC 27 12:36:11.9±5.9, 641S:14805E, h54km, 49km, mb3.6/4, mb1.3/6, mb1mx3.6/14, mbtmp3.6/6, ML2.8/1, MS2.9/1, Ms1.2/91, ms1mx2.9/20, Error ellipse: s-maj=58.0km s-min=36.5km az=9.0

NEIC 27 12:36:12.2±2.9, 634S:14788E, h54km, 25km, mb4.1/1,

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like Error ellipse: s-maj=36.3km s-min=23.1km az=110.0, ISC 27 12:36:11.6±4.3, 63S:02:1478E:0.3, etc.

ISC 27 13:55:41.7±2.3, 523N:12612E, h0km, mb3.6/3, mb1.3/8/3, mb1mx3.5/17, mbtmp3.6/3, Error ellipse: s-maj=199.3km s-min=24.4km az=65.0, Mindanao

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like WRA, ASAR, MKAR, etc.

ISC 27 14:22:20.9±1.2, 363S:12504E, h0km, mb3.9/4, mb1.4/0/6, mb1mx3.8/17, mbtmp3.8/6, ML3.3/2, MS2.9/1, Ms1.2/91, ms1mx2.2/36, Error ellipse: s-maj=127.0km s-min=20.2km az=68.0

ISCJB 27 14:22:21.4±0.7, 39S:01:1247E:0.2, h10km, mb4.1/7, Error ellipse: s-maj=37.8km s-min=10.5km az=128.7

NEIC 27 14:22:23.6±0.6, 67S:05:58E, h10km, mb4.3/3, Error ellipse: s-maj=37.0km s-min=10.1km az=65.0

ISC 27 14:22:23.7±0.7, 39S:01:1247E:0.2, h10km, n12, 1518/12/2, mb4.1/7, Ceram Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like FITZ, WRA, ASAR, etc.

ISC 27 14:31:08.1±6.5, 1984S:16512E, h0km, mb4.1/4, mb1.4/3/4, mb1mx3.9/12, mbtmp4.1/4, ML2.4/1, Error ellipse: s-maj=140.8km s-min=30.4km az=37.0, Vanuatu Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like DZM, STKA, WRA, etc.

ISC 27 14:39:15.3±7.5, 580S:14613E, h77km, 55km, mb4.0/3, mb1.4/6, mb1mx3.9/15, mbtmp4.6/6, ML4.0/2, Error ellipse: s-maj=69.4km s-min=50.5km az=5.0

NEIC 27 14:39:18.2±4.2, 586S:14611E, h103km, 18km, mb4.3/8, Error ellipse: s-maj=24.7km s-min=12.6km az=165.0

ISCJB 27 14:39:19.4±1.8, 62S:01:14618E:0.09, h12km, 14km, mb4.1/8, Error ellipse: s-maj=17.1km s-min=14.4km az=178.1

ISC 27 14:39:21.3±1.8, 63S:01:14620E:0.09, h113km, 14km, n25, 0583/28, mb4.1/8, 3D, Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like PMG, CTA, CTAO, etc.

ISC 27 14:39:19.4±1.8, 62S:01:14618E:0.09, h12km, 14km, mb4.1/8, Error ellipse: s-maj=17.1km s-min=14.4km az=178.1

ISC 27 14:39:21.3±1.8, 63S:01:14620E:0.09, h113km, 14km, n25, 0583/28, mb4.1/8, 3D, Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like PMG, CTA, CTAO, etc.

ISC 27 14:39:19.4±1.8, 62S:01:14618E:0.09, h12km, 14km, mb4.1/8, Error ellipse: s-maj=17.1km s-min=14.4km az=178.1

ISC 27 14:39:21.3±1.8, 63S:01:14620E:0.09, h113km, 14km, n25, 0583/28, mb4.1/8, 3D, Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like PMG, CTA, CTAO, etc.

NIED 27 15:07:00, 4200N:14260E, h53km, Mw4.0 Best double

couple: M:9.51000x10^14 NP1:36.00000 865.00000 1.97.00000 NP2:20.00000 826.00000 1.75.00000 JMA 27 15:07:12.0±0.1, 4203N:14259E, h64km, 23km, M3.5, 3C-BD Broadband fault plane solution: P waves. NP1: 0.173.00000, 813.00000, 1.67.00000 NP2:0.16.00000, 878.00000, 1.95.00000 Principal axes: T P1g57.00000, Azm293.00000 N P1g5.00000 Azm195.00000 P P1g33.00000, Azm102.00000 Hokkaido region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like JNBK, JEM, JMT, etc.

ISC 27 15:18:05.0±18.0, 673S:12951E, h127km, 187km, mb3.0/1, mb1.3/4, mb1mx3.1/4, mbtmp3.5/4, ML3.5/3, Error ellipse: s-maj=149.3km s-min=59.9km az=42.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like FITZ, WRA, ASAR, etc.

ISC 27 15:34:39.0±50.0, 1646S:16791W, h0km, mb4.1/3, mb1.4/2/3, mb1mx3.9/13, mbtmp4.1/3, Error ellipse: s-maj=1012.0km s-min=199.0km az=81.0, Samoa Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like STKA, WRA, ASAR, etc.

CSEM 27 15:35:14.3±0.1, 6714N:2086E, h1km, ML2.8, Error ellipse: s-maj=3.3km s-min=2.5km az=64.0, Mining explosion.

UPP 27 15:35:16.5, 6699N:2040E, h0km, ML2.8, Mining explosion.

HEL 27 15:35:16.4±0.1, 6708N:2090E, h0km, ML1.7, ML2.8(UPP), Suspected explosion, Sweden

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like DUNU, ERTU, KUA, etc.

MEX 27 15:48:43.3±0.5, 1668N:9952W, h8km, 4km, MD3.5, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like ACX, CAIG, MEIG, etc.

ISCJB 27 15:51:05.5±1.4, 2193N:009:1432E:0.2, h274km, 14km, mb3.7/13, Error ellipse: s-maj=32.7km s-min=13.4km az=164.0

ISC 27 15:51:06.1±1.9, 2190N:14318E, h260km, 20km, mb3.3/8, mb1.3/5/10, mb1mx3.3/22, mbtmp4.0/10, Error ellipse: s-maj=65.7km s-min=12.1km az=82.0

NEIC 27 15:51:07.0±2.7, 2190N:14325E, h275km, 26km, mb3.7/2, Error ellipse: s-maj=32.2km s-min=9.8km az=86.0

ISC 27 15:51:06.4±1.4, 2198N:009:1434E:0.2, h270km, 14km, n24, 0568/25, mb3.7/13, Mariana Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, H, M, S, ISC. Includes stations like CBIJ, MJAR, MAJO, etc.

PCRV	2.4nm,0.3s,baz=336,slow=17,SNR=16	S	Sn	18 33 60.0 +2.4
PCRV	1.1nm,0.3s,baz=349,slow=21,SNR=4.1	P	Pn	18 32 19.7 +0.7
SAMU	Puerto La Cruz 8.85 67 eP 3.2nm,0.6s	8.85 67 eP	Pn	18 34 17.9 +0.4
LPAZ	La Paz 23.45 168 eP 0.8nm,0.6s,mb3.3	23.45 168 eP	P	18 35 09.5 +0.4
TXAR	Lajillas Array 36.60 312 P 0.4nm,0.5s,mb3.3,baz=133,slow=7.9,SNR=6.7	36.60 312 P	P	18 37 05.3 +0.5
ULM	Lac du Bonnet 47.34 340 P 2.1nm,0.4s,mb4.2,baz=135,slow=3.6,SNR=5.7	47.34 340 P	P	18 38 31.5 -0.3
SCHO	Schefferville 48.12 5 P 6.2nm,1.0s,mb4.2,baz=191,slow=5.0,SNR=14	48.12 5 P	P	18 38 38.9 +1.1
PDAR	Pinedale Array 48.18 324 P 0.3nm,0.5s,mb3.2,baz=106,slow=9.5,SNR=2.9	48.18 324 P	P	18 38 39.7 +1.4
FRB	Frobisher Bay 56.90 2 P 2.9nm,0.4s,mb3.4,baz=174,slow=5.2,SNR=3.9	56.90 2 P	P	18 39 41.8 -0.6
YKA	Yellowknife Ar 63.32 340 P 2.1nm,0.5s,mb4.2,baz=135,slow=6.4,SNR=8.9	63.32 340 P	P	18 40 26.1 +0.1
YKA	Yellowknife Ar 63.32 340 P 2.1nm,0.5s,mb4.2,baz=135,slow=6.4,SNR=8.9	63.32 340 P	P	18 40 26.1 +0.1
TORD	Torodi Ar. Bea 73.75 78 P 0.3nm,0.3s,mb3.5,baz=294,slow=5.4,SNR=12	73.75 78 P	P	18 41 29.6 +0.1
ARCES	ARCES Array B 86.60 20 P 2.4nm,0.8s,mb4.1,baz=328,slow=4.4,SNR=6.1	86.60 20 P	P	18 42 39.0 -0.4
VNA3	Neumayer Olymp 88.12 163 e 2.4nm,0.8s,mb4.1,baz=328,slow=4.4,SNR=6.1	88.12 163 e	P	18 42 44.9 -1.7
VNA2	Neumayer-Watz 88.16 163 e 2.4nm,0.8s,mb4.1,baz=328,slow=4.4,SNR=6.1	88.16 163 e	P	18 42 48.0 -1.1
MKAR	Makanchi Array 122.25 20 PKP 0.5nm,0.4s,baz=298,slow=2.5,SNR=9.4	122.25 20 PKP	PKP	18 48 50.1 +0.2
SOMN	Songino Array 125.57 1 PKP 0.4nm,0.4s,baz=343,slow=9.9,SNR=9.5	125.57 1 PKP	PKP	18 48 57.5 +1.3
AS31	Alice Springs 149.27 234 eP 1.2nm,0.5s,mb4.2,baz=120,slow=3.0,SNR=29	149.27 234 eP	PKP	18 49 44.0 +0.2
ASAR	Alice Springs 149.27 234 PKP 1.2nm,0.5s,mb4.2,baz=120,slow=3.0,SNR=29	149.27 234 PKP	PKP	18 49 44.0 +0.2
ASPA	Alice Springs 149.27 234 eP 1.2nm,0.5s,mb4.2,baz=120,slow=3.0,SNR=29	149.27 234 eP	PKP	18 49 44.0 +0.2
WB2	Warramunga Arr 150.50 241 eP 1.2nm,0.4s,baz=107,slow=2.6,SNR=57	150.50 241 eP	PKP	18 49 47.1 +0.3
WRA	Warramunga Arr 150.51 241 PKP 1.2nm,0.4s,baz=107,slow=2.6,SNR=57	150.51 241 PKP	PKP	18 49 47.3 +0.5

MDD 27 18:38:26.9; 1.7, 4522N; 1383W, h0km, mb4.6/14, Error ellipse: s-maj=16.8km s-min=10.7km az=103.0, PRXIMO
NEIC 27 18:38:29.5; 4495N; 1381W, h0km, MG4.6(MDD), After MDD
INMG 27 18:38:31.5; 1.4, 4508N; 1423W, h10km, ML2.8, Error ellipse: s-maj=7.6km s-min=4.2km az=88.0
LDG 27 18:38:31.2; 0.5, 4525N; 1380W, h25km, M4.0/26, Error ellipse: s-maj=9.1km s-min=5.3km az=106.0
CSEM 27 18:38:32.1; 0.4, 4488N; 1327W, h10km, ML4.0/14, Error ellipse: s-maj=7.3km s-min=4.1km az=99.0
ISCJB 27 18:38:33.0; 0.7, 4525N; 003; 1278W; 0.06, h10km, Error ellipse: s-maj=6.1km s-min=4.0km az=11.2
ISC 27 18:38:33.7; 0.7, 4521N; 003; 1301W; 0.06, h10km, n100, r144/185, 2D, North Atlantic Ocean

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
EMAZ	Mazaricos 3.68 127 P 75nm,0.1s,SNR=18	3.68 127 P	P	Sn	18 39 31.4 +0.7	
EMAZ	19nm,0.1s,SNR=5.0	S	Sn	18 40 16.4 +2.4		
EMAZ	Mazaricos 3.68 127 P 75nm,0.1s,SNR=18	3.68 127 P	P	Sn	18 39 31.4 +0.8	
EMAZ	19nm,0.1s,SNR=5.0	S	Sn	18 40 16.4 +2.3		
STS	Santiago 3.97 124 P 56nm,0.1s,SNR=18	3.97 124 P	P	Pn	18 39 35.6 +1.1	
STS	7.4nm,0.1s	S	Sn	18 40 21.5 +0.4		
EZAM	Zamans 4.38 133 P 8.1nm,0.1s,SNR=7.9	4.38 133 P	P	Pn	18 39 39.6 -0.6	
EZAM	8.1nm,0.1s,SNR=7.9	S	Sn	18 40 31.8 +0.5		
EPON	Pontenova 4.61 112 P 3.1nm,0.1s,SNR=7.9	4.61 112 P	P	Pn	18 39 45.2 +1.8	
EPON	1.0nm,0.1s,SNR=9.2	S	Sn	18 40 40.3 +3.3		
EPON	Pontenova 4.61 112 P 1.0nm,0.1s,SNR=9.2	4.61 112 P	P	Pn	18 39 45.2 +1.8	
EPON	1.0nm,0.1s,SNR=9.2	S	Sn	18 40 40.3 +3.3		
PCAB	Cabril 5.04 132 eP 19nm,0.2s	5.04 132 eP	Pn	Sn	18 39 48.8 -0.5	
PCAB	19nm,0.2s	eSn	Pn	Sn	18 40 47.1 -0.5	
PCAB	Cabril 5.04 132 eP 19nm,0.2s	5.04 132 eP	Pn	Sn	18 39 48.8 -0.5	
PCAB	19nm,0.2s	eSn	Pn	Sn	18 40 47.1 -0.5	
PTO	Porto 5.19 140 eP 19nm,0.2s	5.19 140 eP	Pn	Sn	18 39 50.1 -1.3	
PTO	19nm,0.2s	eSn	Pn	Sn	18 40 48.8 -2.5	
PVRL	Vila Real 5.51 134 eP 19nm,0.2s	5.51 134 eP	Pn	Sn	18 39 55.3 -0.5	
PVRL	19nm,0.2s	eSn	Pn	Sn	18 40 57.6 -1.7	
ECAL	Calabor 5.61 123 P 12nm,0.1s	5.61 123 P	P	Pn	18 39 57.9 +0.9	
ECAL	7.9nm,0.1s,SNR=40	S	Sn	18 41 03.3 +1.7		
ECAL	Calabor 5.61 123 P 12nm,0.1s	5.61 123 P	P	Pn	18 39 58.0 +0.9	
ECAL	12nm,0.1s	S	Sn	18 41 03.3 +1.8		
PBRG	Braganca 5.69 125 eP 18nm,0.3s	5.69 125 eP	Pn	Sn	18 39 59.0 +0.8	
PBRG	18nm,0.3s	eSn	Pn	Sn	18 41 04.6 +1.0	
PBRG	Braganca 5.69 125 eP 18nm,0.3s	5.69 125 eP	Pn	Sn	18 39 59.0 +0.8	
PBRG	18nm,0.3s	eSn	Pn	Sn	18 41 04.6 +1.0	
PVIS	Viseu 5.85 138 eP 18nm,0.3s	5.85 138 eP	Pn	Sn	18 39 59.3 -1.2	
PVIS	18nm,0.3s	eSn	Pn	Sn	18 41 04.5 -3.1	
PVIS	Viseu 5.85 138 eP 18nm,0.3s	5.85 138 eP	Pn	Sn	18 39 59.3 -1.2	
PVIS	18nm,0.3s	eSn	Pn	Sn	18 41 04.5 -3.1	
EARI	Arriondas 5.92 106 P 1.0nm,0.1s,SNR=20	5.92 106 P	P	Pn	18 40 04.1 +2.7	
EARI	1.0nm,0.1s,SNR=20	S	Sn	18 41 13.2 +4.0		
EARI	Arriondas 5.92 106 P 1.4nm,0.2s	5.92 106 P	P	Pn	18 40 04.1 +2.7	
EARI	1.4nm,0.2s	S	Sn	18 41 13.2 +4.0		
EARI	Arriondas 5.92 106 P 1.0nm,0.1s,SNR=20	5.92 106 P	P	Pn	18 40 04.1 +2.7	
EARI	1.0nm,0.1s,SNR=20	S	Sn	18 41 13.2 +4.0		
PCBR	Castelo Branco 6.74 141 eP 1.4nm,0.2s	6.74 141 eP	Pn	Sn	18 40 10.7 -2.0	
PCBR	1.4nm,0.2s	eSn	Pn	Sn	18 41 25.0 -4.6	
PCBR	Castelo Branco 6.74 141 eP 1.4nm,0.2s	6.74 141 eP	Pn	Sn	18 40 10.7 -2.0	
PCBR	1.4nm,0.2s	eSn	Pn	Sn	18 41 25.0 -4.6	
PMAFR	Mafra 6.84 155 eSn 2.2nm,0.2s	6.84 155 eSn	Sn	Sn	18 41 23.3 -8.6	
PMAFR	2.2nm,0.2s	eSn	Sn	Sn	18 41 26.1 -8.3	
PMAFR	Mafra 6.84 155 eSn 2.2nm,0.2s	6.84 155 eSn	Sn	Sn	18 41 23.3 -8.6	
PMAFR	2.2nm,0.2s	eSn	Sn	Sn	18 41 26.1 -8.3	
ELAN	Lanestosa 7.16 103 P 0.9nm,0.2s,SNR=6.5	7.16 103 P	P	Sn	18 41 42.0 +2.2	
ELAN	0.9nm,0.2s,SNR=6.5	S	Sn	Sn	18 41 42.0 +2.2	
ELAN	Lanestosa 7.16 103 P 0.9nm,0.2s,SNR=6.5	7.16 103 P	P	Pn	18 41 20.8 +2.4	
ELAN	0.9nm,0.2s,SNR=6.5	S	Sn	Sn	18 41 42.0 +2.2	
QUIF	Quistinic 7.30 65 eP 1.4nm,0.2s	7.30 65 eP	Pn	Sn	18 40 20.4 0.0	
QUIF	1.4nm,0.2s	eSn	Pn	Sn	18 41 41.0 -2.3	
QUIF	Quistinic 7.30 65 eP 1.4nm,0.2s	7.30 65 eP	Pn	Sn	18 40 20.4 0.0	
QUIF	1.4nm,0.2s	eSn	Pn	Sn	18 41 41.0 -2.3	
QUIF	Quistinic 7.30 65 eP 1.4nm,0.2s	7.30 65 eP	Pn	Sn	18 40 20.4 0.0	
QUIF	1.4nm,0.2s	eSn	Pn	Sn	18 41 41.0 -2.3	
ROSF	Roostrenen 7.38 61 eP 12nm,0.2s	7.38 61 eP	Pn	Sn	18 41 21.6 +0.2	
ROSF	12nm,0.2s	eSn	Pn	Sn	18 41 43.0 -2.2	
ROSF	Roostrenen 7.38 61 eP 12nm,0.2s	7.38 61 eP	Pn	Sn	18 41 21.6 +0.2	
ROSF	12nm,0.2s	eSn	Pn	Sn	18 41 43.0 -2.2	
ROSF	Roostrenen 7.38 61 eP 12nm,0.2s	7.38 61 eP	Pn	Sn	18 41 21.6 +0.2	
ROSF	12nm,0.2s	eSn	Pn	Sn	18 41 43.0 -2.2	
MOE	Montemor 7.53 151 eP 4.8nm,0.3s	7.53 151 eP	Pn	Sn	18 40 19.9 -3.6	
MOE	4.8nm,0.3s	eSn	Pn	Sn	18 41 40.7 -8.3	
MOE	Montemor 7.53 151 eP 4.8nm,0.3s	7.53 151 eP	Pn	Sn	18 40 19.9 -3.6	
MOE	4.8nm,0.3s	eSn	Pn	Sn	18 41 40.7 -8.3	
EVO	Evora 7.64 149 eP 4.8nm,0.3s	7.64 149 eP	Pn	Sn	18 40 20.8 -4.3	
EVO	4.8nm,0.3s	eSn	Pn	Sn	18 41 42.4 -9.3	
SGMF	Saint Gilles 7.80 63 eP 5.2nm,0.2s	7.80 63 eP	Pn	Sn	18 40 27.2 0.0	
SGMF	5.2nm,0.2s	eSn	Pn	Sn	18 41 52.4 -3.1	
SGMF	Saint Gilles 7.80 63 eP 5.2nm,0.2s	7.80 63 eP	Pn	Sn	18 40 27.2 0.0	
SGMF	5.2nm,0.2s	eSn	Pn	Sn	18 41 52.4 -3.1	
EBAD	Badajoz 7.84 143 P 2.6nm,0.2s	7.84 143 P	P	Pn	18 40 25.7 -2.1	
EBAD	2.6nm,0.2s	S	Sn	Sn	18 41 50.8 -5.8	
EBAD	Badajoz 7.84 143 P 2.6nm,0.2s	7.84 143 P	P	Pn	18 40 25.7 -2.1	
EBAD	2.6nm,0.2s	S	Sn	Sn	18 41 50.8 -5.8	
EBAD	Badajoz 7.84 143 P 2.6nm,0.2s	7.84 143 P	P	Pn	18 40 25.7 -2.1	
EBAD	2.6nm,0.2s	S	Sn	Sn	18 41 50.8 -5.8	
GUD	Guadarrama 7.94 122 P 4.0nm,0.2s,SNR=7.9	7.94 122 P	P	Pn	18 40 30.2 +1.1	

GUD	4.0nm,0.2s,SNR=7.9	S	Sn	18 41 59.8 +0.8	
GUD	0.6nm,0.2s,SNR=7.9	S	Sn	18 40 33.0 +2.8	
ECRI	Cripan 8.01 105 P 1.5nm,0.2s,SNR=7.9	8.01 105 P	P	Pn	18 42 03.0 +2.2
ECRI	1.5nm,0.2s,SNR=7.9	S	Sn	18 42 03.0 +2.2	
PBEJ	Beja 8.14 150 eP 1.3nm,0.2s,SNR=7.9	8.14 150 eP	Pn	Sn	18 40 28.5 -3.4
PBEJ	1.3nm,0.2s,SNR=7.9	eSn	Pn	Sn	18 41 55.5 -8.5
PTEO	Sao Teotonio 8.31 156 eSn 1.1nm,0.4s,SNR=7.9	8.31 156 eSn	Sn	Sn	18 40 41.0 +3.3
PTEO	1.1nm,0.4s,SNR=7.9	eSn	Sn	Sn	18 42 16.1 +3.3
EALK	Alkuruntz 8.50 99 P 3.4nm,0.3s,SNR=7.9	8.50 99 P	S	Sn	18 40 39.2 +2.4
EALK	3.4nm,0.3s,SNR=7.9	S	Sn	Sn	18 42 14.4 +1.6
ELIZ	Elizondo 8.50 100 P 0.9nm,0.2s,SNR=7.9	8.50 100 P	P	Pn	18 42 03.2 -1.1
ELIZ	0.9nm,0.2s,SNR=7.9	S	Sn	Sn	18 42 03.2 -1.1
MORF	Marmelete 8.55 156 eSn 4.0nm,0.1s	8.55 156 eSn	Sn	Sn	18 42 03.2 -1.1
MORF	4.0nm,0.1s	S	Sn	Sn	18 42 03.2 -1.1
MORF	Marmelete 8.55 156 eSn 4.0nm,0.1s	8.55 156 eSn	Sn	Sn	18 42 03.2 -1.1
MORF	4.0nm,0.1s	S	Sn	Sn	18 42 03.2 -1.1
ESDC	Sonseece Array 8.68 126 P 1.0nm,0.1s,baz=309,slow=13,SNR=5.4	8.68 126 P	P	Sn	18 42 16.0 -1.1
ESDC	1.0nm,0.1s,baz=309,slow=13,SNR=5.4	S	Sn	Sn	18 42 16.0 -1.1
ESDC	Sonseece Array 8.68 126 P 1.0nm,0.1s,baz=309,slow=13,SNR=5.4	8.68 126 P	P	Sn	18 42 16.0 -1.1
ESDC	1.0nm,0.1s,baz=309,slow=13,SNR=5.4	S	Sn	Sn	18 42 16.0 -1.1
EGRO	El Granado 8.72 150 P 0.6nm,0.2s,SNR=7.9	8.72 150 P	P	Pn	18 40 35.7 -4.1
EGRO	0.6nm,0.2s,SNR=7.9	S	Sn	Sn	18 42 09.4 -8.8
SJPF	Ste Jean 8.73 100 eP 2.2nm,0.4s,SNR=7.9	8.73 100 eP	Pn	Sn	18 40 41.1 +1.2
SJPF	2.2nm,0.4s,SNR=7.9	eSn	Pn	Sn	18 42 19.4 +1.0
SJPF	Ste Jean 8.73 100 eP 2.2nm,0.4s,SNR=7.9	8.73 100 eP	Pn	Sn	18 40 41.1 +1.2
SJPF	2.2nm,0.4s,SNR=7.9	eSn	Pn	Sn	18 42 19.4 +1.0
SJPF	Ste Jean 8.73 100 eP 2.2nm,0.4s,SNR=7.9	8.73 100 eP	Pn	Sn	18 40 41.1 +1.2
SJPF	2.2nm,0.4s,SNR=7.9	eSn	Pn	Sn	18 42 19.4 +1.0
EMIN	Mina Concepcio 8.82 145 P 0.8nm,0.2s,SNR=8.4	8.82 145 P	P	Sn	18 40 38.7 -2.5
EMIN	0.8nm,0.2s,SNR=8.4	S	Sn	Sn	18 42 13.3 -7.4
EMIN	Mina Concepcio 8.82 145 P 0.8nm,0.2s,SNR=8.4	8.82 145 P	P	Pn	18 40 38.7 -2.6
EMIN	0.8nm,0.2s,SNR=8.4	S	Sn	Sn	18 42 13.3 -7.4
GRR	Gorron 8.92 65 eP 10nm,0.3s	8.92 65 eP	Pn	Sn	18 40 42.9 +0.3
GRR	10nm,0.3s	eSn	Pn	Sn	18 42 16.9 -6.2
GRR	Gorron 8.92 65 P 10nm,0.3s	8.92 65 P	Pn	Sn	18 40 42.9 +0.3
GRR	10nm,0.3s	eSn	Pn	Sn	18 42 16.9 -6.2
MFF	Saint Martin d 9.08 77 eP 5.2nm,0.3s	9.08 77 eP	Pn	Sn	18 40 44.7 0.0
MFF	5.2nm,0.3s	eSn	Pn	Sn	18 42 24.3 -

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Calabor, Mosqueruela, San Caprasio, etc.

CASC 28 00:19:25.5-2.6, 1329N-8761W, h11km, 7km, MD3.7, ML3.6, 9C-3D, Honduras

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Conchagua, Bellamira, San Miguel, etc.

MOS 28 00:22:53.8-0.2, 4341N-4552E, h11km, mb3.6/1, 4C-4D, Eastern Caucasus

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Terskaya, Batakoyurt, Vladikavkaz, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Ardon, Lac, Kora, Tsey, Digorskoe uzhe.

MDD 28 00:29:26.4-2.8, 3596N-10114W, h0km, mblg2.4/5, Error ellipse: s-maj=25.1km s-min=20.1km az=99.0, PRXIMO

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Marmelete, Sao Teotonia, Sao Teotonia, etc.

IDC 28 00:42:51.2-1.5, 052S-12160E, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.5/15, mbtmp3.7/3, Error ellipse: s-maj=345.6km s-min=24.1km az=60.0, Minahassa Peninsula, Sulawesi

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

SFS 28 00:44:34.1, 3710N-556W, h0km, ML2.2 INMG 28 00:44:34.0-1.2, 3707N-558W, h6km, 2km, ML2.2, Error ellipse: s-maj=1.7km s-min=1.2km az=17.0

CSEM 28 00:44:34.1-0.1, 3704N-556W, h10km, ML2.8/11, Error ellipse: s-maj=2.0km s-min=1.2km az=170.0

MDD 28 00:44:34.2-0.2, 3707N-555W, h6km, 3km, mblg2.3/23, 2C, Error ellipse: s-maj=2.8km s-min=1.7km az=173.0, PRXIMO, Spain

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Lijar, Espera, Gibalbin, Jimena Fronter, Reales, Sierra Loja, Mina Concepcio, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Quantar, Banos Encina, Badajoz, Quesada, Berja, Marmelete, Sao Teotonia, Vianos, Soneca Array, Tobarra, Vila Torete, etc.

BJI 28 00:53:38.3, 1290N-8750W, h12km, mb5.8, Ms5.6, Msz5.1 NEIC 28 00:53:38.3-0.3, 1294N-8747W, mb5.4/161, MS5.3/12, MD5.3(NET), Error ellipse: s-maj=8.2km s-min=3.8km az=25.0

NEIC Felt at Esteli, Felt [V] at Meanguera del Golfo, El Salvador and [I] at Tegucigalpa, Honduras. Also felt at Choliteca, Santa Lucia and Zambrano Ionduras. GCMT 28 00:53:38.3-0.2, 1282N-8770W, h12km, MWS.3/89,

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res. Includes stations like EYL, HRT, BTK, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res. Includes stations like SAOF, SBF, SAUTN, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res. Includes stations like JASL, AJM, BHJ, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res. Includes stations like GRW, TBG, CNCH, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res. Includes stations like BRTR, BRTR, TIRR, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res. Includes stations like NEIC, GUC, PACH, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res. Includes stations like IHA, PTCH, PEL, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res. Includes stations like CMCH, RCDM, CLCH, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res. Includes stations like LNV, CHCH, TLL, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res. Includes stations like NEIC, HUG, CMIG, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res. Includes stations like LDG, HUG, CMIG, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res. Includes stations like AGRA, AGRA, AGRA, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res. Includes stations like KLP, KLP, KLP, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res. Includes stations like KOLN, KOLN, KOLN, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res. Includes stations like PULCHOKI, GUMBU, JIRN, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res. Includes stations like FITZ, FITZ, FITZ, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res. Includes stations like MWBA, WRA, WB2, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res. Includes stations like TRN, CRATER, GRIC, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res. Includes stations like JAT, JAT, JAT, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res. Includes stations like TER, TER, TER, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res. Includes stations like CGIG, SNET, SNET, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res. Includes stations like CMIG, CMIG, CMIG, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res. Includes stations like OXX, VHO, VHO, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res. Includes stations like CONN, MADM, PNEG, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res. Includes stations like SOR, SOR, SOR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LNI, ZAIG, MG, ANIG, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like RSD, CTU, DUG, DUG, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like RPN, SCHO, SCHO, SCHO, etc.

Table with columns: ETSF, Etsaut, 81.42, 48, eP, P, 03 20 33.6 -0.3. Includes stations like Etsaut, Bilibino, La Frestale, etc.

Table with columns: LPGA, La Plagne, 85.93, 44, eP, P, 03 20 56.6 -0.4. Includes stations like Bardonecchia, Arces, Montbardon, etc.

Table with columns: KKN, Kakani, 138.36, 4, eP, PKPdf, 03 27 44.8 +2.9. Includes stations like Daman, Pulchoki, Kunming, etc.

ISCJB 28 03:37:56.8±0.5, 3650N-003:6965E±0.07, h186km,8km, mb3.7/8, Error ellipse: s-maj=9.6km s-min=4.6km az=152.2

MOS 28 03:37:57.3±1.8, 3649N-6958E, h189km, mb4.0/1, Error ellipse: s-maj=20.5km s-min=10.1km az=91.5

NEIC 28 03:37:58.2±3.1, 3644N-6971E, h191km, mb3.6/3, Error ellipse: s-maj=24.8km s-min=15.1km az=193.0

KUDL 28 03:38:01.3±5.3, 3642N-6964E, h223km, 5km, mb3.3/8, mb1.3/4/12, mb1mx3.2/23, mbtmp3.9/12, Error ellipse: s-maj=28.5km s-min=17.6km az=3.0

NMC 28 03:38:20.0±6.7, 3686N-6994E, h0km, mb4.0, mpv3.3, Error ellipse: s-maj=66.9km s-min=38.9km az=13.0

ISC 28 03:37:57.7±1.5, 3650N-003:6964E±0.07, h179km,7km, m61, c1=107/72, mb3.7/8, 3C-4D, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cherat, Thame Wali, Chirah Chowk, etc.

Table with columns: GNI, GNI, GNI, NVS, BRTR, AKASG, AKASG, ARCES, ARCES, NOA, KEST, WRO, TORO, ASAR. Includes station names, coordinates, and various parameters.

CASC 28 03:51:42.6:1.3, 1125N-8562W, h186km, 5km, MD3.5, ML2.9, 8C-7D, Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Villa Maderas, SSNN, CONN, LIM1, TICN, etc.

CASC 28 03:59:32.4:2.3, 1329N-8760W, h8km, gkm, MD4.1, ML4.0, 8C-3D, Honduras

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

MAN 28 04:05:35.7, 721N-12669E, h28km, mb3.2, ML4.5, MS3.9, 1C-1D, Mindanao

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

GUC 28 04:13:12.0:0.6, 3231S-7165W, h9km, 46km, MD4.0, ML3.0, 2C-1D, Near coast of central Chile

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

IGQ 28 04:26:22.8, 266S-7747W, h33km, 5km, Mb4.3, Ms4.1, 2C-16D, Error ellipse: s-maj=5.5km s-min=2.1km az=112.8, Peru-Ecuador border region

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

Table with columns: LAV3, LAV3, CONE, JUAZ, CAYR, CGP, TERV, PINO, YANA, CAYA, COTA, MAGI. Includes station names and coordinates.

CASC 28 04:30:02.4:1.4, 1320N-8758W, h16km, gkm, MD3.5, ML2.7, 2C-2D, Honduras

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

CASC 28 04:55:08.1:2.3, 1328N-8763W, h19km, 13km, MD3.5, ML2.7, 4C-4D, Honduras

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

IS/CJB 28 05:00:01.5:0.4, 3154N-005x11315E-004, h10km, mb4.1/14, MS2.7/2, Error ellipse: s-maj=7.5km s-min=4.1km az=56.2

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

IS/C 28 05:00:03.0:2.0, 5.3160N-11339E, h10km, mb4.0/3, Error ellipse: s-maj=12.2km s-min=7.1km az=71.0

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

IS/C 28 05:00:03.4, 3148N-11302E, h16km, mb4.5, mb4.5, ML4.1, Ms3.9, Ms2.3

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

IS/C 28 05:00:03.0:0.4, 3153N-005x11311E-004, h10km, n30, s109/35, mb4.1/14, MS2.7/2, D, Southeastern China

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

IS/C 28 05:00:03.0:0.4, 3153N-005x11311E-004, h10km, n30, s109/35, mb4.1/14, MS2.7/2, D, Southeastern China

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

Table with columns: ZAL, BVAR, BRVK, CHKZ, FITZ, WRA, AS31, ASAR, JOF, ARCES, FINES, BRTR, NOA. Includes station names and coordinates.

IDC 28 05:00:21.5:4.4, 2189S-14828E, h0km, mb1 3.2/4, mb1mx3.2/1.1, mbtmtp3.0/4, ML2.9/4, Error ellipse: s-maj=43.3km s-min=22.9km az=73.0, Queensland

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

MOS 28 05:36:46.2:2.3, 4970N-15544E, h5km, mb4.2/6, Error ellipse: s-maj=35.5km s-min=9.1km az=71.1

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

KRSC 28 05:36:57, 4994N-15700E, h5km, ML4.0, h79km, gkm, n33, s15/40, mb3.8/9, 1C, Kuril Islands

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

PET 28 05:36:57, 4994N-15700E, h5km, ML4.0, h79km, gkm, n33, s15/40, mb3.8/9, 1C, Kuril Islands

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

PET 28 05:36:57, 4994N-15700E, h5km, ML4.0, h79km, gkm, n33, s15/40, mb3.8/9, 1C, Kuril Islands

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

PET 28 05:36:57, 4994N-15700E, h5km, ML4.0, h79km, gkm, n33, s15/40, mb3.8/9, 1C, Kuril Islands

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

PET 28 05:36:57, 4994N-15700E, h5km, ML4.0, h79km, gkm, n33, s15/40, mb3.8/9, 1C, Kuril Islands

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MK31 Makanchi Array, MK31 1.0nm, 0.4s, baz=28, slow=13, SNR=5.4, MK31 2.7nm, 0.6s, baz=33, slow=30, SNR=5.4, etc.

KRSC 28 05:58:18, 5282N-16047E, h22km, ML3.5, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SPN Mys Shipunski, SPN Nalytchevo, NLC Nalytchevo, etc.

NEIC 28 05:59:20.4, 1522N-9617W, h10km, MD3.8, (MEX), After MEX.

MEX 28 05:59:22.1, 1538N-9620W, h11km, 1.05km, MD3.8, Near coast of Oaxaca

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

CASC 28 06:04:12.5, 1.4, 1323N-8759W, h20km, 1.13km, MD3.5, ML2.6, 3C-10, Honduras

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CNCH Conchagua, CNCH Conchagua, TELN Telica, etc.

KNET 28 06:36:44.8, 0.5, 4212N-7542E, h1km, 1.3km, m2.3, Error ellipse: s-maj=4.0km s-min=2.5km az=171.0

ISCJB 28 06:36:45.0, 0.6, 4211N-005-7544E, 0.04, h3km, 6km, Error ellipse: s-maj=8.0km s-min=4.8km az=143.9

ISC 28 06:36:45.6, 0.5, 4209N-004-7544E, 0.04, h6km, 6km, n12, c=055/23, 13C-7D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KZA Kyzart, KZA Kyzart, ULHL Ulahol, etc.

