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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.

CSEM 01 00:19:32.0.0.1, 6779N-2019E, h0km, 3km, ML2.8, Error ellipse: s-maj=4.6km s-min=3.2km az=76.0, Mining explosion.
 IS/CJB 01 00:19:32.2.0.5, 6782N-003:20.11E, 008, h0km, Error ellipse: s-maj=4.6km s-min=3.8km az=80.7
 NAO 01 00:19:32.5.2.7, 6786N-1998E, ML2.1
 HEL 01 00:19:33.9.0.1, 6784N-2018E, h0km, ML1.9, ML2.8(UPP), ML1.7(BER), Explosion
 UPP 01 00:19:33.1, 6783N-2019E, h0km, ML2.8, Mining explosion.
 BER 01 00:19:36.2.3.5, 6790N-1999E, h0km, ML1.7, ML2.1(NAO), Suspected explosion
 ISC 01 00:19:32.7.0.4, 6781N-002:2016E, 007, h0km, n27, s123/37, Sweden

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
KUA	Kuravaara	0.16	24	iP	Pg		00 19 35.9	0.0
KUA	Nikkaluokta	0.43	27	iP	Sg		00 19 37.8	-0.2
DUNU	Dundret	0.70	167	iP	Pg		00 19 46.7	+0.5
LANU	Lannavaara	0.73	70	iP	Pg		00 19 46.5	-0.3
SALU	Saitoluokta	0.77	37	iP	Pg		00 19 48.0	+0.6
MASU	Masungbyn	0.79	116	iP	Pg		00 19 48.0	+0.2
KIF	Kilpisjärvi	1.23	11	eP	Pg		00 19 56.0	-0.2
KIF	Kilpisjärvi	1.23	11	eS	Sg		00 19 58.5	-0.8
PAJU	Pajala	1.38	123	eP	Pg		00 20 02.8	-0.3
KTK1	Kautokeino	1.66	42	eP	Pn		00 20 27.6	+1.4
KTK1	Kautokeino	1.66	42	eS	Sg		00 20 29.9	
KTK1	comp=Z, 7.7nm, 0.4s			AML	AML			
KTK1	Kautokeino	1.66	42	eP	Pn		00 20 02.8	-0.3
KTK1	SNR=50							
KTK1	comp=Z, 7.7nm, 0.4s, SNR=90			eSg	Sg		00 20 27.6	+1.4
TRO	Tromsø	1.89	347	eSg	AML		00 20 31.2	-2.3
TRO	Tromsø	1.89	347	eSg	AML		00 20 35.9	
SJUJ	Sjuksmark	2.38	165	eP	Pn		00 20 15.0	+2.1
SGF	Sodankyl	2.46	96	eP	Pn		00 20 15.3	+1.2
SGF	Sodankyl	2.46	96	eS	Sb		00 20 53.6	
SGF	comp=Z, 5.3nm, 0.1s			eSg	Sg		00 20 53.4	-0.2
LOF	Lofoten	2.52	281	eSg	AML		00 20 53.4	-0.2
LOF	Lofoten	2.52	281	eSg	AML		00 20 53.4	-0.2
LOF	comp=Z, 13nm, 0.8s			eSg	Sg		00 20 53.4	-0.2
LILU	Liltraesk	2.53	183	eP	Pn		00 20 17.4	+2.3
ARA0	ARCESS Array S	2.62	46	eP	Pn		00 20 16.6	+0.3
ARA0	ARCESS Array S	2.62	46	eS	Sb		00 20 50.1	+1.5
ARA0	comp=Z, 13nm, 0.8s, SNR=90			eSg	Sg		00 20 16.6	+0.3
ARA0	ARCESS Array S	2.62	46	eP	Pn		00 20 16.6	+0.3
ARA0	ARCESS Array S	2.62	46	eS	Sb		00 20 50.1	+1.5
ARA0	comp=Z, 13nm, 0.8s, SNR=90			eSg	Sg		00 20 16.6	+0.3
MOR8	Moi Rana	2.78	237	eSg	AML		00 20 56.6	-5.6
MOR8	Moi Rana	2.78	237	eSg	AML		00 21 00.0	
MOR8	comp=Z, 13nm, 0.5s			eSg	Sg		00 21 13.0	-1.4
STOK	Stokkvaagen	3.16	245	eSg	Pn		00 20 24.7	+0.8
KEV	Kevo	3.17	49	eP	Pn		00 21 01.5	-0.8
KEV	Kevo	3.17	49	eS	Sg		00 21 10.6	-3.9
KEV	Kevo	3.17	49	eS	Sg		00 21 13.9	
KEV	comp=Z, 2.5nm, 0.3s			eSg	Sg		00 20 39.1	-2.1
OUL	Oulu	3.57	137	eP	Pg		00 21 24.4	-3.1
OUL	Oulu	3.57	137	eSg	Sg		00 21 24.4	-3.1
OUL	comp=Z, 3.2nm, 0.3s			eSg	Sg		00 20 40.1	+1.7
KU6	Riekk	4.23	110	eP	Pn		00 20 50.1	+1.5
KU6	Riekk	4.23	110	eP	Pn		00 21 44.1	-4.4
KU6	Riekk	4.23	110	eSg	Sg		00 22 33.6	0.0
FI00	FINES Array S	6.87	156	eS	Sn		00 23 10.5	
FI00	FINES Array S	6.87	156	eS	Sn		00 23 36.0	0.0
FI00	comp=Z, 342, slow=37			Lg	Lg		00 23 10.5	
FI00	FINES Array S	6.87	156	eS	Sn		00 23 36.0	0.0
HFS	Hagfors	8.20	203	Lg	Lg		00 23 53.1	
HFS	Hagfors	8.20	203	Lg	Lg		00 23 53.1	
HFS	comp=Z, 10.0, slow=37			Lg	Lg		00 23 53.1	
HFS	Hagfors	8.20	203	Lg	Lg		00 23 53.1	
HFS	comp=Z, 10.0, slow=37			Lg	Lg		00 23 53.1	

NEIC 01 00:22:13.5, 3092S-71.65W, h15km, ML3.1(GUC), After GUC.

GUC 01 00:22:13.5-1.0, 3092S-71.65W, h15km, 7km, MD4.1, ML3.1, 4C-5D, Near coast of central Chile