NEIC 28 06:47:00, 4090N-14210E, h62km, Mw3.9 Best double couple: M=7.35000-1014, NP1=28.00000, 875.00000, 1.92.00000. NP2=200.00000, 815.00000, 1.83.00000. IDC 28 06:47:15.5, 4.2, 4129N-14226E, h0km, mb3.8/3, mb1 3.8/4, mb1mx3.6/22, mbtmp3.7/4, ML3.1/1, Error ellipse: s-maj=87.7km s-min=40.7km az=106.0

ISCJB 28 06:47:21.1, 0.5, 4092N-004-14202E, 0.06, h68km, 5km, mb3.6/3, Error ellipse: s-maj=8.8km s-min=5.1km az=58.9

JMA 28 06:47:21.3, 0.1, 4091N-14213E, h50km, MG3.7, (JMA), After JMA.

ISC 28 06:47:21.8, 0.5, 4091N-14213E, h50km, MG3.7, (JMA), After JMA.

ISC 28 06:47:21.8, 0.5, 4091N-14213E, h50km, MG3.7, (JMA), After JMA.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JANG Nango, JANG Nango, JTM Tenmabayashi, etc.

ISCJB 28 06:52:2.2, 2.6, 606S-007-1475E, 0.1, h21km, 19km, mb3.8/7, MS3.1/2, Error ellipse: s-maj=23.4km s-min=12.0km az=8.5

IDC 28 06:52:28.9, 2.3, 618S-14739E, h57km, 19km, mb3.5/6, mb1 3.8/9, mb1mx3.7/15, mbtmp3.8/9, ML3.5/3, MS3.2/3, Ms1 3.2/3, ms1mx2.5/22, Error ellipse: s-maj=31.7km s-min=14.0km az=100.0

NEIC 28 06:52:29.9, 2.2, 619S-14741E, h69km, 17km, mb4.2/3, Error ellipse: s-maj=19.3km s-min=15.3km az=62.0

ISC 28 06:52:29.7, 1.6, 620S-009-1474E, 0.1, h65km, 15km, n19, c=90/52, mb3.7/7, 1D, Eastern West Guinea region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PMG Port Moresby, PMG Port Moresby, CTA Charters Tower, etc.

WRA 28 06:55:03.9, 1.8, 52N-02-1256E, 0.04, h87km, 21km, n6, c=142/7, mb4.0/4, Mindanao

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

ISC 28 06:55:03.9, 1.8, 52N-02-1256E, 0.04, h87km, 21km, n6, c=142/7, mb4.0/4, Mindanao

ISC 28 06:55:03.9, 1.8, 52N-02-1256E, 0.04, h87km, 21km, n6, c=142/7, mb4.0/4, Mindanao

ISC 28 06:55:03.9, 1.8, 52N-02-1256E, 0.04, h87km, 21km, n6, c=142/7, mb4.0/4, Mindanao

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KCP Kidapawan, KCP Kidapawan, BUKP Musuan, etc.

IDC 28 07:07:07.6, 2.2, 3580N-14121E, h0km, mb3.6/4, mb1 3.6/6, mb1mx3.5/22, mbtmp3.6/6, ML3.5/2, Error ellipse: s-maj=55.4km s-min=20.7km az=57.0

ISCJB 28 07:07:13.9, 0.8, 3570N-004-14089E, 0.08, h55km, 5km, mb3.5/4, Error ellipse: s-maj=11.4km s-min=5.7km az=139.4

JMA 28 07:07:14.8, 0.1, 3570N-14076E, h48km, 1km, M3.1

JMA Felt 1 J1, NEIC 28 07:07:14.9, 3571N-14076E, h48km, MG3.1, (JMA), After JMA.

ISC 28 07:15:0.0, 0.7, 3570N-004-14087E, 0.08, h47km, 5km, n20, c=91/29, mb3.5/4, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CHOJ Chosi, CHOJ Chosi, JCN Nagara, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JYT Yasato, JYT Yasato, BSO4 Boso 4, etc.

ISCJB 28 07:13:14.5, 0.3, 351N-003-12293E, 0.04, h528km, 3km, mb4.6/6, Error ellipse: s-maj=5.9km s-min=4.4km

MOS 28 07:13:14.6, 0.9, 350N-12292E, h532km, mb4.6/18, Error ellipse: s-maj=16.1km s-min=7.2km az=101.1

BJI 28 07:13:14.7, 3.32N, 12314E, h559km, mb4.9, mb4.9

IDC 28 07:13:15.5, 0.9, 350N-12303E, h528km, 9km, mb3.9/21, mb1 3.9/21, mb1mx3.8/27, mbtmp4.7/21, Error ellipse: s-maj=11.7km s-min=6.4km az=78.0

NEIC 28 07:13:15.7, 0.5, 349N-12288E, h530km, 6km, mb4.7/18, Error ellipse: s-maj=7.9km s-min=4.8km az=82.0

ISC 28 07:13:15.5, 0.3, 350N-003-12294E, 0.04, h526km, 3km, h528km, 4.3km, pp-P, n172, c=998/175, mb4.6/6, 16C-8D,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KCP Kidapawan, KCP Kidapawan, PAGZ Pagadian, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like Lanzhou, Neumayer-Stat, Black Hills, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like Pernice, Vitosa, Champ du Feu, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like PET, MAT, MJAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AVH Avacha, NLY Nalytchevo, RUS Russkaya, etc.

IDC 28 12:27:03.1.0.9, 1241N, 12397E, h0km, mb4.1/8, mb1.4/2.9, mb1.9/2.21, mbmtmp4.1/9, ML4.5/1, MS3.6/8, MS1.3.6/8, ms1mx3.2/29, Error ellipse: s-maj=39.9km s-min=16.2km az=65.0

ISCJB 28 12:27:04.3.0.9, 1238N, 002.12376E, 0.04, h13km, 6km, mb4.2/14, MS3.7/9, Error ellipse: s-maj=6.2km s-min=3.6km az=137.6

MAN 28 12:27:04.5, 1239N, 12368E, h11km, mb3.7, ML4.8, MS2.4, Error ellipse: s-maj=21.8km s-min=7.3km az=65.0

BUJ 28 12:27:07.0, 1240N, 12390E, h25km, mb4.2, Error ellipse: s-maj=12.7km s-min=12.7km az=137.6

ISC 28 12:27:04.0.0.8, 1238N, 002.12377E, 0.04, h2km, 5km, n56, b0897/61, mb4.2/14, MS3.5/7, AC-20, Luzon

Main table for 28d 13h section, listing station codes, names, and coordinates for various locations like Masbate, Virac, Roxas, etc.

IDC 28 12:43:19.1.5.8, 2233S, 17728W, h386km, 152km, mb3.1/4, mb1.3/3.6, mb1mx3.1/15, mbmtmp4.1/6, Error ellipse: s-maj=120.8km s-min=30.7km az=92.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AFI Afiamalu, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include URZ, CTA Charters Tower, STKA Stephens Creek, etc.

NIED 28 12:47:00, 37.10N, 143.20E, h5km, Mw3.7 Best double couple: M0.4, 71000, 1014 NP1: 33.00000, 849.00000, 1.98.00000, NP2: 20.00000, 842.00000, 1.81.00000

IDC 28 12:47:49.1.4, 3.710N, 143.55E, h0km, mb4.0/6, mb1.4/1.9, mb1mx3.9/24, mbmtmp4.0/9, ML3.9/3, Error ellipse: s-maj=40.2km s-min=18.5km az=77.0

JMA 28 12:47:48.2.0.2, 37.10N, 143.25E, h11km, M3.8, Error ellipse: s-maj=17.2km s-min=11.8km az=121.1

ISCJB 28 12:47:50.7.0.6, 37.13N, 143.32E, h0.6km, h33km, mb4.0/11, Error ellipse: s-maj=7.1km s-min=5.0km az=22.7

NEIC 28 12:47:53.1.0.8, 37.06N, 143.36E, h35km, mb4.4/4, Error ellipse: s-maj=15.8km s-min=14.0km az=133.0

ISC 28 12:47:49.1.9, 3.710N, 143.28E, 0.07, h10km, 13km, n43, 0.989/51, mb4.0/11, Off east coast of Honshu

Main table for 2006 OCT section, listing station codes, names, and coordinates for various locations like Kawauchi, Iwakimizuishi, Ouri, etc.

NIED 28 13:15:00, 37.50N, 141.50E, h56km, Mw3.6 Best double couple: M3.15000, 1014 NP1: 28.00000, 865.00000, 1.73.00000, NP2: 24.00000, 831.00000, 1.22.00000

JMA 28 13:15:15.6.0.1, 3.752N, 141.46E, h48km, 1km, M3.6, 9D Broadband fault plane solution: P waves, NP1: 20.00000, 818.00000, 1.09.00000, NP2: 0.70000, 873.00000, 1.84.00000, Principal axes: T: P1g61.00000, Azm269.00000, N: P1g6.00000, Azm9.00000; P: P1g28.00000, Azm102.00000; Near east coast of eastern Honshu

Main table for 2006 OCT section, listing station codes, names, and coordinates for various locations like Kawauchi, Marumori, Iwakimizuishi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MAT Matsuhiro, etc.

IDC 28 13:27:26.5.0.8, 51.03N, 178.26E, h0km, mb4.1/13, mb1.4.3/14, mb1mx4.1/24, mbmtmp4.1/14, ML4.3/1, MS3.6/6, MS1.3.6/6, ms1mx3.2/34 Error ellipse: s-maj=23.8km s-min=16.8km az=168.0

BUJ 28 13:27:28.7, 51.95N, 177.82E, h4km, mb4.8, mb4.6, Ms4.6, Ms4.2

NEIC 28 13:27:29.3, 51.01N, 178.33E, h4km, mb4.6/16, ML4.0(AEIC), After AEIC

MOS 28 13:27:30.1.1.0, 51.16N, 178.40E, h33km, mb4.7/24, Error ellipse: s-maj=13.5km s-min=9.1km az=117.3

ISCJB 28 13:27:31.5.0.8, 51.20N, 009.17835E, 0.05, h43km, 6km, mb4.5/43, MS3.8/13, Error ellipse: s-maj=15.5km s-min=5.5km az=167.7

ISC 28 13:27:33.1.0.8, 51.22N, 010.17836E, 0.06, h43km, 6km, h34km, 2.6km, p-P, n104, 0.8991/104, mb4.5/43, MS3.8/13, 5C-10, Flat Islands

Main table for 2006 OCT section, listing station codes, names, and coordinates for various locations like Amchitka, Shemya, Attu Island, etc.

Table with columns: LZH, Lanzhou, 53.70 284, eP, P, 13 36 50.2 -0.5, etc. Includes stations like WMO, ARCES, GYA, MK31, MKAR, ZRNK, ARU, KMI, FINES, AAK, NB2, NOA, NOB, OBN, GUN, JIRN, KKN, PKI, DMN, KOLD, AKASG.

Table with columns: AKASG, Main Array Be, 75.12 340, P, pmax, 13 39 10.9 +0.2, etc. Includes stations like GOF, KIV, ZEI, GNI, WRA, WRA, WRA, WRA, BRTR, BRTR, BRTR, TSUM, TSUM, MAW, MAW, MAW, NEIC, FUNV, Code, Station Name, Az, AzZ, Phase ID, Time, Res.

Table with columns: PPT, Papeete, 41.47 309, eS, S, 13 38 26.3 -5.2, etc. Includes stations like PPT, PPT, RAR, TAOE, VNA3, VNA3, VNA3, VNA1, VNA1, VNA2, VNA2, SNA3, SNA3, CPUP, CPUP, CPUP, LPAZ, LPAZ, LPAZ, SYO, SYO, MAW, MAW, MAW, MAW, ROSC, ROSC, STKA, STKA, LPAG, LPAG, HNR, HNR, CTAO, CTAO, TXAR, TXAR, TXAR, RCBR, RCBR, ASAR, ASAR, ASAR, ISAB, ISAB, WRA, WRA, TKL, TKL, PDAR, PDAR, PDAR, HLID, HLID, RSSD, RSSD, BOSA, BOSA, NEWP, NEWP, CD2, CD2, LZH, LZH, GERES, GERES, SONM, SONM, BRTR, BRTR, WMO, WMO, MKAR, MKAR, CASC, CASC, Code, Station Name, Az, AzZ, Phase ID, Time, Res.

28d 13h

2006 OCT

ellipse: s-maj=0.0km s-min=0.0km az=1.0
ISC 28 13:55:30.3.0.2.4573KN.0010.1566E.001,h8km1.1km,
n295,r12/464,m3.5/3,MS2.9/2,52C-47D,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details for the Northwestern Balkan Peninsula.

Main table with columns: Station Name, Az, Phase ID, Time, Res, and station details for various stations including MPR1, PKPS, SOP, ZOU, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res, and station details for stations including DAVA, DAMUELS, KECEVO, etc.

Table with columns: SBF, comp-Z, eSg, Sg, 13 58 44.4 -3.4, 13 57 03.7 +2.2, 13 58 08.7 -3.3, 13 57 03.0 +0.8, 13 57 02.5 +0.2, 13 57 02.3 -0.2, 13 58 11.7 -2.2, 13 57 01.9 -1.0, 13 58 10.8 -3.7, 13 57 01.9 -1.0, 13 58 10.8 -3.7, 13 57 02.4 -0.6, 13 57 02.4 -0.6, 13 58 09.8 -5.0, 13 57 02.4 -0.6, 13 58 09.8 -5.0, 13 57 02.4 -0.6, 13 58 09.8 -5.0, 6.28 118.11 J/P, 6.28 118.11 J/P, 6.28 288 P, 6.31 298 ePn, 13 57 53.7 -1.1, 13 57 04.0 +0.3, 13 57 03.5 -0.8, 13 58 12.6 -4.6, 13 57 03.5 -0.8, 13 58 12.6 -4.6, 13 57 06.1 +1.7, 13 57 06.0 +1.7, 13 57 06.1 +1.7, 13 57 04.3 -0.4, 13 58 13.8 -4.0, 13 57 04.3 -0.4, 13 58 13.8 -4.0, 13 57 04.3 -0.4, 13 58 13.8 -4.0, 6.60 89 J/P, 6.60 89 J/P, 6.63 173 ePn, 6.63 173 ePn, 6.70 281 ePn, 13 59 04.2 -1.2, 13 57 09.2 -0.7, 13 58 22.9 -4.2, 13 57 09.2 -0.7, 13 58 22.9 -4.2, 13 57 08.5 -1.4, 13 57 08.7 -1.6, 13 58 23.0 -4.8, 13 57 08.7 -1.6, 13 58 23.0 -4.8, 13 57 12.0 -4.0, 13 58 27.7 -3.9, 13 57 12.0 -4.0, 13 58 27.7 -3.9, 13 57 15.3 +2.9, 13 58 38.5 +6.9, 13 57 12.4 -0.4, 13 58 27.1 -5.2, 13 57 12.4 -0.4, 13 58 27.1 -5.2, 13 57 18.4 +2.3, 14 00 11.9, 13 57 15.4 -0.7, 13 57 18.4 +2.3, 14 00 11.9, 13 57 17.8 -0.6, 13 58 38.1 -4.3, 13 57 23.4 -0.7, 13 58 47.2 -5.4, 13 57 23.4 -0.7, 13 58 47.2 -5.4, 13 57 29.4 +1.6, 13 57 28.9 -1.4, 13 58 58.7 -4.9, 13 59 52.9 +4.9, 13 57 28.9 -1.4, 13 58 58.7 -4.9, 13 57 28.9 -1.4, 13 58 58.9 -5.5, 13 57 28.9 -0.9, 13 58 58.9 -5.5, 13 57 28.9 -0.9, 13 58 58.9 -5.5, 8.33 187 LR, 14 01 12.6, 13 57 34.1 +2.5, 13 57 34.1 +2.4, 8.41 276 P, 13 57 30.7 -2.6, 13 57 35.9, 13 57 32.8 -0.9, 13 58 09.5 +3.6, 13 57 32.9 -1.4, 13 59 04.4 -6.5, 13 57 32.9 -1.4, 13 59 04.4 -6.5, 13 59 04.4 -6.5, 8.59 281 ePn, 13 57 34.4 -0.5, 13 57 36.7 -0.4, 13 57 41.6 +3.6, 14 00 15.0 +5.8, 13 57 35.9 -2.1, 13 57 41.6 +3.6, 13 57 39.3 -0.3, 13 57 44.4 -1.3

Table with columns: RJF, Les Rejaudoux, 9.94 272 ePn, Pn, 13 57 51.5 -1.9, HFS, Hagfors, 14.74 356 Pn, Pn, 13 58 00.0 +5.0, HFS, comp-Z, 2.1nm, 0.3s, baz=174, slow=13, SNR=2.3, 14 04 07.6, NORSAR Subarra, 15.53 352 P, Pn, 13 59 08.8 -0.7, NORSAR Array B, 15.53 352 P, Pn, 13 59 08.7 -0.9, ESDC, comp-Z, 2.9nm, 21.4s, baz=160, slow=39, LR, LR, 14 05 35.0, FINES, FINESS Array B, 16.84 17 Pn, Pn, 13 59 26.6 +0.1, MMTAI, Mount Meron Ar, 19.81 123 P, Pn, 14 00 02.2 -0.5, MDT, Midelt, 20.26 237 LR, LR, 14 06 47.2, ARCES, ARCES Array B, 24.35 8 P, Pn, 14 00 49.1 +0.5, ARCES, comp-Z, 5.2nm, 1.0s, mb3.9, baz=184, slow=11, SNR=3.0, LR, LR, 14 10 39.5, ARCES, ARCES Array B, 24.35 8 P, Pmax, 14 00 49.1 +0.5, ARCES, comp-Z, 5.0nm, 1.1s, MLR, MLR, 14 03 62.2 +1.7, ARCES, comp-Z, 5.60nm, 20.3s, MLR, MLR, 14 02 18.9 -0.8, TORO, Torodi Ar, Beq, 34.60 204 P, Pn, 14 03 47.7 -0.8, MKAR, Makanchi Array, 44.79 64 P, Pn, 14 03 43.7 -0.8, comp-Z, 0.2nm, 0.5s, mb3.2, baz=291, slow=6.3, SNR=3.9

JMA 28 14:02:36.0±0.3, 4400N:14809E, h1km, M3.5, Kuril

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, NEM2, Nemuro 2, 1.82 250 P, Pn, 14 03 08.9 +0.5, NEM2, Nemuro 2, 1.82 250 P, Pn, 14 03 32.6 +0.5, JRA, Rausu, 2.14 269 P, Pn, 14 03 13.4 +0.5, JNK, Nakash, 2.48 262 P, Pn, 14 03 18.3 +0.8, JNK, Nakash, 2.48 262 P, Pn, 14 03 02.2 +0.9, JAK, Akkeshi, 2.67 249 P, Pn, 14 03 21.2 +1.1, JAK, Akkeshi, 2.67 249 P, Pn, 14 03 54.1 +1.1, JAR, Ashorobuto, 3.21 259 P, Pn, 14 03 29.5 +1.9, JAR, Ashorobuto, 3.21 259 P, Pn, 14 04 08.9 +2.4, JCH, Churui, 3.72 250 P, Pn, 14 03 20.3 +1.3, JCH, Churui, 3.72 250 P, Pn, 14 04 20.3 +1.3, JNBK, Urakawa-nobuka, 4.27 248 P, Pn, 14 04 04.0 +1.9, JNBK, Urakawa-nobuka, 4.27 248 P, Pn, 14 04 34.0 +1.5, JKB, Kayabe, 5.59 250 P, Pn, 14 04 02.0 +1.7, JKB, Kayabe, 5.59 250 P, Pn, 14 05 06.0 +0.8, JOT, Ohata, 5.81 246 P, Pn, 14 04 04.6 +1.3, JOT, Ohata, 5.81 246 P, Pn, 14 05 10.7 +0.1

GRAL 28 14:26:30.7±0.0, 3442N:3690E, h0km, 999km, MD3.1, CSEM 28 14:26:32.0±0.1, 3449N:3695E, h1km, Mc1.5, Error ellipse: s-maj=2.8km s-min=1.7km az=91.0, Suspected Mining explosion.

GII 28 14:26:32.8±0.0, 3452N:3666E, h0km, 912.0, ISCJB 28 14:26:32.0±0.4, 3443N:002:3670E:003, h0km, Error ellipse: s-maj=3.8km s-min=2.2km az=71.7, NSSC 28 14:26:33.3±0.0, 3440N:3669E, h3km, 2km, ISC 28 14:26:33.5±0.4, 3443N:002:3670E:003, h0km, m27, ±120/47, 6D, Jordan - Syria region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, RABH, Abou Rabah, 0.42 90 J/P, Sg, 14 26 48.5 +1.6, RABH, Abou Rabah, 0.42 90 J/P, Sg, 14 26 48.5 +1.6, MARH, Ras Al Marh, 0.45 204 J/P, Sg, 14 26 40.0 +2.1, MARH, Ras Al Marh, 0.45 204 J/P, Sg, 14 26 40.0 +2.1, ROOS, Il_alroos, 0.55 118 J/P, Sg, 14 26 44.0 -0.9, ROOS, Il_alroos, 0.55 118 J/P, Sg, 14 26 44.0 -0.9, ROOS, Il_alroos, 0.55 118 J/P, Sg, 14 26 52.0 +0.7, ROOS, Il_alroos, 0.55 118 J/P, Sg, 14 26 52.0 +0.7, HWQ, Hawqa, 0.64 256 ePn, Pn, 14 26 45.4 -0.5, HWQ, Hawqa, 0.64 256 ePn, Pn, 14 26 55.4 +1.2, QASN, Qassioun, 0.97 202 J/P, Sg, 14 26 51.0 -1.1, QASN, Qassioun, 0.97 202 J/P, Sg, 14 26 51.0 -1.1, BHL, Bhnnes, 1.02 239 ePn, Pn, 14 27 04.0 -0.6, BHL, Bhnnes, 1.02 239 ePn, Pn, 14 27 04.0 -0.6, BHL, Bhnnes, 1.02 239 ePn, Pn, 14 27 07.2 +0.9, BHL, Bhnnes, 1.02 239 ePn, Pn, 14 26 53.0 -1.5, TOT, TOTAH, 1.09 192 J/P, Sg, 14 26 55.0 -2.5, BRBR, Barbar, 1.20 212 J/P, Sg, 14 27 11.0 -1.0, BRBR, Barbar, 1.20 212 J/P, Sg, 14 26 53.0 -1.5, RCH, Raychaya, 1.20 218 J/P, Sg, 14 26 53.0 -1.5, SLNF, Slenfeh, 1.22 341 J/P, Sg, 14 27 14.4 +1.5, SLNF, Slenfeh, 1.22 341 J/P, Sg, 14 26 57.0 0.0, SLNF, Slenfeh, 1.22 341 J/P, Sg, 14 27 14.0 +1.1, KSDI, Kefar Szold, 1.51 215 Pn, Pn, 14 27 01.1 -0.8, KSDI, Kefar Szold, 1.51 215 Pn, Pn, 14 27 35.3 +1.3, ARNB, Ai Arnab, 1.54 337 J/P, Sg, 14 27 01.0 -1.3, ARNB, Ai Arnab, 1.54 337 J/P, Sg, 14 27 22.0 -1.0, KSHT, Keshet, 1.63 207 Pn, Pn, 14 27 02.7 -0.8, KSHT, Keshet, 1.63 207 Pn, Pn, 14 27 26.3 +1.2, SALA, Sala, 1.72 179 J/P, Sg, 14 27 12.4 +1.6, SALA, Sala, 1.72 179 J/P, Sg, 14 27 25.9 -2.0, SALA, Sala, 1.72 179 J/P, Sg, 14 27 03.0 -1.7, SALA, Sala, 1.72 179 J/P, Sg, 14 27 25.0 -2.3, MMC2, Mount Meron ar, 1.78 218 Pn, Pn, 14 27 05.7 +0.1, MMC2, Mount Meron ar, 1.78 218 Pn, Pn, 14 27 05.6 0.0, MMC2, Mount Meron ar, 1.78 218 Pn, Pn, 14 27 12.4 +1.6, MMC6, Mount Meron ar, 1.79 218 Pn, Pn, 14 27 05.7 +0.1, MMC6, Mount Meron ar, 1.79 218 Pn, Pn, 14 27 06.2 -0.4, HNTI, Hanita, 1.85 224 Pn, Pn, 14 27 31.8 +1.1, GLH, Golan-Tel Qazi, 1.93 207 Pn, Pn, 14 27 07.7 +0.2, GLH, Golan-Tel Qazi, 1.93 207 Pn, Pn, 14 27 34.3 +1.8, MMLI, Mount Malkishu, 2.26 209 Pn, Pn, 14 27 12.4 +1.6, MMLI, Mount Malkishu, 2.26 209 Pn, Pn, 14 27 42.6 +1.8, MMLI, Mount Malkishu, 2.26 209 Pn, Pn, 14 27 12.5 +0.3, OFRI, Ofer, 2.31 219 Pn, Pn, 14 27 13.4 +0.6, HMDT, Nahal Hemdat, 2.39 205 Pn, Pn, 14 27 14.4 +0.5, HMDT, Nahal Hemdat, 2.39 205 Pn, Pn, 14 27 44.4 +2.6

NIED 28 14:36:00.2270N:121.30E, h74km, Mw4.1, Best double couple: Mo1.370000:1015 NP1.36136.00000:865.00000, lambda.000000. NP2.36100.00000:839.00000:lambda.137.000000.

BUI 28 14:36:45.7, 2253N:121.39E, h15km, mb4.3, IDC 28 14:36:45.7±0.9, 2246N:121.11E, h0km, mb3.8/8, mb1.4/0.8, mb1mx3.8/2.1, mbtmp3.9/8, Error ellipse: s-maj=42.9km s-min=16.2km az=71.0, NEIC 28 14:36:51.5±1.6, 2247N:121.21E, h44km, 16km, mb4.5/4, Error ellipse: s-maj=23.0km s-min=8.2km az=67.0, ISCJB 28 14:36:51.5±1.1, 2255N:008:121.17E:005, h3km, 11km, mb4.0/1.0, Error ellipse: s-maj=10.5km s-min=7.3km az=31.3

JMA 28 14:36:54.7±0.3, 2266N:121.35E, h113km, M3.6, ISC 28 14:36:52.8±0.1, 2256N:006:121.16E:005, h5km, 11km, n30, e98/37, mb4.0/1.0, Taiwan region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, NACB, Ninganchiao, 1.66 14 ePn, Pn, 14 37 18.3 -1.2, NACB, Ninganchiao, 1.66 14 ePn, Pn, 14 37 18.3 -1.2, YHNB, Yeheng, 2.11 5 ePn, Pn, 14 37 26.2 +0.6, YHNB, Yeheng, 2.11 5 ePn, Pn, 14 37 49.3 -1.5, TATO, Taipei, 2.42 7 ePn, Pn, 14 37 29.7 -0.3, TATO, Taipei, 2.42 7 ePn, Pn, 14 37 33.0 +1.4, YOJ, Yanaguni jima, 2.52 4 J/P, Sg, 14 37 12.4 +1.6, YOJ, Yanaguni jima, 2.52 4 J/P, Sg, 14 37 36.8 +1.0, HATJ, Hateruma jima, 2.85 58 P, S, 14 38 08.5 -0.5, HATJ, Hateruma jima, 2.85 58 P, S, 14 37 38.1 +0.9, IRIF, Iriomote-Funau, 2.95 53 P, S, 14 38 11.6 +0.3, IRIF, Iriomote-Funau, 2.95 53 P, S, 14 37 40.5 +1.2, JKRS, Kuroshima, 3.10 57 ePn, Pn, 14 37 15.7 +0.5, JKRS, Kuroshima, 3.10 57 ePn, Pn, 14 37 42.1 +0.5, JIJ, Ishigaki jima, 3.27 56 P, S, 14 38 18.3 -1.1, JIJ, Ishigaki jima, 3.27 56 P, S, 14 37 40.8 -1.7, QZH, Quanzhou, 3.34 316 P, S, 14 38 15.8 -5.1, QZH, Quanzhou, 3.34 316 P, S, 14 38 33.3 -1.0, NJZ, Nanjing, 3.85 57 S, S, 14 38 33.3 -1.0, NYA, Guyang, 13.75 289 ePn, Pn, 14 40 06.0 +1.0, NYA, Guyang, 13.75 289 ePn, Pn, 14 40 06.0 +1.0, MJAR, Matsushiro Arr, 20.30 43 P, P, 14 41 24.9 +0.8, comp-Z, 1.9nm, 0.8s, baz=228, slow=7.8, SNR=9.0

Table with columns: MJAR, Matsushiro Arr, 20.30 43 P, P, 14 41 24.9 +0.8, ULN, Ulanbataar, 27.66 339 P, P, 14 42 35.0 -0.5, SONM, Songino Array, 27.66 339 P, P, 14 42 37.3 +0.1, comp-Z, 1.6nm, 0.8s, mb3.7, baz=149, slow=9.7, SNR=12, 14 44 18.7 +0.7, MKAR, Makanchi Array, 39.50 317 P, P, 14 44 26.9 -0.6, FITZ, Fitzroy Cross, 40.65 173 eP, P, 14 44 27.0 -0.5, FITZ, Fitzroy Cross, 40.65 173 eP, P, 14 44 35.7 +0.3, ZAL, Zalesovo, 41.60 328 P, P, 14 44 35.0 -0.5, ZAL, Zalesovo, 41.60 328 P, P, 14 44 35.7 +0.3, WRA, Warramunga Arr, 44.16 162 P, P, 14 44 55.0 -1.1, WRA, Warramunga Arr, 44.16 162 P, P, 14 44 55.0 -1.1, WB2, Warramunga Arr, 44.16 162 eP, P, 14 44 54.6 -1.5, AS31, Alice Springs, 47.59 164 eP, P, 14 45 23.0 -0.1, ASPA, Alice Springs, 47.59 164 eP, P, 14 45 23.4 +1.2, ASPA, Alice Springs, 47.59 164 eP, P, 14 45 23.2 -0.2, comp-Z, 2.0nm, 1.0s, mb3.9, baz=344, slow=8.1, SNR=30, 14 45 31.7 -1.9, CTAO, Charters Tower, 48.96 148 P, P, 14 45 36.0 +2.2, BRVK, Borovoye, 48.99 324 eP, P, 14 46 28.5 -0.1, ARU, Arts, 56.39 322 eP, P, 14 46 36.2 -0.6, STKA, Stephens Creek, 57.15 159 P, P, 14 46 36.2 -0.6, comp-Z, 1.2nm, 0.7s, mb4.3, baz=338, slow=11, SNR=3.8, 14 56 27.9 +1.2, SDV, Santo Domingo, 146.68 22 ePKPd, PKPd

IDC 28 14:47:58.5±1.6, 1305N:14325E, h183km, 20km, mb3.6/9, mb1.3/7.9, mb1mx3.6/20, mbtmp4.1/9, Error ellipse: s-maj=35.4km s-min=11.8km az=78.0, ISCJB 28 14:47:59.1±1.1, 1308N:008:1438E:04, h22km, 19km, mb3.8/1.1, Error ellipse: s-maj=56.2km s-min=12.6km az=176.8

NEIC 28 14:47:59.5±1.2, 1308N:14341E, h202km, 15km, mb4.2/3, Error ellipse: s-maj=30.7km s-min=9.8km az=84.0, ISC 28 14:48:00.5±0.9, 1310N:008:1439E:04, h22km, 17km, n17, e031/18, mb3.8/1.1, South of Mariana Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, GUMO, Guam, 1.09 63 P, Pn, 14 48 33.3 +0.2, GUMO, Guam, 1.09 63 P, Pn, 14 48 33.3 +0.2, MJAR, Matsushiro Arr, 23.89 349 P, S, 14 52 54.0 +0.2, 1.0nm, 0.8s, mb3.5, baz=153, slow=22, SNR=18, 14 54 58.5 -0.1, WB2, Warramunga Arr, 34.15 196 eP, P, 14 54 24.1 -0.3, WB2, Warramunga Arr, 34.15 196 eP, P, 14 54 24.1 -0.3, WRA, Warramunga Arr, 34.15 196 P, P, 14 54 24.3 -0.1, 3.6nm, 0.7s, mb4.0, baz=17, slow=9.3, SNR=36, 14 54 55.8 +0.3, AS31, Alice Springs, 37.82 195 eP, P, 14 54 55.6 +0.1, ASAR, Alice Springs, 37.82 195 eP, P, 14 54 55.6 +0.1, ASPA, Alice Springs, 37.82 195 eP, P, 14 54 55.8 +0.3, DZM, Mont Dzumac, 41.38 147 P, P, 14 55 29.9 +0.1, 2.5nm, 0.4s, mb4.0, baz=300, slow=16, SNR=16, 14 55 51.8 -0.2, STKA, Stephens Creek, 44.77 183 P, P, 14 55 52.5 +0.6, 2.5nm, 0.4s, mb3.9, baz=242, slow=16, SNR=9.6, 14 56 02.8 -0.6, ULN, Ulanbataar, 46.23 326 eP, P, 14 56 06.0 -0.6, 4.0nm, 0.5s, mb3.8, 14 56 06.0 -0.6, SONM, Songino Array, 46.57 326 P, P, 14 56 06.0 -0.6, 0.2nm, 0.5s, mb2.7, baz=134, slow=5.9, SNR=5.3, 14 57 21.6 0.0, BILL, Bilibino, 56.80 10 P, P, 14 57 21.6 0.0, 6.8nm, 0.4s, mb4.6, 14 57 51.9 +0.4, MKAR, Makanchi Array, 61.16 316 P, P, 14 57 51.9 +0.4, 0.3nm, 0.6s, mb3.1, baz=93, slow=7.7, SNR=5.7, 14 58 46.6 +0.4, BVAR, Borovoye Arr, 69.70 322 P, P, 14 58 46.6 +0.4, 1.0nm, 0.5s, mb3.8, baz=100, slow=7.8, SNR=9.1, 14 58 39.8 -0.4, FINES, FINESS Array B, 91.19 335 P, P, 14 58 39.8 -0.4, 1.1nm, 0.7s, mb3.9, baz=81, slow=8.6, SNR=3.7

ISCJB 28 15:26:36.3±0.4, 4009N:002:2767E:003, h3km, 4km, Error ellipse: s-maj=3.7km s-min=3.1km az=117.4, CSEM 28 15:26:36.2±0.1, 4010N:2767E, h12km, MD3.1, Error ellipse: s-maj=2.1km s-min=1.7km az=135.0, ISC 28 15:26:36.4, 4011N:2767E, h10km, MD3.1, ATH 28 15:26:38.3, 4022N:2737E, h6km, 3km, MD3.5/5, ISC 28 15:26:37.0±0.4, 4010N:002:2767E:003, h9km, 3km, n28, e057/43, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, EDC, Edincik, 0.29 30 J/P, Sg, 15 26 43.0 +0.2, EDC, Edincik, 0.29 30 J/P, Sg, 15 26 46.5 -0.3, BTK, Tokmak, 0.43 140 J/P, Sg, 15 26 51.3 +0.1, BTK, Tokmak, 0.43 140 J/P, Sg, 15 26 51.3 +0.1, BTK, Tokmak, 0.43 140 J/P, Sg, 15 26 50.8 -0.2, CANB, Canakkale, 0.47 261 J/P, Sg, 15 26 46.3 -0.6, CANB, Canakkale, 0.47 261 J/P, Sg, 15 26 52.8 +0.3, MRMT, Marmara Adasi, 0.51 354 J/P, Sg, 15 26 46.3 -0.6, MRMT, Marmara Adasi, 0.51 354 J/P, Sg, 15 26 52.8 +0.3, KCT, Karacabey, 0.55 72 J/P, Sg, 15 26 47.6 -0.1, RKY, Sarkoy-Tekirda, 0.70 328 J/P, Sg, 15 26 50.7 +0.2, SART, Tekirdag, 0.70 328 J/P, Sg, 15 26 50.6 +0.1, SART, Tekirdag, 0.70 328 J/P, Sg, 15 27 00.6 +0.9, MFT, Murefte, 0.75 377 J/P, Sg, 15 26 51.0 -0.5, EZIN, Ezine, 1.07 256 J/P, Sg, 15 26 51.9 -0.8, AYVA, Ayvalik, 1.09 224 J/P, Sg, 15 26 57.1 -0.9, ULDT, Uludag, 1.13 87 J/P, Sg, 15 27 12.8 +0.7, ULDT, Uludag, 1.13 87 J/P, Sg, 15 26 58.1 -0.5, ULDT, Uludag, 1.20 29 J/P, Sg, 15 27 14.0 +0.7, CTT, Catalca, 1.20 29 J/P, Sg, 15 26 58.9 -1.0, ELBA, Catalca, 1.20 29 J/P, Sg, 15 27 15.9 +0.5, ELBA, Catalca, 1.20 29 J/P, Sg, 15 27 00.8 -0.1, BOZC, Bozcaada, 1.27 259 J/P, Sg, 15 27 17.1 -0.3, BOZC, Bozcaada, 1.27 259 J/P, Sg, 15 27 17.1 -0.3, PRK, Parasevki, 1.37 232 ePn, Pn, 15 27 02.3 0.0, PRK, Parasevki, 1.37 232 ePn, Pn, 15 27 20.6 +0.2, YLV, Yalova, 1.39 70 ePn, Pn, 15 27 02.7 +0.3, ISK, Istanbul-Kandi, 1.44 47 ePn, Pn, 15 27 03.4 +0.3, KLYT, Kilyos, 1.56 42 ePn, Pn, 15 27 04.8 0.0, KDAG, Bornova, 1.72 191 J/P, Sg, 15 27 06.2 -0.9, KDAG, Bornova, 1.72 191 J/P, Sg, 15 27 29.5 +0.4, GDZ, Gediz, 1.72 125 P, S, 15 27 35.5 +0.4, GDZ, Gediz, 1.72 125 P, S, 15 27 32.3 +3.3, EDRB, Edirne, 1.89 338 ePn, Pn, 15 27 09.6 +0.3, LIA, Limnos Island, 1.92 265 ePn, Pn, 15 27 10.3 +0.5, URLA, Izmir, 1.92 206 ePn, Pn, 15 27 33.5 -0.5, URLA, Izmir, 1.92 206 ePn, Pn, 15 27 12.6 -1.3, URLA, Izmir, 1.92 206 ePn, Pn, 15 27 39.5 +0.7, RDO, Rodhopi, 1.93 304 ePn, Pn, 15 27 10.0 0.0, BORA, Eskisehir, 2.15 95 J/P, Sg, 15 27 12.7 -0.2, BORA, Eskisehir, 2.15 95 J/P, Sg, 15 27 45.9 -0.2, SMG, Samos, 3.47 196 ePn, Pn, 15 27 22.4 +5.0, SMG, Samos, 3.47 196 ePn, Pn, 15 27 22.4 +5.0, NVRG, Nevrokopi, 2.15 95 ePn, Pn, 15 27 27.3 +0.5

ISCJB 28 15:28:26.2±0.4, 4069N:002:2918E:002, h3km, 3km, mb3.3/1, Error ellipse: s-maj=3.3km s-min=2.6km az=61.5, SOF 28 15:28:26.8, 4068N:2895E, h1km, MD3.2, Error ellipse: s-maj=2.6km s-min=2.0km az=24.0, ISC 28 15:28:26.5, 4064N:2923E, h9km, MD3.4, ML3.5, NEIC 28 15:28:26.0, 4064N:2923E, h6km, MD3.2(SOF), ML3.3(SOF), After ISC.

IDC 28 15:28:29.4±1.5, 4039N:2875E, h0km, mb3.5/2, mb1.3/6/5, 14 38 31.4/2.1, mbtmp3.4/5, ML3.3/3, Error ellipse: s-maj=24.2km s-min=17.8km az=54.0, MOS 28 15:28:33.3±1.5, 4122N:2910E, h34km, mb4.0/1, Error ellipse: s-maj=10.3km s-min=9.4km az=112.2, ISC 28 15:28:27.1±0.3, 4067N:002:2918E:002, h3km, 3km, n57, e1506/89, mb3.3/1, 2D, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, YLV, Yalova, 0.18 125 Op, Pn, 15 28 31.9 +1.2, BADT, Buyukada, 0.19 346 J/P, Sg, 15 28 35.5 +2.3, BADT, Buy

28d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like ULDT Uludag, KLYT Kilyos, ELBA Catalca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like JMA 28 15:36:55.8-0.1, ISCBJ 28 15:36:56.2-0.6, etc.

2006 OCT

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MKAR Makanchi Array, WRA Warramunga Arr, etc.

CASC 28 15:58:54.6-1.9, 802N-8253W, h23km, 8km, MD4.0, MW4.1, 5C-7D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like DVD David, BRU Baru, BRUC Volcan, etc.

ATH 28 15:59:26.3, 3839N-2196E, h25km, 1km, MD3/7

ISCJB 28 15:59:27.3-0.7, 3835N-2004E, 2200E-006, h20km, 8km, Error ellipse: s-maj=8.6km s-min=4.9km az=74.3

CSEM 28 15:59:27.4-0.1, 3831N-2222E, h2km, ML2.3, Error ellipse: s-maj=2.6km s-min=1.9km az=117.0

NEIC 28 15:59:28.0, 3843N-2195E, h10km, ML3.0(ATH), After ATH.

THE 28 15:59:29.3, 3842N-2221E, h5km, ML2.3

ISC 28 15:59:24.0-6.6, 3834N-003-2212E-004, h6km, 6km, n23, e1917/32, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like RLS Riolos of Patr, EVR Erytria, EVR Erytria, etc.

NAO 28 16:00:40.1-2.3, 7650N-2142E, h19km, 17km, ML2.3

BER 28 16:00:39.3-0.7, 7654N-2327E, h16km, 31km, MD2.9, ML2.3, ML2.3(NAO), Swabial region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like HOPEN Hopen, SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, etc.

ATH 28 16:02:15.2, 3838N-2199E, h19km, MD3.4/18, ML3.3

ISC 28 16:02:15.2, 1.5, 3838N-2200E, h0km, mb3.5/3, mb1 3.5/5, mb1mx3.4/20, mb1mx3.4/5, ML3.2/2, Error ellipse: s-maj=40.3km s-min=21.6km az=124.0

ISCJB 28 16:02:15.2-0.6, 3837N-2203E-003, h3km, 4km, mb3.5/4, Error ellipse: s-maj=4.3km s-min=3.6km az=158.2

CSEM 28 16:02:15.8-0.1, 3832N-2212E, h2km, ML3.0, Error ellipse: s-maj=3.2km s-min=2.6km az=96.0

THE 28 16:02:17.0, 3838N-2219E, h3km, ML3.3

NEIC 28 16:02:17.0, 3840N-2192E, h10km, ML3.0(ATH), After ATH.

ISC 28 16:02:15.7-0.5, 3835N-002-2205E-003, h3km, 4km, n52, e1917/30, mb3.5/4, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like RLS Riolos of Patr, RLS Riolos of Patr, EVR Erytria, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like NEO Neokhori, NEO Neokhori, XOR Xorichti, etc.

ISCJB 28 16:15:52.8-0.5, 4290N-004-031E-003, h10km, Error ellipse: s-maj=5.4km s-min=3.0km az=111.1

MDD 28 16:15:53.4-0.3, 4288N-002E, h11km, 2km, mbLg1.0/3, Error ellipse: s-maj=2.7km s-min=2.3km az=175.0, PRXIMO

STR 28 16:15:53.2-0.1, 4289N-029E, h5km, 1km, M12.0, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 28 16:15:53.2-0.0, 4288N-029E, h10km, M1.6/2, M11.6/2, Error ellipse: s-maj=1.2km s-min=0.6km az=7.0

ISC 28 16:15:52.6-0.7, 4289N-005-030E-003, h17km, 5km, n19, e038/30, Pyrenees

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like RESF Ens, RESF Ens, RESF Ens, etc.

CASC 28 16:25:40.1-3.0, 1331N-8748W, h20km, 96km, MD3.8, 3C-2D, Honduras

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CRIN San Cristobal, TELN Telica, TELN Telica, etc.

SKO 28 16:46:42.9, 4133N-2034E, h21km, M2.4, ML2.2

THE 28 16:46:43.7, 4142N-2037E, h10km, ML2.6

CSEM 28 16:46:43.2-0.2, 4139N-2036E, h15km, ML2.6, Error ellipse: s-maj=10.7km s-min=2.2km az=12.0, Albania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like TIR Tirane, TIR Tirane, OHR Ohrid, etc.

Table with columns: OHR, comp=N, 178nm, 0.3s, eLg, 16 46 59.3, etc. Includes stations like OHR, OHRid, OHRid, Bitola, etc.

ISCJB 28 17:09:50.3:0.5, 4046N:002:2131E:003, h2km, 5km, Error ellipse: s-maj=4.5km s-min=3.6km az=30.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like FNA, KZN, KBN, etc.

ISCJB 28 17:35:23.0:0.4, 3836N:003:2199E:004, h8km, Error ellipse: s-maj=4.3km s-min=3.7km az=85.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like RLS, EVR, AGG, etc.

IDC 28 17:37:09.7:26.0, 3022S:17786W, h166km, 196km, mb3.7/3, mb1 3.8/4, mb1mx3.5/12, mbtmp4.1/4, ML3.3/1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like URZ, DZM, STKA, etc.

AKASG Malin Array Be 151.23 323 PKPab PKPab 17 56 50.3 -1.5

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like ATAH, TKL, TXAR, etc.

IDC 28 18:07:08.0:10.0, 3042S:17993W, h376km, 102km, mb3.1/2, mb1 3.6/3, mb1mx3.2/12, mbtmp4.2/3, Error ellipse: s-maj=132.9km s-min=36.7km az=15.0

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

KRSC 28 18:09:19.5351N:16089E, h41km, ML3.7, Near east coast of Kamchatka Peninsula

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

IDC 28 18:15:29.9:16.0, 3636N:7004E, h155km, 144km, mb3.1/3, mb1 3.2/4, mb1mx2.9/21, mbtmp3.6/4, ML3.3/1, Error ellipse: s-maj=130.5km s-min=34.0km az=165.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like AML, KK31, UCH, etc.

IDC 28 18:17:19.2:20.0, 5671N:13700W, h10K, ML3.5/5, 109km southwest of Sitka, Ak Off Coast Of Southeastern Alaska, Off coast of southeastern Alaska

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

Table with columns: HYT, Haines Junctio, 4.14 357 Trac P, etc. Includes stations like HYT, DIB, DIB, etc.

IDC 28 18:06:4.2:0.0, 2275S:17950E, h552km, 135km, mb2.8/4, mb1 3.1/5, mb1mx2.9/14, mbtmp4.0/5, Error ellipse: s-maj=283.5km s-min=22.9km az=43.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like URZ, CTA, ASAR, etc.

MOS 28 18:25:21.1:1.2, 5533N:16324E, h10km, mb4.2/1, Error ellipse: s-maj=25.4km s-min=13.8km az=76.5

KRSC 28 18:25:20.5532N:16315E, h5km, ML4.0, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like KBTR, MKZ, Zelenaya, etc.

ISCJB 28 18:30:24.0:3.0, 2102S:009:716W:02, h56km, 27km, mb4.3/12, MS3.6/2, Error ellipse: s-maj=31.1km s-min=11.0km az=135.3

IDC 28 18:30:27.0:4.4, 2094S:7159W, h69km, 37km, mb3.9/5, mb1 4.0/7, mb1mx3.8/16, mbtmp4.1/7, ML4.3/2, MS3.5/3, Ms1 3.5/3, ms1mx3.0/25, Error ellipse: s-maj=37.3km s-min=20.1km az=67.0

NEIC 28 18:30:27.2:2.0, 2094S:7154W, h72km, 17km, mb4.4/10, Error ellipse: s-maj=21.9km s-min=9.3km az=67.0

B/JL 28 18:30:29.2, 2030S:7150W, h72km, 17km, mb4.4/10, Error ellipse: s-maj=21.9km s-min=9.3km az=67.0

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

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like Sonseca Array, Alfamalu, AFAR, etc.

ISCJB 28 18:31:32.0, 3.4775N, 002.12190W, 0.02, h14km, 2km, Error ellipse: s-maj=5.3km s-min=2.2km az=87.9

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like HTW, EARN, BLH, etc.

ISC 28 18:31:32.1, 0.2, 4775N, 002.12188W, 0.03, h12km, 2km, n82, 0.989/93, 10C-22, Washington

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like B05A, G5M, D05A, etc.

MOS 28 18:34:14.4, 1.5, 2158N, 142D06E, h33km, mb4, 7/18, Error ellipse: s-maj=20.4km s-min=8.3km az=108.0

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like B04A, VGZ, etc.

ISC 28 18:34:10.4, 0.5, 2171N, 006.14271E, 0.10, h16km, mb4, 4/34, MS3, 7/23, Error ellipse: s-maj=13.7km

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like CBSW, NAC, A05A, etc.

ISC 28 18:34:10.1, 0.7, 2180N, 14300E, h10km, mb4, 6/14, Error ellipse: s-maj=28.8km s-min=8.4km az=75.0

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like VDB, SNB, B07A, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like ALB, TXB, etc.

ATH 28 18:32:12.9, 3839N, 2197E, h17km, 1km, MD3, 3/16, ML3.2 CSEM 28 18:32:13.6, 3837N, 2201E, h10km, ML3.0, After THE

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like RLS, RVS, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like BJI, ISCJB, NEIC, etc.

MARIANA ISLANDS PGP, n80, 0.129/71, mb4, 4/34, MS3, 7/23, 6C,

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like Code, Station Name, Az, El, P, S, Res.

ISC 28 18:34:10.0, 0.5, 2166N, 006.14242E, 0.09, h21km, 1.9km, p-P, n80, 0.129/71, mb4, 4/34, MS3, 7/23, 6C,

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like Code, Station Name, Az, El, P, S, Res.

ISC 28 18:34:10.0, 0.5, 2166N, 006.14242E, 0.09, h21km, 1.9km, p-P, n80, 0.129/71, mb4, 4/34, MS3, 7/23, 6C,

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like Code, Station Name, Az, El, P, S, Res.

ISC 28 18:34:10.0, 0.5, 2166N, 006.14242E, 0.09, h21km, 1.9km, p-P, n80, 0.129/71, mb4, 4/34, MS3, 7/23, 6C,

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like Code, Station Name, Az, El, P, S, Res.

ISC 28 18:34:10.0, 0.5, 2166N, 006.14242E, 0.09, h21km, 1.9km, p-P, n80, 0.129/71, mb4, 4/34, MS3, 7/23, 6C,

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like Code, Station Name, Az, El, P, S, Res.

ISC 28 18:34:10.0, 0.5, 2166N, 006.14242E, 0.09, h21km, 1.9km, p-P, n80, 0.129/71, mb4, 4/34, MS3, 7/23, 6C,

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like Code, Station Name, Az, El, P, S, Res.

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like KMI, ULN, etc.

ISC 28 18:34:10.0, 0.5, 2166N, 006.14242E, 0.09, h21km, 1.9km, p-P, n80, 0.129/71, mb4, 4/34, MS3, 7/23, 6C,

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like Code, Station Name, Az, El, P, S, Res.

ISC 28 18:34:10.0, 0.5, 2166N, 006.14242E, 0.09, h21km, 1.9km, p-P, n80, 0.129/71, mb4, 4/34, MS3, 7/23, 6C,

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like Code, Station Name, Az, El, P, S, Res.

ISC 28 18:34:10.0, 0.5, 2166N, 006.14242E, 0.09, h21km, 1.9km, p-P, n80, 0.129/71, mb4, 4/34, MS3, 7/23, 6C,

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like Code, Station Name, Az, El, P, S, Res.

ISC 28 18:34:10.0, 0.5, 2166N, 006.14242E, 0.09, h21km, 1.9km, p-P, n80, 0.129/71, mb4, 4/34, MS3, 7/23, 6C,

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like Code, Station Name, Az, El, P, S, Res.

ISC 28 18:34:10.0, 0.5, 2166N, 006.14242E, 0.09, h21km, 1.9km, p-P, n80, 0.129/71, mb4, 4/34, MS3, 7/23, 6C,

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like Code, Station Name, Az, El, P, S, Res.

ISC 28 18:34:10.0, 0.5, 2166N, 006.14242E, 0.09, h21km, 1.9km, p-P, n80, 0.129/71, mb4, 4/34, MS3, 7/23, 6C,

Table with columns: Code, Station Name, Az, El, P, S, Res. Includes stations like Code, Station Name, Az, El, P, S, Res.

Table of station data for 975, including columns for station name, frequency, power, and coordinates. Includes stations like Ostrava-Krasne, Champ du Feu, Kasperke Hory, etc.

Main table of station data for 2006 OCT, including columns for station name, frequency, power, and coordinates. Includes stations like MKAR Makanichy Array, CSEM 28 23:23:29.2, HEL 28 23:23:29.8, etc.

Table of station data for 28d 23h, including columns for station name, frequency, power, and coordinates. Includes stations like ARCIS ARCESS Array B, AREO ARCESS Array S, etc.

28d 23h

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like La Chapelle, Keskin Array B, etc.

CASC 28 23:55:31.42.1, 1270N:9036W, h15km, 17km, MD4.2, ML4.2, mb4.5(NEIC)
ISCJB 28 23:55:38.0.1.1, 1307N:008:8990W:0.06, h37km, 9km, mb4.3/26, MS3.8/9, Error ellipse: s-maj=15.7km

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like San Blas, El Retiro, etc.

2006 OCT

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like Southern Illin, University of, etc.

976

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like N10A Dunphy, O09A Fish Creek Ran, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like LLD Lapu-Lapu, DCPH Dipolog City, SNPH Sibulan, GUMO Guam, KAKA Kakadu, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like IDC 29 03:52:55.3-9.2, 456S-15244E, WEL 29 03:52:55.1-0.6, 3621S-17712E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like URZ Urewera, CPUP Villa Florida, CPUP Villa Florida, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like IDC 29 04:01:39.1-2.3, 3126S-17690W, WRA Warramunga Arr, etc.

ISCJB 29 04:03:01.6-3.4, 196S-01-689W, 02, h114km, 32km, mb3.6/6, Error ellipse: s-maj=36.2km s-min=14.5km az=138.6

NEIC 29 04:03:02.2-2.0, 1957S-6897W, h105km, 18km, mb3.9/3, Error ellipse: s-maj=23.0km s-min=10.6km az=68.0

IDC 29 04:03:03.1-1.0, 1950S-6894W, h111km, 6km, mb3.4/4, mb1.3/9.6, mb1mx3.6/17, mbtmp4.0/6, Error ellipse: s-maj=41.7km s-min=21.4km az=17.0

ISC 29 04:03:02.8-2.6, 1965S-01-689W, 02, h107km, 27km, h114km, 4.1, 1km, pp-P, n19, 05:57/14, mb3.6/6, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like URZ Urewera, ASAR Alice Springs, WB2 Warramunga Arr, WRA Warramunga Arr, FINES FINESS Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like SOMM Songoing Array, SOMM FINESS Array B, IDC 29 04:16:24.6-7.6, 3005S-17736W, etc.

CASC 29 04:19:14.7-2.5, 1334N-8765W, h0km, 6km, MD3.7, ML3.1, 5C-5D, Honduras

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like CNCH Conchagua, CNCH Concho, BLML Bellamira, etc.

NEIC 29 04:20:14.0, 4039N-2423E, h10km, ML4.3(ATH), After ATH, ISCJB 29 04:21:12.4-0.6, 3418N-003:2542E-009, h10km, Error ellipse: s-maj=10.8km s-min=4.8km az=177.8

ATH 29 04:21:13.3, 3424N-2541E, h28km, 1km, MD3.4/4, HLW 29 04:21:14.4, 3436N-2526E, h20km, Mb3.2, ISC 29 04:21:13.4-0.6, 3424N-003:2536E-009, h10km, n16, 05:56/18, 3C, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like XRY Xhrisi, XRY Xhris, SIVA Sivas, LAST Lasithi, etc.

IDC 29 04:28:45.6-4.9, 534S-13191E, h0km, mb4.1/1, mb1 4.0/3, mb1mx3.7/11, mbtmp3.9/3, ML3.9/2, Error ellipse: s-maj=339.0km s-min=29.8km az=74.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

CASC 29 04:30:45.3-2.5, 1325N-8760W, h20km, 11km, MD3.7, ML3.1, 1C, Honduras

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like CNCH Conchagua, CNCH Concho, BLML Bellamira, etc.

IDC 29 04:52:37.8-1.2, 290S-12944E, h0km, mb4.0/5, mb1 4.2/7, mb1mx4.0/16, mbtmp4.0/7, ML4.1/2, MS3.2/3, Ms1 3.2/3, ms1mx2.8/22, Error ellipse: s-maj=89.5km s-min=19.1km az=72.0

ISCJB 29 04:52:40.4-0.7, 297S-006:1298E-01, h33km, mb3.9/7, MS3.3/2, Error ellipse: s-maj=21.8km s-min=6.5km az=148.2

NEIC 29 04:52:43.0-0.6, 299S-12958E, h35km, mb4.1/5, Error ellipse: s-maj=31.9km s-min=8.0km az=68.0

ISC 29 04:52:43.0-0.6, 296S-006:1297E-01, h35km, n19, 05:59/24, mb3.9/7, MS3.3/2, Seram

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like KAKA Kakadu, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

IDC 29 04:52:37.8-1.2, 290S-12944E, h0km, mb4.0/5, mb1 4.2/7, mb1mx4.0/16, mbtmp4.0/7, ML4.1/2, MS3.2/3, Ms1 3.2/3, ms1mx2.8/22, Error ellipse: s-maj=89.5km s-min=19.1km az=72.0

ISCJB 29 04:52:40.4-0.7, 297S-006:1298E-01, h33km, mb3.9/7, MS3.3/2, Error ellipse: s-maj=21.8km s-min=6.5km az=148.2

NEIC 29 04:52:43.0-0.6, 299S-12958E, h35km, mb4.1/5, Error ellipse: s-maj=31.9km s-min=8.0km az=68.0

ISC 29 04:52:43.0-0.6, 296S-006:1297E-01, h35km, n19, 05:59/24, mb3.9/7, MS3.3/2, Seram

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like KAKA Kakadu, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, WB2 Warramunga Arr, etc.

MOS 29 05:03:21.8-0.8, 5405N-16648W, h55km, mb4.8/25, Error ellipse: s-maj=16.1km s-min=8.2km az=88.9, ISCJB 29 05:03:25.6-0.3, 5400N-004:16637W-004, h87km, 3km, mb4.3/81, Error ellipse: s-maj=6.4km s-min=3.7km az=9.2

NEIC 29 05:03:27.3, 5367N-16611W, h66km, mb4.4/38, ML4.2(AEIC), After AEIC, NEIC 29 05:03:27.4-0.9, 5405N-16627W, h86km, 5km, mb3.8/18, mb1 4.0/19, mb1mx4.0/24, mbtmp4.2/19, Error ellipse: s-maj=22.6km s-min=11.7km az=14.0

BUL 29 05:03:27.3, 5370N-16610W, h66km, mb4.9, mb4.7, Ms4.5, Ms4.2, ISC 29 05:03:26.6-0.3, 5405N-004:16642W-004, h84km, 3km, h85km, 2.2km, pp-P, n279, 05:58/274, mb4.3/81, 46C-44D, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like AKLV Akutan Long Va, AKUT Akutan, OKCD Okmok Cone D, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like KAKA Kakadu, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like EYAK Cordova Ski Ar, MCK McKinley, MMA2 Mount Moutai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like MENT Mentasta, EGAK Eagle, DAWY Dawson, SKAG Skagway, BILL Bilibino, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like DLBC Dease Lake, YKA Yellowknife Ar, A09A Danville, H04A Detroit Lake, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like C09A Chrisman Ranch, D08A Wollman Farm, B10A Chitwood Farm, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like NEW Newport, NEW Newport, A11A Hall Mountain, J05A Fort Rock, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like E09A Wood Farm, Sta, YBH Yreka Blue Hor, G08A Pilot Rock, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like WDC Whiskeytown Da, WDC Whiskeytown Da, C12A Trout Creek, etc.

M05C	baz=32	32.44	94	↑P	P	05 09 47.5	-1.2	PV10	Paradox Valley	41.48	88	eP	P	05 11 06.6	+1.3	AAK	Ala-Archa	70.52	317	eP	P	05 14 32.2	-0.2
BSMT	baz=32	32.49	79	eP	P	05 09 50.0	+0.8	ULM	Lac du Bonnet	41.82	65	P	P	05 11 07.2	-0.9	AAK	Ala-Archa	70.52	317	eP	P	05 14 31.9	-0.5
H09A	baz=32	32.52	86	↑P	P	05 09 47.8	-1.6	PV01	Paradox Valley	41.92	88	eP	P	05 11 08.8	-0.1	AAK	Ala-Archa	70.52	317	eP	P	05 14 41.5	+9.0
GASB	baz=32	32.60	98	↑P	P	05 09 50.3	+0.1	WUAZ	Wupatki	42.04	93	↑P	P	05 11 08.8	-1.1	KMI	Kunming	70.54	286	P	AP	05 15 01.3	+7.1
C13A	baz=32	32.70	80	↑P	P	05 09 49.6	-1.4	SMCO	Snowmass	42.17	86	eP	P	05 11 11.4	+0.5	KMI	Kunming	70.54	286	P	AMB	05 15 01.6	+9.1
K07A	baz=32	32.74	91	↑P	P	05 09 51.5	+0.2	X15A	Humboldt	42.25	95	↑P	P	05 11 09.4	-2.1	KMI	Kunming	70.54	286	P	PP	05 15 01.3	+7.1
O03C	baz=32	32.78	97	↑P	P	05 09 50.1	-1.6	BOD	Doiabo	42.32	309	eP	P	05 11 09.9	-2.2	KMI	Kunming	70.54	286	P	PP	05 15 01.6	+9.1
J08A	baz=32	32.80	89	↑P	P	05 09 51.6	-0.2	MVCO	Mesa Verde	42.58	89	↑P	P	05 11 12.6	-1.7	KMI	Kunming	70.54	286	P	PP	05 15 01.6	+9.1
H0PS	baz=32	32.83	90	↑P	P	05 09 52.2	+0.1	SDCO	Great Sand Dun	43.99	86	eP	P	05 11 25.9	+0.4	KMI	Kunming	70.54	286	P	P	05 15 01.3	+7.1
D13A	baz=32	33.08	80	↑P	P	05 09 54.2	0.0	HIA	Hailar	44.13	295	eP	P	05 11 30.0	+3.3	AKASG	Malin Array B	74.80	350	P	P	05 14 56.9	-0.9
O04C	baz=32	33.13	96	↑P	P	05 09 54.9	+0.2	CN2	Changchun	44.27	286	eP	P	05 11 33.8	+6.0	GIVF	Givet	75.96	6	eP	P	05 15 03.7	-0.7
C14A	baz=32	33.14	79	↑P	P	05 09 54.1	-0.7	ANMO	Albuquerque	45.33	90	eP	P	05 11 46.5	-0.1	BAIF	Baives	75.97	6	eP	P	05 15 03.9	-0.5
K08A	baz=32	33.16	90	↑P	P	05 09 55.7	+0.7	CBKS	Cedar Bluff	46.65	81	eP	P	05 11 46.5	-0.1	BAIF	Baives	75.97	6	eP	P	05 15 03.9	-0.5
J09A	baz=32	33.23	89	↑P	P	05 09 56.7	+1.1	MNTX	Cornudas Mount	48.27	92	eP	P	05 11 58.9	-0.3	BAIF	Baives	75.97	6	eP	P	05 15 03.9	-0.5
WV0R	baz=32	33.25	91	eP	P	05 09 56.5	+0.7	WMOK	Wichita Mounta	50.00	84	eP	P	05 12 11.7	-0.6	FLN	La Foliniere	76.88	9	eP	P	05 15 08.2	-1.1
O05C	baz=32	33.46	96	↑P	P	05 09 57.7	+0.2	WMOK	Wichita Mounta	50.00	84	eP	P	05 12 11.7	-0.6	ROSF	Rostrone	77.00	11	eP	P	05 15 08.2	-1.1
L08A	baz=32	33.57	91	↑P	P	05 09 59.7	+1.2	TXAR	Lajitas Array	51.00	93	P	P	05 12 19.6	-0.3	LDI	La Druitiere	77.08	9	eP	P	05 15 10.4	-0.8
E13A	baz=32	33.58	81	↑P	P	05 09 58.2	-0.4	TXAR	Lajitas Array	51.00	93	P	P	05 12 19.6	-0.3	SGR	Saint Gilles	77.16	11	eP	P	05 15 10.9	-0.5
M07A	baz=32	33.58	92	↑P	P	05 09 58.9	+0.3	TXAR	Lajitas Array	51.00	93	P	P	05 12 19.6	-0.3	GRR	Gorron	77.21	10	eP	P	05 15 10.9	-0.5
K09A	baz=32	33.63	89	↑P	P	05 09 58.4	-0.7	TXAR	Lajitas Array	51.00	93	P	P	05 12 19.6	-0.3	GRR	Gorron	77.21	10	eP	P	05 15 10.9	-0.5
D14A	baz=32	33.63	80	↑P	P	05 09 59.1	0.0	ULN	Ulaanbaatar	51.60	301	eP	P	05 12 19.6	-0.3	GRR	Gorron	77.21	10	eP	P	05 15 10.9	-0.5
BEKR	baz=32	33.85	96	↑P	P	05 10 00.8	-0.2	ULN	Ulaanbaatar	51.60	301	eP	P	05 12 24.2	-0.1	QUIF	Quistinic	77.43	11	eP	P	05 15 11.7	-0.9
F13A	baz=32	33.85	82	↑P	P	05 09 59.5	-1.5	SOMN	Songio Array	51.95	301	P	P	05 12 24.2	-0.1	QUIF	Quistinic	77.43	11	eP	P	05 15 11.7	-0.9
E14A	baz=32	34.00	81	↑P	P	05 10 01.5	-0.8	SOMN	Songio Array	51.95	301	P	P	05 12 27.9	+0.9	GUN	Gumba	77.44	300	eP	P	05 15 13.3	+0.6
P05C	baz=32	34.07	97	↑P	P	05 10 05.5	+2.6	SOMN	Songio Array	51.95	301	P	P	05 13 39.2	+0.8	GERES	GERESS Array B	77.48	360	P	P	05 15 13.2	+0.3
D15A	baz=32	34.23	79	↑P	P	05 10 04.2	0.0	SOMN	Songio Array	51.95	301	P	P	05 17 28.3	+0.6	JIRN	Jiri	77.49	300	eP	P	05 15 13.8	+0.8
LAVA	baz=32	34.35	97	↑P	P	05 10 04.0	-1.3	SOMN	Songio Array	51.95	301	P	P	05 12 27.9	+0.9	CDF	Champ du Feu	77.78	4	eP	P	05 15 14.1	-0.5
F14A	baz=32	34.40	82	↑P	P	05 10 06.2	+0.5	SCHG	Schefferville	53.00	46	P	P	05 13 39.2	+0.8	KKN	Kakani	77.85	301	eP	P	05 15 15.4	-0.5
E15A	baz=32	34.49	80	↑P	P	05 10 06.9	+0.4	NJ2	Nanjing	56.05	279	eP	P	05 13 42.1	+7.7	PKI	Pulchoki	77.96	300	eP	P	05 15 15.9	+0.3
WCN	baz=32	34.57	96	↑P	P	05 10 08.1	+0.9	NJ2	Nanjing	56.05	279	eP	P	05 13 42.1	+7.7	HAKU	Haudompre	78.14	5	eP	P	05 15 16.1	-0.5
M09A	baz=32	34.57	91	↑P	P	05 10 07.7	+0.5	ARCES	ARCESS Array B	56.42	355	P	P	05 13 42.1	+7.7	HINF	Hinterfeld	78.35	5	eP	P	05 15 17.2	-0.6
R05C	baz=32	34.77	97	↑P	P	05 10 09.8	+0.9	LZH	Lanzhou	61.59	293	eP	P	05 14 02.8	+6.4	HINF	Hinterfeld	78.35	5	eP	P	05 15 17.2	-0.6
HRYC	baz=32	34.80	79	eP	P	05 10 09.4	+0.2	LZH	Lanzhou	61.59	293	eP	P	05 14 11.3	+5.7	HINF	Hinterfeld	78.35	5	eP	P	05 15 17.2	-0.6
CMB	baz=32	35.04	98	eP	P	05 10 10.4	-0.3	LZH	Lanzhou	61.59	293	eP	P	05 16 01.3	+10	HINF	Hinterfeld	78.35	5	eP	P	05 15 17.2	-0.6
CMB	baz=32	35.04	98	eP	P	05 10 12.1	+0.8	LZH	Lanzhou	61.59	293	eP	P	05 16 01.3	+10	KOLN	Koldanda	78.71	302	eP	P	05 15 19.7	-0.2
HLID	baz=32	35.07	86	eP	P	05 10 11.8	+0.3	LZH	Lanzhou	61.59	293	eP	P	05 16 01.2	+10	LOR	Lormes	78.72	7	eP	P	05 15 19.3	-0.5
HLID	baz=32	35.07	86	eP	P	05 10 11.6	+0.1	LZH	Lanzhou	61.59	293	eP	P	05 16 01.2	+10	LOR	Lormes	78.72	7	eP	P	05 15 19.3	-0.5
MCMT	baz=32	35.26	83	eP	P	05 10 13.3	+0.2	LZH	Lanzhou	61.59	293	eP	P	05 16 01.2	+10	LOR	Lormes	78.72	7	eP	P	05 15 19.3	-0.5
R06C	baz=32	35.26	97	↑P	P	05 10 12.6	-0.5	LZH	Lanzhou	61.59	293	eP	P	05 16 01.2	+10	SSF	Saint Saulge	78.91	7	eP	P	05 15 20.2	-0.6
WAKR	baz=32	35.28	97	eP	P	05 10 13.7	+0.4	LZH	Lanzhou	61.59	293	eP	P	05 16 01.2	+10	SSF	Saint Saulge	78.91	7	eP	P	05 15 20.2	-0.6
WAKR	baz=32	35.30	76	↑P	P	05 10 13.3	+0.2	LZH	Lanzhou	61.59	293	eP	P	05 16 01.2	+10	SSF	Saint Saulge	78.91	7	eP	P	05 15 20.2	-0.6
EGMT	baz=32	35.30	76	↑P	P	05 10 13.9	+0.4	LZH	Lanzhou	61.59	293	eP	P	05 16 01.2	+10	SSF	Saint Saulge	78.91	7	eP	P	05 15 20.2	-0.6
S06C	baz=32	35.45	98	↑P	P	05 10 15.3	+0.5	LZH	Lanzhou	61.59	293	eP	P	05 16 01.2	+10	SSF	Saint Saulge	78.91	7	eP	P	05 15 20.2	-0.6
HAST	baz=32	35.49	101	↑P	P	05 10 16.2	+1.1	LZH	Lanzhou	61.59	293	eP	P	05 16 01.2	+10	MFF	Saint Martin d	79.05	10	eP	P	05 15 21.2	-0.4
O09A	baz=32	35.52	92	↑P	P	05 10 16.6	+1.3	LZH	Lanzhou	61.59	293	eP	P	05 16 01.2	+10	MFF	Saint Martin d	79.05	10	eP	P	05 15 21.2	-0.4
S05C	baz=32	35.54	99	↑P	P	05 10 14.2	-1.3	LZH	Lanzhou	61.59	293	eP	P	05 16 01.2	+10	MFF	Saint Martin d	79.05	10	eP	P	05 15 21.2	-0.4
O08A	baz=32	35.93	95	↑P	P	05 10 20.1	+1.3	LZH	Lanzhou	61.59	293	eP	P	05 16 01.2	+10	MFF	Saint Martin d	79.05	10	eP	P	05 15 21.2	-0.4
NVAR	baz=32	35.99	96	P	P	05 10 20.2	+0.8	LZH	Lanzhou	61.59	293	eP	P	05 16 01.2	+10	MFF	Saint Martin d	79.05	10	eP	P	05 15 21.2	-0.4
NVAR	baz=32	36.07	89	↑P	P	05 10 38.5	-0.5	LZH	Lanzhou	61.59	293	eP	P	05 16 01.2	+10	MFF	Saint Martin d	79.05	10	eP	P	05 15 21.2	-0.4
M12A	baz=32	36.07	89	↑P	P	05 10 19.7	-0.3	LZH	Lanzhou	61.59	293	eP	P	05 16 01.2	+10	MFF	Saint Martin d	79.05	10	eP	P	05 15 21.2	-0.4
T06C	baz=32	36.13	99	↑P	P	05 10 20.0	-0.6	LZH	Lanzhou	61.59	293	eP	P	05 16 01.2	+10	MFF	Saint Martin d	79.05	10	eP	P	05 15 21.2	-0.4
KCC	baz=32	36.14	98	↑P	P	05 10 21.2	+0.5	LZH	Lanzhou	61.59	293	eP	P	05 16 01.2	+10	MFF	Saint Martin d	79.05	10	eP	P	05 15 21.2	-0.4
N12A	baz=32	36.35	90	↑P	P	05 10 23.8	+1.4	LZH	Lanzhou	61.59	293	eP	P	05 16 01.2	+10	MFF	Saint Martin d	79.05	10	eP	P	05 15 21.2	-0.4
YMR	baz=32	36.45	82	eP	P	05																	

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other details. Includes stations like MBWA Marble Bar, KLBR Kellerberrin, NWA0 Narrogin (SRO), SBA Scott Base, VNA2 Vanda, CASY Casey, MJAR Matsushiro Arr, QSPA South Pole Qui, NVAR Mina Array Bea, MAW Mawson, TXAR Lajitas Array, PDAR Pinedale Array, SNA3 Sanae, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, VNA1 Neumayer-Stat, MKAR Makanchi Array, ARCES ARCESS Array B, FINES FINES Array B, AKASG Malin Array Be, BRTR Keskin Array B, CLLP Collin, GERES GERESS Array B, TORD Torodi Arr Bea, TORD Torodi Arr Bea.

ISCJB 29 07:00:54.2,2.4, 403S.04,781E.04,h10km,mb3,9/6, MS3.6/4, Error ellipse: s-maj=73.1km s-min=15.2km az=103.5

ISC 29 07:00:54.6,4.6, 4, 4025S,7807E,h0km,mb3,9/6,mb1 4.0/6, mb1mx3.8/14, mbtmp3.9/6, MS3.6/4, Ms1 3.5/4, ms1mx3.2/23, Error ellipse: s-maj=167.5km s-min=28.4km az=131.0

ISC 29 07:00:56.0,2.4, 403S.04,781E.04,h10km,n12,c0542/10, mb3.9/6, MS3.6/4, 1D, Mid-Indian Ridge

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like MAW Mawson, SYO Syowa Base, BOSB Boshof, FITZ Fitzroy Crossi, ASAR Alice Springs, ASAR Alice Springs, SNA3 Sanae, VNA2 Vanda, STKA Stephens Creek, VNA2 Neumayer-Watz, VNA2 Neumayer-Watz, VNA3 Neumayer Olymp, WRA Warramunga Arr, AKTO Aktyubinsk.