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
OVCH	Ovalle	0.49	51	iP	Pg		00 22 23.6	+0.3
OVCH	Ovalle	0.49	51	iP	Pg		00 22 30.9	+0.9
OVCH	Ovalle	0.49	51	iP	Pg		00 22 35.0	
OVCH	comp=N, 1.1um, 0.3s			AML	AML			
OVCH	Ovalle	0.49	51	iP	Pg		00 22 23.6	+0.3
OVCH	Ovalle	0.49	51	iP	Pg		00 22 30.9	+0.9
OVCH	Ovalle	0.49	51	iP	Pg		00 22 25.2	-0.2
CMCH	Combarbala	0.61	115	iP	Pg		00 22 34.0	+0.4
CMCH	Combarbala	0.61	115	iP	Pg		00 22 34.0	+0.4
CMCH	comp=E, 4um, 0.2s			AML	AML			
CMCH	Combarbala	0.61	115	iP	Pg		00 22 25.2	-0.2
CMCH	Combarbala	0.61	115	iP	Pg		00 22 34.0	+0.4
TLL	Tololo Astrono	1.04	44	iP	Pb		00 22 32.3	-1.0
TLL	Tololo Astrono	1.04	44	iP	Pb		00 22 46.4	-0.3
TLL	Tololo Astrono	1.04	44	iP	Pb		00 22 32.3	-1.0
TLL	Tololo Astrono	1.04	44	iP	Pb		00 22 46.4	-0.3
TLL	comp=N, 439nm, 0.4s			AML	AML			
LSCB	La Serena	1.07	19	iP	Pb		00 22 32.4	-1.2
PTCH	Petorca	1.47	156	iP	Pn		00 22 38.5	-1.0
PTCH	Petorca	1.47	156	iP	Pn		00 22 57.2	-1.3
PTCH	comp=N, 1.1um, 0.3s			AML	AML			
PTCH	Petorca	1.47	156	iP	Pn		00 22 38.5	-1.0
PTCH	Petorca	1.47	156	iP	Pn		00 22 57.2	-1.3
PACH	Papudo	1.62	174	iP	Pn		00 22 39.9	-1.6
ZON	Zonda	2.62	105	eP	Pn		00 22 57.5	+2.3
CLCH	Cerro Calan	2.64	159	eP	Pn		00 22 56.5	+0.9
CLCH	Cerro Calan	2.64	159	eP	Pn		00 23 30.9	+3.6
CLCH	Cerro Calan	2.64	159	eP	Pn		00 23 37.5	
CLCH	comp=N, 199nm, 0.5s			AML	AML			
FCH	Farellones	2.66	155	eP	Pn		00 22 57.7	+1.9
FCH	Farellones	2.66	155	eP	Pn		00 23 31.4	+3.6
FCH	Farellones	2.66	155	eP	Pn		00 23 38.6	
FCH	comp=E, 108nm, 0.2s			AML	AML			

IDC 01 01:04:23.2:20.0, 4744N-15629E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.5/2.1, mb3mx3.6/3, Error ellipse: s-maj=650.3km s-min=39.3km az=64.0, East of Kuril Islands

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
MAR	Makanchi Array	48.54	298	eP	Pn		01 13 07.7	-0.3
WRA	Warramunga Arr	69.92	202	eP	Pn		01 15 35.7	-0.4
ASAR	Alice Springs	73.59	201	eP	Pn		01 15 58.5	+0.3
ASAR	Alice Springs	73.59	201	eP	Pn		01 15 58.5	+0.3
ASAR	comp=N, 199nm, 0.5s			AML	AML			
ASAR	Alice Springs	73.59	201	eP	Pn		01 15 58.5	+0.3
ASAR	Alice Springs	73.59	201	eP	Pn		01 15 58.5	+0.3
ASAR	comp=N, 199nm, 0.5s			AML	AML			
ASAR	Alice Springs	73.59	201	eP	Pn		01 15 58.5	+0.3
ASAR	Alice Springs	73.59	201	eP	Pn		01 15 58.5	+0.3
ASAR	comp=N, 199nm, 0.5s			AML	AML			
ASAR	Alice Springs	73.59	201	eP	Pn		01 15 58.5	+0.3
ASAR	Alice Springs	73.59	201	eP	Pn		01 15 58.5	+0.3
ASAR	comp=N, 199nm, 0.5s			AML	AML			
ASAR	Alice Springs	73.59	201	eP	Pn		01 15 58.5	+0.3
ASAR	Alice Springs	73.59	201	eP	Pn		01 15 58.5	+0.3
ASAR	comp=N, 199nm, 0.5s			AML	AML			
ASAR	Alice Springs	73.59	201	eP	Pn		01 15 58.5	+0.3
ASAR	Alice Springs	73.59	201	eP	Pn		01 15 58.5	+0.3
ASAR	comp=N, 199nm, 0.5s			AML	AML			
ASAR	Alice Springs	73.59	201	eP	Pn		01 15 58.5	+0.3
ASAR	Alice Springs	73.59	201	eP	Pn		01 15 58.5	+0.3
ASAR	comp=N, 199nm, 0.5s			AML	AML			
ASAR	Alice Springs	73.59	201	eP	Pn		01 15 58.5	+0.3
ASAR	Alice Springs	73.59	201	eP	Pn		01 15 58.5	+0.3
ASAR	comp=N, 199nm, 0.5s			AML	AML			
ASAR	Alice Springs	73.59	201	eP	Pn		01 15 58.5	+0.3
ASAR	Alice Springs	73.59	201	eP	Pn		01 15 58.5	+0.3
ASAR	comp=N, 199nm, 0.5s			AML	AML			
ASAR	Alice Springs	73.59	201	eP	Pn		01 15 58.5	+0.3
ASAR	Alice Springs	73.59	201	eP	Pn		01 15 58.5	+0.3
ASAR	comp=N, 199nm, 0.5s			AML	AML			
ASAR	Alice Springs	73.59	201	eP	Pn		01 15 58.5	+0.3
ASAR	Alice Springs	73.59	201	eP	Pn		01 15 58.5	+0.3
ASAR	comp=N, 199nm, 0.5s			AML	AML			
ASAR	Alice Springs	73.59	201	eP	Pn		01 15 58.5	+0.3
ASAR	Alice Springs	73.59	201	eP	Pn		01 15 58.5	+0.3
ASAR	comp=N, 199nm, 0.5s			AML	AML			
ASAR	Alice Springs	73.59	201	eP	Pn		01 15 58.5	+0.3
ASAR	Alice Springs	73.59	201	eP	Pn		01 15 58.5	+0.3
ASAR	comp=N, 199nm, 0.5s			AML	AML			
ASAR	Alice Springs	73.59	201	eP	Pn		01 15 58.5	+0.3
ASAR	Alice Springs	73.59	201	eP	Pn		01	

Table of astronomical observations for 1d and 2h periods. Columns include station name, coordinates, time, and magnitude. Stations listed include FIDES, HFS, HGF, HJ, etc.

Table of astronomical observations for 2006 DEC. Columns include station name, coordinates, time, and magnitude. Stations listed include TOR, LIC, LJC, etc.

Table of astronomical observations for 2006 DEC. Columns include station name, coordinates, time, and magnitude. Stations listed include ERM, ERN, ERJ, etc.

Table with columns: TVO, CFAA, CFAA, VNA2, VNA2, VNA2, VNA2. Includes station names like Taravao, Coronel Fontan, Neumayer-Watz and various technical parameters.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes station names like Stephens Creek, Alice Springs, Warramunga Arr.

ISC/B 01 02:25:30.4-5.5, 1966S-17521W, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.8/14, mbtmp4.0/3, Error ellipse: s-maj=198.6km s-min=89.1km az=146.0, Tonga Islands

ATH 01 02:26:37.3, 3547N-2340E, h6km, 3km, ML3.6, NEIC 01 02:26:37.5, 3550N-2341E, h4km, mb3.8/2, After ATH, CSEM 01 02:26:38.1-0.1, 3535N-2329E, h30km, mb3.8/2, Error ellipse: s-maj=2.0km s-min=1.4km az=40.0

IDC 01 02:26:40.2-2.4, 3542N-2336E, h45km, 28km, mb3.6/4, mb1 3.7/7, mb1mx3.4/21, mbtmp3.5/7, ML3.4/3, MS3.8/1, Ms1 3.8/1, ms1mx2.7/37, Error ellipse: s-maj=22.8km s-min=18.9km az=29.0

ISC 01 02:26:37.0-1.1, 3535N-005-2336E, h05, h6km, 7km, n53, r121/55, mb4.0/8, MS3.6/1, Crete

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes station names like VAMOS, GVD, KYTH, ANOVA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes station names like VLI, NP5, XRY, SANT, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes station names like ANTO, DIVS, BRTR, etc.

CSEM 01 02:37:02.1, 3558N-2360E, h10km, MD3.5/3, After ATH, ATH 01 02:37:02.1, 3558N-2360E, h10km, MD3.5/3, Crete

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes station names like KYTH, GVD, VLI, etc.

IDC 01 02:37:31.2-3.5, 1716S-1759W, h0km, mb4.2/4, mb1 4.3/4, mb1mx3.9/15, mbtmp4.2/4, Error ellipse: s-maj=152.2km s-min=73.5km az=158.0

NEIC 01 02:37:54.3-2.2, 1725S-17546E, h250km, mb3.9/4, 2D, Error ellipse: s-maj=94.2km s-min=36.0km az=150.0, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes station names like CTA, CTAO, STKA, etc.

Table with columns: ASAR, ASAR, ASPA, KAKA, FITZ, FITZ, BRVK. Includes station names like Alice Springs, Alice Springs, Alice Springs, etc.

IDC 01 02:54:37.0-1.0, 4707N-15589E, h0km, mb3.8/11, mb1 4.0/11, mb1mx3.9/21, mbtmp3.8/11, MS2.7/1, Ms1 2.7/1, ms1mx2.4/32, Error ellipse: s-maj=27.1km s-min=19.7km az=122.0

NEIC 01 02:54:38.0-5.6, 4706N-15584E, h10km, mb4.3/1, Error ellipse: s-maj=15.0km s-min=13.1km az=135.0, IJC/B 01 02:54:40.2-2.8, 4719N-008-1559E, 0.1, h32km, 19km, mb4.0/17, Error ellipse: s-maj=17.4km s-min=11.3km az=74.1

MOS 01 02:54:40.3-0.5, 4709N-15587E, h36km, mb4.4/9, Error ellipse: s-maj=18.6km s-min=11.3km az=103.1, ISC 01 02:54:42.6-1.6, 4722N-009-1559E, 0.1, h38km, 12km, n33, r073/34, mb4.0/17, AC-1D, East of Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes station names like SKR, SKR, SKR, SKR, etc.

YSS Yuzh-Sakhalins 9.00 2730 iPN Pn 02 56 50 +0.5 ASAJ Asahikawa 9.84 256 LR LR 03 00 28.3

YAK Yakutsk 21.02 324 eP pmax 02 59 24.1 +1.2 BILLS Bilibino 21.54 11 ePp P 02 59 28.5 0.0

KSRs Korea Array 22.78 255 P P 02 59 42.0 +0.3 TIXI Tiksi 27.59 342 iP P 03 00 22.0 -4.2

ULN Ulanbaatar 32.56 290 eP P 03 01 10.1 -0.1 SONM Songoing Array 33.00 290 P P 03 01 13.3 -0.7

COLA Colville 34.56 39 eP P 03 01 27.9 +0.3 INK Inuvik 40.21 33 P P 03 02 16.1 +0.7

ZAL Zalesovo 43.91 306 P P 03 02 45.4 -0.2 ZAL Zalesovo 43.91 306 P P 03 02 45.4 -0.2

MK31 Makanchi Array 48.43 298 eP P 03 03 21.3 +0.2 MKAR Makanchi Array 48.43 298 P P 03 03 21.6 +0.4

KURK Kurchatov 48.70 304 iP P 03 03 23.7 +0.5 YKA Yellowknife Arr 49.38 38 P P 03 03 29.4 +1.0

AAK Ala-Archa 55.34 297 eP P 03 04 12.4 -0.2 AAK Ala-Archa 55.34 297 eP P 03 04 12.3 -0.4

ARU Arti 55.96 318 iP P 03 04 17.4 +0.4 ARU Aru 56.96 202 P P 03 05 15.3 +0.4

ARCS ARCS Array B 58.03 342 P P 03 04 31.4 -0.3 ARCS ARCS Array B 58.03 342 P P 03 04 31.4 -0.3

FINES FINESS Array B 64.42 336 P P 03 05 15.3 +0.4 FINES FINESS Array B 64.42 336 P P 03 05 15.3 +0.4

WRA Warramunga Arr 69.62 202 P P 03 05 46.2 -1.8 AKASG Malin Array Be 72.21 328 P P 03 06 03.2 -0.5

ASAR Alice Springs 73.30 201 P P 03 06 09.7 -0.5 ASAR Alice Springs 73.30 201 P P 03 06 09.7 -0.5

IDC 01 03:08:24.5-1.6, 4761N-15430E, h0km, mb3.8/8, mb1 4.1/8, mb1mx3.8/23, mbtmp3.8/8, MS2.8/1, Ms1 2.8/1, ms1mx1.8/37, Error ellipse: s-maj=52.8km s-min=23.7km az=167.0

NEIC 01 03:08:24.2-2.1, 4731N-15409E, h10km, mb4.1/1, Error ellipse: s-maj=61.8km s-min=19.0km az=184.0, MOS 03:08:27.7-1.2, 4720N-15409E, h37km, mb4.1/5, Error ellipse: s-maj=57.6km s-min=23.4km az=78.6

ISC/B 01 03:08:29.3-3.2, 4771N-02-1542E, 0.2, h46km, 25km, mb3.8/9, Error ellipse: s-maj=33.9km s-min=17.0km az=115.1, ISC 01 03:08:31.4-3.0, 4771N-02-1542E, 0.2, h50km, 23km, n15, r058/16, mb3.8/9, Kuril Islands

SKR Severo-Kuril's 3.24 22 eP Sn 03 09 58.0 +0.9 SKR Severo-Kuril's 3.24 22 eP Sn 03 09 58.0 +0.9

SKRS Korea Array 21.78 252 P P 03 13 19.9 +1.0 KSRs Korea Array 21.78 252 P P 03 13 19.9 +1.0

INX Inuvik 40.46 33 P P 03 16 05.7 +0.7 INK Inuvik 40.46 33 P P 03 16 05.7 +0.7

YKA Yellowknife Arr 49.73 37 P P 03 17 18.6 +0.1 YKA Yellowknife Arr 49.73 37 P P 03 17 18.6 +0.1

BRVK Borovoye 50.86 309 eP P 03 17 25.7 -1.4 BRVK Borovoye 50.86 309 eP P 03 17 25.7 -1.4

BRVK Borovoye 50.86 309 eP P 03 17 25.7 -1.4 NVAR Mina Array Bea 61.35 63 P P 03 18 41.6 -0.4

FINES FINESS Array B 63.49 335 P P 03 18 55.4 -0.9 PDAR Pinedale Array 63.60 55 P P 03 18 57.7 +0.7

TXAR Lajitas Array 76.39 61 P P 03 20 14.7 -0.7 TXAR Lajitas Array 76.39 61 P P 03 20 14.7 -0.7

Table with columns: TXAR, BRTR, BRTR, BRTR. Includes station names like Lajitas Array, Keskin Array B, Keskin Array B, etc.