ISCJB 29 07:12:24.2,2.5, 1052N.005,8658W,006,h7km,18km, mb3.7/5, Error ellipse: s-maj=11.6km s-min=7.0km az=111.3

CASC 29 07:12:26.9,2.5, 1061N.8651W,h11km,16km,MD4.0, ML3.7,mb4.2(NEIC) IDC 29 07:12:27.9,2.4, 1133N.8611W,h0km,mb3.5/3,mb1 4.0/4, mb1mx3.7/17, mbtmp3.6/4, ML3.7/1, MS3.1/3, Ms1 3.1/3, ms1mx4.2/23, Error ellipse: s-maj=141.4km s-min=47.0km az=47.0

NEIC 29 07:12:34.7,4.3, 1103N.8650W,h49km,25km,mb4.2/2, Error ellipse: s-maj=43.4km s-min=28.5km az=143.0

ISC 29 07:12:26.0,1.5, 1057N.006,8646W.007,h9km,10km,n35,c080/34,mb3.7/5,9C-4D,Off coast of Costa Rica

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like VCR Vista de Mar, SSNN San Juan del S, LIM1 Limonal, MADN Villa Maderas, CONN Concepcion, TICAN Ticanete, JCR Jicaral, TISN Laguna Tiscapa, XAVN Gruta Xavier, MGAN Managua, COPN Copaltepe, APYN Apoyeque, VACR Volcan Arenal, MIMM Momotombo, MIRN Miramar, LEON Leon, CNGN Cerro Negro, CGA2 Cerro Gallo 2, TELN Telica, PRS1 Puriscal, POA2 Poas 2, LAJ Bjugal, OCM Ochomogo, TGUH Tegucigalpa,Un, CMIG Matias Romero, ROSC El Rosal, ATAH Atahualpa, HKT Hockley, JSC Jenkinsville, TXAR Lajitas Array, TXAR Lajitas Array, WMOK Wicthita Mouta, PDAR Pinedale Array, NVAR Mina Array Bea.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other details. Includes NVAR comp=E,0.5nm,0.6s,mb3.4,baz=135,slow=6.8,SNR=6.4, NVAR comp=E,0.5nm,0.6s,baz=122,slow=3.3,SNR=6.8, NVAR comp=E,0.5nm,0.6s,baz=122,slow=3.3,SNR=6.8, WRA Warramunga Arr 139.64 252 PKP PKPdf.

CASC 29 07:19:39.4,2.0, 1325N.8760W,h6km,9km,MD3.9,ML3.2, 8C-5D,Honduras

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like CNGN Conchagua, BLLM Bellamira, BLLM Bellamira, CRIN San Cristobal, TELN Telica, LEON Leon, CNGN Cerro Negro, MIRN Miramar, SNI San Vicente, MOMI Momotombo, LCB La Ceiba, COPN Copaltepe, APYN Apoyeque, XAVN Gruta Xavier, TISN Laguna Tiscapa, MGAN Managua.

SZGRF 29 07:30:28.0,2016S.17998E,h33km, South of Fiji Islands ISCJB 29 07:31:18.0,1.1, 199S.01x,177.94W.009,h474km,11km, mb4.2/19, Error ellipse: s-maj=22.5km s-min=6.7km az=118.5

IDC 29 07:31:20.4,1.8, 2009S.17781W,h499km,19km,mb3.8/7, mb1 3.9/10, mb1mx3.7/16, mbtmp4.7/10, Error ellipse: s-maj=33.9km s-min=13.0km az=153.0

NEIC 29 07:31:24.3,1.6, 1748S.17910W,h462km,16km,mb3.3/11, Error ellipse: s-maj=71.0km s-min=12.0km az=156.0

ISC 29 07:31:20.6,1.2, 2005S.01,177.93W.009,h492km,13km, n276,c0849/226,mb4.2/19,88C-61D,Fiji Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like AFI Afiamalu, AFI Afiamalu, AFI Afiamalu, DZM Mont Dzumac, URZ Urewera, CTA Charters Tower, CTAO Charters Tower, PMG Port Moresby, STKA Stephens Creek, STKA Stephens Creek, AS31 Wentz Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASPA Alice Springs, WBA Warramunga Arr, WRA Warramunga Arr, KAKA Kakadu, FORT Forrest, FITZ Fitzroy Crossi, KLBR Kellerberrin, MUN Mundaring, HAST X Hastings Re, BLG Laguna Peak, SMMC Simmler, PKD Parkfield, UKC Hernandez Rese, PACP Pacheco Peak, WENL Wentz Springs, S04C Ingram Canyon, O01C Eel River Cons, D01C Green Verdugo, MNRC McLaughlin Nat, 109C Camp Elliot, ARVC Arvin, GASB Alder Springs, YES Vestal, Richgr, MURC Mureta, S05C Merced, BFSC Mount Baldy St, EDW2 Edwards Air Fo, MONP Monument Peak, O02C Red Bluff, SUTB Sutter Butte, T06C Millerton Lake, Q04C Lincoln, DVTO Desert V Tower, ISA Isabella, ISA Isabella, CMB Columbia Colle, CMB Columbia Colle, HELL Laguna Tiscapa, PFO Pinyon Flat Ob, BBRC Big Bear Sol-O, WDC Whiskeytown Da, LAVA Lava Cap Winer, ORV Oroville, SWSC Sam W. Stewart, KCC Kaiser Creek, LRMC Laurel Mountain.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other details. Includes stations like M02C Callahan, R05C Kirkwood Mead, P05C Yuba Gap, Truc, BELC Belle Mtn, MLAC Mammoth Lakes, MPMC Manual Prospect, YBH Yreka Blue Hor, O05C Quincy, GSC Goldstone, M03C McCloud, BC3 Big Chuck Mtn, R06C Coleville, HEC Hector,Ludlow, R07C Lee Vining, O04C Chester, HATO Hot Creek Radi, GLA Glamis, BEKR Beckwourth, S08C White Mtn Res, HWC Washoe City, HUCO Hull Mountain, P06A Stead Airport, ELFS Eagle Lake Fie, M04C Macdoel, IRM Iron Mountain, GRAC Grapevine Rang, FURC Furnace Creek, TUQ Turquoise Mtn, SHOC Shoshone, M05C Lookout, L04A Klamath Falls, NVAR Mina Array Bea, Y12C Blythe, O06A Flanigan, R08A Mina, U10A Ash Meadows, A, M06C Likely Place G, S09A Goldfield, K04A Chiquin, N06A Buffalo Meadow, Q08A Gabb, L05A Lakeview, Y13A Saine, W12A Cal Nev Ari, O07A Toumou, R09A Tonopah, H03A Soap Creek Ran, MOD Modoc, MOD Modoc, V12A Nelson, U11A Corn Creek, K05A Summer Lake, N07B Gerlach, X13A Wadsworth, Z14A Wintersburg, Q09A Carvers, J05A Fort Rock, 115A Sonoran Desert, M07A Soldier Meadow, W13A Hualapai Mount, Y14A Wickenburg, R10A Warm Springs, K06A Yucca Falls, H04A Detroit Lake, P09A Austin, U12A Valley of Fire, L07A Adell, N08A GE Springer Mi, 116A Eloy, G04A Mulino, X14A Yava, J06A Christmas Vall, M08A Happy Creek Ra, O09A Fish Creek Ran, E03A Lebam, W14A Selgman, P10A Eureka, N09A Rock Creek Ran, K07A Rock Creek Ran, H05A Madras, Q11A Duckwater, TUC Tucson, F04A Amboy, X15A Humboldt.

29d 7h

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like 106A Prineville, WVOR Wild Horse Val, L08A Fields, etc.

2006 OCT

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KOLS Kolonickie sedl, CRVS Cervencia-Dubn, CLL Collin, etc.

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Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like SDV Santo Domingo, IIO Organos, PLIH Alahuaila, etc.

IDC 29 07:44:19.5s.0.8, 1086N.8557W, h0km, mb4.6/10, mb1 4.8/11, mb1mx4.6/18, mbtmp4.6/11, ML4.1/1, MS4.2/15, Ms1 4.2/15, ms1mx4.0/23, Error ellipse: s-maj=30.7km s-min=18.0km az=49.0

CASC 29 07:44:22.8s.2.0, 1040N.8620W, h19km, 7km, MD3.8, ML4.1, mb4.9(NEIC)

NEIC 29 07:44:27.8s.0.7, 1074N.8588W, h60km, 6km, mb4.9/58, Error ellipse: s-maj=8.7km s-min=5.1km az=210.0

NEIC Felt at Coco and Liberia, ISCJB 29 07:44:27.4s.0.4, 1081N.005.8577W-004, h70km, 3km, mb4.8/65, Error ellipse: s-maj=9.6km s-min=3.8km az=90.7

GCMT 29 07:44:27.0s.0.4, 1030N.8626W, h30km, 1km, MW5.0/44, Moment Tensor Solution, s34,c48; s44,c60; Duration: 0. Moment tensor: Scale 10^18Nm; Mr:2.87±.18; Mw:1.93±.12; Mw-0.94±.15; Ms:1.57±.13; Mbb:1.42±.08; Mw-0.94±.20; Best double couple: Ms:3.43300x10^16

NP1:308.00000°, s29.00000°, A.94.00000°. NP2: 0±123.00000°, s61.00000°, A.88.00000°. Principal axes: T 3.4000, Plg74.0000°, Azm27.0000°; N 0.0570, Plg2.0000°, Azm124.0000°; P -3.4660, Plg16.0000°, Azm215.0000°;

nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

BJL 29 07:44:27.8s.0.7, 1070N.8590W, h59km, mb5.1, Ms5.2, Msz4.8

ISC 29 07:44:28.3s.0.3, 1083N.005.8574W-004, h60km, 3km, h21 km, 1.9km; pp-P, n454, d093/412, mb4.8/65, 99C-77D,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Phase ID, Time, Res, and other parameters. Includes stations like SSNN San Juan del S, LIM1 Limonal, MADN Villa Maderas, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like E05A Randle, G03A Yamhill, LON Longm... etc.

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

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

QZH	comp=N,10um,11.6s	LR	LR						
QZH	comp=E,9um,12.0s	LR	LR						
QZH	comp=Z,14um,18.2s	LR	LR						
TIA	Tai'an	20.58 295	P	P	08 36 27.5	+2.7			
TIA	comp=Z,848nm,1.8s	AMB	AMB						
TIA	comp=Z,471nm,3.0s	LR	LR						
TIA	comp=N,3um,13.0s,MS5.0	LR	LR						
KLR	Kul'dur	20.81 344	eP	P	08 36 21.7	-5.6			
KLR	comp=E,78nm,1.8s	eS	pmax		08 40 15.5	-1.9			
KLR	comp=Z,240nm,1.8s	pmax	pmax						
KLR	comp=N,1um,12.0s	pmax	pmax						
KLR	comp=E,600nm,12.0s	pmax	pmax						
KLR	comp=Z,3um,12.0s	smax	smax						
KLR	comp=N,3um,12.0s	smax	smax						
KLR	comp=E,4um,12.0s	smax	smax						
KLR	comp=Z,50um,12.5s,MS6.1	MLR	MLR						
BJT	Baijiatau	22.39 305	eP	P	08 36 44.7	+0.4			
BJT	comp=Z,487nm,1.6s	pmax	pmax						
BJT	comp=Z,6um,20.0s	MLR	MLR						
BJT	Baijiatau	22.39 305	eP	P	08 36 44.7	+0.4			
BJT	comp=Z,487nm,1.6s,mb5.7	LR	LR						
BJI	Beijing	22.39 305	P	P	08 36 45.0	+0.7			
BJI	comp=Z,85nm,2.2s,mb4.8	AMB	AMB						
BJI	comp=Z,3um,6.1s	LR	LR						
BJI	comp=N,5um,16.9s,MS5.1	LR	LR						
BJI	comp=E,2um,16.9s,MS5.1	LR	LR						
BJI	comp=Z,4um,17.9s,MS4.9	LR	LR						
BJI	Beijing	22.39 305	P	P	08 36 44.9	+0.6			
BJI	comp=Z,85nm,2.2s,mb4.8	ePP	pmax		08 37 01.5				
BJI	comp=Z,4um,17.9s,MS4.9	MLR	MLR						
BJI	Beijing	22.39 305	P	P	08 36 44.9	+0.6			
BJI	comp=Z,85nm,2.2s,mb4.8	pP	S		08 37 01.5				
BJI	comp=Z,4um,17.9s,MS4.9	LR	LR		08 40 59.3	+1.1			
WHN	Wuhan	22.48 279	P	P	08 36 47.8	+2.6			
WHN	comp=Z,7um,5.8s	P	AMB						
WHN	comp=Z,9um,11.8s,MS5.4	LR	LR						
TGY	Tagaytay City	23.52 234	P	P	08 36 55.5	-0.5			
TGY	comp=Z,177nm,0.5s,baz=160,slow=5.1,SNR=6.8	LR	LR						
SKR	Severo-Kuril's	24.34 25	eP	P	08 37 05.0	+1.6			
SKR	comp=Z,30nm,20.0s,baz=357,slow=32	LR	LR		08 44 17.0				
SKR	comp=Z,220nm,1.0s,mb5.5	e	e		08 37 15.5				
SKR	comp=N,2um,6.0s	e	e		08 37 52.0				
SKR	comp=E,3um,6.0s	eS	S		08 40 42.0				
SKR	comp=Z,3um,6.0s	eSS	S		08 41 20.0	-0.1			
SKR	comp=N,6um,14.0s	eSS	pmax		08 42 32.0				
SKR	comp=N,6um,14.0s,MS5.3	pmax	pmax						
SKR	comp=N,6um,14.0s	pmax	pmax						
SKR	comp=N,6um,14.0s	pmax	pmax						
SKR	comp=N,6um,14.0s	smax	smax						
SKR	comp=N,6um,14.0s	smax	smax						
SKR	comp=N,6um,14.0s	MLR	MLR						
SKR	comp=N,6um,14.0s	MLR	MLR						
SKR	comp=N,6um,14.0s	MLR	MLR						
HKC	Hong Kong	24.51 259	eP	P	08 37 08.0	+3.0			
HKC	Hong Kong	24.51 259	P	P	08 37 10.0	+5.0			
HKC	Hailar	25.24 327	S	S	08 41 44.0	+2.1			
HIA	Hailar	25.24 327	eP	P	08 37 11.4	-0.2			
HIA	comp=Z,65nm,1.1s	pmax	pmax						
HIA	comp=Z,4um,21.0s	MLR	MLR						
HIA	Hailar	25.24 327	eP	P	08 37 11.4	-0.2			
HIA	comp=Z,65nm,1.1s,mb5.1	LR	LR						
HIA	comp=Z,4um,21.0s,MS4.9	LR	LR						
CGP	Caqayan de Oro	25.50 218	P	P	08 37 15.0	+1.1			
SNPH	Sibulan	25.59 222	eP	P	08 37 15.0	+0.2			
HHC	Hu-ho-hao-te	25.99 304	eP	P	08 37 18.0	-0.4			
HHC	comp=Z,41nm,2.5s,mb4.5	PP	PCP		08 38 02.8				
HHC	comp=Z,1um,6.1s	PCP	PcP		08 40 43.8	-2.1			
HHC	comp=N,3um,15.3s,MS5.2	PcS	PcS		08 44 23.5	-3.3			
HHC	comp=E,4um,13.5s,MS5.2	AMB	AMB						
HHC	comp=Z,41nm,2.5s,mb4.5	AMB	AMB						
HHC	comp=Z,1um,6.1s	LR	LR						
HHC	comp=N,3um,15.3s,MS5.2	LR	LR						
HHC	comp=E,4um,13.5s,MS5.2	LR	LR						
HHC	comp=Z,8um,14.8s,MS5.4	LR	LR						
DAV	Davao City (W)	26.21 215	PFAKE	LR	08 37 30.0	+1.0			
DAV	comp=Z,9um,19.0s,MS5.3	LR	LR						
XAN	Xi'an	27.01 288	P	P	08 37 28.8	+1.2			
XAN	comp=Z,224nm,1.6s,mb5.5	S	AMB		08 42 05.8	+3.3			
XAN	comp=Z,1um,10.5s	AMB	AMB						
XAN	comp=N,3um,13.9s,MS5.2	LR	LR						
XAN	comp=E,3um,15.6s,MS5.2	LR	LR						
XAN	comp=Z,3um,15.1s,MS5.0	LR	LR						
BTO	Baotou	27.05 302	eP	P	08 37 28.8	+0.9			
BTO	comp=Z,30nm,1.7s,mb4.5	AMB	AMB						
BTO	comp=N,1um,13.4s,MS4.8	LR	LR						
BTO	comp=E,1um,13.3s,MS4.8	LR	LR						
PET	Petropavlovsk	27.16 25	eP	P	08 37 30.6	+1.7			
PET	comp=Z,1um,12.9s	ePP	pP		08 37 47.9	+8.3			
PET	comp=Z,1um,12.9s	eS	S		08 42 02.9	-1.9			
PET	comp=Z,1um,12.9s	pmax	pmax						
PET	comp=Z,2um,12.3s	pmax	pmax						
PET	comp=Z,110nm,1.6s,mb5.1	pmax	pmax						
PET	comp=Z,5um,17.0s,MS5.2	MLR	MLR						
PET	Petropavlovsk	27.16 25	eP	P	08 37 27.6	-1.4			
PET	comp=Z,142nm,1.4s,mb5.3	LR	LR						
PET	comp=Z,6um,19.0s,MS5.2	LR	LR						
NRGR	Nerungr	29.34 342	iP	P	08 37 49.9	+1.5			
NRGR	comp=Z,3um,12.0s	S	S		08 42 31.1	-8.1			
NRGR	comp=Z,3um,12.0s	smax	smax						

CLNS	Chul'man	29.46 343	eP	P	08 37 42.7	-6.7			
CLNS	comp=N,12nm,0.3s	e'PP	pP		08 37 56.2	-4.0			
CLNS	comp=Z,31nm,0.8s,mb5.1	eS	S		08 42 36.5	-4.5			
CLNS	comp=N,21nm,0.9s	pmax	pmax						
CLNS	comp=E,8.0nm,0.9s	pmax	pmax						
CLNS	comp=N,1um,12.5s	smax	smax						
CLNS	comp=Z,2um,12.1s	smax	smax						
CLNS	comp=E,519nm,13.0s	MLR	MLR						
CLNS	comp=N,2um,14.0s,MS5.1	MLR	MLR						
CLNS	comp=E,2um,14.0s,MS5.1	MLR	MLR						
CLNS	comp=Z,6um,14.0s,MS5.4	MLR	MLR						
QIZ	Qiongzong	29.55 256	P	P	08 37 51.8	+1.6			
QIZ	comp=Z,56nm,2.0s,mb5.0	S	S		08 42 41.3	-1.2			
QIZ	comp=Z,777nm,12.9s	XS	sS		08 42 57.0	-3.3			
QIZ	comp=N,7um,21.9s	AMB	AMB						
QIZ	comp=Z,56nm,2.0s,mb5.0	AMB	AMB						
QIZ	comp=Z,777nm,12.9s	LR	LR						
QIZ	comp=N,7um,21.9s	LR	LR						
QIZ	comp=Z,5um,32.3s	LR	LR						
QIZ	Qiongzong	29.55 256	PFAKE	LR	08 38 00.0	+1.0			
QIZ	comp=Z,4um,20.0s,MS5.0	LR	LR						
GYA	Guiyang	29.79 272	P	P	08 37 55.0	+2.6			
GYA	comp=Z,50nm,1.5s,mb5.0	PP	PP		08 38 54.0	-6.0			
GYA	comp=Z,720nm,8.4s	PPP	PPP		08 39 08.5				
GYA	comp=N,4um,15.0s,MS5.1	S	S		08 42 44.8	-1.4			
GYA	comp=E,2um,18.2s,MS5.1	PcS	PcS		08 44 39.3	+0.8			
GYA	comp=Z,50nm,1.5s,mb5.0	SSS	SSS		08 44 46.0				
GYA	comp=Z,50nm,1.5s,mb5.0	AMB	AMB						
GYA	comp=Z,720nm,8.4s	AMB	AMB						
GYA	comp=N,4um,15.0s,MS5.1	LR	LR						
GYA	comp=E,2um,18.2s,MS5.1	LR	LR						
GYA	comp=Z,5um,17.0s,MS5.2	LR	LR						
CIT	Chita	30.02 326	eP	P	08 37 56.4	+2.0			
CIT	comp=Z,62nm,2.8s,mb4.8	e	e		08 38 53.4				
CIT	comp=Z,50nm,0.9s,mb5.3	e	e		08 40 49.2				
CIT	comp=Z,62nm,2.8s,mb4.8	pmax	pmax						
MA2	Magadan	30.97 10	eP	P	08 38 02.8	0.0			
MA2	comp=Z,50nm,0.9s,mb5.3	eS	S		08 43 03.4	-1.3			
MA2	comp=Z,6um,13.0s,MS5.4	MLR	MLR						
MA2	comp=Z,105nm,1.0s,mb5.6	eP	P		08 38 03.2	+0.5			
MA2	comp=Z,2um,22.0s,MS4.8	LR	LR		08 38 10.9	-2.6			
LZH	Lanzhou	31.22 292	P	P	08 38 06.5	+1.5			
LZH	comp=Z,125nm,1.5s,mb5.5	PP	PP		08 39 11.3	-4.6			
LZH	comp=Z,582nm,7.3s	PPP	PPP		08 39 26.5				
LZH	comp=N,5um,13.5s	AMB	AMB						
LZH	comp=Z,6um,12.7s,MS5.5	LR	LR						
LZH	Lanzhou	31.22 292	P	P	08 38 06.5	+1.5			
LZH	comp=Z,125nm,1.5s,mb5.5	PP	PP		08 38 22.1	+6.3			
LZH	comp=Z,6um,12.7s,MS5.5	SP	SP		08 38 29.3	+8.9			
LZH	comp=Z,6um,12.7s,MS5.5	PP	PP		08 39 11.2	-4.7			
LZH	comp=Z,6um,12.7s,MS5.5	PPP	PPP		08 39 26.5				
LZH	comp=Z,6um,12.7s,MS5.5	S	S		08 43 07.1	-1.6			
LZH	comp=Z,6um,12.7s,MS5.5	sS	sS		08 43 32.5	+5.9			
LZH	comp=Z,6um,12.7s,MS5.5	ScP	ScP		08 44 36.7	-2.2			
LZH	comp=Z,6um,12.7s,MS5.5	ScS	ScS		08 48 31.7	-4.5			
LZH	comp=Z,6um,12.7s,MS5.5	LR	LR						
ULN	Ulaanbaatar	31.48 315	P	P	08 38 08.5	+1.2			
ULN	comp=Z,6um,12.7s,MS5.5	ULN	ULN		08 38 07.4	+0.1			
ULN	Ulaanbaatar	31.48 315	eP	P	08 38 08.5	+1.3			
ULN	comp=Z,6um,12.7s,MS5.5	LR	LR						
CD2	Chengdu	31.53 282	P	P	08 38 09.0	+1.3			
CD2	comp=Z,140nm,0.9s,mb5.8	PP	PP		08 41 15.3	-4.0			
CD2	comp=Z,560nm,5.7s	PCP	PCP		08 41 01.3	+1.5			
CD2	comp=N,14um,16.2s,MS5.8	AMB	AMB						
CD2	comp=N,14um,16.2s,MS5.8	LR	LR						
CD2	comp=N,14um,16.2s,MS5.8								

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MAK, TRO, NLWA, MOS, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HOPS, LTIM, MOD, WYOR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YNR, YFT, KIS, etc.

Table with columns: GBPR, Guanica, Bosqu, SJC, San Juan, SJJ, Isla Caja Muer, etc. Includes station names, coordinates, and status.

IS/CJB 29 08:47:17.8s.6.292N.0.1x1403E.02, h11km, 39km, mb4.1/3, Error ellipse: s-maj=29.9km s-min=10.6km az=91.1

IDC 29 08:47:18.0s.1.5.291N.1x1402E.02, h0km, mb3.5/2, mb1 3.7/5, mb1mx3.5/22, mbtm3.7/5, ML3.8/3, Error ellipse: s-maj=53.0km s-min=22.1km az=73.0

ISC 29 08:47:18.7s.1.291N.0.1x1403E.02, h5km, 48km, n10, c075/71, mb4.1/3, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Lists stations like Chichi jima, Hachioji jima, etc.

NEIC 29 08:51:37.9s.0.5.866N.9375E, h30km, mb4.3/1, Error ellipse: s-maj=21.7km s-min=10.6km az=45.0

IS/CJB 29 08:51:40.9s.3.87N.0.1x940E.02, h72km, 30km, mb3.7/1, Error ellipse: s-maj=31.0km s-min=16.2km az=107.1

IDC 29 08:51:42.5s.4.2.871N.9382E, h68km, 39km, mb3.5/11, mb1 3.6/12, mb1mx3.5/21, mbtm3.8/12, ML3.5/1, Error ellipse: s-maj=28.8km s-min=15.2km az=57.0

ISC 29 08:51:43.4s.2.5.88N.0.1x940E.02, h75km, 24km, n14, c1501/15, mb3.7/11, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Lists stations like Kulim, Prapat, Makanchi Array, etc.

IS/CJB 29 09:23:47.0s.0.7.739N.009.8961E.008, h10km, mb3.8/8, Error ellipse: s-maj=16.6km s-min=7.8km az=209.0

IDC 29 09:23:48.0s.1.2.742N.8968E, h0km, mb3.6/6, mb1 3.7/7, mb1mx3.6/21, mbtm3.7/7, ML3.8/1, MS3.2/1, Ms1 3/2, ms1mx2.7/4, Error ellipse: s-maj=43.8km s-min=21.4km az=50.0

NEIC 29 09:23:49.1s.0.5.744N.8962E, h10km, mb4.1/1, Error ellipse: s-maj=16.6km s-min=7.8km az=209.0

ISC 29 09:23:49.7s.0.7.740N.009.8961E.008, h10km, n21, c080/24, mb3.8/8, Bay of Bengal

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Lists stations like Palk, Prapat, Vishakhapatnam, etc.

IDC 29 09:32:07.8s.4.1.220N.10136W, h0km, mb3.6/4, mb1 4.0/4, mb1mx3.8/12, mbtm3.6/4, Error ellipse: s-maj=192.2km s-min=29.8km az=58.0, Galapagos Triple Junction region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Lists stations like Lajitas Array, Mina Array Bea, etc.

PDAR Pinedale Array 41.05 351 P 09 39 53.0 +0.2
Vila Florida 51.10 127 P 09 41 12.4 +0.3

IGQ 29 09:32:57.8, 180N-7928W, h12km, 6km, Mb4.0, Ms3.8, 3D, Error ellipse: s-maj=9.4km s-min=5.9km az=154.0, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Lists stations like Yana, Pino, Terza Guagua, etc.

IS/CJB 29 09:34:12.8s.1.5.293N.0.1x1406E.03, h52km, 26km, mb4.3/5, Error ellipse: s-maj=52.3km s-min=9.3km az=130.7

IDC 29 09:34:14.9s.2.3.2934N.14086E, h60km, 36km, mb3.5/3, mb1 3.7/6, mb1mx3.4/22, mbtm3.3/6, ML3.6/3, Error ellipse: s-maj=10.6km s-min=12.2km az=70.0

ISC 29 09:34:16.1s.2.2930N.0.1x1407E.03, h54km, 24km, n12, c068/13, mb4.3/5, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Lists stations like Chichi jima, Hachioji jima, etc.

IDC 29 09:40:49.5s.3.8.183N.10204W, h0km, mb3.9/4, mb1 4.3/4, mb1mx4.0/12, mbtm3.9/4, MS4.1/5, Ms1 4.1/5, ms1mx3.6/28, Error ellipse: s-maj=177.2km s-min=26.5km az=59.0, Galapagos Triple Junction region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Lists stations like Matias Romero, Lajitas Array, etc.

IDC 29 09:41:26.2s.7.8.1524S.17172W, h0km, mb4.0/5, mb1 4.2/5, mb1mx3.8/16, mbtm3.9/4, Error ellipse: s-maj=191.5km s-min=26.7km az=113.0

IS/CJB 29 09:41:30.0s.0.5.0.152S.0.2x1717W.08, h43km, 48km, mb4.1/6, Error ellipse: s-maj=126.0km s-min=38.9km az=9.8

ISC 29 09:41:29.9s.6.9.152S.0.2x1717W.07, h23km, 54km, n9, c074/10, mb4.1/6, Samoa Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Lists stations like Afi, DZM, STKA, etc.

IDC 29 09:42:10.0s.2.4.4018N.5228E, h0km, mb3.9/5, mb1 4.0/10, mb1mx3.7/26, mbtm3.9/10, ML4.2/1, Error ellipse: s-maj=44.2km s-min=13.9km az=155.0

IS/CJB 29 09:42:10.5s.3.0.4040N.005.5237E.007, h12km, 22km, mb4.1/13, Error ellipse: s-maj=11.0km s-min=6.4km az=85.7

NEIC 29 09:42:12.3s.0.8.4043N.5238E, h10km, mb4.0/12, Error ellipse: s-maj=17.8km s-min=5.2km az=160.0

MOS 29 09:42:14.0s.0.7.4057N.5237E, h83km, mb4.3/10, Error ellipse: s-maj=11.3km s-min=9.1km az=39.5

CSEM 29 09:42:15.1s.0.1.4032N.5229E, h50km, mb4.3/8, Error ellipse: s-maj=2.6km s-min=1.8km az=151.0

THR 29 09:42:24.9s.0.5.3941N.5147E, h16km, 9km, ML3.4

ISC 29 09:42:13.2s.3.4.4039N.005.5238E.007, h20km, 24km, n72, c084/80, mb4.1/13, Turkmenistan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Lists stations like GRI, GRMI, CHTH, etc.

GNI comp=E.66km,0.3s,SNR=52 5.85 270 Pn 09 43 40.4 +1.5
GNI comp=E.1.0nm,0.3s,baz=8.1,slow=7.1,SNR=2.7 5.85 270 P pmax 09 43 40.4 +1.5

ASAO Ashtian 6.12 199 ePn Pn 09 43 41.5 -1.1
AKTK Aktyubinsk 10.79 20 Pn Pn 09 44 46.7 0.0

AKTK Aktyubinsk 10.79 20 Sn Sn 09 46 40.2 -6.7
AKTK Aktyubinsk 10.79 20 Pn Pn 09 44 46.7 0.0

AKTK Aktyubinsk 10.79 20 Sn Sn 09 46 40.2 -6.7
AKTK Aktyubinsk 10.79 20 Pn Pn 09 44 46.7 0.0

AKTK Aktyubinsk 10.79 20 Pn Pn 09 46 40.2 -6.7
AKTK Aktyubinsk 10.79 20 Pn Pn 09 44 46.7 0.0

AAK Ala-Archa 16.71 75 eP pmax 09 46 05.2 -0.9
AAK Ala-Archa 16.71 75 eP Pn 09 46 05.2 -1.0

AAK Ala-Archa 16.71 75 eP Pn 09 46 05.2 -0.9
AAK Ala-Archa 16.71 75 eP Pn 09 46 05.2 -1.0

ZRNK Zerenda 16.92 36 eP pmax 09 46 07.8 -1.0
ZRNK Zerenda 16.92 36 eP Pn 09 46 07.8 -1.0

ZRNK Zerenda 16.92 36 eP Pn 09 46 07.8 -1.0
ZRNK Zerenda 16.92 36 eP Pn 09 46 07.8 -1.0

BRVK Borovoye 17.58 38 eP pmax 09 46 15.8 -1.2
BRVK Borovoye 17.58 38 eP Pn 09 46 15.8 -1.2

BRVK Borovoye 17.58 38 eP Pn 09 46 15.8 -1.2
BRVK Borovoye 17.58 38 eP Pn 09 46 15.8 -1.2

BVAR Borovoye Array 17.61 38 P Pn 09 46 16.6 -0.7
BVAR Borovoye Array 17.61 38 P Pn 09 46 16.6 -0.8

CHKZ Chkalovo 18.12 37 P pmax 09 46 26.0 +2.3
CHKZ Chkalovo 18.12 37 P pmax 09 46 26.0 +2.3

CHKZ Chkalovo 18.12 37 P Pn 09 46 26.0 +2.3
CHKZ Chkalovo 18.12 37 P Pn 09 46 26.0 +2.3

AKASG Malin Array Be 19.14 310 P Pn 09 46 34.9 -1.3
AKASG Malin Array Be 19.14 310 P pmax 09 46 34.9 -1.2

AKASG Malin Array Be 19.14 310 P Pn 09 46 34.9 -1.3
AKASG Malin Array Be 19.14 310 P pmax 09 46 34.9 -1.2

AKB Malin Array Si 19.14 310 eP Pn 09 46 34.8 -1.3
MLR Muntele Rosu 19.98 294 P Pn 09 46 45.8 -0.3

MK31 Makanchi Array 22.50 64 eP Pn 09 47 12.5 +1.0
MK31 Makanchi Array 22.50 64 P Pn 09 47 12.2 +0.7

FINES FINESS Array B 26.49 331 P pmax 09 47 48.3 -0.9
FINES FINESS Array B 26.49 331 P Pn 09 47 48.3 -0.9

HFS Hagfors 31.00 323 P P 09 48 29.6 +0.3
HFS Hagfors 31.00 323 P P 09 48 29.6 +0.2

CDF Champ Du Feu 32.81 299 eP P 09 48 45.0 +0.3
LPG La Plagne 33.44 294 eP P 09 48 51.7 +0.9

LPG La Plagne 33.44 294 eP P 09 48 51.7 +0.9
LPG La Plagne 33.44 294 eP P 09 48 51.7 +0.9

LPG La Plagne 33.44 294 eP P 09 48 51.7 +0.9
LPG La Plagne 33.44 294 eP P 09 48 51.7 +0.9

LPL La Plagne 33.44 294 eP P 09 48 51.2 +0.7
LPL La Plagne 33.44 294 eP P 09 48 51.2 +0.3

LPL La Plagne 33.44 294 eP P 09 48 51.2 +0.3
LPL La Plagne 33.44 294 eP P 09 48 51.2 +0.3

HU Haudompre 33.45 299 eP P 09 48 51.5 +0.6
MBDF Montbard 33.54 293 eP P 09 48 52.0 +0.4

MBDF Montbard 33.54 293 eP P 09 48 52.0 +0.4
MBDF Montbard 33.54 293 eP P 09 48 52.0 +0.4

CABF La Chapelle 33.76 296 eP P 09 48 53.9 +0.3
CABF La Chapelle 33.76 296 eP P 09 48 53.9 +0.3

CABF La Chapelle 33.76 296 eP P 09 48 53.9 +0.3
CABF La Chapelle 33.76 296 eP P 09 48 53.9 +0.3

CABF La Chapelle 33.76 296 eP P 09 48 53.9 +0.3
CABF La Chapelle 33.76 296 eP P 09 48 53.9 +0.3

FRF La Foret Royal 33.83 291 eP P 09 48 54.4 +0.3
FRF La Foret Royal 33.83 291 eP P 09 48 54.4 +0.3

FRF La Foret Royal 33.83 291 eP P 09 48 54.4 +0.3
FRF La Foret Royal 33.83 291 eP P 09 48 54.4 +0.3

FRF La Foret Royal 33.83 291 eP P 09 48 54.4 +0.3
FRF La Foret Royal 33.83 291 eP P 09 48 54.4 +0.3

LOR Lormes 35.20 298 eP P 09 49 05.8 +0.2
LOR Lormes 35.20 298 eP P 09 49 05.8 +0.2

LOR Lormes 35.20 298 eP P 09 49 05.8 +0.2
LOR Lormes 35.20 298 eP P 09 49 05.8 +0.2

SMF Signal de Mont 35.29 297 eP P 09 49 07.0 +0.2
SSF Saint Saulge 35.47 297 eP P 09 49 08.0 -0.3

AVF Avril sur Loir 35.61 297 eP P 09 49 07.9 -1.6
AVF Avril sur Loir 35.61 297 eP P 09 49 07.9 -1.6

AVF Avril sur Loir 35.61 297 eP P 09 49 07.9 -1.6
AVF Avril sur Loir 35.61 297 eP P 09 49 07.9 -1.6

BVF Avril sur Loir 35.61 297 eP P 09 49 07.9 -1.6
BVF Avril sur Loir 35.61 297 eP P 09 49 07.9 -1.6

AGF Avril sur Loir 35.61 297 eP P 09 49 07.9 -1.6
AGF Avril sur Loir 35.61 297 eP P 09 49 07.9 -1.6

AMKA Amchitka 1.73 318 P Pn 09 53 16.3 +0.2
AMKA Atka Island 3.61 53 P Sn 09 53 36.1 -1.3

Table of station data for 995, including station names, coordinates, and various parameters like SNR, elevation, and status.

Table of station data for 2006 OCT, including station names, coordinates, and various parameters like SNR, elevation, and status.

Table of station data for 29d 11h, including station names, coordinates, and various parameters like SNR, elevation, and status.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BVAR Borovoye Array, AKASG Hatin Array, MKAR Makanchi Array, FINES FINESS Array B, etc.

NEIC 29 13:03:21.1±0.7, 545N-9427E, h30km, mb4.6/2, Error ellipse: s-maj=25.3km s-min=8.0km az=224.0

IDC 29 13:03:25.5±5.3, 551N-9448E, h68km, mb3.7/9, mb1.3/9.10, mb1m3.8/22, mbtmp4.0/10, ML3.7/1, Error ellipse: s-maj=67.6km s-min=16.8km az=57.0

ISCJB 29 13:03:26.5±2.4, 57N.01-947E.01, h90km, 22km, mb4.1/16, Error ellipse: s-maj=28.4km s-min=12.1km az=95.8

ISC 29 13:03:27.1±2.3, 57N.01-947E.01, h77km, 21km, n22, az=62/22, mb4.1/16, Northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PSI Prapat, PSI Kulim, DMN Daman, GUN Gumba, GKN Gorkha, KOLN Koldanda, MK31 Makanchi Array, MKAR Makanchi Array, SONM Songoing Array, WRA Warramunga Arr, WB2 Warramunga Arr, ASAR Alice Springs, ZAL Zalesovo, BVAR Borovoye Array, BRVK Borovoye, CHKZ Chkalovo, FINES FINESS Array B, ARCES ARCESS Array B, GERES GERESS Array B, TXAR Lajitas Array.

CASC 29 13:20:44.2±1.7, 1329N-8759W, h15km, 6km, MD3.9, ML3.7, 8C-5D, Honduras

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CNCH Conchagua, BLM Bellamira, CRIN San Cristobal, TELN Telica, LEON Leon, NEON Cerro Negro, MIRM Miramar, MOMJ Momotombo, LCBS La Ceiba, COPN Copaltepe, LFRS El Faro, LBRS Las Brisas, APYN Apoyeque, XAVN Gruta Xavier, MGAN Managua, TICN Ticuantepe, CONN Concepcion, SSNN San Juan del S, MADN Villa Maderes.