IDC 01 03:55:10.0-17.0, 4504N-15423E, h0km, mb4.0/6, mb1 4.0/6, mb1mx3.7/22, mbtmp4.0/6, Error ellipse: s-maj=395.0km s-min=71.9km az=153.0

MOS 01 03:55:31.6-2.9, 4709N-15116E, h40km, mb4.2/5, Error ellipse: s-maj=42.6km s-min=27.0km az=78.0, ISC 01 03:55:12.6-16.0, 45N-2154E, h10km, n12, r0821/12, mb4.0/5, East of Kuril Islands

KUR Kuril'sk 4.43 272 ePn Pmax 03 56 14.0 -5.8 MKAR Makanchi Array 48.28 299 P P 04 03 53.9 0.0

ARCS ARCS Array B 59.50 341 P P 04 05 15.9 +0.1 ARCS ARCS Array B 59.50 341 P P 04 05 15.9 +0.1

FINES FINESS Array B 65.70 335 P P 04 05 57.1 -0.2 NOA NORAS Array B 69.87 342 P P 04 06 24.0 +0.4

HFS Hagfors 70.11 340 P P 04 06 24.8 -0.2 HFS Hagfors 70.11 340 P P 04 06 24.8 -0.2

AKASG Malin Array Be 73.19 327 P P 04 06 43.5 -0.1 AKASG Malin Array Be 73.19 327 P P 04 06 43.5 -0.1

IDC 01 03:56:03.6-2.2, 3716N-6937E, h0km, mb3.7/3, mb1 3.9/7, mb1mx3.6/24, mbtmp3.7/7, ML3.7/4, Error ellipse: s-maj=43.5km s-min=25.2km az=141.0

ISC/B 01 03:56:10.9-1.8, 3776N-007-690E, 0.2, h36km, 23km, mb3.6/3, Error ellipse: s-maj=25.3km s-min=11.1km az=9.6, ISC 01 03:56:13.1-1.4, 3776N-007-690E, 0.2, h44km, 21km, n18, r087/19, mb3.6/3, Afghanistan-Tajikistan border region

CEP Cherat 4.61 148 P P 03 57 20.0 +1.1 CEP Cherat 4.61 148 P P 03 57 20.0 +1.1

CHCP Chirah Chowk 5.93 138 P P 03 57 20.2 -1.1 THCP Thamee Wadin 5.46 154 P P 03 57 31.8 0.0

SBD Sheikh Budin 5.66 164 P P 03 57 42.7 +8.2 AML Almayashu 5.69 38 P P 03 57 35.2 +0.2

UCH Uchtor SNR=11 6.17 42 P Pn 03 57 41.8 +0.2 UCH Uchtor SNR=11 6.17 42 P Pn 03 57 41.8 +0.2

KZA Kyzart SNR=12 6.48 46 P Pn 03 57 45.3 -0.5 KBK Karagaybulak 6.70 41 P Pn 03 57 49.0 +0.1

CHMS Chumysh SNR=10 6.85 38 P Pn 03 57 51.0 0.0 TKM2 Tokmak 2 7.23 42 P Pn 03 57 55.4 -0.7

MKAR Makanchi Array 13.36 43 Pn 03 59 15.9 -4.1 AKTO Aktubinsk 14.88 332 P Pn 03 59 40.6 0.0

BVAR Borovoye Array 15.30 3 Pn 03 59 45.7 -1.3 ZAL Zalesovo 19.51 29 P 04 00 36.7 -0.7

ARCS ARCS Array B 39.36 338 P P 04 03 39.5 +1.4 TORD Torod Arr. Bea 64.13 267 P P 04 06 41.9 -0.9

YKA Yellowknife Arr 80.05 2 P P 04 08 18.6 +0.6 ISC/B 01 03:56:32.5-0.7, 6292S-008-1461E, 0.6, h10km, mb4.7/7, MS5.4/3, Error ellipse: s-maj=40.9km s-min=8.9km az=159.2

IDC 01 03:56:32.6-1.3, 6303S-14548E, h0km, mb4.8/4, mb1 4.9/5, mb1mx4.6/11, mbtmp4.8/5, ML5.0/1, MS5.1/4, Ms1 5.0/4, ms1mx4.3/20, Error ellipse: s-maj=62.6km s-min=27.3km az=76.0

NEIC 01 03:56:34.1-0.6, 6292S-14606E, h10km, mb4.6/4, Error ellipse: s-maj=39.9km s-min=10.6km az=78.0, ISC 01 03:56:33.9-0.7, 6294S-008-1461E, 0.6, h10km, n25, r121/19, mb4.7/7, MS5.4/3, South of Australia

VNDA Vanda 15.47 167 Pn Sn 04 00 11.0 -1.1 VNDA Vanda 15.47 167 Pn Sn 04 00 11.0 -1.1

VNDA Vanda 15.47 167 Pn Sn 04 00 11.0 -1.1 VNDA Vanda 15.47 167 Pn Sn 04 00 11.0 -1.1

SBA Scott Base 16.31 165 eP Pn 04 00 21.9 -1.1 GSPA South Pole Qui 27.14 180 eP P 04 02 20.3 +3.1

STKA Stephens Creek 31.21 353 P P 04 02 54.6 +1.2 NWAO Narrogin (SRO) 35.13 315 P P 04 03 26.2 -1.3

ASAR Alice Springs 40.11 342 P P 04 04 09.8 +0.1 AS31 Alice Springs 40.11 342 eP P 04 04 09.4 -0.3

CTAO Charters Tower 42.82 0 eP P 04 04 32.9 +1.0 WB2 Warramunga Arr 43.72 344 eP P 04 04 38.6 -0.6

WRA Warramunga Arr 43.72 344 P P 04 04 38.3 -1.0 WRA Warramunga Arr 43.72 344 P P 04 04 38.3 -1.0

WRA Warramunga Arr 43.72 344 P P 04 04 38.3 -1.0 WRA Warramunga Arr 43.72 344 P P 04 04 38.3 -1.0

WRA Warramunga Arr 43.72 344 P P 04 04 38.3 -1.0 WRA Warramunga Arr 43.72 344 P P 04 04 38.3 -1.0

2006 DEC

Table with columns: ICAO, Name, Frequency, Mode, Power, and Time. Includes stations like Mukalla, Alibek, Zalesovo, Charters Tower, Novosibirsk, and Stephens Creek.

Table with columns: ICAO, Name, Frequency, Mode, Power, and Time. Includes stations like Hajj, Arta Tunnel, Akbulak array, Yuzh-Sakhalins, Yuzh-Kuril'sk, Baghdad, and Furi.

Table with columns: ICAO, Name, Frequency, Mode, Power, and Time. Includes stations like Sverdlovsk, Riverview, Van, Honiara, Klimba Mboogo, Hanur-Agry, and Erzurum.

Table of astronomical observations for 1d 3h, listing stations like LPG, LPG, LPG, etc., and their coordinates and observation times.

Table of astronomical observations for 2006 DEC, listing stations like VIVF, VIVF, VIVF, etc., and their coordinates and observation times.

Table of astronomical observations for 2006 DEC, listing stations like ALE, FLN, FLN, etc., and their coordinates and observation times.

SIUC	ePKPdf	PKPdf	04 17 23.3 +0.6	
SIUC	ePKPdf	pPKPdf	04 18 16.8 +0.8	
SIUC	eSKPbc	SKPbc	04 20 36.1 -1.4	
CAM4	Nova Friburgo	138.37 240	eP	04 17 15.9
CAM4			PKIKP	04 17 24.8 -0.2
CAM4			i	04 17 23.4 -0.2
CAM4			i	04 18 19.5
CAM4			i	04 19 09.6
CBN	Corbin	138.45 356	ePKPdf	04 17 24.7 +1.8
CBN			eSKPbc	04 20 37.0 -0.8
WMOK	Wichita Mounta	138.47 22	ePKHKP	04 17 13.4
WMOK			ePKHKP	04 17 13.4
WMOK	Wichita Mounta	138.47 22	ePKPdf	04 17 22.9 0.0
WMOK			eSKPbc	04 20 36.2 -1.7
FWV	Forest Hill	139.20 360	ePKPdf	04 17 24.8 +0.5
FWV			ePKPdf	04 20 46.5 +3.0
FWV			eSKPbc	04 20 48.3 -1.1
ELN	Prospectdale	139.55 360	ePKPdf	04 17 16.6
ELN			ePKPdf	04 17 26.1 +1.2
ELN			ePKPdf	04 18 18.8 +0.6
ELN			eSKPbc	04 20 39.2 -0.8
ELN			eSKPbc	04 20 45.5 -1.1
BLA	Blacksburg	139.57 359	ePKPdf	04 17 25.2 +0.3
BLA			eSKPbc	04 20 39.8 -0.2
BLA			eSKPbc	04 20 52.9
WWT	Waverly	140.12 9	ePKHKP	04 17 17.0
WWT			ePKHKP	04 17 16.9
WWT	Waverly	140.12 9	ePKPpre	04 17 23.9 -2.1
WWT			eSKPbc	04 20 41.5 +0.5
TZTN	Tazewell	140.16 3	ePKPpre	04 17 17.5
TZTN			ePKPdf	04 17 27.1 +1.1
TZTN			eSKPbc	04 20 42.7 +0.2
MIAR	Mount Ida	140.38 17	ePKPpre	04 17 19.1
MIAR			eSKPbc	04 20 42.2 -0.9
LPIG	La Paz	140.40 45	eSKPbc	04 20 41.9 -1.2
UJAR	University of	140.50 15	ePKPpre	04 17 20.2
UJAR			eSKPbc	04 20 42.1 +0.5
UJAR			eSKPbc	04 20 54.4
LTX	Lajitas	140.78 32	ePKPdf	04 17 24.6 -2.5
LTX			eSKPbc	04 20 44.2 +0.1
LTX			eSKPbc	04 20 43.8 -1.0
PLAL	Tuckaleechee C	141.03 4	ePKPpre	04 17 20.4
PLAL			ePKPdf	04 17 28.7 +0.8
PLAL			eSKPbc	04 20 42.9 0.0
CNNC	Cliffs of the	141.43 356	ePKPdf	04 17 26.8 -1.5
CNNC			ePKPdf	04 18 24.7 +3.1
CNNC			eSKPbc	04 20 45.2 -0.6
MYNC	Murphy	141.58 4	ePKPdf	04 17 24.2 -4.4
MYNC			eSKPbc	04 20 45.3 -0.9
JCT	Junction City	141.75 27	ePKPpre	04 17 24.1
JCT			ePKPdf	04 17 30.2 +1.3
JCT			eSKPbc	04 17 26.8
JSC	Jenkinsville	142.49 1	ePKPpre	04 17 31.1 +0.8
JSC			ePKPdf	04 18 25.8 +2.2
JSC			eSKPbc	04 20 47.6 -0.8
NATX	Nacogdoches	142.63 20	ePKPdf	04 17 22.1 -2.5
NATX			eSKPbc	04 20 48.8 -0.2
LRLAL	Lakeview Retre	143.28 9	ePKPdf	04 17 29.0 -2.6
LRLAL			eSKPbc	04 20 49.1 -1.3
GOGA	Godfrey	143.28 4	ePKIKP	04 17 29.9 -1.7
GOGA			ePKIKP	04 20 49.9
COW	Cow Castle Cre	143.39 360	ePKPdf	04 17 31.0 -0.6
COW			eSKPbc	04 20 50.1 -0.5
NHSC	New Hope	143.66 359	ePKPdf	04 17 32.2 -0.1
NHSC			eSKPbc	04 20 50.6 -0.6
HKT	Hockley	143.86 22	ePKIKP	04 17 31.5 -1.1
HKT			ePKIKP	04 20 51.1
RPN	Rapa Nui	144.02 134	ePKPdf	04 17 33.5 +0.5
RPN			eSKPbc	04 20 53.7 +1.6
KVXT	Kingsville	145.11 27	ePKPbc	04 17 37.7 +2.9
KVXT			ePKPdf	04 18 29.4 +1.2
KVXT			eSKPbc	04 20 55.0 +0.3
BRAL	Brewton	145.25 9	eSKPbc	04 17 36.0 +0.3
BRAL			ePKPdf	04 21 11.1 +1.6
CJM	Chamela	147.09 45	ePKPdf	04 17 42.2 +4.0
SFJM	Santa Fe	147.79 42	iP	04 17 41.5 +2.2
DWPF	Disney	148.64 1	ePKPbc	04 17 45.4 +0.7
CFAA	Coronel Fontan	149.55 202	PKP	04 17 43.0 +0.9
CFAA			PKPbc	04 17 48.0 +1.1
CFAA	baz=172,slow=4.2		pPKPbc	04 18 40.8 +1.0
CFAA	comp=Z,46nm,0.7s,ba=159,slow=3.5,SNR=10.0		SKPbc	04 21 04.3 -0.1
PTVM	Pico Tres Padr	150.94 37	iP	04 17 46.5 +2.1
PLIG	Platanillo	151.60 40	eP	04 17 47.7 +2.4
MGG	Marie-Galante	152.72 315	eP	04 17 55.6 +1.4
BZG	Guadaloupe-1	152.86 316	eP	04 17 56.1 +1.3
TBG	Guadaloupe-3	152.99 316	eP	04 17 55.4 +0.5
MTP	Monte Pirata	153.81 325	ePKPbc	04 17 57.3 +0.7
MTP			ePKPbc	04 18 12.1 +1.7
SOR	Soroa	153.86 4	ePKPdf	04 17 50.8 +2.2
CPD	Cerro la Pandu	154.06 326	PKIKP	04 17 53.9 +1.6
CPD			PKPbc	04 18 12.8
OXX	Oaxaca	154.31 37	ePKPdf	04 17 53.0 +3.7
TEIG	Tepich	155.40 17	eP	04 17 48.5 -2.2
TEIG			ePKPdf	04 17 53.0 +2.2
TEIG			iP	04 18 17.0 0.0
TEIG			ePKPab	04 18 17.9 +0.7
HUG	Huatulco	155.70 38	eP	04 17 53.4 +2.3
SIV	San Ignacio	156.85 236	PKP	04 17 53.5 +0.9
SIV	comp=Z,9.8nm,0.5s,ba=118,slow=5.9,SNR=13		PKPab	04 18 24.5 +1.0
SIV	comp=Z,12nm,1.0s,ba=120,slow=5.9,SNR=13		PP	04 22 03.8 +1.3
SAML	Samuel	161.57 252	ePKPdf	04 17 59.4 +1.2
SAML			ePKPab	04 18 44.9 +0.9
LPAZ	La Paz	162.10 224	PKP	04 18 00.8 +2.1
LPAZ	comp=Z,26nm,0.9s,ba=148,slow=9.3,SNR=69		PKPab	04 18 47.7 +1.4
LPAZ	comp=Z,17nm,0.6s,ba=106,slow=3.8,SNR=16		PKPbc	04 18 00.8 +2.2
LPAZ			PKPbc	04 18 47.7
LPAZ	comp=Z,26nm,1.0s		PKPbc	04 18 00.8 +2.1
LPAZ	La Paz	162.10 224	ePKPdf	04 18 00.8 +2.1
LPAZ			eSKPbc	04 21 11.7 +0.8
SDV	Santo Domingo	164.06 320	PKPab	04 18 55.7 +0.8
SDV	comp=Z,68nm,0.8s,ba=65,slow=3.8,SNR=6.5		PP	04 22 40.3 -0.9
SDV	comp=Z,39nm,1.1s,ba=37,slow=6.3,SNR=5.6		PKPbc	04 18 01.5 +1.0
SDV	Santo Domingo	164.06 320	ePKPdf	04 18 55.7 +0.8
SDV			ePKPab	04 18 56.1 +1.1
SDV			PP	04 22 39.9 -1.2
SDV			PP	04 22 40.3 -0.9
ARE	Arequipa	164.09 215	ePKIKP	04 18 03.0 +2.5
ROSC	El Rosal	169.48 321	PKP	04 18 07.1 +2.5
ROSC	comp=Z,34nm,0.9s,ba=88,slow=3.4,SNR=31		pPKP	04 19 00.8 +2.6
ROSC	comp=Z,81nm,1.1s,ba=166,slow=2.6,SNR=7		PKPab	04 19 20.2 +1.2
ROSC	comp=Z,31nm,0.6s,ba=98,slow=9.3,SNR=9.8		PP	04 23 09.5 +0.5
ROSC	comp=Z,41nm,1.1s,ba=74,slow=9.1,SNR=4.8		ePKPbc	04 18 06.4 +1.8
ROSC	El Rosal	169.48 321	ePKPdf	04 18 59.7 +1.4
ROSC			ePKPab	04 19 21.3 +2.4
ROSC			ePKPab	04 23 09.3 +0.4
PAYG	Puerto Ayora	170.22 74	ePKPdf	04 18 07.0 +1.9
PAYG			ePKPab	04 19 23.1 +0.9
NNA	Nana	170.60 205	PKP	04 18 07.0 +1.7
NNA	comp=Z,20nm,0.8s,ba=265,slow=2.8,SNR=7.5		pPKP	04 19 00.3 +1.4
NNA	comp=Z,40nm,1.0s,ba=295,slow=0.4,SNR=5.3		PKPbc	04 18 07.0 +1.8
NNA			ePKPbc	04 18 59.2 +0.3
OTAV	Otavalo	175.62 326	ePKPbc	04 18 08.5 +1.3
OTAV			ePKPbc	04 19 02.2 +1.3
OTAV			ePKPbc	04 19 49.4 +3.2
ATAH	Atahualpa	175.67 215	PKP	04 18 09.5 +2.3
ATAH	comp=Z,22nm,1.0s,ba=280,slow=2.2,SNR=29		pPKP	04 19 03.2 +2.3