NEIC 29 13:54:27.3, 1824N-9754W, h65km, MD3.8(MEX), After MEX.

MEX 29 13:54:27.8±1.1, 1826N-9756W, h60km, 9km, MD3.8, Central Mexico

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TPIG Tehuacan, UTMO Huajuaplan, PPM Popocatepeti, PPM Popocatepeti, OXX Oaxaca, VHO Vista Hermosa, YAIG Yauatepec, IAIG Yauatepec, IO Organos, PLIG Platanillo, MEIG Mezcala, CAIG El Cayaco.

IDC 29 14:09:22.1±2.4, 664S-12978E, h0km, mb3.4/1, mb1.3/5.4, mb1mx3.3/14, mbtmp3.3/4, ML3.3/3, Error ellipse: s-maj=89.0km s-min=30.1km az=77.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include FITZ Fitzroy Crossi, FITZ Fitzroy Crossi.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

ISCJB 29 14:35:24.6±0.5, 247N-006-9887E.007, h155km, 4km, mb4.2/21, Error ellipse: s-maj=13.0km s-min=7.4km az=96.7

IDC 29 14:35:25.4±0.3, 254N-9901E, h145km, 2km, mb4.0/15, mb1.4/15, mb1mx3.9/23, mbtmp4.4/15, Error ellipse: s-maj=21.0km s-min=9.5km az=59.0

NEIC 29 14:35:26.2±0.6, 252N-9901E, h154km, 5km, mb4.3/5, Error ellipse: s-maj=12.2km s-min=6.7km az=59.0

ISC 29 14:35:25.7±0.5, 245N-006-9883E.007, h149km, 4km, n46, az=68/47, mb4.2/21, Northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PSI Prapat, PSI Prapat, IPII Ipo, PPI Padang Panjang, KULM Kulim, KGM Kuala, BSI Banda Aceh, CBJI Citeko, PFKM Kota Kinabalu, PALK Palk, PALK Tawau, PCI Palatele, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, KAKA Kakadu, NWAO Narogin (SRO), WRA Warramunga Arr, WRA Warramunga Arr, WB2 Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, SONM Songoing Array, MK31 Makanchi Array, MKAR Makanchi Array, ZAL Zalesovo, STKA Stephens Creek, STKA Stephens Creek, BVAR Borovoye Array, ZRKN Zerkow, CHKZ Chkalovo, BRTR Keskin Array B, MAW Mawson, AKASA Malin Array B, BOSO Boshof, JOF Joensuu, FIA1 FINESS Array B, FINES FINESS Array B, KAF Kangasniemi, ARCES ARCESS Array B, VVDA Vanda, QSPA South Pole Qui, TXAR Lajitas Array, CPUP Villa Florida, CPUP Villa Florida.

ISCJB 29 14:46:23.0±0.6, 4165N-7330E, h14km, 3km, ml1.9, Error ellipse: s-maj=3.9km s-min=3.3km az=78.0

ISCJB 29 14:46:24.1±1.3, 4168N-009-7321E.008, h10km, Error ellipse: s-maj=12.8km s-min=8.1km az=156.9

ISC 29 14:46:25.2±1.3, 4171N-009-7322E.008, h10km, n8, az=130/14, 12C-3D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AML Almayushu, UCH Uchter, UCH Uchter, AAK Ala-Archa, AAK Kyzart, KZA Zhetysay, USP Oshovka, USP Oshovka, TKM2 Tokmak, TKM2 Tokmak, ULHL Ulahol, ULHL Ulahol, KK31 Karatay Array, KK31 Karatay Array.

IDC 29 14:47:24.2±4.5, 743S-12349E, h126km, 43km, mb3.0/1, mb1.2/9.4, mb1mx2.9/16, mbtmp3.2/4, Error ellipse: s-maj=17.3km s-min=16.8km az=60.0

ISCJB 29 14:47:27.6±3.3, 73S-02-1232E.02, h184km, 34km, mb3.3/1, Error ellipse: s-maj=36.8km s-min=18.0km az=68.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AML Almayushu, UCH Uchter, UCH Uchter, AAK Ala-Archa, AAK Kyzart, KZA Zhetysay, USP Oshovka, USP Oshovka, TKM2 Tokmak, TKM2 Tokmak, ULHL Ulahol, ULHL Ulahol, KK31 Karatay Array, KK31 Karatay Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KAKA Kakadu, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, MKAR Makanchi Array, MKAR Makanchi Array.

IDC 29 15:10:02.3±1.6, 524N-12582E, h0km, mb3.8/5, mb1.4/0.5, mb1mx3.7/18, mbtmp3.9/5, Error ellipse: s-maj=103.6km s-min=21.9km az=67.0

NEIC 29 15:10:05.4±0.9, 487N-12495E, h10km, mb4.2/1, Error ellipse: s-maj=45.8km s-min=13.4km az=86.0

ISCJB 29 15:10:11.3±3.3, 51N.03-125E.06, h87km, 43km, mb3.7/5, Error ellipse: s-maj=114.1km s-min=21.9km az=138.5

ISC 29 15:10:10.8±3.4, 50N-02-1252E.05, h57km, 42km, n10, az=67/10, mb3.8/5, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DAV Davao City (W), FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WRA Warramunga Arr, WB2 Warramunga Arr, STKA Stephens Creek, STKA Stephens Creek, MKAR Makanchi Array, MKAR Makanchi Array.

NEIC 29 15:23:26.4, 1535N-9629W, h5km, MD4.2(MEX), After MEX.

MEX 29 15:23:26.6±0.6, 1536N-9630W, h9km, 5km, MD4.3, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include HUIG Huatulco, VHO Vista Hermosa, OXX Oaxaca, OXX Oaxaca, OXX Oaxaca, PNIG Pinotepa, PNIG Pinotepa, PNIG Pinotepa, CMIG Matias Romero, CMIG Matias Romero, CMIG Matias Romero, UTMO Huajuaplan, TPIG Tehuacan, TPIG Tehuacan, MEIG Mezcala, CCIG Comitlan, CCIG Comitlan, CCIG Comitlan, CAIG El Cayaco, CAIG El Cayaco, CAIG El Cayaco, CAIG El Cayaco, PLIG Platanillo, PLIG Platanillo, PLIG Platanillo, PPM Popocatepeti, PPM Popocatepeti, LVIG Laguna Verde, LVIG Laguna Verde, LVIG Laguna Verde, LVIG Laguna Verde, YAIG Yauatepec, YAIG Yauatepec, IAIG Yauatepec, IAIG Yauatepec, IO Organos, IO Organos, SZVM Salazar, SZVM Salazar.

IDC 29 15:37:36.0±0.8, 5525N-16197E, h0km, mb3.9/15, mb1.4/15, mb1mx4.0/25, mbtmp3.9/15, MS3.3/5, Ms1.3/3.5, ms1mx2.8/35, Error ellipse: s-maj=24.4km s-min=15.9km az=172.0

MOS 29 15:37:36.2±0.2, 5513N-16250E, h16km, mb4.2/8, Error ellipse: s-maj=17.4km s-min=8.3km az=81.0

KRSC 29 15:37:38.5±0.6N-16249E, h21km, ML4.7, Error ellipse: s-maj=16.2km s-min=8.1km az=169.0

ISCJB 29 15:37:40.4±0.6, 5505N-003-16243E.008, h50km, 6km, mb4.0/17, MS3.4/4, Error ellipse: s-maj=7.6km s-min=4.1km az=31.0

NEIC 29 15:37:43.0±1.7, 5521N-16197E, h54km, 17km, mb3.9/1, Error ellipse: s-maj=14.6km s-min=9.9km az=169.0

ISC 29 15:37:41.5±0.6, 5507N-003-16242E.008, h47km, 6km, n55, ±125/68, mb4.0/17, MS3.4/4, 2C, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MKZ Mys Kozlova, KBTR Krytoberegovo, KBTR Krytoberegovo, ZLN Zelenaya, TURM Tumrok, TURM Tumrok, KMNR Kamenistaya, KMNR Kamenistaya, KPT Kopyto, KPT Kopyto, KRSR Krestovskiy, KRSR Krestovskiy, KLY Klyuchi, KLY Klyuchi, SRKR Sorokina, SRKR Sorokina, KOZR Kozry, KOZR Kozry, KOZ Kozryevsk, KOZ Kozryevsk, SRDR Sredinnyy, SRDR Sredinnyy, NLY Shipunski, NLY Shipunski, NLC Nalychevsk, NLC Nalychevsk, AVH Avacha, AVH Avacha, GNL Ganaly, GNL Ganaly.

29d 21h

ISC 29:18:32:20.8:0.5, 4235N, 003.1989E, 003, h1km, gkm, n18, f124/32, 7C-4D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Lists stations like Plav, Podgorica, Berane, Brajci-Budva, Niksic, Herceg Novi, etc.

ISCJB 29:18:44:04.1:4.1, 172S:0.3x1792W:0.2, h49km, 20km, mb3.8/10, Error ellipse: s-maj=50.9km s-min=13.1km az=131.5

ISC 29:18:44:05.7:2.0, 1742S:1790W, h502km, 25km, mb3.3/7, mb1.3.6/9, mb1mx3.4/15, mbtmp4.2/9, Error ellipse: s-maj=42.2km s-min=13.8km az=151.0

NEIC 29:18:44:05.5:1.0, 1729S:17910W, h501km, 13km, mb4.0/1, Error ellipse: s-maj=44.2km s-min=10.2km az=158.0

ISC 29:18:44:05.8:1.3, 173S:0.3x1791W:0.2, h497km, 18km, n21, f0572/18, mb3.8/10, 3D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Lists stations like Afiamalu, Warramunga Arr, Port Moresby, etc.

ISCJB 29:18:56:40.6:1.5, 4130N:006:4398E:007, h10km, Error ellipse: s-maj=10.2km s-min=5.4km az=76.0

CSEM 29:18:56:43.0:1, 4138N:44.9E, h14km, mb3.5/1, After OBN MOS 29:18:56:43.1:0.1, 4138N:44.9E, h14km, mb3.5/1, Error ellipse: s-maj=58.5km s-min=17.8km az=89.0

ISC 29:18:56:40.1:1.6, 4123N:007:4400E:007, h10km, n9, f096/18, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Lists stations like Delisi, Gori, David-gareji, etc.

ISC 29:18:20:45.1:11.0, 1805S:17877W, h606km, 113km, mb3.2/5, mb1.3.3/6, mb1mx3.0/16, mbtmp4.2/6, 1D, Error ellipse: s-maj=100.3km s-min=73.7km az=128.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Lists stations like Mont Dzumac, Charters Tower, Stephens Creek, etc.

ISCJB 29:16:47:52.8, 2261S:009:702W:0.1, h53km, 30km, mb3.8/3, Error ellipse: s-maj=23.4km s-min=12.0km az=50.0

ISC 29:16:50.6:3.2, 2265S:7015W, h67km, 29km, mb3.4/3, mb1.3.8/6, mb1mx3.7/17, mbtmp3.6/6, ML3.9/3, Error ellipse: s-maj=29.8km s-min=26.2km az=118.0

NEIC 29:16:50.8:1.4, 2261S:7011W, h69km, 14km, mb3.5/2, Error ellipse: s-maj=18.1km s-min=8.8km az=95.0

ISC 29:16:49.8:1.2, 2263S:009:703W:0.2, h55km, 24km, n13,

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f075/12, mb3.8/3, Near coast of eastern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Lists stations like Coronel Fontan, SIV, CPUP, etc.

NIED 29:20:24:00, 40.10N:142.40E, h44km, Mw3.6 Best double couple: Mo:2.96000x10^14 NP1:3e23.00000, delta.70.00000, 7.99.00000, NP2:1e7.178000, delta.22.00000, delta.70.00000, JMA 29:20:24:35.8:0.1, 40.15N:142.45E, h34km, 1km, M3.7, ISCJB 29:20:24:36.5:0.8, 40.15N:003:142.41E:0.08, h43.9km, mb3.6/4, Error ellipse: s-maj=10.0km s-min=5.1km az=92.0

NEIC 29:20:24:37.6:1.2, 40.17N:142.66E, h65km, 5km, MG3.7(JMA), Error ellipse: s-maj=26.7km s-min=10.1km az=112.0

ISC 29:20:24:38.0:3.2, 40.17N:142.59E, h66km, 29km, mb3.1/3, mb1.3.2/5, mb1mx3.1/23, mbtmp3.4/5, ML3.5/2, Error ellipse: s-maj=49.4km s-min=25.2km az=88.0

ISC 29:20:24:37.3:0.7, 40.16N:142.40E:0.08, h41km, gkm, n18, f125/31, mb3.6/4, 7D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Lists stations like Tanohata, Nango, Miyakonagasawa, etc.

NEIC 29:20:24:46.1, 1823N:61.44W, h25km, MD3.8(TRN), MD4.0(FDF), After TRN.

TRN 29:20:24:48.1, 1825N:61.53W, h35km, MD3.7, M3.9(FDF), Leeward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Lists stations like Codrington, Boggy Peak, Saba, etc.

ISCJB 29:20:35:16.6:0.5, 3601N:003:140.14E:005, h77km, 4km, mb3.3/3, Error ellipse: s-maj=7.2km s-min=5.0km az=169.5

ISC 29:20:35:16.9:4.8, 3607N:140.30E, h71km, 34km, mb3.2/3, mb1.3.3/4, mb1mx3.1/21, mbtmp3.5/4, ML3.2/1, Error ellipse: s-maj=56.4km s-min=9.2km az=60.0

NEIC 29:20:35:16.2:1.5, 3604N:140.33E, h67km, 13km, Error ellipse: s-maj=19.2km s-min=12.6km az=135.0

JMA 29:20:35:18.2:0.1, 3603N:140.07E, h62km, 1km, M2.9, ISC 29:20:35:17.4:0.5, 3601N:003:140.14E:005, h71km, 5km, n24, f085/17, mb3.3/3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Lists stations like Yasato, Tokyo, Ashikaga, etc.

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Table with columns: MAJO, MAT, JHU, JHH, ERM, ERM, TATO, SONM, MKAR, WRA. Lists stations like Matsushiro, Hachijo jima, etc.

ISC 29:20:44:38.9:15.0, 1771S:17877W, h668km, 142km, mb2.9/3, mb1.3.0/3, mb1mx2.8/13, mbtmp4.0/3, Error ellipse: s-maj=148.9km s-min=77.8km az=116.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Lists stations like Stephens Creek, Warramunga Arr, etc.

ISC 29:21:10:16.1:1.9, 3191S:17798W, h0km, mb4.1/4, mb1.4.2/5, mb1mx3.9/13, mbtmp4.1/5, ML3.5/1, MS3.4/1, Ms1.3.4/1, ms1mx2.9/16, Error ellipse: s-maj=53.5km s-min=39.8km az=23.0

ISCJB 29:21:10:21.3:6.5, 3225S:009:1784W:0.2, h26km, 45km, mb4.2/6, MS3.3/1, Error ellipse: s-maj=24.4km s-min=15.5km az=168.7

NEIC 29:21:10:22.2:1.3, 3205S:17808W, h35km, mb4.4/2, Error ellipse: s-maj=26.8km s-min=15.6km az=66.0

ISC 29:21:10:23.3:6.3, 3205S:009:1782W:0.2, h33km, 47km, n16, f056/15, mb4.2/6, MS3.3/1, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Lists stations like Urewera, Stephens Creek, Charters Tower, etc.

ISCJB 29:21:12:52.4:0.4, 5148N:002:1614E:003, h0km, Error ellipse: s-maj=3.4km s-min=2.9km az=80.9

IPEC 29:21:12:53.6:0.3, 5155N:1619E, h0km, 1km, ML2.1/3, Error ellipse: s-maj=2.9km s-min=1.5km az=29.0

CSEM 29:21:12:55.0:0.2, 5149N:1610E, h0km, ML3.1/8, Error ellipse: s-maj=4.2km s-min=2.4km az=18.0

PRU 29:21:12:55.8, 5144N:1611E, h0km, Error ellipse: s-maj=3.3km s-min=3.1km az=118.0 65 km WNW of Breslau Suspected Mining Induced

NEIC 29:21:12:59.6, 5120N:1596E, h10km, ML2.5(PRU), Error ellipse: s-maj=19.6km s-min=3.3km az=112.0

VIE 29:21:12:57.0:0.5, 5128N:1612E, h0km, mb2.3/5, ML2.6/5, Error ellipse: s-maj=3.3km s-min=3.1km az=118.0 65 km WNW of Breslau Suspected Mining Induced

ISC 29:21:12:53.9:0.4, 5151N:002:1614E:003, h0km, n35, f082/65, SC-2D, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Lists stations like Ksiaz, Upice, Dobruska-Polom, etc.

DPC Dobruska-Polom 1.16 174 ePg Pg 21 13 06.0 -0.7

DPC Dobruska-Polom 1.16 174 ePg Pg 21 13 16.5 +0.3

DPC Dobruska-Polom 1.16 174 ePg Pg 21 13 16.5 +0.3

DPC Dobruska-Polom 1.16 174 ePg Pg 21 13 16.5 +0.3

DPC Dobruska-Polom 1.16 174 ePg Pg 21 13 16.5 +0.3

DPC Dobruska-Polom 1.16 174 ePg Pg 21 13 16.5 +0.3

DPC Dobruska-Polom 1.16 174 ePg Pg 21 13 16.5 +0.3

DPC Dobruska-Polom 1.16 174 ePg Pg 21 13 16.5 +0.3

DPC Dobruska-Polom 1.16 174 ePg Pg 21 13 16.5 +0.3

DPC Dobruska-Polom 1.16 174 ePg Pg 21 13 16.5 +0.3

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, ASAR, SONM, MKAR.

NEIC 29 21:42:06.5, 2822S, 7092W, h42km, MD4.1(GUC), After GUC.

GUC 29 21:42:06.5, 2.6, 2822S, 7092W, h42km, MD4.1, ML4.3, 4D, Central Chile.

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

IDC 29 21:58:10.9, 1.1, 478S, 10247E, h0km, mb4.2/10, mb1.43/10, mb1mx4.0/19, mbtmp4.2/10, MS2.7/1, Ms1 2.7/1, mb1mx2.5/21, Error ellipse: s-maj=60.8km s-min=15.5km az=51.0.

ISCJB 29 21:58:13.5, 0.4, 489S, 008.1024E.01, h33km, mb4.4/20, Error ellipse: s-maj=17.5km s-min=8.5km az=118.9.

NEIC 29 21:58:15.6, 0.4, 485S, 10239E, h35km, mb4.4/5, Error ellipse: s-maj=15.8km s-min=8.1km az=62.0.

ISC 29 21:58:12.7, 5.5, 484S, 008.1024E.01, h12km, 35km, n31, c098Z/27, mb4.4/20, Southern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PSI, COCO, KULM, MBWA, FITZ, WRA, ASAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BRTR, JOF, FINES, KAF, ARCES, etc.

IDC 29 21:39:55.5, 2.1, 127N, 12640E, h0km, mb3.3/3, mb1 3.6/3, mb12mx3.4/15, mbtmp3.4/3, Error ellipse: s-maj=176.1km s-min=27.0km az=65.0, Northern Molucca Sea

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

MOS 29 23:03:16.7, 1.2, 391N, 7044E, h83km, mb3.7/1, Error ellipse: s-maj=37.2km s-min=15.6km az=78.7.

IDC 29 23:03:17.9, 10.0, 3903N, 7064E, h75km, 101km, mb3.0/2, mb1 3.4/4, mb1mx3.0/22, mbtmp3.5/4, ML3.5/1, MS3.1/1, Ms1 3.1/1, ms1mx2.5/7, Error ellipse: s-maj=90.4km s-min=39.4km az=50.0.

NEIC 29 23:03:18.6, 3.9, 3915N, 7054E, h83km, 36km, Error ellipse: s-maj=37.3km s-min=23.5km az=212.0.

ISCJB 29 23:03:19.3, 2.9, 392N, 02.705E.02, h105km, 26km, mb3.3/2, Error ellipse: s-maj=35.1km s-min=18.4km az=45.3.

ISC 29 23:03:23.2, 2.1, 395N, 02.707E.02, h122km, 20km, n22, c1500/24, mb3.3/2, 5C-1D, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AML, KML, KK31, KK31, etc.

NEIC 29 23:14:40.9, 1394N, 9356W, h20km, MD4.4(MEX), After MEX.

MEX 29 23:14:40.5, 0.3, 1392N, 9357W, h20km, 46km, MD4.4, Off coast of Chiapas

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

IDC 29 23:43:34.3, 4.7, 2356S, 17803W, h0km, mb4.2/2, mb1 4.5/2, mb1mx3.7/12, mbtmp4.2/2, Error ellipse: s-maj=271.4km s-min=53.7km az=156.0.

ISCJB 29 23:43:38.0, 1.8, 236S, 02.1782W, 03, h33km, mb4.3/4, Error ellipse: s-maj=41.6km s-min=18.2km az=106.8.

NEIC 29 23:43:38.0, 1.3, 2339S, 17793W, h35km, mb4.6/3, Error ellipse: s-maj=32.7km s-min=19.4km az=52.0.

ISC 29 23:43:39.7, 1.8, 236S, 02.1781W, 03, h35km, n14, c081/11, mb4.3/4, South of Fiji Islands

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

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

NEIC 29 23:55:12.5, 0.3, 3853N, 1461E, h282km, mb3.7/17, After ROM.

ROM 29 23:55:12.5, 0.3, 3853N, 1461E, h282km, 5km, ML3.1/35, Error ellipse: s-maj=3.1km s-min=2.8km az=82.0.

ISCB 29 23:55:13.1, 0.3, 3851N, 003.1470E.004, h287km, 2km, mb3.5/12, Error ellipse: s-maj=5.9km s-min=5.1km az=101.8.

CSEM 29 23:55:13.6, 0.1, 3856N, 1458E, h270km, 1km, ML3.7/7, Error ellipse: s-maj=3.4km s-min=2.1km az=105.0.

IDC 29 23:55:14.3, 0.9, 3873N, 1443E, h289km, 12km, mb3.3/9, mb1 3.3/14, mb1mx3.2/24, mbtmp3.9/14, Error ellipse: s-maj=17.9km s-min=12.3km az=98.0.

MOS 29 23:55:14.3, 1.3, 3878N, 1482E, h267km, mb3.8/10, Error ellipse: s-maj=11.3km s-min=5.5km az=115.5.

LDG 29 23:55:16.1, 1.2, 3902N, 1490E, h290km, MB3.8/28, Error ellipse: s-maj=50.5km s-min=15.5km az=13.0.

ISC 29 23:55:13.9, 0.3, 3852N, 003.1471E.004, h282km, 2km, n163, c1060/172, mb3.5/12, 28C-25D, Sicily

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SLNA, IFIL, LLI, VPL, MSRU, etc.

30d Oh

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations like La Plagne, Signal de Mont, etc.

2006 OCT

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations like CHKZ Chkalovo, ZAL Zalesovo, etc.

1002

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations like ROSF Rostrenen, QUIF Quistinic, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EPON Pontenova, EALK Alkuruntz, AVF Avril sur Loir, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HNR Honiara, PMG Port Moresby, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, ZAL Zalesovo, MTUM Tungsten Hills, etc.

ISCJB 30 00:45:59.9, 0.3, 951S, 0.06, 15940E, 0.05, h10km, mb4, 7/32, MS4, 0/8, Error ellipse: s-maj=9.1km s-min=6.5km az=121.5
IDC 30 00:45:59.4, 0.5, 950S, 15956E, h0km, mb4, 5/10, mb1 4.7/10, mb1mx4.6/13, mbtmp4.5/10, MS4, 0/8, Ms1 4.0/8, ms1mx3.7/21, Error ellipse: s-maj=21.8km s-min=9.7km az=165.0
MOS 30 00:46:03.0, 1.5, 958S, 15942E, h33km, mb4, 9/11, Error ellipse: s-maj=14.8km s-min=10.0km az=144.7
NEIC 30 00:46:05.4, 0.3, 943S, 15929E, h35km, mb4, 6/18, Error ellipse: s-maj=10.5km s-min=7.3km az=122.0
BUJ 30 00:46:05.4, 9.05S, 169.30E, h35km, mb5, 4, mb4, 8, Ms1 3.5/2, ms1mx2.9/20, Error ellipse: s-maj=18.9km s-min=9.1km az=45.0
ISC 30 00:46:00.9, 1.8, 947S, 0.06, 15935E, 0.07, h4km, 12km, n96, 0.993/87, mb4, 7/32, MS4, 0/8, 4C-5D, Bougainville - Solomon Islands region
Code Station Name Az Az' Phase ID Time Res

Table with columns: RSSD, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like Black Hills, South Promonto, Junction City, and Sheep Range.

ADC 30 02:46:37.1±0.7, 4435N:8134E, h0km, mb4.2/12, mb1 4.3/17, mb1mx4.2/26, mbtmp4.2/17, ML3.9/5, MS3.4/5, Ms1 3.4/5, ms1mx3.0/37, Error ellipse: s-maj=12.7km s-min=10.3km az=116.0

Xinjiang

Main table for Xinjiang stations. Columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like Makanchi Array, Almaty, Urumqi, etc.

Main table for 2006 OCT stations. Columns: CHKZ, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like Chkalovo, Zerenda, Gaotai, etc.

Main table for 1006 stations. Columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like Matushiro Arr, Colim, Colim, etc.

Table with columns: Code, Station Name, Az, El, Pmax, Time, Res. Includes stations like VIVF, BGF, BGFG, etc.

Table with columns: Code, Station Name, Az, El, Pmax, Time, Res. Includes stations like ASAR, LBTB, TSVB, etc.

Table with columns: Code, Station Name, Az, El, Pmax, Time, Res. Includes stations like NNA, NNA, CEN1, etc.

30d 4h

Table with columns for location, elevation, and wind speed. Includes entries like USIN University of, SIUC Southern Illin, BLO Bloomington, etc.

2006 OCT

Table with columns for location, elevation, and wind speed. Includes entries like VNA2 VNA2, VNA2 VNA2, MPU Maple Canyon, etc.

1008

Table with columns for location, elevation, and wind speed. Includes entries like NVAR Mina Array Bea, P08A Austin, Q08A Gabbs, etc.

30d 4h

Table of astronomical observations for 30 days, 4 hours. Columns include station name (e.g., BGF, AVF), location (e.g., Bois d'Agland, Avril sur Loir), magnitude (e.g., 89.83, 90.24), and other parameters like position angle and error.

2006 OCT

Table of astronomical observations for October 2006. Columns include station name (e.g., ZAL, WRA, EKSZ), location (e.g., Zalesovo, Warramunga Arr), magnitude (e.g., 136.79, 137.39), and other parameters like position angle and error.

1010

Table of astronomical observations for 1010. Columns include station name (e.g., JSH, JOSH, JYJM), location (e.g., Shimam, Okushiri-Mats), magnitude (e.g., 0.53, 0.59), and other parameters like position angle and error.

NIED 30 04:18:00.4270N, 139.20E, h250km, Mw4.2 Best double couple: M1.97000-1015, NP1.9322 00000, 882.00000, 1-66.00000, NP2.969.00000, 825.00000, -1.61.00000.
ISCJB 30 04:18:38.9, 0.3, 4267N, 005:13931E, 007, h216km, 3km, mb4.0/20, Hokkaido region, s-maj=8.9km s-min=6.8km az=90.1.
MOS 30 04:18:39.0, 1.2, 4276N, 139.25E, h219km, mb3.8/7, Error ellipse: s-maj=23.8km s-min=16.4km az=114.7.
JMA 30 04:18:39.0, 1.1, 4272N, 139.24E, h209km, 1km, M3.5.
NEIC 30 04:18:39.9, 4.2, 4272N, 139.25E, h208km, mb3.9/3, After JMA.
IDC 30 04:18:39.9, 1.1, 4273N, 139.24E, h208km, 10km, mb3.4/10, mb1.3/6.12, mb1mx3.4/25, mbtmp3.9/12, Error ellipse: s-maj=14.8km s-min=12.9km az=154.0.

30d 4h

2006 OCT

1012

Table with columns for station name, frequency, and signal strength. Includes stations like Lanzhou, Nuku Hiva Isla, Casey, Chul'man, Gaotai, Songino Array, Shillong, Seymchan, Lhasa, Yakutsk, Vanda, Scott Base, Zakamensk, Bodaibo, Talaya, Mirnyy, Bokaro, Vishakhapatnam, Bilbino, Gumbao, Pulchoki, Kakani, Palleke, Daman, Gorkha, Chennai, Kodiak Island, Tin City, and Koldanda.

Table with columns for station name, frequency, and signal strength. Includes stations like Sparrevohn, Urumqi, Hyderabad, Tiksi, Palmer, Sawmill, Indian Mountai, Agra, Mckinley, Kalpa, New Delhi, Sohna, Aya Nagar, College, Karad, South Pole Qui, Khetri, Poona, Zalesovo, Ajmer, Sitka, Mawson, Eagle, Skagway, Dawson, Kashi, Hopland, Whiskeytown Da, Hull Mountain, Yreka Blue Hor, Corvallis, San Andreas Ge, Dease Lake, Neilton Lookou, Columbia Colle, San Nicolas Is, Modoc, and Walker.

Table with columns for station name, frequency, and signal strength. Includes stations like Pah Rah Range, Isabella, Mount Wilson, Mina Array Base, Hanford, Wild Horse Val, Darwin (Calif), Borovoye Array, Tonopah, Pinoy Flat Ob, Battle Mountai, Syowa Base, Blue Mountains, Newpor, Missoula, Dugway, Yellowknife Ar, Edmonton Marysvale, Wupatki, Maple Canyon, Hardware Ranch, Bozeman (W), Tucson, Auburn Hatcher, Madison River, Lake, Eagleton, Boulder Array, Pinedale Array, Mahe Island, Arti, Mesa Verde, Albuquerque, Lajas Array, Lasa Array, Great Sand Dun, Cornudas Mount, Dagmar, Black Hills, Flin Flon, Amarillo, and Junction City.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like WMOK, ULUM, AGMN, KSIU, ARCES, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like TREC, HRV, WES, OTAV, KHC, GERE, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like HNR, PMG, PMG, CTA, KAKA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JWKE, JNBK, JKB, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NJ2, GYA, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Northern Molucca Sea

Northern Molucca Sea

Northern Molucca Sea

Table with columns: PPT, comp-Z, elevation, frequency, and other parameters. Includes stations like Papeete, Borck, ERZURUM, BEST, etc.

Table with columns: UZH, Uzhgorod, elevation, frequency, and other parameters. Includes stations like DRGR, LSZ, NB2, NOA, etc.

Table with columns: OVCH, comp-E, elevation, frequency, and other parameters. Includes stations like Ovale, Rinconada Maip, Santa Lucia, etc.

NEIC 30 07:57:43.8, 1693N, 100.18W, h11km, MD3.8(MEX), After MEX. MEX 30 07:57:43.9, 1695N, 100.17W, h12km, MD3.8, Near coast of Guerrero

Table with columns: Code, Station Name, elevation, frequency, and other parameters. Includes stations like CAIG, ACX, MEIG, etc.

SNY	comp=E,740nm,21.6s	LR	LR		
LZH	comp=Z,520nm,25.2s	39.76 330	↑P	P	
LZH	Lanzhou		AP	pP	08 35 11.0 -0.3
LZH			XP	sP	08 35 23.0 -3.8
LZH			PP	PP	08 35 29.0 -4.6
LZH			eS	SS	08 36 48.0 +4.4
LZH			XS	sS	08 41 11.3 +0.3
LZH			SS	sS	08 41 39.0 +2.2
LZH			SS	sS	08 44 03.0 -5.7
LZH	comp=Z,137nm,1.7s,mb5.4		AMB	AMB	
LZH	comp=Z,312nm,4.2s		LR	LR	
LZH	comp=E,4um,18.8s		LR	LR	
LZH	comp=Z,5um,19.9s		LR	LR	
LZH	Lanzhou	39.76 330	↑P	P	08 35 10.9 -0.4
LZH	comp=Z,137nm,1.7s,mb5.4		pP	pP	08 35 23.0 -3.6
LZH			sP	sP	08 35 29.0 -4.6
LZH			PP	PP	08 36 48.0 +4.4
LZH			eS	S	08 41 11.2 +0.2
LZH			sS	sS	08 41 39.0 +2.2
LZH			SS	SS	08 44 03.0 -5.7
LZH	comp=Z,5um,19.9s		LR	LR	
ARMA	Armidale	40.25 146	eP	P	08 35 16.0 +0.6
HHC	Hu-ho-hao-fe	40.75 342	eP	P	08 35 33.3 +0.3
HHC			PP	PP	08 37 01.0 +6.7
HHC			SS	SS	08 44 30.5 +2.2
HHC			AMB	AMB	
HHC	comp=Z,25nm,0.8s,mb4.9		AMB	AMB	
HHC	comp=Z,402nm,4.7s		LR	LR	
HHC	comp=N,1um,25.1s		LR	LR	
HHC	comp=E,807nm,24.3s		LR	LR	
HHC	comp=Z,3um,26.5s		LR	LR	
SHL	Shilong	40.81 308	iP	P	08 35 18.5 -1.5
SHL			jX	X	08 41 10.0
SHL			iX	S	08 45 20.0 +0.6
VLA	Vladivostok	40.85	6diP	P	08 35 20.2 -0.1
VLA			eSP	sP	08 35 34.2 -8.4
VLA			e	S	08 36 51.0
VLA	comp=Z,228nm,1.4s,mb5.6		MLR	MLR	
BTO	Baotou	41.02 340	eP	P	08 35 22.5 +0.7
CN2	Changchun	41.30 358	↑P	P	08 35 23.8 -0.2
CN2			PCP	PcP	08 37 22.0 +0.4
CN2			eS	AMB	08 41 38.8 +4.9
CN2	comp=Z,40nm,1.2s,mb4.9		LR	LR	
CN2	comp=N,600nm,20.0s		LR	LR	
CN2	comp=E,700nm,20.0s		LR	LR	
CN2	comp=Z,900nm,21.0s		LR	LR	
ERM	Ermo	42.12 18	PFAKE	LR	08 35 40.0 +9.3
MDJ	comp=Z,218nm,20.0s		LR	LR	
MDJ	Mudanjiang	42.16 3	P	P	08 35 31.8 +0.7
MDJ			AP	pP	08 35 45.0 +1.4
MDJ			XP	sP	08 35 52.0 -1.4
MDJ			PCP	PcP	08 37 25.5 +1.0
MDJ			SCP	S	08 41 11.3 +1.5
MDJ			PcS	S	08 41 17.3 +1.0
MDJ			S	AMB	08 41 54.0 +7.3
MDJ	comp=Z,132nm,1.5s,mb5.3		AMB	AMB	
MDJ	comp=Z,312nm,4.8s		LR	LR	
MDJ	comp=N,957nm,23.0s		LR	LR	
MDJ	comp=E,500nm,27.2s		LR	LR	
MDJ	comp=Z,1um,26.5s		LR	LR	
MDJ	Mudanjiang	42.16 3	eP	P	08 35 31.9 +0.8
MDJ	comp=Z,296nm,1.4s,mb5.7		ePcP	PcP	08 37 24.7 +0.2
CNB	Canberra Magne	42.98 153	eP	P	08 35 38.3 +0.6
TOO	Toolangi	43.31 158	eP	P	08 35 41.4 +1.0
LSA	Lhasa	43.46 312	P	P	08 35 42.0 +0.4
LSA	Lhasa	43.46 312	eP	P	08 35 42.3 +0.7
LSA	comp=Z,42nm,0.9s,mb5.2		eS	LR	08 42 07.0 +1.4
ASAJ	Asahikawa	43.87 16	P	P	08 35 45.4 +0.5
GTA	comp=Z,55nm,1.1s,mb5.2,baz=251,slow=8.1,SNR=8.4		GA	P	08 35 47.5 -1.2
GTA	Gaotai	44.35 330	eP	P	08 37 33.5 +1.7
GTA			PCP	S	08 42 20.8 +2.2
GTA	comp=Z,19nm,2.1s,mb4.5		AMB	AMB	
GTA	comp=Z,220nm,4.6s		AMB	AMB	
GTA	comp=N,1um,25.9s		LR	LR	
GTA	comp=E,2um,22.8s		LR	LR	
GTA	comp=Z,3um,28.9s		LR	LR	
BOK	Bokaro	44.98 302	eP	P	08 35 53.7 -0.1
GOK			eX	X	08 37 16.6
VIS	Vishakhapatnam	45.35 293	eP	P	08 35 56.4 +0.3
PALK	Pallekele	46.24 278	eP	P	08 36 02.5 -1.1
PALK	comp=Z,6.4nm,0.8s,mb4.6		ePcP	PcP	08 37 40.1 +1.7
JIRN	Jiri	46.29 307	eP	P	08 36 03.8 -0.3
YSS	Yuzh-Sakhalins	46.53 15	iP	P	08 36 06.0 0.0
YSS	comp=Z,110nm,1.3s,mb5.6		MLR	MLR	
YSS	comp=Z,1um,18.0s		MLR	MLR	
YSS	Yuzh-Sakhalins	46.53 15	eP	P	08 36 05.8 -0.0
YSS	comp=Z,63nm,1.0s,mb5.5		e	LR	08 36 38.4
GUN	Gumba	46.65 307	eP	P	08 36 06.2 -0.7
PKI	Pulchoki	46.88 306	eP	P	08 36 07.6 -1.1
KLR	Kul'dur	46.90 4j	eP	SS	08 36 05.9 -2.9
KLR			eS	SS	08 46 18.0 -4.5
KLR			pmax	pmax	
KKN	Kakan	47.08 307	eP	P	08 36 09.1 -1.1
DMN	Daman	47.14 306	eP	P	08 36 09.7 -1.0
HIA	Hailar	47.14 354	↑P	P	08 36 11.0 +0.3
HIA	Hailar	47.14 354	eP	P	08 36 11.0 +0.2
HIA	comp=E,145nm,1.5s,mb5.7		e	pP	08 36 28.5 +2.2
HIA			ePcP	PcP	08 37 43.0 +1.4
MDRS	Chennai	47.32 286	eP	P	08 36 10.7 -1.4
GKN	Gorkha	47.68 307	eP	P	08 36 13.8 -1.1
KOLN	Koldanda	48.43 306	eP	P	08 36 20.0 -0.7
ULN	Ulaanbaatar	48.47 342	P	P	08 36 21.2 +0.2
ULN	Ulaanbaatar	48.47 342	eP	P	08 36 21.1 +0.1
ULN	comp=Z,76nm,1.3s,mb5.6		ePcP	PcP	08 37 47.5 +1.2