TRN 01 04:58:17.5, 1795N-6078W, h11km, MD3.9, M3.6(FDF)
ISC/JB 01 04:58:21.2, 1.9, 180N.01:609W.01, h86km, 23km, Error
ellipse: s-maj=25.0km s-min=11.0km az=84.0
RSPR 01 04:58:27.5, 2049N-6187W, h25km, 59km
ISC 01 04:58:22.3, 1.9, 179N.01:609W.01, h87km, 21km, n14,
c114/17, 4C, Leeward Islands

Code	Station Name	Δ° AZ°	Op	Phase ID	Time Res	h m s	ISC
CPB	Codrington	0.94 252	eP	ISC	05 48 39.4	-1.7	P
CPB	Codrington	0.94 252	eP	ISC	05 48 56.5	+5.4	P
CPB			eS	ISC	05 48 56.8	+1.7	P
BPA	Boggy Peak	1.28 226	eP	ISC	05 48 43.8	-1.4	P
BPA			eS	ISC	05 49 01.0	-1.3	P
DEG	La Desirade	1.62 186	eP	ISC	05 48 47.9	-1.6	P
LCG	Guadaloupe-1	1.98 205	eP	ISC	05 48 54.0	-0.1	P
SCG	Saint Claude	2.04 202	eP	ISC	05 48 55.6	+0.6	P
SCG			eS	ISC	05 49 21.4	+1.5	P
TBG	Guadaloupe-3	2.19 199	eP	ISC	05 48 57.3	+0.3	P
MTP	Monte Pirata	4.44 273	eP	ISC	05 49 20.0	+0.8	P
MTP	Monte Pirata	4.44 273	eP	ISC	05 00 17.7	+0.1	P
HUMP	Col San Antoni	4.72 273	eP	ISC	05 49 31.7	+0.6	P
HUMP	Col San Antoni	4.72 273	eS	ISC	05 00 22.4	-2.1	P
CBYV	Canovanas	4.73 275	eP	ISC	05 49 31.7	+0.5	P
CBYV	Canovanas	4.73 275	eS	ISC	05 00 19.8	-5.2	P
CRPR	Cabo Rojo, PR	5.92 272	eP	ISC	05 49 48.2	+0.8	P

ISC/JB 01 05:08:22.4, 0.7, 346S.01:554E.02, h10km, mb4.1/6,
Error ellipse: s-maj=26.2km s-min=16.2km az=105.3
IDC 01 05:08:22.3, 1.0, 3466S-5538E, h0km, mb3.9/4, mb1.4 0/0.5,
mb1mx3.7/20, mbmp3.9/5, ML4.1/1, Error ellipse:
s-maj=39.5km s-min=25.5km az=31.0
NEIC 01 05:08:24.2, 0.5, 3454S-5545E, h10km, mb4.4/3, Error
ellipse: s-maj=20.5km s-min=12.7km az=53.0
ISC 01 05:08:24.4, 0.7, 346S.01:554E.02, h10km, n10, c0E/49/9,
mb4.1/6, Southwest Indian Ridge

Code	Station Name	Δ° AZ°	Op	Phase ID	Time Res	h m s	ISC
OPO	Ambohivotompo	17.58 333	P	ISC	05 12 30.0	+0.5	P
SNAAS	Sanae	47.62 201	eP	ISC	05 16 59.5	-1.1	P
SNAAS	Sanae	47.62 201	eP	ISC	05 17 01.1	+0.6	P
QSPA	South Pole Qui	55.50 180	eP	ISC	05 18 00.7	+0.8	P
ASAR	Alice Springs	67.90 104	P	ISC	05 19 23.1	-0.1	P
TOAO	Torodi Ari. Sit	69.64 303	eP	ISC	05 19 33.5	-0.5	P
WARD	Warramunga Arr	70.10 101	P	ISC	05 19 38.7	-0.2	P
WRAB	Tennant Creek	70.11 101	eP	ISC	05 19 36.9	0.0	P
INK	Inuvik	145.90 6	PKPbc	PKPbc	05 28 01.8	-2.3	P

GUC 01 05:47:49.8, 0.9, 3127S-6801W, h5km, MD4.1, ML3.2,
1C-1D, San Juan Province

Code	Station Name	Δ° AZ°	Op	Phase ID	Time Res	h m s	ISC
ZON	Zonda	0.63 244	iP	ISC	05 48 01.1	-0.8	P
TLL	Tololo Astrono	2.65 294	eP	ISC	05 48 34.4	+1.3	P
TLL			iS	ISC	05 49 09.3	+3.7	P
FCH	Farellones	2.81 223	eP	ISC	05 49 24.6		P
PEL	Peldehue	2.93 230	eP	ISC	05 49 37.8	+0.8	P
PEL			iS	ISC	05 49 15.1	+2.4	P
PEL			AML	ISC	05 49 15.7		P
CLCH	Cerro Calan	3.01 225	eP	ISC	05 48 39.2	+1.1	P
CLCH			iS	ISC	05 49 12.7	+2.7	P
CLCH			AML	ISC	05 49 26.1		P