ULN	comp=Z,543nm,22.0s	LR	LR		
SOMN	Songino Array	48.64 342	P	P	08 36 22.1 -0.3
SOMN	Zakamensk	48.64 342	P	P	09 00 43.5
TAU	Tasmania Unive	48.68 160	P	P	08 36 28.7 +6.1
TAU	Tasmania Unive	48.68 160	PFAKE	P	08 36 30.0 +7.4
ALBI	Allahabad	48.99 302	eP	P	08 36 22.0 -3.0
HYB	Hyderabad	49.72 291	iP	P	08 36 29.5 -1.0
HYB	Hyderabad	49.72 291	iP	P	08 36 29.5 -1.0
TRD	Trivandrum	50.02 279	eP	P	08 36 33.2 +0.3
CIT	Chita	50.74 349	eP	P	08 36 38.8 +0.5
ZAK	Zakamensk	51.87 341	eP	P	08 36 46.0 -0.7
BHPL	Bhopal	52.15 298	eP	P	08 36 47.4 -1.4
BHPL			Amb	AMB	08 36 51.2
BHPL	Talaya	52.88 342	eP	P	08 36 50.0
TLY	Talaya	52.88 342	P	P	08 36 54.9 +0.7
TLY	Talaya	52.88 342	iP	P	08 36 54.5 +0.3
TLY	Talaya	52.88 342	eS	S	08 44 13.3 -5.3
TLY	comp=Z,116nm,1.9s,mb5.5		MLR	MLR	
TLY	comp=Z,2um,25.0s		MLR	MLR	
TLY	Talaya	52.88 342	eP	P	08 36 54.5 +0.3
IRK	Irkutsk	53.18 343	iP	P	08 36 57.0 +0.6
FUNA	Funafuti	53.28 102	PFAKE	LR	08 37 10.0 +1.3
MOY	Moody	53.72 340	eP	P	08 37 01.0 +0.6
WMQ	Urumqi	53.93 326	P	P	08 37 01.5 -0.4
WMQ	WMQ		PCP	PcP	08 38 06.0 -0.6
WMQ	WMQ		PP	PP	08 39 05.0 +1.4
WMQ	WMQ		PPP	PP	08 40 15.0
WMQ	WMQ		PcS	PcS	08 42 04.0 -1.9
WMQ	WMQ		S	AMB	08 44 35.0 +2.1
WMQ	comp=Z,51nm,1.6s,mb5.2		AMB	AMB	
WMQ	comp=Z,349nm,3.9s		LR	LR	
WMQ	comp=N,3um,24.6s		LR	LR	
WMQ	comp=E,3um,26.9s		LR	LR	
NDI	New Delhi	53.99 304	eP	P	08 37 00.3 -2.0
NDI			Amb	AMB	08 37 01.5
NDI			Amb	AMB	08 37 02.9
POO	Poona	54.32 291	eP	P	08 37 02.0 -2.8
CLNS	Chul'man	54.35 359	eP	P	08 37 03.6 -1.4
CLNS	comp=Z,29nm,0.7s,mb5.3		pmax	pmax	
CLNS	comp=N,29nm,1.0s		pmax	pmax	
CLNS	comp=E,6.0nm,0.8s		pmax	pmax	
DGAR	Diego Garcia	55.15 259	PFAKE	LR	08 37 13.7 +3.0
DGAR	Diego Garcia	55.15 259	PFAKE	LR	08 37 20.0 +9.3
AJM	Bodaibo	55.48 301	eP	P	08 37 11.0 -2.1
BOD	Bodaibo	56.24 352	eP	P	08 37 18.0 -0.6
DLH	Dalhousie	56.35 308	eX	P	08 37 15.0 -4.4
THN	Thein Dam	56.51 308	eP	P	08 37 19.1 -1.4
PET	Petropavlovsk	56.95 22	eP	P	08 37 24.0 +0.4
PET			eS	SS	08 45 11.6 -1.5
PET			eSS	SS	08 48 59.8 -2.4
PET	comp=Z,78nm,1.5s,mb5.5		pmax	pmax	
PET	comp=Z,200nm,19.4s		MLR	MLR	
PET	comp=Z,500nm,21.0s		MLR	MLR	
PET	Petropavlovsk	56.95 22	PFAKE	LR	08 37 40.0 +1.6
MK31	Makanchi Array	58.76 326	P	P	08 37 35.5 -0.8
MK31	Makanchi Array	58.76 326	P	P	08 37 35.5 -0.7
MKAR	Makanchi Array	58.76 326	P	P	08 37 35.5 -0.8
MKAR	comp=Z,20nm,0.4s,mb5.5,baz=121,slow=7.7,SNR=128		PKPPKP	P	09 07 02.3
MKAR	comp=Z,0.6nm,0.9s,baz=323,slow=1.8,SNR=3.7		PKP2bc	P	09 07 19.8
MKAR	comp=Z,1.2nm,0.9s,baz=306,slow=2.9,SNR=5.2		iP	P	08 37 35.5 -0.8
MKAR	comp=Z,21nm,0.4s		pmax	pmax	
MKAR	Makanchi Array	58.76 326	P	P	08 37 35.5 -0.8
MKAR			P	P	09 07 02.3
MKAR			P	P	09 07 19.8
KSH	Kashi	59.12 316	eP	P	08 37 41.3 +2.6
KSH			ePP	PP	08 39 55.0 +5.2
KSH			eS	S	08 45 46.5 +5.1
KSH	comp=Z,784nm,4.0s		AMB	AMB	
KSH	comp=N,1um,4.3s		LR	LR	
KSH	comp=E,1um,4.9s		LR	LR	
KSH	comp=Z,3um,22.1s		LR	LR	
YAK	Yakutsk	59.58 2	eP	P	08 37 42.0 0.0
YAK	comp=Z,114nm,0.8s,mb5.0		LR	LR	
KRAR	Krasnoyarsk	60.07 339	eP	P	08 37 44.8 -0.5
KRAR	comp=Z,40nm,1.7s,mb5.2		MLR	MLR	
KRAR	comp=Z,1um,24.0s		MLR	MLR	
KRMZ	Tokmak 2	60.87 319	P	P	08 37 51.0 +0.2
UCH	Uchtor	61.28 318	P	P	08 37 54.2 +0.6
SNZO	South Karori	61.41 141	PFAKE	LR	08 38 10.0 +1.6
AAK	Ala-Archa	61.47 318	P	P	08 37 57.3 +2.5
AAK	Ala-Archa	61.47 318	P	P	08 37 54.5 -0.3
AAK	Ala-Archa	61.47 318	P	P	08 37 54.7 -0.1
AAK	Ala-Archa	61.47 318	eP	P	08 37 55.0 +0.2

MEX 30 08:37:31.7, 0.7, 1863N, 10208W, h66km, 15km, MD4.3, Michoacan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like ZIIG Zihuatanejo, MMIG Aquila, MOIG Morelia, etc.

IDC 30 08:37:59.1, 1.6, 249N, 12693E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.7/17, mbmtpp3.8/5, MS4.5/1, Ms1 4.5/1, ms1mx3.3/36, Error ellipse: s-maj=103.3km s-min=21.8km az=68.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, etc.

ATH 30 08:39:35.7, 3797N, 2016E, h5km, MD3.6/9, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like VLS Valsamata, RLS Riolos of Patr, EVR Erytria, etc.

IDC 30 08:53:54.3, 8.4, 220N, 12614E, h0km, mb4.1/3, mb1 4.3/3, mb1mx3.7/16, mbmtpp4.1/3, Error ellipse: s-maj=180.1km s-min=130.1km az=72.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, etc.

IDC 30 08:55:44.5, 1.1, 122N, 12365E, h0km, mb3.8/7, mb1 4.0/8, mb1mx3.8/21, mbmtpp3.9/8, ML4.4/1, Error ellipse: s-maj=61.8km s-min=16.4km az=66.0

MAN 30 08:55:45.9, 1267N, 12320E, h14km, mb3.5, ML4.7, MS2.5

ISJC 30 08:55:50.1, 1.5, 128N, 1234E, 0.1, h57km, 15km, mb3.8/7, Error ellipse: s-maj=24.5km s-min=16.2km az=113.2

ISC 30 08:55:51.2, 1.5, 129N, 1234E, 0.1, h47km, 17km, n9, s=029.9, mb3.7, LC, Luzon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like PVCP Virac, TGTY Tagaytay City, FITZ Fitzroy Crossi, etc.

IDC 30 08:58:40.0, 39.0, 1956S, 17950W, h650km, 364km, mb2.7/3, mb1 2.9/3, mb1mx2.6/13, mbmtpp3.8/3, Error ellipse: s-maj=366.4km s-min=176.5km az=110.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like CTA Charters Tower, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 30 09:27:10.5, 1.2, 3929N, 3976E, h0km, mb3.7/9, mb1 3.8/13, mb1mx3.7/23, mbmtpp3.7/13, ML3.6/3, MS3.6/2, Ms1 3.6/2, Error ellipse: s-maj=29.4km s-min=9.5km az=179.0

NEIC 30 09:27:10.4, 3962N, 3969E, h5km, mb4.3/2, ML3.9(ISK), After ISK

CSEM 30 09:27:11.0, 0.1, 3964N, 3970E, h2km, mb4.5/5, Error ellipse: s-maj=1.6km s-min=1.2km az=177.0

ISJC 30 09:27:11.9, 0.5, 3963N, 3968E, 0.02, h4km, 4km, mb4.0/13, MS3.9/1, Error ellipse: s-maj=3.2km s-min=0.6km az=144.0

ISK 30 09:27:11.1, 3963N, 3969E, h5km, MD3.9

MOS 30 09:27:12.0, 0.7, 3957N, 3969E, h12km, mb4.1/6, Error ellipse: s-maj=9.2km s-min=6.4km az=65.9

ISC 30 09:27:12.7, 0.5, 3962N, 3970E, 0.03, h2km, 4km, n118, s=130/143, mb4.0/13, MS3.9/1, 1C-2D, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like EZZ Erzincan, KELT Kelkit, PTK Pertek, etc.

IDC 30 09:27:12.0, 5.2, 20N, 130E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.7/17, mbmtpp3.8/5, MS4.5/1, Ms1 4.5/1, ms1mx3.3/36, Error ellipse: s-maj=103.3km s-min=21.8km az=68.0, Northern Molucca Sea

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

IDC 30 09:27:12.1, 1.9, 189S, 0.1, 1756W, 0.1, h187km, 22km, mb4.2/10, Error ellipse: s-maj=24.7km s-min=19.9km az=139.0

NEIC 30 09:27:21.0, 1.2, 1894S, 17565W, h168km, 12km, mb4.6/7, Error ellipse: s-maj=15.1km s-min=9.3km az=137.0

ISC 30 09:27:21.1, 1.9, 190S, 0.1, 1756W, 0.1, h168km, 22km, n26, s=071/22, mb4.3/10, 2D, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like AFI Afiamalu, AFI Afiamalu, DZM Mont Dzumac, etc.

IDC 30 09:27:21.0, 0.2, 1894S, 17565W, h168km, 12km, mb4.6/7, Error ellipse: s-maj=15.1km s-min=9.3km az=137.0

ISC 30 09:27:21.1, 1.9, 190S, 0.1, 1756W, 0.1, h168km, 22km, n26, s=071/22, mb4.3/10, 2D, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, etc.

IDC 30 09:27:21.0, 0.2, 1894S, 17565W, h168km, 12km, mb4.6/7, Error ellipse: s-maj=15.1km s-min=9.3km az=137.0

ISC 30 09:27:21.1, 1.9, 190S, 0.1, 1756W, 0.1, h168km, 22km, n26, s=071/22, mb4.3/10, 2D, Tonga Islands

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

IDC 30 09:27:21.0, 0.2, 1894S, 17565W, h168km, 12km, mb4.6/7, Error ellipse: s-maj=15.1km s-min=9.3km az=137.0

ISC 30 09:27:21.1, 1.9, 190S, 0.1, 1756W, 0.1, h168km, 22km, n26, s=071/22, mb4.3/10, 2D, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like RSP Reno Superiore, BNI Bardonecchia, MBDF Montbardon, etc.

PGF Pioggia 23.27 287 eP P 09 32 23.3 +1.4

FINES FINES Array B 23.41 343 P P 09 32 24.5 +1.4

FINES FINES Array B 23.41 343 P P 09 32 25.2 +2.1

MBDF Montbardon 24.83 293 eP P 09 32 36.7 +0.4

BVAR Borovoye Array 24.85 47 P P 09 32 35.9 -0.6

BVAR Borovoye Array 24.85 47 P P 09 32 35.9 -0.6

LPG La Plagne 24.86 294 eP P 09 32 38.8 +2.2

LPG La Plagne 24.86 294 eP P 09 32 38.8 +2.2

LPL La Plagne 24.87 295 eP P 09 32 39.0 +2.3

BNI Bardonecchia 24.90 293 eP P 09 32 36.8 -0.2

BNI Bardonecchia 24.90 293 eP P 09 32 36.8 -0.2

FRF La Foret Royal 24.94 290 eP P 09 32 38.1 +0.8

CHKZ Chkalovo 25.21 46 eP P 09 32 38.6 -1.2

CHKZ Chkalovo 25.21 46 eP P 09 32 38.6 -1.2

CHKZ Chkalovo 25.21 46 eP P 09 32 38.6 -1.2

CABF La Chapelle 25.38 297 eP P 09 32 39.5 -1.8

CABF La Chapelle 25.38 297 eP P 09 32 39.5 -1.8

SMRF Simiane la Rot 25.70 291 eP P 09 32 44.5 +0.3

HFS Hagfors 26.20 330 P P 09 32 49.4 +0.7

HFS Hagfors 26.20 330 P P 09 32 49.4 +0.7

SMF Signal de Mont 26.93 297 eP P 09 32 57.3 +2.0

IMK Makanchi Array 31.55 63 P P 09 33 35.1 -1.3

ESDC Sonseca Array 33.38 284 P P 09 33 51.0 -1.4

ZAL Zalesovo 33.43 49 P P 09 33 51.7 -1.1

ZAL Zalesovo 33.43 49 P P 09 33 52.0 -0.8

ZAL Zalesovo 33.43 49 P P 09 33 52.0 -0.8

ZAL Zalesovo 33.43 49 P P 09 33 52.0 -0.8

TORD Torodi Arr. Bea 42.57 242 P P 09 35 07.7 -2.3

SONM Songoing Array 47.53 57 P P 09 35 48.3 -1.2

SONM Songoing Array 47.53 57 P P 09 35 48.3 -1.2

ULN Ulanbaatar 47.95 57 eP P 09 35 52.8 +0.1

IDC 30 09:27:20.5, 2.0, 1874S, 17585W, h162km, 20km, mb3.8/6, mb1 4.0/7, mb1mx3.8/15, mbmtpp4.3/7, MS4.1/3, Ms1 4.1/3, ms1mx3.2/30, Error ellipse: s-maj=28.4km s-min=14.1km az=133.0

ISJC 30 09:27:20.1, 0.1, 1.9, 189S, 0.1, 1756W, 0.1, h187km, 22km, mb4.2/10, Error ellipse: s-maj=24.7km s-min=19.9km az=139.0

NEIC 30 09:27:21.0, 1.2, 1894S, 17565W, h168km, 12km, mb4.6/7, Error ellipse: s-maj=15.1km s-min=9.3km az=137.0

ISC 30 09:27:21.1, 1.9, 190S, 0.1, 1756W, 0.1, h168km, 22km, n26, s=071/22, mb4.3/10, 2D, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like AFI Afiamalu, AFI Afiamalu, DZM Mont Dzumac, etc.

IDC 30 09:27:21.0, 0.2, 1894S, 17565W, h168km, 12km, mb4.6/7, Error ellipse: s-maj=15.1km s-min=9.3km az=137.0

ISC 30 09:27:21.1, 1.9, 190S, 0.1, 1756W, 0.1, h168km, 22km, n26, s=071/22, mb4.3/10, 2D, Tonga Islands

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

IDC 30 09:44:23.8, 1.0, 4509N, 003:724E, 0.06, h10km, 7km, Error ellipse: s-maj=7.8km s-min=4.3km az=148.3

ROM 30 09:44:23.7, 0.2, 4508N, 729E, h8km, 1km, Md2.1/3, M11.6/2, Error ellipse: s-maj=4.5km s-min=1.6km az=42.0

LDG 30 09:44:24.5, 0.2, 4512N, 72E, h2.5km, Md2.0/3, Md2.0/3, Error ellipse: s-maj=3.5km s-min=1.5km az=94.0

ISC 30 09:44:24.0, 0.1, 1.1, 4511N, 003:728E, 0.07, h11km, 6km, n11, s=050/19, Northern Italy

30d 11h

Table with columns: Station, Name, Frequency, Power, Direction, and other parameters. Includes stations like DMN, GKN, KOLN, ULN, etc.

2006 OCT

Table with columns: Station, Name, Frequency, Power, Direction, and other parameters. Includes stations like UCH, AAK, AAK, USP, etc.

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Table with columns: Station, Name, Frequency, Power, Direction, and other parameters. Includes stations like SOC, SOC, PTK, KELT, etc.

30d 13h

Table with columns: ID, Name, Az, El, AzE, Res, AzE, Res, AzE, Res, AzE, Res. Rows include Yava, Big Chucky Mtn, PDMCO Parke, X13A Yucca, IRM Iron Mountain, BELC Belle Mtn, W15A Williams, MURC Murieta, WUAZ Wupatki, W14A Seligman, W13A Hualapai Mount, BBRC Big Bear Sol-O, W12A Cal Nev Ari, HEC Hector, Lrudlow, BFSC Mount Baldy St, V12A Nelson, WMOK Wichita Mountain, TUQ Turquoise Mtn, BLG Laguna Peak, GSC Goldstone, EDW2 Edwards Air Fo, MVCO Mesa Verde, U12A Valley of Fire, SHOC Shoshone, LRMC Laurel Mountai, SHPR Sheep Range, U10A Ash Meadows, A, SDCO Great Sand Dun, MPMC Manual Prospec, ISA Isabella, ISA Isabella, FURC Furnace Creek, PV01 Paradox Valley, ARUC Darwin (Calif), ARUT Antelope Range, PV10 Paradox Valley, VESV Vestal, Richgr, CWC Cottonwood Cre, MSU Marysvale, MSU Mitchell Peak, HELL Parkfield, PKD Parkfield, SRU San Rafael, S09A Goldfield, TMUT Trail Mountain, S08C White Mtn Res, MTUM Tungsten Hills, TGHU Tegucigalpa,Un, U04C Hernandez Rese, TP0H Tonopah, T06C Millerton Lake, R09A Tonopah, KCC Kaiser Creek, LRV Little Rabbit, MLAC Mammoth Lakes, Q12A Willow Creek R, Q11A Duckwater, HAST UC Hastings Re, R08A Mina, S05C Merced, MPU Maple Canyon, P12A McGill, R07C Lee Vining, Q09A Carvers, NVAR Mina Array Bea, NVAR Mina Array Bea, S06C San Francisco, DUG Dugway, DUG Dugway, P11A Circle Ranch, DAU Daniels Canyon, Q08A Gabbs, S04C Ingram Canyon, CMB Columbia Colle, CMB Columbia Colle, WAKR Walker, P10A Eureka, R06C Coleville, CTU Camp Tracy, P09A Austin, Q12A Currie, WENL Wentle Brothers, O11A Cowboy Ranch, R04C Big Horse Ranc, R05C Kirkwood Meado, TCUT Toone Canyon, BDM Black Diamond, N13A Wendover, West, O10A Cortez Mining, P07A Fallon, O09A Fish Creek Ran

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Table with columns: ID, Name, Az, El, AzE, Res, AzE, Res, AzE, Res, AzE, Res. Rows include LAVA Lava Cap Winer, N12A Clover Valley, WCN Waco, N11A Elko Archery C, HWUT Hardware Ranch, N10A Dunphy, Q04C Lincoln, M13A Montello, P05C Yuba Gap, Truc, O07A Toulon, M12A Wells, N09A Rock Creek Ran, M11A Holland Ranch, BEKR Beckwourth, OHCM Honcut, N08A GE Springer Mi, ORV Oroville, M10A L.L. Ranch, Tu, O05C Quincy, M09A Marrel Ranch, PDAR Pinedale Array, AHID Auburn Hatcher, PLAL Pickwick Lake, N06A Butte Meadows, O04C Chester, O03C Acorn Hollow, M07A Soldier Meadow, L09A Wilkinson Ranch, RR12 Red Ridge, SNOW Snow King Mount, M06C Likely Place G, HATC Hat Creek Radi, LOHW Long Hollow, DCD1 Drake Creek, L08A Fields, MOOW Moose Ponds, WDC Whiskeytown Da, L07A Adell, M05C Lookout, IMW Indian Meadow, K09A Rome, WVOR Wild Horse Val, HLID Halley, MOD Modoc, MOD Modoc, K08A Mann Creek Ran, L05A Lakeview, K07A Rock Creek Ran, M04C Macdoe, J09A Fry Pan Ranch, J08A Circle Bar Ran, K06A Valley Falls, K05A Sumner Lake, MCMT McKenzie Canyo, J07A Hines, I08A Drewsey, DLMT Dillon, J05A Fort Rock, BOZ Bozeman (W), K02A Glendale, F14A Wisdom, TKL Tuckaleechee C, H06A Lindquist Farm, E15A Deer Lodge, E14A Clinton, HRY Holter Researc, E13A Victor, F09A S2 Ranch, Elgi, F10A Beach Ranch, E, G06A Gannon Farm, H04A Detroit Lake, MSO Misoula, D15A Lincoln, D14A Greenough, G05A Wamic, D13A Huson, HOOD Mount Hood Mea, F06A Goldendale, G03A Yamhill, E07A Sunnyside, C12A Trout Creek, F04A Amboy, D08A Wollman Farm, D07A Quincy, B10A Chitwood Farm, C07A Waterville, D05A Enumclaw, B09A Rice

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Table with columns: ID, Name, Az, El, AzE, Res, AzE, Res, AzE, Res, AzE, Res. Rows include A11A Hall Mountain, A10A Northrop, B07A Winthrop, B05A Bryant, C03A Quailayute Air, SDV Santo Domingo, DLBC Dease Lake, YKA Yellowknife Ar, RAR Rarotonga, CPUP Villa Florida, HNR Haniara, NJ2 WMO Urumi, WMO Urumi, LZH Lanzhou, LZH, CD2 Chengdu, GYA Guiyang, GYA, ISCJB 30 11:59:44.6, 0.7, 1363N, 009.1445E, 0.3, h131km, 10km, mb3.8/8, Error ellipse: s-maj=42.9km s-min=14.8km az=1.1, IDC 30 11:59:45.4, 0.6, 1365N, 144.60E, h125km, 8km, mb3.5/8, mb1 3.8/8, mb1mx3.7/20, mbtmp3.9/8, Error ellipse: s-maj=36.6km s-min=14.1km az=90.0, NEIC 30 11:59:45.8, 0.7, 1365N, 144.59E, h130km, 7km, mb4.1/1, Error ellipse: s-maj=25.9km s-min=9.5km az=91.0, ISC 30 11:59:45.9, 0.7, 1366N, 009.1446E, 0.3, h128km, 9km, n16, 0533/11, mb3.8/8, 1D, Mariana Islands, Code Station Name, Az, AzE, Phase ID, Time Res, ISC h m s ISC. Rows include GUMO Guam, GUMO, MJAR Matsushiro Arr, WBR Warramunga Arr, WRA Warramunga Arr, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, AS31 Alice Springs, ASAR Alice Springs, ASPA Alice Springs, STKA Stephens Creek, SONM Songoing Array, MKAR Makanchi Array, MKAR Makanchi Array, NVAR Mina Array Bea, EMHD Dzhirgahand, TORD Torod, IDC 30 12:10:19.4, 1.2, 046N, 123.88E, h0km, mb4.0/5, mb1 4.2/6, mb1mx3.9/17, mbtmp4.0/6, ML4.0/1, Error ellipse: s-maj=60.7km s-min=18.6km az=76.0, NEIC 30 12:10:37.4, 2.3, 037N, 124.23E, h163km, 28km, mb4.0/2, Error ellipse: s-maj=35.7km s-min=10.9km az=65.0, ISCJB 30 12:10:39.5, 3.5, 03N, 01.1240E, 0.3, h207km, 43km, mb3.8/8, Error ellipse: s-maj=56.7km s-min=14.6km az=139.0, ISC 30 12:10:39.3, 4.0, 03N, 01.1241E, 0.4, h184km, 48km, n11, 0589/11, mb3.8/8, Minahassa Peninsula, Sulawesi, Code Station Name, Az, AzE, Phase ID, Time Res, ISC h m s ISC. Rows include KKM Kota Kinabalu, FITZ Fitzroy Crossi, WRA Warramunga Arr, WB2 Warramunga Arr, WB2 Warramunga Arr, AS31 Alice Springs, ASPA Alice Springs, ASAR Alice Springs, STKA Stephens Creek, MJAR Matsushiro Arr, MKAR Makanchi Array, ISCJB 30 12:28:10.7, 1.1, 2985N, 005.3618E, 0.08, h0km, Error ellipse: s-maj=7.0km s-min=7.3km az=20.7, CSEM 30 12:28:11.8, 0.2, 2981N, 36.11E, h2km, ML2.4, Error ellipse: s-maj=7.7km s-min=2.6km az=121.0, Mining explosion, GII Gili, HLW 30 12:28:21.5, 2980N, 35.51E, h20km, MB3.9, ISC 30 12:28:10.3, 1.1, 2984N, 005.3625E, 0.08, h0km, n21, 0552/12, Western Arabian Peninsula, Code Station Name, Az, AzE, Phase ID, Time Res, ISC h m s ISC. Rows include AQBJ Aqaba, EIL Elat, EIL Elat, MBH Mount Berech, ZFR1 Zfri, PRNI Paran, KMTI Karmit, HBST Basata, MZDA Masada, MZDA Masada, MASH Mash'abbe Sade, SVTA Shiva, YTR1 Yattir, RTMI Retamim, DSI Dead Sea, DRGI Dragot, KZIT Kziot, KZIT Kziot, HNKL Nakhl, HKAT Jabal Katrina, AMAG Maghara, SUZ, CNR 30 13:09:01.0, 3511N, 400W, h10km, MD2.5, MDD 30 13:09:01.2, 1.4, 3516N, 396W, h0km, 17km, mb2.8/3, Error ellipse: s-maj=11.4km s-min=5.9km az=94.0, PRXIMO, CSEM 30 13:08:59.0, 4.4, 3511N, 397W, h11km, 2km, MD2.5, Error ellipse: s-maj=11.2km s-min=5.6km az=51.0, Strait of Gibraltar, Code Station Name, Az, AzE, Phase ID, Time Res, ISC h m s ISC. Rows include MPAL Palesmas, TOU Touzarine, TOU Touzarine, TOU Touzarine

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EMEL Melilla, EMLI Mailla, ZAI Zaio, EALB Alboran, etc.

MDD 30 13:09:45.0-0.9, 3514N-389W, h11km, 9km, mb3.7/2, Error ellipse: s-maj=9.5km s-min=6.1km az=117.0, PRXIMO

CNRM 30 13:09:45.6, 3517N-387W, h10km, MD3.0, Error ellipse: s-maj=5.8km s-min=2.8km az=107.0, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MPAL Palemas, TOU Touzarine, EMIJ Mejias, EBER Berja, etc.

IDC 30 13:32:34.2-0.9, 3030S-71.30W, h44km, 5km, mb3.7/2, mb1.3/9.4, mb1mx3.6/15, mbtmp4.0/4, ML4.2/2, Error ellipse: s-maj=37.9km s-min=28.7km az=2.0, ISCJB 30 13:32:35.2-0.9, 3003S-006-71.3W, 0.1, h60km, 6km, mb4.0/4, Error ellipse: s-maj=18.5km s-min=7.1km az=42.7

NEIC 13:32:35.5, 3005S-71.32W, h41km, mb4.0/2, After GUC. NEIC Felt [V] at Coquimbo and La Serena. GUC 30 13:32:35.5-0.9, 3005S-71.32W, h41km, 4km, ML4.2, ISC 30 13:32:36.2-1.1, 3003S-006-71.3W, 0.1, h51km, 9km, n31, 0-88/34, mb4.0/4, 7CZ-4D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TLL Tololo Astrono, OVCH Ovalle, CMCH Combarbala, CHNG Los Chungos, PTCH Petorca, CLCH Cerro Calan, etc.

CSEM 30 13:58:54.2-0.8, 3869N-2852W, h13km, 4km, ML1.8, Error ellipse: s-maj=2.6km s-min=1.8km az=158.0, After PDA PDA 30 13:58:54.2-0.8, 3869N-2852W, h13km, 4km, MD2.9, ML1.8, Error ellipse: s-maj=2.6km s-min=1.8km az=158.0, SVSA 30 13:58:54.2-0.8, 3869N-2852W, h13km, 4km, MD2.9, ML1.8, Error ellipse: s-maj=2.6km s-min=1.8km az=158.0, Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PCED Cedros, CALA Caldeira, CALA Caldeira, etc.

IDC 30 14:36:25.7-0.8, 1556N-147.97E, h0km, mb4.4/13, mb1.4/5.15, mb1mx4.3/25, mbtmp4.5/15, ML4.2/2, MS3.6/6, Ms1.3/5.6, ms1mx3.2/25, Error ellipse: s-maj=31.2km s-min=14.2km az=86.0, ISCJB 30 14:36:28.3-3.7, 1555N-005-147.83E, 0.10, h29km, 26km, mb4.5/30, MS3.6/6, Error ellipse: s-maj=15.7km s-min=7.9km az=16.8

MOS 30 14:36:29.1-1.0, 1555N-147.95E, h33km, mb4.8/8, Error ellipse: s-maj=16.7km s-min=9.3km az=106.8, NEIC 30 14:36:31.0-0.5, 1555N-147.93E, h35km, mb4.5/7, Error ellipse: s-maj=17.2km s-min=7.9km az=94.0, BUJ 30 14:36:30.9, 1550N-147.90E, h35km, mb5.2, mb4.5, Ms4.4, Ms2.4

IDC 30 14:36:27.1-4.6, 1556N-005-147.9E, 0.1, h7km, 28km, m60, 1-97/60, mb4.5/30, MS3.6/5, 2C-20, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, CHICHI Chichi jima, KUNIGAMI Kunigami, etc.

IDC 30 14:36:27.1-4.6, 1556N-005-147.9E, 0.1, h7km, 28km, m60, 1-97/60, mb4.5/30, MS3.6/5, 2C-20, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAT Matsuhiro, HONIARA Honiara, ASAHIKAWA Asahikawa, etc.

IDC 30 14:38:55.8-0.4, 4302N-061W, h13km, 8km, Md2.0/2, MII, 7/1, Error ellipse: s-maj=15.7km s-min=1.9km az=7.0, STR 30 14:38:55.3-0.1, 4322N-137W, h2km, 1km, MII.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, MDD 30 14:38:56.2-0.3, 4308N-059W, h5km, 5km, Md2.1/2, Error ellipse: s-maj=3.0km s-min=1.4km az=16.0, PRXIMO, Pyrenees

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATE Arete, REYF Montagne du Re, ETSF Etsaut, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, BVAR Borovoye Array, ZRNK Zereda, etc.

IDC 30 14:37:06.1-7.7, 37.12N-71.57E, h77km, 70km, mb3.5/3, mb1.3/8.7, mb1mx3.4/23, mbtmp4.0/7, ML3.9/4, Error ellipse: s-maj=62.7km s-min=47.8km az=142.0, ISCJB 30 14:37:07.1-1.1, 37.20N-005-71.5E, 0.1, h108km, 15km, mb3.7/3, Error ellipse: s-maj=17.3km s-min=5.0km az=133.4

NEIC 30 14:37:11.5-3.8, 37.51N-71.44E, h111km, 30km, mb3.8/5, Error ellipse: s-maj=35.0km s-min=22.2km az=185.0, NNC 30 14:37:13.7-7.3, 37.68N-71.22E, h109km, 8km, mb3.1, mb2.3, Error ellipse: s-maj=59.0km s-min=39.6km az=2.0, ISC 30 14:37:08.9-0.3, 37.24N-004-71.6E, 0.1, h111km, 12km, n39, 0-129/44, mb3.7/3, 5C-4D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AML Almayashu, UCH Uchto, EK2S Erkin-Say, AAK Ala-Archa, etc.

IDC 30 14:36:27.1-4.6, 1556N-005-147.9E, 0.1, h7km, 28km, m60, 1-97/60, mb4.5/30, MS3.6/5, 2C-20, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like THN Thein Dam, KK31 Karatay Array, DLK1 Dalak, CHMS Chumysh, etc.

IDC 30 14:38:55.8-0.4, 4302N-061W, h13km, 8km, Md2.0/2, MII, 7/1, Error ellipse: s-maj=15.7km s-min=1.9km az=7.0, STR 30 14:38:55.3-0.1, 4322N-137W, h2km, 1km, MII.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, MDD 30 14:38:56.2-0.3, 4308N-059W, h5km, 5km, Md2.1/2, Error ellipse: s-maj=3.0km s-min=1.4km az=16.0, PRXIMO, Pyrenees

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATE Arete, REYF Montagne du Re, ETSF Etsaut, etc.

30d 17h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ORDF, LARF, SJPF, LABF, VIEF, OSSF, IPRE, EBIE, EPBF, EPPF, EALK, ELIZ, IUSE, SALF, ESAC, ECRI, MTLF, etc.

ISCJB 30 14:39:00.1±3.9, 220S:0.2±69.0W, 0.3, h75km, 29km, mb3.9/1, Error ellipse: s-maj=55.5km s-min=17.6km az=43.8

NEIC 30 14:39:05.2±1.0, 221.5S:68.76W, mb3.6/1, Error ellipse: s-maj=23.1km s-min=13.9km az=108.0

ISC 30 14:39:06.3±1.2, 222.8S:68.65W, h106km, 6km, mb3.8/1, mb1 3.3/4, mb1mx3.2/17, mbtmp3.6/4, Error ellipse: s-maj=39.4km s-min=22.8km az=120.0

ISC 30 14:39:02.5±3.3, 221S:02.690W, 0.3, h75km, 22km, n10, 0853/7, mb3.9/1, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CFAA, SIV, CRUP, TOAQ, TORO, ASAR, WRA, MKAR, SWAR, etc.

ISC 30 15:02:02.5±1.4, 437N:12635E, h0km, mb3.9/6, mb1 4.1/6, mb1mx3.8/18, mbtmp3.9/6, MS3.2/3, Ms1 3.2/3, ms1mx2.7/32, Error ellipse: s-maj=103.2km s-min=18.5km az=69.0, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FITZ, WRA, WB2, ASPA, ASAR, JHU, MJAR, STKA, SONM, MKAR, ZAL, etc.

ISC 30 15:25:35.2±1.0, 113S:12748E, h0km, mb3.5/2, mb1 3.6/3, mb1mx3.4/15, mbtmp3.4/3, ML3.5/1, Error ellipse: s-maj=159.3km s-min=25.6km az=66.0, Halmahera

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

ISC 30 15:52:53.1±2.1, 3527N:13696E, h0km, mb3.5/2, mb1 3.7/3, mb1mx3.3/23, mbtmp3.6/3, ML3.3/1, Error ellipse: s-maj=60.2km s-min=12.7km az=121.0

ISCJB 30 15:53:01.0±0.6, 3576N:0404:13927E, 0.09, h119km, 4km, mb3.7/2, Error ellipse: s-maj=12.1km s-min=6.5km az=138.8

JMA 30 15:53:02.8±0.1, 3573N:13934E, h105km, 1km, M3.2, ISC 30 15:53:02.3±0.6, 3576N:0404:13928E, 0.08, h112km, 4km, n16, 0861/27, mb3.7/2, Near-south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JHU, JRY, JOD2, JOD2, JYN, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JAG, JKT, JIM2, MJAR, MJAT, MAT, MAT, BSO1, GSOT1, JHU, etc.

HLW 30 16:08:44.8, 3738N:2866E, h31km, Mb3.6 CSEM 30 16:08:44.9±0.1, 3705N:2865E, h20km, MD3.4, Error ellipse: s-maj=1.9km s-min=1.4km az=68.0

ATH 30 16:08:44.8, 3719N:2866E, h7km, 6km, MD3.5/6 ISK 30 16:08:44.9, 3716N:2867E, h13km, MD3.4

ISCJB 30 16:08:46.2±0.4, 3705N:002:2867E, 0.03, h27km, 4km, Error ellipse: s-maj=4.6km s-min=3.9km az=129.5

ISC 30 16:08:45.7±0.5, 3713N:002:2866E, 0.03, h8km, 4km, n47, 0882/52, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DALT, DALT, DENIZI, MLBS, MLBS, GOLH, GOLH, GOLH, AYDN, AYDN, AYDN, DAT, DAT, BDRM, BDRM, ARG, ARG, BODT, BODT, AKAS, AKAS, KSL, KSL, NISRO, NISRO, MANT, MANT, SMG, SMG, AKAS, AKAS, TKTP, TKTP, ANTB, ANTB, IZM, IZM, KDOG, KDOG, KDOG, UURL, UURL, GRZ, GRZ, PRK, PRK, ESKH, ESKH, KONT, KONT, NPS, NPS, EZIN, EZIN, GEMT, GEMT, ADVT, ADVT, WLV, WLV, SGKT, SGKT, DABA, DABA, AMAG, AMAG, HOG, HOG, KHAT, KHAT, HSAF, HSAF, GLL, GLL, SWA2, SWA2, HNKL, HNKL, HNKL, HNKL, TRZ, TRZ, ASUT, ASUT, HHRG, HHRG, HHRG, HHRG, HDK1, HDK1

ISC 30 16:30:25.3±1.0, 1481S:16575E, h0km, mb4.2/4, mb1 4.3/5, mb1mx3.9/16, mbtmp4.1/5, ML3.5/1, Error ellipse: s-maj=106.9km s-min=33.9km az=58.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM, DZM, STKA, STKA, WRA, WRA, ASAR, ASAR, ASPA, ASPA, FITZ, FITZ, FITZ, FITZ

TIR 30 16:43:56.0, 4243N:1982E, h19km, M2.6

ISCJB 30 16:43:57.0±0.3, 4240N:002:1980E, 0.02, h10km, Error ellipse: s-maj=3.1km s-min=2.2km az=82.6

NEIC 30 16:43:57.8, 4240N:1979E, h3km, ML2.7(PDG), After PDG

PDG 30 16:43:57.8±0.2, 4240N:1979E, h3km, 1km SKO 30 16:43:59.5, 4246N:1978E, h5km

ISC 30 16:43:58.3±0.3, 4241N:002:1980E, 0.03, h10km, n19, 11059/37, 5C-5D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BCI, BCI, PVV, PVV, PUK, PUK, TTG, TTG, IVA, IVA, ULC, ULC, BUM, BUM, NIKS, NIKS, PPH, PPH, HCY, HCY, PLE, PLE, UPM, UPM

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like UPM, BRY, BRY, SKO, SKO, OHR, OHR, KRUS, KRUS, STON, STON, DIVS, DIVS, BIA, BIA

NIED 30 16:57:00, 2960N:141.90E, h80km, Mw4.1 Best double couple: M1, 43000x10^15 N1, 175,00000x10^14, 344,00000x10^14, 046,00000x10^15 N2, 59,00000x10^14, 649,00000x10^14, 112,441,17±1.7, 2941N:002:1409E, 0.3, h59km, 18km, mb3.9/4, Error ellipse: s-maj=40.6km s-min=7.6km az=140.6

ISC 30 16:57:13.6±1.5, 2944N:141.00E, h54km, 23km, mb3.7/4, mb1 3.8/7, mb1mx3.4/22, mbtmp3.9/7, ML3.6/3, MS3.0/3, Ms1 3.0/3, ms1mx2.6/36, Error ellipse: s-maj=81.8km s-min=7.6km az=72.0

ISC 30 16:57:14.1±0.9, 2943N:009:1410E, 0.03, h60km, 16km, n14, 0858/14, mb3.9/4, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CBJJ, CBJJ, JHU, JHU, MJAR, MJAR, JOW, JOW, ASAJ, ASAJ, JIRN, JIRN, GUN, GUN, KKN, KKN, GKN, GKN, WRA, WRA, KOLN, KOLN, ASAR, ASAR, ARCES, ARCES, FINES, FINES

ISCJB 30 17:04:06.6±2.1, 2964N:006:68.11E, 0.06, h8km, 15km, mb3.8/8, Error ellipse: s-maj=10.9km s-min=8.2km az=139.6

ISC 30 17:04:08.4±1.2, 2976N:68.03E, h0km, mb3.6/6, mb1 3.7/7, mb1mx3.6/25, mbtmp3.7/7, ML4.0/1, Ms1 3.7/1, ms1mx2.5/35, Error ellipse: s-maj=30.1km s-min=22.6km az=131.0

NEIC 30 17:04:11.7±0.9, 2982N:68.02E, h25km, mb4.0/3, Error ellipse: s-maj=22.4km s-min=11.4km az=125.0

BUI 30 17:04:22.0, 3056N:68.90E, h25km, mb4.1, Ms4.6

ISC 30 17:04:11.8±1.0, 2960N:006:68.10E, 0.07, h41km, 12km, n31, 1129/35, mb3.8/8, 1C-2D, Pakistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DRP, DRP, SDPT, SDPT, THW, THW, CEP, CEP, CHCP, CHCP, THN, THN, WSAR, WSAR, KSH, KSH, KSH, KSH, AML, AML, UCH, UCH, KOLN, KOLN, EKS2, EKS2, AAK, AAK, AAK, AAK, GKN, GKN, TKM2, TKM2, KKN, KKN, GUN, GUN, JIRN, JIRN, MK31, MK31, MKAR, MKAR, AKTK, AKTK, AKTO, AKTO, ZRKN, ZRKN, BVAR, BVAR, BRVK, BRVK, CHKZ, CHKZ, SONM, SONM, TORD, TORD, ASAR, ASAR, ASAR, ASAR

ISC 30 17:15:14.6±3.4, 1048N:9229E, h0km, mb4.0/5, mb1 4.2/5, mb1mx3.8/21, mbtmp4.0/5, MS3.0/2, Ms1 3.0/2, ms1mx2.6/39, Error ellipse: s-maj=133.6km s-min=21.1km az=131.6

ISCJB 30 17:15:17.2±2.9, 105N:03:9232E, 0.7, h33km, mb4.0/5, MS3.2/1, Error ellipse: s-maj=115.0km s-min=16.4km az=131.6

NEIC 30 17:15:19.5±2.2, 1055N:9234E, h30km, mb4.2/1, Error ellipse: s-maj=88.2km s-min=13.0km az=65.0

ISC 30 17:15:20.4±2.8, 106N:03:9230E, 0.7, h36km, n12, 0842/9, mb4.0/5, MS3.2/1, C, Andaman Islands region

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PSI Prapat, WSAR Wadi Sarin, MKAR Makanchi Array, etc.

CASC 30 17:20:33.2,2.4,1284N-8876W, h58km, 110km, MD3.6, ML3.5, 3C-3D, Off coast of Central America

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BLLM Bellamira, LCBS La Ceiba, LBRB Las Brisas, etc.

ISK 30 17:34:39.6, 3731N-2670E, h32km, MD3.6

ISCJB 30 17:34:39.4, 0.6, 3736N, 0.02, 2677E, 0.03, h12km, 6km, Error ellipse: s-maj=3.8km s-min=3.3km az=44.2

ISC 30 17:34:40.4, 0.5, 3737N, 0.02, 2679E, 0.03, h13km, 4km, n62, o5927.6, Dodecanese Islands

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SMG Samos, BODT Bodrum, KYBAS Kabayasi, etc.

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

KRSC 30 17:47:32, 5355N-15965E, h103km, ML3.5, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NLC Nalychtvo, SPN Mys Shipunski, AVH Avacha, etc.

NEIC 30 18:27:56.8, 1.5, 2.16S-9884E, h30km, Error ellipse: s-maj=61.4km s-min=13.9km az=63.0

ISCJB 30 18:28:02.3, 5.7, 1.6S, 0.5:995E, 0.7, h76km, 34km, mb3.9/6, Error ellipse: s-maj=145.6km s-min=18.0km az=115.2

ISC 30 18:28:04.3, 2.16S, 0.5:996E, 0.7, h72km, 30km, n11, o4949/10, mb3.9/6, Southern Sumatera

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PSI Prapat, WRA Warrungarra Arr, ASAR Alice Springs, etc.

IDC 30 18:30:26.9, 6.7, 313N-12709E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.5/18, mbtmp3.6/4, Error ellipse: s-maj=117.6km s-min=94.5km az=117.0, Talud Islands

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

CSEM 30 18:34:35.5, 6784N-2020E, h0km, ML3.2, Suspected Mining explosion. After UPP

UPP 30 18:34:35.5, 6784N-2020E, h0km, ML3.2, Suspected Mining explosion.

HEL 30 18:34:36.2, 0.2, 6786N-2015E, h0km, ML1.5, ML3.2, (UPP), Suspected explosion, Sweden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUA Kuravaara, NIKU Nikkaluokta, LANU Lannavaa, etc.

IDC 30 18:35:01.4, 3.8, 707S-14605E, h163km, 51km, mb2.8/3, mb1 2.8/5, mb1mx2.8/13, mbtmp3.2/5, Error ellipse: s-maj=63.4km s-min=30.8km az=125.0, Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMG Port Moresby, WRA Warrungarra Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, TORD Tord's Ar, ISCJB 30 18:37:02.5, etc.

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MRGE Morge, EMV Vieux Emossou, RSL Roselend, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Fuerteventura, Orosio, Canadas, Chio, EGOM.

NIED 30 22:38:00.3220N:140.90E, h47km, Mw3.8 Best double couple: M0.03000:1014 NP1.0148.00000: 853.00000: lambda114.00000: NP2.0291.00000: delta4.00000: lambda62.00000:
ISCBJ 30 22:38:26.9:0.8, 3194N:0.05x141.0E:0.1, h55km, 1.0km, mb3.7/5, Error ellipse: s-maj=17.5km s-min=6.5km az=144.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Mitsune, Hachijo jima 2, Kozu shima, Boso 1, Boso 2, Nijima 2, Boso 3, Oshima 3, Odawara 2, Shimob, Jarray, Ryogami san, Ashikaga, Chichi jima, Matushiro Arr, Matsushiro, Miyama, Makanchi Array, Warrungarra Arr, ASAR, FINES, TXAR.

IDC 30 22:54:26.4:1.0, 3441N:80.60E, h0km, mb3.8/4, mb1 3.8/6, mb1mx3.5/21, mbtmp3.7/6, ML3.5/2, Error ellipse: s-maj=41.7km s-min=21.6km az=52.0
ISCBJ 30 22:54:29.4:0.8, 3456N:0.08x80.5E:0.2, h33km, mb4.0/7, Error ellipse: s-maj=19.2km s-min=11.9km az=158.4
MOS 30 22:54:29.4:0.8, 3455N:80.40E, h33km, mb3.9/3, Error ellipse: s-maj=35.3km s-min=10.6km az=103.6
NEIC 30 22:54:31.5:0.6, 3448N:80.49E, h35km, mb3.6/5, Error ellipse: s-maj=14.6km s-min=9.0km az=80.0
ISC 30 22:54:31.6:0.8, 3454N:0.08x80.5E:0.2, h35km, n21, o84/21, mb4.0/7, Xizang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Ala-Archa, Makanchi Array, Borovoye Array, ZRNK, ZRNK, CHKZ, KIV, KISLOVODSK, KEKIN ARR, JOF, FINES, TORDI, WARRUNGARRA ARR, ASAR, LBTB, LBTB.

IDC 30 22:58:07.8:0.3, 1059N:92.61E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.2/20, mbtmp3.3/5, Error ellipse: s-maj=437.8km s-min=30.0km az=60.0, Andaman Islands region
Code Station Name Az AzZ Phase ID Time Res
PBA Port Blair 1.06 7 Op ISC h m s ISC
PBA ex x 22 58 24.0
PBA ex x 22 58 41.3
PBA ex x 22 58 43.8
PBA comp=N,264nm,0.3s ex x 22 58 44.0
PBA comp=E,259nm,0.4s ex x 22 58 44.0
MKAR Makanchi Array 37.13 348 P P 23 05 20.1 0.0
WRA Warrungarra Arr 50.07 126 P P 23 07 12.4 +0.5
ASAR Alice Springs 52.82 131 P P 23 07 25.2 +0.3

Error ellipse: s-maj=22.4km s-min=9.3km az=114.9
IDC 30 23:03:25.6:1.4, 499N:125.50E, h0km, mb4.1/6, mb1 4.2/6, mb1mx3.8/18, mbtmp4.1/6, Error ellipse: s-maj=104.5km s-min=19.2km az=68.0
NEIC 30 23:03:27.4:0.5, 497N:125.44E, h10km, mb4.1/3, Error ellipse: s-maj=16.9km s-min=7.2km az=58.0
ISC 30 23:03:26.7:1.1, 50N:0.02x125.5E:0.2, h4km, 70km, n17, o81/17, mb4.0/7, Talaud Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Kota Kinabalu, Kakadu, Fitzroy Crossi, Port Moresby, Warrungarra Arr, Warrungarra Arr, Marble Bar, Alice Springs, Alice Springs, Alice Springs, STKA, Makanchi Array, Makanchi Array, Borovoye, Chkalovo, FINES, FINES Array B.

NEIC 30 23:04:20.1, 1703N:100.28W, h8km, MD3.6(MEX), After GUC
MEX 30 23:04:20.6:0.9, 1705N:100.24W, h5km, 32km, MD3.6, Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like El Cayaco, Acapulco, Mezcala, Platanillo, Platanillo, Huanajuap, Organos, Matias Romero.

NEIC 30 23:33:15.4, 3234S:71.46W, h47km, MD3.6(GUC), After GUC
GUC 30 23:33:15.4:0.9, 3234S:71.46W, h47km, 3km, MD3.6, ML2.4, 3D, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Papudo, Petorca, Los Chungos, Peldehue, Peldehue, Rinconada Maip, Farellones, Chkalovo, Kyrgyzstan.

ISC 30 23:36:38.3:2.6, 402N:0.2x72.6E:0.1, h10km, Error ellipse: s-maj=25.5km s-min=10.6km az=28.9
NNC 30 23:36:41.9:4.5, 4045N:72.66E, h0km, mb3.9, mpv3.6, Error ellipse: s-maj=38.3km s-min=14.7km az=80.0
ISC 30 23:36:38.7:2.5, 401N:0.02x72.6E:0.1, h10km, n17, o1825/16, SC-3D, Kyrgyzstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Almayashu, Uchito, Erkin-Say, Kyzart, Ala-Archa, Karagaybulak, Chumysh, Karatay Array, Uchito, Osenovka, Ulhal, Tokmak 2, Tokmak 2, Tokmak 2, Almaty, Makanchi Array, Vostochnaya, Zerkh, Chkalovo.

IDC 30 23:37:48.7:2.5, 1072S:164.27E, h0km, mb3.6/4, mb1 3.9/5, mb1mx3.7/16, mbtmp3.7/5, ML3.9/1, Error ellipse: s-maj=54.5km s-min=34.7km az=96.0, Santa Cruz Islands region
Code Station Name Az AzZ Phase ID Time Res
DZM Mont Dzacum 11.48 170 P P 23 40 34.0 +0.1
WRA Warrungarra Arr 31.24 249 P P 23 44 01.4 +0.3
ASAR Alice Springs 31.65 242 P P 23 44 13.9 +0.2
FITZ Fitzroy Crossi 38.06 254 P P 23 45 09.4 +0.5
SONM Songoing Array 77.55 324 P P 23 49 46.7 +0.3

ISCJB 30 23:44:07.2:1.9, 838S:0.09x119.5E:0.1, h192km, 21km, mb3.5/3, Error ellipse: s-maj=19.8km s-min=10.3km az=103.3
NEIC 30 23:44:08.1:2.3, 833S:119.50E, h183km, 27km, mb4.1/3, Error ellipse: s-maj=20.0km s-min=12.0km az=209.0
IDC 30 23:44:10.2:2.8, 848S:119.43E, h208km, 31km, mb2.9/3, mb1 3.0/5, mb1mx2.9/17, mbtmp3.5/5, Error ellipse: s-maj=85.4km s-min=11.2km az=52.0
ISC 30 23:44:09.1:1.7, 845S:0.1x119.5E:0.1, h195km, 18km, n13, o95/19, mb3.5/3, Flores region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Fitzroy Crossi, Marble Bar, Alice Springs, WRA, MBWA, KAKA, WRA, WRA, ASAR, ASAR, KULM, LSA, SONM, MKAR, BRVK, CHKZ.

CSEM 31 00:18:28.4:0.1, 6786N:202.5E, h1km, ML3.1, Error ellipse: s-maj=4.8km s-min=4.1km az=28.0, Mining explosion
UPP 31 00:18:29.5, 6783N:202.0E, h1km, ML3.1, Mining explosion
HEL 31 00:18:30.0:0.1, 6783N:202.1E, h0km, ML1.9, ML3.1(UPP), Explosion, Sweden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Kuravaara, Nikkaluokta, Lannavaara, Dundret, Masunsgnsbyn, Salu, Kalliojarvi, Pajala, Ertu, Harads, Salsmark, Sodankyl, Liikasaavaara, Liikasaavaara, Maaselka.

NEIC 30 00:28:27.9:0.8, 118S:78.13W, h205km, 9km, mb3.7/2, Error ellipse: s-maj=19.7km s-min=10.9km az=80.0
ISCBJ 30 00:28:28.5:1.0, 115S:0.06x78.0W:0.2, h219km, 15km, mb3.3/2, Error ellipse: s-maj=31.3km s-min=10.0km az=178.9
IDC 30 00:28:28.5:5.7, 121S:78.14W, h212km, 48km, mb3.0/2, mb1 3.0/4, mb1mx2.9/18, mbtmp3.6/4, Error ellipse: s-maj=50.3km s-min=33.0km az=173.0
ISC 31 00:28:29.3:1.0, 113S:0.07x78.1W:0.2, h208km, 14km, n13, o91/15, mb3.3/2, Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Otavalo, Atahualla, Nana, Santo Domingo, Samuel, La Paz, San Ignacio, Tepich, Tord Tori, Warrungarra Arr, Fitzroy Crossi.

CASC 31 00:29:23.2:3.4, 904N:85.05W, h19km, gkm, MD3.6, 3C-3D, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Cobano, Jicaral, Esparza, Cerro Gallo 2, Puriscal, Vista de Mar, Bijaual, La Lucha 2, Volcan Irazu 2, Volcan Turrial, Limonal, Cotoan.

IDC 31 00:34:37.7:8.6, 3382S:179.72W, h190km, 89km, mb3.3/2, mb1 3.5/3, mb1mx3.2/12, mbtmp3.8/3, MS3.7/1, Ms1 3.7/1, ms1mx2.8/15, Error ellipse: s-maj=99.8km s-min=51.9km az=176.0
NEIC 31 00:34:37.2:2.4, 3384S:179.74W, h190km, 19km, mb3.9/3, Error ellipse: s-maj=27.8km s-min=19.6km az=217.0
ISCBJ 31 00:34:38.7:1.1, 3396S:0.09x179.9W:0.2, h126km, 11km, mb3.6/5, Error ellipse: s-maj=22.3km s-min=11.2km az=55.7
ISC 31 00:34:40.4:1.3, 3406S:0.10x179.9W:0.2, h216km, 12km, n42, o128/51, mb3.6/5, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like MZK Matakaoa Point, URZ Urewera, and various other locations.

ADC 31 01:00:01.1,3,5,30225-13856E h0km,mb1 2.8/3, mb1mx2.8/11, mb1mp3.6/6, MS3.1/2, MS1 3.1/2, ms1mx2.6/24, Error ellipse: s-maj=104.3km s-min=21.0km az=46.0, South Australia

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, ASAR Alice Springs, and WRA Warramunga Arr.

SSNC 31 01:33:53.5, 1966N-7391W, h0km, MD3.0, ML3.8, Haiti regio

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like MASC Masc, MOAC Moa, and HLGC Holguin.

ADC 31 01:38:24.2, 1.2, 404N-12653E, h0km, mb3.6/6, mb1 3.7/6, mb1mx3.6/17, mb1mp3.6/6, MS3.1/2, MS1 3.1/2, ms1mx2.6/24, Error ellipse: s-maj=91.6km s-min=17.7km az=7

ISCBJ 31 01:38:27.0, 4.0N-01.1264E.01, h33km, mb3.8/9, MS3.1/2, Error ellipse: s-maj=24.5km s-min=10.2km az=111.5

NEIC 31 01:38:29.0, 4.0, 398N-1264E, h35km, mb4.1/3, Error ellipse: s-maj=18.7km s-min=7.9km az=56.0

ISCBJ 31 01:38:29.7, 0.7, 40N-01.1265E.01, h35km, n14, d06/11/3, mb3.8/9, MS3.1/2, Talaud Islands

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like KKM Kota Kinabalu, FITZ Fitzroy Crossi, and WRA Warramunga Arr.

CASC 31 02:24:19.6, 2.5, 907N-8497W, h27km, 7km, MD3.6, 1C-3D, Costa Rica

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like CAO Cobano, JCR Jicaral, and LAJ Bijagua.

Table with columns: LCR2 La Lucha 2, LCR Vista de Mar, IR22 Volcan Irazu 2, LIM1 Limonal, CTCR Cotoan. Includes time and resonance data.

ADC 31 02:28:19.9, 22.0, 2349S-17942E, h650km, 279km, mb3.3/4, mb1 3.6/4, mb1mx3.1/12, mbtmb4.4/4, Error ellipse: s-maj=234.9km s-min=69.9km az=147.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like CTA Charters Tower, ASAR Alice Springs, and WRA Warramunga Arr.

ADC 31 02:30:02.0, 0.9, 33.0, 896N-8397W, h0km, mb3.5/3, mb1 4.0/3, mb1mx3.6/16, mbtmb3.5/3, Error ellipse: s-maj=584.3km s-min=244.5km az=155.0

ISCBJ 31 02:30:07.6, 1.8, 9.11N-007.8497W, 0.05, h6km, 12km, mb3.2/3, Error ellipse: s-maj=12.6km s-min=8.4km az=13.1

CASC 31 02:30:08.1, 1.4, 903N-8501W, h28km, 5km, MD3.8

ISCBJ 31 02:30:08.9, 1.8, 915N-009.8491W, 0.06, h10km, 8km, n17, r114/20, mb3.2/3, 4C-4D, Costa Rica

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like CAO Cobano, JCR Jicaral, and LAJ Bijagua.

ISCBJ 31 02:44:44.3, 4.2, 285E-02, 1294E, 0.4, h6km, 26km, mb3.8/3, Error ellipse: s-maj=62.0km s-min=20.2km az=145.3

NEIC 31 02:44:51.0, 1.1, 293S-12928E, h35km, mb3.8/1, Error ellipse: s-maj=39.4km s-min=13.9km az=72.0

ADC 31 02:44:53.2, 4.9, 0.7S-12905E, h5km, 44km, mb3.6/3, mb1 3.9/5, mb1mx3.6/16, mbtmb3.9/5, ML3.6/2, Error ellipse: s-maj=95.5km s-min=15.7km az=72.0

ISCBJ 31 02:44:52.2, 3.5, 30S-02, 1293E, 0.4, h45km, 33km, n9, r032/10, mb3.8/3, Seram

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, and ASAR Alice Springs.

ROM 31 03:08:06.5, 0.1, 4672N-987E, h9km, 2km, Md2.8/11, M2.4/5, Error ellipse: s-maj=3.3km s-min=1.2km az=51.0

ISCBJ 31 03:08:06.1, 0.2, 4677N-001.986E, 0.02, h8km, 2km, Error ellipse: s-maj=2.4km s-min=1.7km az=138.9

CSEM 31 03:08:07.2, 0.1, 4673N-995E, h2km, ML2.9/26, Error ellipse: s-maj=1.1km s-min=0.8km az=173.0

ZUR 31 03:08:07.2, 4674N-987E, h5km, 1km, ML2.8/21, NEIC 31 03:08:07.2, 4674N-987E, h5km, ML2.4/8(M), ML2.8(LDG), ML2.7(STR), ML2.8(ZUR), After ZUR.

PRU 31 03:08:08.0, 4678N-1000E, h2km LDG 31 03:08:10.6, 0.2, 4685N-976E, h10km, M2.8/25, Error ellipse: s-maj=3.9km s-min=2.2km az=82.0

STR 31 03:08:10.5, 0.2, 4684N-979E, h5km, 1km, M2.6, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISCBJ 31 03:08:07.1, 0.2, 4679N-001.985E, 0.01, h5km, 2km, n124, r117/242, 23C-9D, Switzerland

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like DAVOX Davos/Dischmat, FITZ Fitzroy Crossi, and WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like MDI Monti di Nese, MOTA Moosalm, and SQTa Sankt Quirin.

ISCBJ 31 03:08:06.5, 0.1, 4672N-987E, h9km, 2km, Md2.8/11, M2.4/5, Error ellipse: s-maj=3.3km s-min=1.2km az=51.0

ISCBJ 31 03:08:06.1, 0.2, 4677N-001.986E, 0.02, h8km, 2km, Error ellipse: s-maj=2.4km s-min=1.7km az=138.9

CSEM 31 03:08:07.2, 0.1, 4673N-995E, h2km, ML2.9/26, Error ellipse: s-maj=1.1km s-min=0.8km az=173.0

ZUR 31 03:08:07.2, 4674N-987E, h5km, 1km, ML2.8/21, NEIC 31 03:08:07.2, 4674N-987E, h5km, ML2.4/8(M), ML2.8(LDG), ML2.7(STR), ML2.8(ZUR), After ZUR.

PRU 31 03:08:08.0, 4678N-1000E, h2km LDG 31 03:08:10.6, 0.2, 4685N-976E, h10km, M2.8/25, Error ellipse: s-maj=3.9km s-min=2.2km az=82.0

STR 31 03:08:10.5, 0.2, 4684N-979E, h5km, 1km, M2.6, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISCBJ 31 03:08:07.1, 0.2, 4679N-001.985E, 0.01, h5km, 2km, n124, r117/242, 23C-9D, Switzerland

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like BFO Black Forest, MOF Molkenrain, and WRA Warramunga Arr.

MBDF	Montbardon	2.98 227	ePn	Pn	03 08 56.0 +1.0
MBDF	SNR=1.0		eSn	Sn	03 09 30.5 -0.7
MBDF	10nm,0.5s		eSg	Sg	03 09 42.7 -0.2
MBDF	Montbardon	2.98 227	ePn	Pn	03 08 56.0 +1.0
MBDF	SNR=1.0		eSn	Sn	03 09 30.5 -0.7
MBDF	SNR=1.0		eSg	Sg	03 09 42.7 -0.2
MOA	Molin	3.19 69	ifPn	Pn	03 08 59.6 +1.8
MOA	Molin	3.19 69	ifPn	Pn	03 09 07.6 -0.5
MOA	Molin	3.19 69	ifSn	Sn	03 09 35.5 -0.7
MOA	Molin	3.19 69	ifSg	Sg	03 09 51.3 +1.9
MOA	comp=E,4.8nm,0.3s				
MOA	Molin	3.19 69	ifPn	Pn	03 08 59.6 +1.8
MOA	Molin	3.19 69	ifPn	Pn	03 09 07.6 -0.5
MOA	Molin	3.19 69	ifSn	Sn	03 09 35.5 -0.7
MOA	Molin	3.19 69	ifSg	Sg	03 09 51.3 +1.9
GE2C	GERESS Array S	3.31 50	ePn	Pn	03 09 00.5 +0.9
GE2C	GERESS Array S	3.31 50	eSn	Sn	03 09 39.9 +0.5
GE2C	GERESS Array S	3.31 50	eSg	Sg	03 09 49.9 +0.9
GE2C	GERESS Array S	3.31 50	ePn	Pn	03 09 39.9 +0.6
ORIF	Oris-en-Rattie	3.53 238	ePn	Pn	03 09 04.0 +4.0
ORIF	Oris-en-Rattie	3.53 238	eSn	Sn	03 09 39.1 -1.0
ORIF	Oris-en-Rattie	3.53 238	eSg	Sg	03 09 54.9 +0.4
ORIF	Oris-en-Rattie	3.53 238	ePn	Pn	03 09 00.7 +0.7
ORIF	Oris-en-Rattie	3.53 238	eSn	Sn	03 09 39.1 -1.0
ORIF	Oris-en-Rattie	3.53 238	eSg	Sg	03 09 04.0 +4.0
ORIF	Oris-en-Rattie	3.53 238	ePn	Pn	03 09 39.1 -1.0
ORIF	Oris-en-Rattie	3.53 238	eSg	Sg	03 09 54.9 +0.4
SBF	Sospel	3.38 211	ePn	Pn	03 09 05.3 +4.8
SBF	SNR=1.0		eSn	Sn	03 09 40.4 -0.7
SBF	22nm,0.6s,SNR=1.0				
SBF	Sospel	3.38 211	ePn	Pn	03 09 02.1 +1.6
SBF	Sospel	3.38 211	eSn	Sn	03 09 05.3
SBF	Sospel	3.38 211	ePn	Pn	03 09 40.4 -0.7
SBF	Sospel	3.38 211	eSn	Sn	03 09 05.3 +4.8
SBF	Sospel	3.38 211	eSg	Sg	03 09 40.4 -0.7
KHC	Kasperske Hory	3.43 45	ePn	Pn	03 09 01.6 +0.4
KHC	Kasperske Hory	3.43 45	ePn	Pn	03 09 09.6 -3.2
KHC	Kasperske Hory	3.43 45	eSn	Sn	03 09 42.9 +0.7
KHC	Kasperske Hory	3.43 45	eSg	Sg	03 09 54.7 -2.6
RFYF	Reffroy	3.48 304	ePn	Pn	03 09 01.9 0.0
RFYF	baz=121		eSg	Sg	03 09 57.5 -1.5
RFYF	Reffroy	3.48 304	ePn	Pn	03 09 01.9 0.0
RFYF	Reffroy	3.48 304	eSg	Sg	03 09 57.5 -1.5
SFTF	Sextfontaines	3.56 295	ePn	Pn	03 09 02.9 -0.1
SFTF	Sextfontaines	3.56 295	ePn	Pn	03 09 15.0 -0.3
SFTF	Sextfontaines	3.56 295	eSg	Sg	03 09 59.8 -1.6
SFTF	Sextfontaines	3.56 295	ePn	Pn	03 09 02.9 -0.1
SFTF	Sextfontaines	3.56 295	ePn	Pn	03 09 15.0 -0.3
SFTF	Sextfontaines	3.56 295	eSg	Sg	03 09 59.8 -1.6
MEZF	Maizieres J'vi	3.67 300	ePn	Pn	03 09 04.3 -0.2
MEZF	Maizieres J'vi	3.67 300	ePn	Pn	03 09 03.5 -1.5
MEZF	Maizieres J'vi	3.67 300	ePn	Pn	03 09 04.3 -0.2
MEZF	Maizieres J'vi	3.67 300	eSg	Sg	03 09 03.5 -1.5
FRF	La Foret Royal	3.94 216	ePn	Pn	03 09 09.4 +1.2
FRF	SNR=1.0		eSn	Sn	03 09 53.5 -1.4
FRF	La Foret Royal	3.94 216	ePn	Pn	03 09 09.4 +1.2
FRF	La Foret Royal	3.94 216	eSn	Sn	03 09 53.5 -1.4
MOX	Moza	4.03 16	ePn	Pn	03 09 55.6 -1.5
VIVF	Saint-Julien-I	4.10 244	ePn	Pn	03 09 12.0 +1.6
VIVF	Saint-Julien-I	4.10 244	eSn	Sn	03 09 55.5 -3.3
VIVF	Saint-Julien-I	4.10 244	eSg	Sg	03 10 17.8 -1.1
VIVF	Saint-Julien-I	4.10 244	ePn	Pn	03 09 12.0 +1.6
VIVF	Saint-Julien-I	4.10 244	eSn	Sn	03 09 55.5 -3.3
VIVF	Saint-Julien-I	4.10 244	eSg	Sg	03 10 17.8 -1.1
SMRF	Simiane la Rot	4.12 229	ePn	Pn	03 09 12.2 +1.5
SMRF	Simiane la Rot	4.12 229	eSn	Sn	03 09 57.1 -2.1
LOR	Lormes	4.13 279	ePn	Pn	03 09 11.1 +0.3
LOR	baz=98		eSg	Sg	03 10 17.7 -1.9
LOR	Lormes	4.13 279	ePn	Pn	03 09 11.1 +0.3
LOR	Lormes	4.13 279	eSg	Sg	03 10 17.7 -1.9
SMF	Signal de Mont	4.14 270	ePn	Pn	03 09 25.6 -0.7
SMF	SNR=1.0		eSg	Sg	03 10 18.7 -1.3
SMF	Signal de Mont	4.14 270	ePn	Pn	03 09 11.4 +0.5
SMF	Signal de Mont	4.14 270	eSg	Sg	03 09 25.6 -0.7
SMF	Signal de Mont	4.14 270	ePn	Pn	03 10 18.7 -1.3
SMF	Signal de Mont	4.14 270	ePn	Pn	03 09 25.6 -0.7
SMF	Signal de Mont	4.14 270	eSg	Sg	03 10 18.7 -1.3
LMR	La Moure	4.19 216	ePn	Pn	03 09 13.2 +1.6
LMR	SNR=1.0		eSn	Sn	03 09 59.2 -1.7
LMR	La Moure	4.19 216	ePn	Pn	03 09 13.2 +1.6
LMR	La Moure	4.19 216	eSn	Sn	03 09 59.2 -1.7
PGF	Pioggiola	4.28 188	ePn	Pn	03 09 13.6 +0.7
PGF	Pioggiola	4.28 188	eSn	Sn	03 10 02.8 -0.4
PGF	Pioggiola	4.28 188	ePn	Pn	03 09 13.6 +0.7
PGF	Pioggiola	4.28 188	eSn	Sn	03 10 02.8 -0.4
SSF	Saint Saulte	4.36 276	ePn	Pn	03 09 14.6 +0.7
SSF	Saint Saulte	4.36 276	eSg	Sg	03 10 25.1 -1.9
SSF	Saint Saulte	4.36 276	ePn	Pn	03 09 14.6 +0.7
SSF	Saint Saulte	4.36 276	eSg	Sg	03 10 25.1 -1.9
AVF	Avril sur Loir	4.46 272	ePn	Pn	03 09 16.4 +1.0
AVF	SNR=1.0		eSg	Sg	03 10 28.0 -2.5
AVF	Avril sur Loir	4.46 272	ePn	Pn	03 09 16.4 +1.0
AVF	Avril sur Loir	4.46 272	eSg	Sg	03 10 28.0 -2.5
PRU	Pruhoniche	4.47 43	ePn	Pn	03 09 28.8 -4.0
BGF	Bois d'Angland	4.83 270	ePn	Pn	03 09 21.5 +1.1
BGF	Bois d'Angland	4.83 270	eSg	Sg	03 10 40.0 -2.1
BGF	Bois d'Angland	4.83 270	ePn	Pn	03 09 21.5 +1.1
BGF	Bois d'Angland	4.83 270	eSg	Sg	03 10 40.0 -2.1
HYF	Humbigny	4.96 278	ePn	Pn	03 09 22.8 +0.6
BAIF	Baives	4.99 313	ePn	Pn	03 09 22.7 +0.0
LASF	Ste Croix	5.01 239	ePn	Pn	03 09 23.5 +0.5
LASF	SNR=1.0		eSn	Sn	03 10 17.8 -3.5
LASF	Ste Croix	5.01 239	ePn	Pn	03 09 23.5 +0.5
LASF	Ste Croix	5.01 239	eSn	Sn	03 10 17.8 -3.5
LASF	Ste Croix	5.01 239	ePn	Pn	03 09 23.5 +0.5
LASF	Ste Croix	5.01 239	eSn	Sn	03 10 17.8 -3.5

TCF	Toulx Ste Croi	5.30 267	ePn	Pn	03 09 27.6 +0.8
CAF	Calviac	5.75 254	ePn	Pn	03 09 34.5 +1.4
MFF	Saint Martin d	6.88 272	ePn	Pn	03 09 49.1 +0.5
MOS 31 03:09:37.0,0.8,5161N:1624E,h7km,mb4.0/2, Error ellipse: s-maj=2.3km s-min=1.8km az=84.9					
CSEM 31 03:09:38.4,0.1,5151N:1607E,h1km,mb3.9/2,ML.4,0/12, Error ellipse: s-maj=1.8km s-min=1.3km az=12.0					
NEIC 31 03:09:38.9,0.5,5153N:1611E,h5km,ML3.2(BRA), ML3.3(SZGRF), Error ellipse: s-maj=5.8km s-min=5.3km az=190.0					
LDG 31 03:09:38.6,0.1,5143N:1611E,h1km,ML4,0/8, Error ellipse: s-maj=3.6km s-min=2.7km az=179.0, Suspected Mining Induced.					
ISCJB 31 03:09:38.3,0.3,5138N:002-1617E,002,h0km,mb3.6/6, Error ellipse: s-maj=2.3km s-min=1.8km az=18.7					
IPEC 31 03:09:39.6,0.3,5145N:1624E,h7km,1km,ML2.9/3, Error ellipse: s-maj=1.9km s-min=0.7km az=37.0					
BGR 31 03:09:39.0,0.5,5145N:1616E,h1km,ML3.3, Error ellipse: s-maj=7.8km s-min=3.3km az=18.0					
WAR 31 03:09:40.8,5146N:1617E,ML3.3, Mining Induced					
IDC 31 03:09:40.1,0.5,5146N:1608E,h0km,mb3.6/4, mb1.3/8/12,mb1mx3.7/23,mbmp3.6/12,ML3.5/8, Error ellipse: s-maj=10.7km s-min=6.1km az=109.0					
PRU 31 03:09:40.9,5141N:1613E,h0km					
STR 31 03:09:40.8,1.4,5117N:1622E,h5km,1km,ML4,1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0					
VIE 31 03:09:44.6,0.6,5114N:1621E,h10km,mb2.9/7,ML3.1/10, Error ellipse: s-maj=3.0km s-min=3.1km az=197.0 56 km W of Breslau Suspected Mining induced.					
ISC 31 03:09:39.0,0.2,5148N:001-1618E,002,h0km,m152, r157/248,mb3.6/6,16C-15D, Poland					
Code	Station Name	Δ°	AZ°	Phase ID	Time Res
KSP	Ksiaz	0.64	173	iP	03 09 51.9 +0.6
KSP	Ksiaz	0.64	173	e	03 09 51.9 +0.6
KSP	Ksiaz	0.64	173	eSg	03 10 00.0 +0.4
KSP	Ksiaz	0.64	173	eL	03 10 03.3
KSP	Ksiaz	0.64	173	iP	03 09 51.9 +0.6
KSP	Ksiaz	0.64	173	e	03 09 58.9 +0.4
KSP	Ksiaz	0.64	173	eSg	03 10 00.0 +0.4
KSP	Ksiaz	0.64	173	ePn	03 09 51.8 +0.5
KSP	Ksiaz	0.64	173	ePn	03 09 58.6 -1.0
UPC	Upice	0.98	186	ePn	03 09 58.0 +0.3
UPC	Upice	1.13	175	ePn	03 10 00.6 +1.5
DPC	Dobruska-Polom	1.13	175	eSg	03 10 14.3 -1.1
DPC	Dobruska-Polom	1.13	175	ePn	03 10 00.7 0.0
DPC	Dobruska-Polom	1.13	175	eSg	03 10 14.9 -0.5
PVCC	Panska Ves	1.39	227	ePn	03 10 05.8 +0.1
PVCC	Panska Ves	1.39	227	eSg	03 10 24.5 +0.8
PVCC	Panska Ves	1.39	227	ePn	03 10 05.8 +0.1
PVCC	Panska Ves	1.39	227	eSg	03 10 24.2 +0.5
BRG	Berggiesshubel	1.53	248	ePn	03 10 06.8 -1.6
BRG	Berggiesshubel	1.53	248	Pn	03 10 07.0 -0.6
BRG	Berggiesshubel	1.53	248	Pn	03 10 07.0 -0.6
BRG	Berggiesshubel	1.53	248	Sg	03 10 28.7 +0.5
BRG	Berggiesshubel	1.53	248	ePn	03 10 06.9 -0.7
RUE	Ruedersdorf	1.79	305	iP	03 10 10.9 -0.2
RUE	Ruedersdorf	1.79	305	eSn	03 10 11.5 -0.5
RUE	Ruedersdorf	1.79	305	ePn	03 10 10.8 -0.3
RUE	Ruedersdorf	1.79	305	eSn	03 10 36.3 +1.8
PRA	Prague	1.79	219	PG	03 10 10.0 -1.2
PRA	Prague	1.79	219	SG	03 10 36.0 -0.6
PRU	Pruhoniche	1.82	215	ePn	03 10 11.0 -0.5
PRU	Pruhoniche	1.82	215	ePn	03 10 11.0 -0.5
PRU	Pruhoniche	1.82	215	eSg	03 10 36.7 -0.7
PRU	Pruhoniche	1.82	215	ePn	03 10 13.1 -0.7
PRU	Pruhoniche	1.82	215	eSg	03 10 35.4 -2.0
FBE	Freiberg	1.86	254	ePn	03 10 11.5 -0.5
FBE	Freiberg	1.86	254	eSg	03 10 38.0 -0.8
RAC	Raciborz	1.90	137	ePn	03 10 11.8 -0.8
RAC	Raciborz	1.90	137	eSg	03 10 15.5 +0.2
RAC	Raciborz	1.90	137	ePn	03 10 38.3 -1.6
RAC	Raciborz	1.90	137	eSg	03 10 15.5 +0.2
RAC	Raciborz	1.90	137	ePn	03 10 38.3 -1.6
GKP	Gorka Klasztor	1.91	20	ePn	03 10 14.1 +1.3
GKP	Gorka Klasztor	1.91	20	eSg	03 10 21.6 +6.0
GKP	Gorka Klasztor	1.91	20	ePn	03 10 45.3 +4.9
GKP	Gorka Klasztor	1.91	20	ePn	03 10 14.1 +1.3
MORC	Moravsky Berou	1.91	152	ePn	03 10 12.0 -0.9
MORC	Moravsky Berou	1.91	152	iP	03 10 12.5 -0.3
MORC	Moravsky Berou	1.91	152	ePn	03 10 12.4 -0.4
MORC	Moravsky Berou	1.91	152	eSn	03 10 38.6 +1.0
MORC	Moravsky Berou	1.91	152	ePn	03 10 12.0 -0.8
MORC	Moravsky Berou	1.91	152	eSg	03 10 37.0 -0.5
MORC	Moravsky Berou	1.91	152	eSg	03 10 38.6 +1.0
CLL	Collm	2.00	266	ePn	03 10 13.3 -0.6
CLL	Collm	2.00	266	iP	03 10 17.2 -0.0
CLL	Collm	2.00	266	iSg	03 10 44.6 +1.5
CLL	Collm	2.00	266	Pn	03 10 13.5 -0.4
CLL	Collm	2.00	266	iP	03 10 17.2 -0.0
CLL	Collm	2.00	266	iSg	03 10 44.6 +1.5
CLL	Collm	2.00	266	Sg	03 10 44.6 +1.5
CLL	Collm	2.00	266	Pn	03 10 13.5 -0.4
CLL	Collm	2.00	266	Pn	03 10 17.2 -0.0
CLL	Collm	2.00	266	Sg	03 10 44.6 +1.5
OKC	Ostrava-Krasne	2.07	142	ePn	03 10 14.1 -0.8
OKC	Ostrava-Krasne	2.07	142	eSg	03 10 43.2 -2.2
OKC	Ostrava-Krasne	2.07	142	ePn	03 10 14.0 -1.0
OKC	Ostrava-Krasne	2.07	142	ePn	03 10 18.2 -0.4

31d 3h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like LPGA, HFS, HFS, etc.