ISC/JB 01 05:51:26.4, 0.5, 4698N-006:15575E-009, h10km,
mb4.3/27, Error ellipse: s-maj=11.1km s-min=6.1km
az=86.5
IDC 01 05:51:27.3, 0.7, 4706N:15583E, h0km, mb4.0/16,
mb1.4 2/17, mb1mx4.1/26, mbmp4.0/17, ML3.5/1, MS3.3/1,
Ms1 3.3/1, ms1mx3.0/32, Error ellipse: s-maj=20.7km,
s-min=15.2km az=159.0
NEIC 01 05:51:28.2, 0.5, 4701N:15570E, h10km, mb4.6/4, Error
ellipse: s-maj=11.0km s-min=7.3km az=142.0
MOS 01 05:51:30.5, 1.6, 4697N:15567E, h43km, mb4.4/15, Error
ellipse: s-maj=11.6km s-min=8.9km az=90.0
BJJ 01 05:51:32.5, 4724N:15472E, h5km, mb4.8, mb4.7, Ms4.4,
Ms2.4

Code	Station Name	Δ° AZ°	Op	Phase ID	Time Res	h m s	ISC
SKR	Severo-Kuril's	3.71 4	eP	ISC	05 52 26.5	+1.0	P
SKR			smax	ISC	05 52 06.0	-6.7	P
SKR			smax	ISC	05 52 52.0	-1.7	P
KUR	Kuril'sk	5.75 255	eP	ISC	05 52 59.6	-1.9	P
PET	Petrovavlovsk	6.33 16	eP	ISC	05 52 59.6	-1.9	P
PET			smax	ISC	05 52 59.6	-1.9	P
PET			smax	ISC	05 52 59.6	-1.9	P
PET			smax	ISC	05 54 14.7	+0.8	P
YSS	Yuzh-Sakhalins	8.89 275	eP	ISC	05 53 40.8	+4.1	P
YSS			smax	ISC			

1d 9h

S05C	Merced	72.66	42	↑P	P	09 34 56.9 +0.5
KHMM	Horse Mountain	72.67	38	eP	P	09 34 56.9 +0.4
MURFC	Murieta	72.70	47	↓P	P	09 34 56.8 +0.2
BFSC	Mount Baldy St	72.72	46	↓P	P	09 34 56.6 -0.2
RCTC	Rector, Farmer	72.78	44	↑P	P	09 34 56.6 -0.5
R04C	Big Horse Ranc	72.80	41	↓P	P	09 34 57.1 -0.1
O02C	Red Bluff	72.80	39	P	P	09 34 58.3 +1.0
EDWZ	Edwards Air Fo	72.84	46	P	P	09 34 57.4 -0.1
SUTB	Sutter Butte	72.84	40	↑P	P	09 34 57.5 0.0
Q04C	Lincoln	72.86	41	↓P	P	09 34 57.7 +0.1
T06C	Millerton Lake	72.87	43	P	P	09 34 57.4 -0.2
MONP	Monument Peak	72.88	48	↓P	P	09 34 57.8 +0.1
N02C	Big Bar	72.89	38	↑P	P	09 34 58.3 +0.5
ISA	Isabella	72.94	45	eP	P	09 34 58.0 0.0
ISA	Isabella	72.94	45	eP	P	09 34 58.1 +0.1
DVTC	Desert V Tower	72.99	48	↓P	P	09 34 58.5 +0.1
CMB	Columbia Colle	73.02	42	eP	P	09 34 58.3 -0.2
CMB	Columbia Colle	73.02	42	eP	P	09 34 58.3 -0.2
CMB	Columbia Colle	73.02	42	eP	P	09 34 58.4 -0.1
YSS	Yuzh-Sakhalins	73.03	331f	eP	P	09 34 59.2 +0.6
YSS	Yuzh-Sakhalins	73.03	331f	eP	P	09 34 59.2 +0.6
YSS	Yuzh-Sakhalins	73.03	331f	eP	P	09 34 58.0 -0.6
OHCM	Honcut	73.09	40	eP	P	09 34 58.7 -0.3
HELL	Mitchell Peak	73.13	43	eP	P	09 34 58.8 -0.4
O03C	Acorn Hollow	73.15	39	↑P	P	09 34 59.3 -0.1
WDC	Whiskeytown Da	73.20	38	eP	P	09 34 59.6 0.0
WDC	Whiskeytown Da	73.20	38	eP	P	09 34 59.6 0.0
WDC	Whiskeytown Da	73.20	38	eP	P	09 35 26.4 +1.0
WDC	Whiskeytown Da	73.20	38	eP	P	09 34 59.7 +0.1
ORV	Oroville	73.21	40	P	P	09 34 59.1 -0.6
LAVA	Lava Cap Winer	73.22	41	↓P	P	09 34 59.5 -0.2
PFO	Pinyon Flat Ob	73.23	47	↑P	P	09 34 59.5 -0.3
BBRC	Big Bear Sol-O	73.25	47	↓P	P	09 34 59.3 -0.6
KCC	Kaiser Creek	73.30	43	P	P	09 35 00.3 +0.1
SWSC	Sam W. Stewart	73.36	48	↓P	P	09 35 00.2 -0.3
LRMC	Laurel Mountai	73.37	45	P	P	09 35 01.0 +0.4
M02C	Callahan	73.52	38	↓P	P	09 35 01.7 +0.2
L02A	Cave Junction	73.56	37	↑P	P	09 35 02.3 +0.6
R05C	Kirkwood Meado	73.61	41	P	P	09 35 02.0 0.0
P05C	Yuba Gap, Truc	73.62	40	↑P	P	09 35 02.2 +0.2
CWC	Cottonwood Cre	73.63	44	↑P	P	09 35 02.2 0.0
BELC	Belle Mtn.	73.76	47	P	P	09 35 02.9 +0.1
MLAC	Mammoth Lakes	73.79	43	↑P	P	09 35 03.6 +0.5
YBH	Yreka Blue Hor	73.81	37	eP	P	09 35 03.5 +0.3
YBH	Yreka Blue Hor	73.81	37	eP	P	09 35 03.5 +0.3
YBH	Yreka Blue Hor	73.81	37	eP	P	09 35 03.7 +0.5
YBH	Yreka Blue Hor	73.81	37	eP	P	09 35 03.7 +0.5
MTUM	Tungsten Hills	73.81	43	eP	P	09 35 03.1 -0.1
O05C	Quincy	73.82	40	↑P	P	09 35 03.4 +0.2
MPMC	Manual Prospec	73.82	45	P	P	09 35 03.9 +0.6
DAC	Darwin (Calif)	73.87	44	eP	P	09 35 03.5 0.0
TIN	Tinemaha	73.87	44	↓P	P	09 35 04.1 +0.6
M03C	McCloud	73.88	38	P	P	09 35 04.0 +0.4
GSC	Goldene	73.88	46	eP	P	09 35 03.6 0.0
GSC	Goldstone	73.88	46	P	P	09 35 03.8 +0.2
WAKR	Walker	73.90	42	eP	P	09 35 03.9 +0.2
R06C	Coleville	73.90	42	eP	P	09 35 04.3 +0.6
R07C	Lee Vining	73.91	42	P	P	09 35 04.1 +0.3
O04C	Chester	73.93	39	P	P	09 35 04.4 +0.5
HEC	Hector,Ludlow	73.96	46	P	P	09 35 03.8 -0.2
BC3	Big Chuck Mtn	73.97	48	↓P	P	09 35 04.2 +0.1
HATC	Hat Creek Radi	74.00	39	P	P	09 35 04.9 +0.6
K02A	Glendale	74.01	36	↑P	P	09 35 04.6 +0.2
BEK	Beckwourth	74.11	40	P	P	09 35 05.3 +0.4
GLA	Glamis	74.11	49	P	P	09 35 05.5 +0.6
GLA	Glamis	74.11	49	P	P	09 35 05.5 +0.6
HUM	Washoe City	74.16	41	P	P	09 35 05.6 +0.4
WCN	Hull Mountain	74.21	37	eP	P	09 35 05.6 +0.1
HUMO	Hull Mountain	74.21	37	P	P	09 35 06.3 +0.8
P06A	Stead Airport	74.28	41	P	P	09 35 06.6 +0.7
ELFS	Eagle Lake Fie	74.32	39	P	P	09 35 06.9 +0.7
J02A	Umpqua	74.34	36	↓P	P	09 35 06.7 +0.4
M04C	Macdoel	74.36	38	P	P	09 35 06.5 +0.2
GMRC	C Granite Mounta	74.40	47	P	P	09 35 06.6 0.0
GRAC	Grapevine Rang	74.41	44	P	P	09 35 07.0 +0.4
IRM	Iron Mountain	74.44	47	P	P	09 35 07.0 +0.1
FURC	Furnace Creek	74.47	45	P	P	09 35 07.2 +0.2
M05C	Lookout	74.51	39	P	P	09 35 07.4 +0.2
Q07A	Schurz	74.55	42	↑P	P	09 35 07.4 0.0
SHOC	Shoshone	74.56	45	P	P	09 35 07.5 +0.1
TUQ	Turquoise Mtn.	74.56	46	P	P	09 35 07.9 +0.4
L04A	Klamath Falls	74.56	37	P	P	09 35 08.1 +0.5
NVAR	Mina Array Bea	74.59	42	P	P	09 35 07.8 +0.1
I02A	Mapleton	74.60	35	↓P	P	09 35 08.8 +1.0
O06A	Flanigan	74.61	40	P	P	09 35 07.9 +0.1
R08A	Mina	74.67	42	P	P	09 35 08.7 +0.5
Y12C	Blythe	74.68	48	P	P	09 35 08.6 +0.4
U10A	Ash Meadows, A	74.80	45	P	P	09 35 09.6 +0.6
M06C	Likely Place G	74.83	39	P	P	09 35 09.7 +0.7