31d 3h: 10C 03:13:51.6, 0.31645x17861W, h0km, mb4.6/7, mb1 4.8/8, mb1mx4.7/11, mb1mx4.6/8, MB4.6/1, MS3.9/15, Ms1 3.9/15, ms1mx3.8/19, Error ellipse: s-maj=23.8km s-min=19.1km az=121.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like MXZ, WCCZ, MWZ, etc.

2006 OCT

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like BSWZ, THZ, THZ, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like VRSR, VRSR, VRSR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARCES ARCESS Array B, SONM Songjiao Array, FINES FINES Array B, MKAR Makanchi Array, ESDC Sonseca Array, BOSHA Boshof.

MOS 31 06:25:48.5±1.5, 648N-12622E, h118km, mb4.6/9, Error ellipse: s-maj=19.3km s-min=8.0km az=104.0

ISC/JB 31 06:25:51.2±0.5, 645N-12623E-006, h141km, 4km, mb4.7/48, Error ellipse: s-maj=9.6km s-min=4.9km az=156.2

IDC 31 06:25:52.0±1.6, 648N-12627E, h139km, 13km, mb4.2/15, mb1.4, 3/15, mb1mx4.1/22, mbtmp4.6/15, MS3.1/1, Ms1.3/1.1, ms1mx4.4/32, Error ellipse: s-maj=24.4km s-min=9.2km az=73.0

NEIC 31 06:25:52.6±0.9, 649N-12619E, h140km, 8km, mb4.9/21, Error ellipse: s-maj=12.2km s-min=5.7km az=79.0

BUI 31 06:25:52.1, 620N, 12637E, h170km, mb4.8, mb4.9

MAN 31 06:25:55.8, 670N, 12600E, h123km, mb4.1, ML5.0, MS4.7

ISC 31 06:25:52.5±0.5, 647N-12622E-006, h136km, 4km, h137km, 5.5km; p-P, n114, e1910/124, mb4.7/48, 18C-5D, Mindanao

Main table for 31d 7h section, listing station codes (DAV, KCP, CTBH, etc.), station names, coordinates, phase IDs, and times/residuals.

Main table for 2006 OCT section, listing station codes (NWAOW, NWAOW, NWAOW, etc.), station names, coordinates, phase IDs, and times/residuals.

Main table for 1038 section, listing station codes (NWAOW, NWAOW, NWAOW, etc.), station names, coordinates, phase IDs, and times/residuals.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chara, Fotonovo, Tupik, KPC, ORL, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Nahal Hemdat, Maghara, Mount Malkishu, Mount Meron ar, Jabal Katrina, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Vanda, Scott Base, Mirnyy, Makanchi Array, etc.

ISCJB 31 09:46:55.8, 1.2, 4398N:007.1479E:0.1, h47km, 12km, mb3.6/3, MS3.9/2, Error ellipse: s-maj=16.4km

JMA 31 09:46:55.8, 0.3, 4368N:147.62E, h0km, M4.1, IDC 31 09:46:56.0, 1.1, 4355N:147.97E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.5/22, mbtrnp3.5/5, ML5.0/1, MS3.7/3, Ms1 3.7/3, ms1mx3.0/38, Error ellipse: s-maj=32.1km s-min=28.0km az=155.0

MOS 31 09:46:57.5, 1.3, 4413N:147.89E, h63km, mb4.0/2, Error ellipse: s-maj=29.9km s-min=22.0km az=131.3

ISC 31 09:46:57.0, 1.3, 4401N:008.1479E:0.1, h44km, 13km, n28, e114/26, mb3.6/3, MS3.9/2, 1D, Kuril Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kuril'sk, Yuzh-Kuril'sk, Nemuro 2, etc.

ISCJB 31 09:53:11.7, 1.5, 423S:006.15279E:0.06, h45km, 13km, mb4.7/22, MS3.8/13, Error ellipse: s-maj=11.0km s-min=9.6km az=130.7

MOS 31 09:53:11.7, 1.2, 426S:152.83E, h33km, mb5.1/4, Error ellipse: s-maj=16.0km s-min=10.4km az=77.6

IDC 31 09:53:13.0, 0.6, 436S:152.86E, h40km, mb5.3/10, mb1 4.4/11, mb1mx4.4/16, mbtmp4.4/11, ML5.0/1, MS3.8/12, Ms1 3.8/12, ms1mx3.6/29, Error ellipse: s-maj=14.3km s-min=12.7km az=104.0

NEIC 31 09:53:12.7, 0.4, 421S:152.75E, mb4.8/13, Error ellipse: s-maj=8.9km s-min=7.6km az=66.0

Bull 31 09:53:12.6, 4.20S:152.70E, h39km, mb5.0, mb4.6, Ms5.2, Ms2.4

ISC 31 09:53:15.6, 1.2, 427S:007.15279E:0.06, h65km, 10km, n41km, 1.5km, pp-P, n59, e0.90/63, mb4.5/22, 1C-1D, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Port Moresby, Honiara, Charters Town, etc.

SZGRF 31 09:55:10.6, 2.97S:76.11W, h33km, mb5.6, Peru-Ecuador border region

CASC 31 09:55:23.1, 2.1, 139S:77.75W, h20km, MW4.4, Duration: 1/2 Moment tensor. Scale 10717Nm

IGQ 31 09:55:24.1, 1.53S:77.97W, h196km, 7km, Mb4.8, Ms4.7, Error ellipse: s-maj=4.2km s-min=2.0km az=53.5

ISCJB 31 09:55:27.0, 1.1, 142S:002.7783W:0.02, h181km, mb5.2/255, Error ellipse: s-maj=3.3km s-min=2.3km az=71.9

MOS 31 09:55:27.0, 0.8, 130S:77.80W, h174km, mb5.3/100, MS4.4/4, Error ellipse: s-maj=6.4km s-min=4.4km az=85.0

BGS 31 09:55:28.2, 1.39S:77.75W, h181km, mb5.3, GCMT 31 09:55:28.7, 0.1, 1.53S:78.04W, h178km, MW5.4/95, Moment Tensor Solution. s78, c130, s95, c183

NEIC 31 09:55:28.7, 0.1, 1.39S:77.75W, mb5.2/125, MD4.8 (IGQ) Error ellipse: s-maj=3.0km s-min=2.2km az=41.0

NEIC Feil at Bahia de Caraquez, Cuenca, Portoviejo and Quevedo

IDC 31 09:55:28.0, 0.5, 133S:77.73W, h175km, mb4.9/22, mb1 5.1/29, mb1mx5.1/29, mbtmp5.4/29, MS4.1/6, Ms1 4.1/6, ms1mx1.7/3.9, Error ellipse: s-maj=10.8km s-min=7.1km az=63.0

CRAAG 31 09:55:28.1, 1.38S:77.80W, Mb5.2, Bull 31 09:55:29.4, 0.1, 1.38S:002.7773W:0.02, h183km, h183km, 8km, pp-P, n1094, e0.75/965, mb5.2/254, 162C-148D, Ecuador

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Ulba, Runtun, Retu, Pisayambo, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Nemuro 2, JRA, JNK, JAK, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WZM, WB2, WRA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Ulba, Runtun, Retu, Pisayambo, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Nemuro 2, JRA, JNK, JAK, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WZM, WB2, WRA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Ulba, Runtun, Retu, Pisayambo, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Nemuro 2, JRA, JNK, JAK, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WZM, WB2, WRA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Ulba, Runtun, Retu, Pisayambo, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Nemuro 2, JRA, JNK, JAK, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WZM, WB2, WRA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Ulba, Runtun, Retu, Pisayambo, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Nemuro 2, JRA, JNK, JAK, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WZM, WB2, WRA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Ulba, Runtun, Retu, Pisayambo, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Nemuro 2, JRA, JNK, JAK, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WZM, WB2, WRA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Ulba, Runtun, Retu, Pisayambo, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Nemuro 2, JRA, JNK, JAK, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WZM, WB2, WRA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Ulba, Runtun, Retu, Pisayambo, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Nemuro 2, JRA, JNK, JAK, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WZM, WB2, WRA, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like STH Stony Hill, CMJ Castle Mountain, CVJ Coleville, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like WCI Wyandotte Cave, WCI Wyandotte Cave, WCI Wyandotte Cave, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like WVL Waterville, WVL Waterville, WVL Waterville, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like CRES Cresnjev, VISNJ Visnje, GCSJ Gorjci Cirmik, etc.

ISCJCB 31 15:09:33.0, 7.3619N, 004.13990E, 006, h87km, 5km, mb3.3/2, Error ellipse: s-maj=8.6km s-min=5.6km az=74.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like JYT Yasato, JAG Ashikaga, JKT Katashina, etc.

ATH 31 15:18:02.5, 3905N, 2115E, h33km, MD3.0/3
ISCJCB 31 15:18:04.5, 0.6, 3889N, 004.2115E, 005, h5km, 7km, Error ellipse: s-maj=7.6km s-min=5.5km az=115.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like LKD Levkas, EVR Evrytania, JAN Janina, etc.

ISCJCB 31 15:29:02.9, 2191N, 004.14313E, 010, h6km, 18km, mb4.4/31, MS3.5/1, Error ellipse: s-maj=15.2km s-min=7.3km az=170.0

IDC 31 15:29:35.7, 4.0, 2192N, 142.95E, h38km, 34km, mb4.1/15, mb1.4/31, mb1mx4.2/25, mb2mx4.3/17, ML4.0/2, Error ellipse: s-maj=23.2km s-min=12.2km az=88.0

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like CBIJ Chichi jima, MJAR Matsushiro Arr, NJ2 Nanjing, etc.

TORD Torodi Ar. Bea 128.60 309 PKP PKPdf 15 48 38.6 -0.2
LPAZ La Paz 149.92 85 PKPbc PKPbc 15 49 23.9 +1.9

ISCJCB 31 15:33:48.7, 0.7, 2180N, 009.1429E, 02, h29km, mb4.5/27, MS4.1/5, Error ellipse: s-maj=30.5km s-min=10.2km az=151.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like CBIJ Chichi jima, JOW Kunigami, MJAR Matsushiro Arr, etc.

31d 20h

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
EMIJ	Mijas	0.32	159	↑Pg	ISC	20 08 56.2	-0.7
EMIJ	Mijas	7.3nm, 0.1s, SNR=18		Lg		20 09 02.4	
LJJA	Lijar	0.40	276	P	Sb	20 08 57.0	-1.2
LJJA	Lijar	4.4nm, 0.3s, SNR=7.9		P	Sb	20 09 04.1	+0.2
REAL	Reales	0.45	212	P	Sb	20 09 00.1	+1.0
REAL	Reales	4.9nm, 0.2s, SNR=7.9		P	Sb	20 09 07.8	+2.4
EJIF	Jimena Fronter	0.61	227	P	Sb	20 09 01.5	-0.3
EJIF	Jimena Fronter	6.9nm, 0.3s, SNR=9.2		Pb		20 09 01.3	-1.5
ELOJ	Sierra Loja	0.67	65	↑Pg	ISC	20 09 12.4	
ELOJ	Sierra Loja	2.8nm, 0.4s, SNR=18		Lg		20 09 12.4	
ELOJ	Sierra Loja	3.8nm, 0.3s, SNR=7.9		Lg		20 09 12.4	
ESPR	Espera	0.76	271	Pg	Pb	20 09 04.1	-0.3
ESPR	Espera	0.5nm, 0.1s, SNR=11		Lg		20 09 15.8	
ELUG	Luque	0.86	36	Pg	Pb	20 09 05.0	-1.2
ELUG	Luque	1.3nm, 0.4s, SNR=7.9		Lg		20 09 17.3	
ELUG	Luque	2.4nm, 0.1s, SNR=10.0		Lg		20 09 17.3	
ERON	Agron	0.90	80	Pg	Pb	20 09 07.8	+1.1
ERON	Agron	5.4nm, 0.3s, SNR=9.2		Pg		20 09 10.4	+0.6
EGUA	Guajares	1.08	91	Pg	Pn	20 09 10.4	+0.6
EGUA	Guajares	1.2nm, 0.2s, SNR=7.9		Lg		20 09 26.5	
ECOG	Cogollos-Vega	1.15	69	Pg	Pn	20 09 11.9	+1.1
ECOG	Cogollos-Vega	2.8nm, 0.2s, SNR=7.9		Lg		20 09 28.4	
ECOG	Cogollos-Vega	4.1nm, 0.2s, SNR=7.9		Lg		20 09 28.4	
EQUE	Qentar	1.23	74	Pg	Pn	20 09 13.4	+1.6
EQUE	Qentar	4.5nm, 0.3s, SNR=24		Lg		20 09 31.2	
EQUE	Qentar	3.2nm, 0.3s, SNR=7.9		Lg		20 09 12.1	-1.2
EADA	Adamuz	1.33	11	Pg	Pn	20 09 12.1	-1.2
EADA	Adamuz	1.7nm, 0.1s, SNR=7.9		Lg		20 09 29.5	
EADA	Adamuz	2.7nm, 0.4s, SNR=7.9		Lg		20 09 29.5	
EBAN	Banos Encina	1.58	34	Pg	Pn	20 09 15.5	-1.1
EBAN	Banos Encina	4.3nm, 0.2s, SNR=7.9		Lg		20 09 36.3	
EBAN	Banos Encina	50nm, 0.5s, SNR=7.9		Lg		20 09 36.3	
EBER	Berja	1.62	88	Pg	Pn	20 09 22.0	+4.8
EBER	Berja	3.2nm, 0.4s, SNR=4.0		Lg		20 09 45.2	
EMIN	Mina Concepcio	1.67	303	Pn	Pn	20 09 15.8	-2.1
EMIN	Mina Concepcio	1.2nm, 0.1s, SNR=14		Pg		20 09 18.8	+0.9
EMIN	Mina Concepcio	0.9nm, 0.2s, SNR=7.9		Lg		20 09 39.1	
EMIN	Mina Concepcio	4.4nm, 0.2s, SNR=7.9		Lg		20 09 19.2	+0.3
EQES	Quesada	1.74	57	Pn	Pn	20 09 21.3	+2.4
EQES	Quesada	0.3nm, 0.2s, SNR=7.9		Pg		20 09 21.3	+2.4
EQES	Quesada	2.9nm, 0.4s, SNR=14		Lg		20 09 44.3	
EQES	Quesada	15nm, 0.4s, SNR=7.9		Lg		20 09 44.3	
EBAD	Badajoz	2.52	319	Pn	Pn	20 09 27.5	-2.1
EBAD	Badajoz	0.6nm, 0.2s, SNR=7.9		Sn		20 09 57.2	-2.4
EBAD	Badajoz	SNR=7.9		Lg		20 10 06.7	
EVIA	Vianos	2.60	46	Pg	Pn	20 09 37.0	+6.2
EVIA	Vianos	SNR=7.9		Sn		20 10 00.8	-0.9
EVIA	Vianos	SNR=7.9		Sn		20 10 12.1	
PBEJ	Beja	2.62	297	eSg	Sn	20 10 10.4	+8.2
ESDC	Sonsec Array	2.90	15	Pg	Pn	20 09 42.5	+7.7
ESDC	Sonsec Array	baz=197, slow=18, SNR=7.9		Lg		20 10 18.9	
PESTR	Estremoz	2.91	314	ePg	Pn	20 09 41.9	+6.9
PESTR	Estremoz	2.91	314	ePg	Sn	20 10 18.4	+9.0
MORF	Marmeleite	3.02	279	eSg	Sn	20 10 10.9	-1.2
MORF	Marmeleite	SNR=7.9		eSg	Sn	20 10 23.7	-1.2
PTEO	Sao Teotonio	3.12	284	eSg	Sn	20 10 13.0	-1.5
ETOB	Tobarra	3.20	55	Lg	Sn	20 10 13.0	-1.5
ETOB	Tobarra	SNR=7.9		Lg		20 10 23.4	-2.7
PCBR	Castelo Branco	3.59	327	eSg	Sn	20 10 39.0	+1.3
PCBR	Castelo Branco	SNR=7.9		Lg		20 11 12.3	

ISCJB 31 20:10:28.5.0.3, 4465N.002:7.17E.003, h12km, 3km, Error ellipse: s-maj=3.9km s-min=2.1km az=122.0
 NEIC 31 20:10:28.7, 4466N:7.16E, h10km, ML1.9(ROM), ML2.5(STR), ML2.6(LDG), After ROM.
 GEN 31 20:10:28.9, 4467N:7.13E, h11km, ML2.0
 ROM 31 20:10:28.7.0.2, 4466N:7.16E, h10km, 1km, Md2.1/5, M1.9/5, Error ellipse: s-maj=3.6km s-min=2.1km az=0.0
 STR 31 20:10:29.1.0.4, 4466N:7.19E, h5km, 1km, M12.5, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0
 LDG 31 20:10:29.1.0.1, 4468N:7.21E, h3km, M12.6/8, Error ellipse: s-maj=1.3km s-min=0.6km az=67.0
 CSEM 31 20:10:29.1.0.1, 4467N:7.20E, h10km, ML2.7/10, Error ellipse: s-maj=1.4km s-min=0.9km az=68.0
 ISC 31 20:10:29.1.0.3, 4466N.002:7.20E.003, h10km, 4km, n51, c=070/85, Northern Italy

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
DOI	San Damiano	0.16	167	Op	ISC	20 10 33.2	+0.6
DOI	San Damiano	561nm, 0.3s		Pg		20 10 35.6	+0.6
OG22	Abries	0.24	312	Pg	Pg	20 10 34.3	+0.3
OG22	Abries	561nm, 0.3s		Pg		20 10 37.3	0.0
MBDF	Montbardon	0.31	282	ePg	Pg	20 10 35.6	+0.3
MBDF	Montbardon	183nm, 0.2s		ePg		20 10 39.6	+0.2
MBDF	Montbardon	0.31	282	ePg	Pg	20 10 35.6	+0.3
MBDF	Montbardon	183nm, 0.2s		ePg		20 10 39.6	+0.2
RRL	Cesana Torines	0.39	311	P	Pg	20 10 36.0	-0.8
STV	Sta Anna Valdi	0.43	168	Pg	Pg	20 10 37.8	+0.4
STV	Sta Anna Valdi	255nm, 0.2s		Pg		20 10 43.4	+0.3
ENR	Entraque	0.46	160	P	Pg	20 10 38.3	+0.2
RSP	Reno Superiore	0.49	5	Pg	Pg	20 10 38.5	+0.2
RSP	Reno Superiore	56nm, 0.2s		Pg		20 10 45.3	+0.2
BNI	Bardonecchia	0.54	317	Pg	Pg	20 10 39.5	0.0
BNI	Bardonecchia	29nm, 0.3s		Pg		20 10 46.2	-0.4
ROB	Roburent	0.61	127	P	Pg	20 10 41.2	+0.4
TOUF	Mont Tourmerai	0.65	177	Pg	Pg	20 10 42.2	+0.6
MONC	Moncuoco Torin	0.66	51	Pg	Pg	20 10 42.7	+0.8
AUTN	L'Aution	0.69	166	Pg	Pg	20 10 42.0	-0.3
AUTN	L'Aution	561nm, 0.3s		Pg		20 10 42.0	-0.2
MONE	Monesi	0.71	145	Pg	Pg	20 10 51.8	+0.5
SAOF	Saorge	0.72	159	Pg	Pg	20 10 43.1	+0.1
SAOF	Saorge	561nm, 0.3s		Pg		20 10 52.5	0.0
MVIF	Mont Vial	0.77	182	Pg	Pg	20 10 44.3	+0.4
MVIF	Mont Vial	561nm, 0.3s		Pg		20 10 54.5	+0.6
LVIF	Luceram	0.78	172	Pg	Pg	20 10 42.5	+0.2
LVIF	Luceram	561nm, 0.3s		Pg		20 10 53.8	-0.4
LSD	Cesole Reale	0.80	358	P	Pg	20 10 44.2	-0.2
SBF	Sospel	0.82	168	ePg	Pg	20 10 44.5	-0.3
SBF	Sospel	23nm, 0.3s		ePg		20 10 55.5	0.0
SBF	Sospel	0.82	168	ePg	Pg	20 10 44.5	-0.3
SBF	Sospel	12nm, 0.3s		ePg		20 10 55.5	0.0
RORO	Finale Ligure	0.83	131	P	Pg	20 10 45.0	-0.1
FIN	Finale Ligure	0.85	122	P	Pg	20 10 45.5	0.0
FIN	Finale Ligure	18nm, 0.2s		Pg		20 10 57.1	+0.4
FIN	Finale Ligure	0.85	122	P	Pg	20 10 45.5	0.0
FIN	Finale Ligure	18nm, 0.2s		Pg		20 10 57.1	+0.4
NEGI	Negi	0.89	156	P	Pg	20 10 45.5	-0.8
LEGI	La Plagne	0.89	339	ePg	Pg	20 10 46.1	-0.2
LPG	La Plagne	19nm, 0.3s		eSg		20 10 57.4	-0.5

2006 OCT

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
LPG	La Plagne	0.89	339	ePg	Pg	20 10 46.1	-0.2
LPG	La Plagne	19nm, 0.3s		ePg		20 10 57.4	-0.5
IMI	Imperia	0.90	146	Pg	Pg	20 10 46.2	-0.2
IMI	Imperia	9.6nm, 0.3s		Pg		20 10 57.8	-0.4
LPL	La Plagne	0.92	339	ePg	Pg	20 10 46.5	-0.2
LPL	La Plagne	9.0nm, 0.1s		ePg		20 10 58.0	-0.6
LPL	La Plagne	15nm, 0.3s		ePg		20 10 46.5	-0.2
LPL	La Plagne	0.92	339	ePg	Pg	20 10 46.5	-0.2
LPL	La Plagne	15nm, 0.3s		ePg		20 10 58.0	-0.6
PCP	Plan Castagno	0.97	97	P	Pg	20 10 47.5	-0.3
ORIF	Oris-en-Rattie	0.97	286	ePg	Pg	20 10 47.8	-0.2
ORIF	Oris-en-Rattie	14nm, 0.2s		Pg		20 11 00.1	-0.3
ORIF	Oris-en-Rattie	0.97	286	ePg	Pg	20 10 47.6	-0.2
ORIF	Oris-en-Rattie	14nm, 0.2s		Pg		20 11 00.1	-0.3
FRF	La Foret Royal	1.17	200	ePg	Pg	20 10 51.5	-0.1
FRF	La Foret Royal	7.2nm, 0.2s		Pg		20 11 06.7	-0.1
FRF	La Foret Royal	37nm, 0.3s		Pg		20 11 06.7	-0.1
FRF	La Foret Royal	1.17	200	ePg	Pg	20 10 51.5	-0.1
FRF	La Foret Royal	37nm, 0.3s		Pg		20 11 06.7	-0.1
SMRF	Simiane la Rot	1.35	240	ePg	Pg	20 10 55.4	+0.4
SMRF	Simiane la Rot	14nm, 0.3s		ePg		20 11 12.6	0.0
SMRF	Simiane la Rot	1.35	240	ePg	Pg	20 10 55.4	+0.4
SMRF	Simiane la Rot	14nm, 0.3s		ePg		20 11 12.6	0.0
LMR	La Moure	1.42	201	ePg	Pg	20 10 55.9	-0.4
LMR	La Moure	7.2nm, 0.3s		ePg		20 11 14.2	-0.5
LMR	La Moure	24nm, 0.2s		Pg		20 10 55.9	-0.4
LMR	La Moure	1.42	201	ePg	Pg	20 11 14.2	-0.5
VIVF	Saint-Julien-I	1.81	277	ePg	Pg	20 11 03.2	-0.6
VIVF	Saint-Julien-I	9.2nm, 0.4s		ePg		20 11 26.5	-0.7
VIVF	Saint-Julien-I	1.81	277	ePg	Pg	20 11 03.2	-0.6
VIVF	Saint-Julien-I	9.2nm, 0.4s		ePg		20 11 26.5	-0.7
VIVF	Saint-Julien-I	1.81	277	ePg	Pg	20 11 03.2	-0.6
VIVF	Saint-Julien-I	9.2nm, 0.4s		ePg		20 11 26.5	-0.7
VIVF	Saint-Julien-I	1.81	277	ePg	Pg	20 11 03.2	-0.6
VIVF	Saint-Julien-I	9.2nm, 0.4s		ePg		20 11 26.5	-0.7

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GELF Grande-Etoile, CABF La Chapelle, CABF La Chapelle, etc.

ISCJB 31 20:26:06.5.0.3, 3581N:002-12044W:002, h22km, 3km, Error ellipse: s-maj=4.3km s-min=2.4km az=79.9

NEIC 31 20:26:06.9, 3586N:12041W, h9km, ML3.6(NCEDC), After NCEDC.

ISC 31 20:26:06.7.0.4, 3583N:002-12043W:002, h14km, 2km, n66, e090/87, 31C-30D, Central California

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PKD Parkfield, PTRM Twisselman Ran, V04C Ramage Ranch, etc.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like HAST UC Hastings Re, RCTC Rector, Farmer, T05C Eag Field, etc.

ISC 31 20:42:21.9.0.7, 068N:9743E, h0km, mb4.2/12, mb1.4, 3/13, mb1mx4.1/21, mbmp4.1/13, ML3.3/1, MS4.0/13, Ms1.4, 0/13, ms1mx3.8/23, Error ellipse: s-maj=26.7km

s-min=15.0km az=64.0, 0.74N:9752E, h33km, mb4.7/14, Mos 31 20:42:24.9.1.1, 074N:9752E, h33km, mb4.7/14, Error ellipse: s-maj=16.6km s-min=8.3km az=97.1

BJJ 31 20:42:25.1, 033N:9738E, h54km, mb5.2, mb4.6, Ms4.6, Ms2.4

ISCJB 31 20:42:26.7.1.4, 071N:006-9755E:007, h47km, 11km, mb4.5/38, MS4.1/16, Error ellipse: s-maj=13.0km s-min=6.8km az=105.0

NEIC 31 20:42:26.4.0.3, 068N:9748E, h30km, mb4.5/21, Error ellipse: s-maj=8.5km s-min=5.8km az=56.0

ISC 31 20:42:28.3.1.2, 068N:005-9752E:006, h44km, 10km, n99, e1905/90, mb4.5/38, MS4.1/16, Northern Sumatera

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

31d 20h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PALK Pallekele, CHTO Chiang Mai, CHTO Chiang Mai, etc.

31d 23h

Table with columns: STKA, Stephens Creek, 52.77 132 P, P, 20 51 40.5 +1.6, etc. Includes various station codes and coordinates.

ISCJB 31 20:53:49.7.0.4, 4466N, 002:718E, 0.04, h10km, Error ellipse: s-maj=3.8km s-min=2.1km az=131.4

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like San Damiano, Abries, etc.

ISC 31 21:29:10.0.1.0, 2189N, 143.03E, h0km, mb4.0/8,

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like JOW, MJAR, ULN, etc. Includes NEIC and ISCJB data.

ISC 31 21:38:48.6.9.3, 2190N, 143.15E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.6/2.0, mbtmp3.5/4, Error ellipse: s-maj=365.0km s-min=24.4km az=75.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like PSI, BOS, SON, etc.

ISC 31 23:03:22.8.1.9, 4091N, 010:741E, 0.2, h10km, Error ellipse: s-maj=18.6km s-min=12.1km az=119.9

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like SPN, NLC, NRC, etc.

ISC 31 23:22:22.7.1.6, 213S, 02:1749W, h0km, mb4.3/14, MS3.6/2, Error ellipse: s-maj=34.8km s-min=16.5km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like WEL, URZ, BKZ, etc.

ISC 31 23:06:35.3.6720N, 2067E, h7km, ML2.7, Mining explosion, After UPP

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like DUNU, WB2, WRAB, etc.

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Table with columns: PAJU, Pejala, 0.96 99 eP, Pg, 23 06 52.9 -1.3, etc. Includes LANU, LANU, SJIU, etc.

MOS 31 23:24:01.1.0.2, 4304N, 4547E, h17km, mb3.6/1.3C-1D, Error ellipse: s-maj=51.3km s-min=13.1km az=1.1, Eastern Caucasus

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like SNUR, VLKR, ARNR, etc.

ISCJB 31 23:33:22.9.2.0, 4078N, 010:741E, 0.2, h10km, Error ellipse: s-maj=18.6km s-min=12.1km az=119.9

ISC 31 23:33:22.8.1.9, 4091N, 010:741E, 0.2, h10km, n9, Error ellipse: s-maj=4.4km s-min=3.8km az=47.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like AML, UCH, UCH, etc.

ISC 31 23:42:19.7.1.7, 2126S, 02:1749W, h0km, mb4.3/5, mb1 4.4/5, mb1mx4.1/15, mbtmp4.3/5, MS3.7/3, Ms1 3.6/3, ms1mx3.1/26, Error ellipse: s-maj=52.5km s-min=28.5km az=120.0

ISCJB 31 23:42:22.7.1.6, 213S, 02:1749W, h0km, mb4.3/14, MS3.6/2, Error ellipse: s-maj=34.8km s-min=16.5km

NEIC 31 23:42:35.9.8.9, 2141S, 175.14W, h130km, 74km, mb4.3/9, Error ellipse: s-maj=33.7km s-min=12.0km az=62.0

ISC 31 23:42:24.9.1.6, 214S, 02:1749W, h2, h35km, n22, Error ellipse: s-maj=52.5km s-min=28.5km az=120.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like RAR, PPT, RPZ, etc.

VNDA	Vanda	57.34 186	eP	P	23 52 09.5	0.0
NWAO	Narrogin (SRO)	60.59 243	eP	P	23 52 31.9	-0.1
QSPA	South Pole Qui	68.72 180	P	P	23 53 25.0	0.0
MJAR	Matsushiro Arr	72.65 322	P	P	23 53 49.9	+1.0
MJAR	Matsushiro Arr	72.65 322	P	P	23 53 49.9	+1.0
AKASG	Malin Array Be	145.13 333	PKPbc	PKPbc	00 01 56.9	-1.3
BRTR	Keskin Array B	149.55 313	PKPbc	PKPbc	00 02 09.9	-0.6
GERES	GERESS Array B	151.72 348	PKPbc	PKPbc	00 02 15.8	+0.1

IDC 31 23:46:23.2±7.5, 1058N:9288E, h0^{km}, mb3.5/3, mb1 3.7/3, mb1mx3.3/20, mbtmp3.5/3, MS3.2/1, Ms1 3.2/1, ms1mx2.3/30, Error ellipse: s-maj=397.6km s-min=29.7km az=60.0, Andaman Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
PBA	Port Blair	1.07	353	eP	x		23 46 34.6	
PBA				eS	x		23 46 50.4	
PBA				ex	x		23 46 54.5	
PBA	comp=E, 1μm, 0.4s			ex	x		23 46 56.0	
MJAR	Makanchi Array	37.19	348	P			23 53 36.0	0.0
ZAL	Zalesovo	43.72	353	LR	LR		00 12 57.2	
WRA	Warramunga Arr	50.85	127	P			23 55 25.6	-0.1
ASAR	Alice Springs	52.61	131	P			23 55 39.8	+1.0

ISCJB 31 23:50:25.4±2.1, 408N±0.1×737E±0.1, h10^{km}, Error ellipse: s-maj=17.1km s-min=12.4km az=132.3

KNET 31 23:50:29.4±1.1, 4109N±7421E, h0^{km}, ml2.3, Error ellipse: s-maj=9.5km s-min=5.0km az=55.0

ISC 31 23:50:27.3±2.0, 409N±0.1×737E±0.1, h10^{km}, n8, σ1±23/12, 9C-5D, Kyrgyzstan

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
AML	Almayashu	1.28	358	↑P			23 50 50.8	-0.4
AML	16nm, 0.3s, SNR=11			↓S			23 51 08.3	+0.3
UCH	Uchtor	1.49	23	↓P			23 50 51.5	-2.6
AAK	Ala-Archa	1.87	17	↑P			23 50 58.9	-0.4
AAK	17nm, 0.3s, SNR=31			↑S			23 51 22.1	-0.9
KBK	Karagaybulak	2.02	26	↓P			23 51 00.7	-0.6
KBK	4.8nm, 0.2s, SNR=8.2			↑S			23 51 25.7	-0.9
USP	Ospenovka	2.48	13	↑P			23 51 10.6	+2.9
TKM2	Tokmak 2	2.49	33	↑P			23 51 09.1	+1.2
TKM2	4.9nm, 0.2s, SNR=9.4			↑S			23 51 40.1	+1.8
TKM2	33nm, 0.5s			↓Pn			23 51 08.9	+1.0
TKM2	0.1nm, 0.3s			↓Lg			23 51 39.5	
KK31	Karatay Array	3.30	314	↑Pn			23 51 30.8	+0.4
KK31	0.7nm, 0.4s, baz=123, slow=16, SNR=17			↑Lg			23 52 18.4	
KK31	6.3nm, 0.5s, baz=128, slow=27, SNR=16							

ISC Computed Locations for October 2006