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P07A	Fallon	74.84	41	↑P	P	09 35 09.6 +0.4
KDAK	Kodiak Island	74.86	12	LR	LR	10 00 44.8
S09A	Goldfield	74.91	43	P	P	09 35 09.3 -0.2
K04A	Chilquín	74.93	37	↓P	P	09 35 10.0 +0.4
N06A	Buffalo Meadow	74.95	40	P	P	09 35 10.2 +0.4
Q08A	Gabbs	75.07	42	P	P	09 35 10.4 0.0
J04A	Umpqua Nationa	75.09	37	P	P	09 35 11.3 +0.7
TPH	Tonopah	75.10	43	eP	P	09 35 11.2 +0.6
TPH	Tonopah	75.10	43	eP	P	09 35 11.2 +0.6
L05A	Lakeview	75.11	38	P	P	09 35 11.6 +0.9
V11A	Goode Springs	75.11	46	↑P	P	09 35 10.9 +0.2
O07A	Toulon	75.20	41	P	P	09 35 11.3 +0.1
W12A	Cal Nev Ari	75.23	47	↑P	P	09 35 12.0 +0.6
PDMCI	Parker Dam,Lak	75.23	48	↑P	P	09 35 11.5 0.0
I04A	Tendick Farm,	75.26	36	↓P	P	09 35 11.3 -0.3
R09A	Tonopah	75.29	43	P	P	09 35 11.8 +0.1
MOD	Modoc	75.34	38	eP	P	09 35 11.9 -0.1
MOD	Modoc	75.34	38	eP	P	09 35 11.9 -0.1
P08A	Dixie Valley	75.44	41	↓P	P	09 35 12.9 +0.3
U11A	Corn Creek	75.45	45	↓P	P	09 35 12.9 +0.3
V12A	Nelson	75.46	46	P	P	09 35 12.9 +0.2
K05A	Summer Lake	75.49	38	P	P	09 35 13.7 +0.8
N07B	Gerlach	75.50	40	↑P	P	09 35 13.0 +0.1
Q09A	Carvers	75.54	42	↑P	P	09 35 13.7 +0.5
X13A	Yuca	75.60	48	P	P	09 35 13.6 +0.1
KSRS	Korea Array	75.62	316	P	P	09 35 14.9 +1.4
KSRS	Korea Array	75.62	316	P	P	10 01 59.9
J05A	Fort Rock	75.62	37	P	P	09 35 14.3 +0.7
Z14A	Wintersburg	75.63	49	↑P	P	09 35 13.8 +0.1
SHPR	Sheep Range	75.65	45	eP	P	09 35 13.9 +0.1
M07A	Soldier Meadow	75.73	39	P	P	09 35 14.9 +0.6
O08A	Rochester Mine	75.73	41	↑P	P	09 35 14.4 +0.1
W13A	Hualapai Mount	75.82	47	P	P	09 35 15.1 +0.4
115A	Sonoran Desert	75.84	50	↑P	P	09 35 15.3 +0.5
Y14A	Wickenburg	75.87	49	P	P	09 35 15.5 +0.4
K06A	Valley Falls	75.91	38	P	P	09 35 15.4 +0.1
H04A	Detroit Lake	75.94	35	↓P	P	09 35 15.0 -0.4
P09A	Austin	75.97	42	↓P	P	09 35 16.0 +0.4
L07A	Adell	75.99	39	P	P	09 35 16.0 +0.3
U12A	Valley of Fire	76.04	46	P	P	09 35 16.4 +0.4
116A	Eloy	76.16	50	↓P	P	09 35 17.0 +0.3
X14A	Yava	76.22	48	P	P	09 35 17.8 +0.8
J06A	Christmas Vall	76.24	37	P	P	09 35 17.1 0.0
O09A	Fish Creek Ran	76.28	41	P	P	09 35 17.2 -0.1
BMN	Battle Mountai	76.40	41	eP	P	09 35 17.9 -0.1
BMN	Battle Mountai	76.40	41	eP	P	09 35 17.9 -0.1
P10A	Eureka	76.44	42	P	P	09 35 18.7 +0.4
W14A	Seligman	76.44	47	P	P	09 35 18.9 +0.7
N09A	Root Creek Ran	76.44	41	P	P	09 35 18.5 +0.2
Q11A	Duckwater	76.55	43	P	P	09 35 19.0 +0.1
KSM	Kaching	76.58	275	eP	P	09 35 19.6 +0.5
I06A	Prineville	76.62	37	P	P	09 35 19.8 +0.6
WVOR	Wild Horse Val	76.66	39	eP	P	09 35 18.9 -0.6
WVOR	Wild Horse Val	76.66	39	eP	P	09 35 18.9 -0.6
WVOR	Wild Horse Val	76.66	39	eP	P	09 35 45.8 +0.3
X15A	Humboldt	76.69	48	P	P	09 35 20.1 +0.4
L08A	Fields	76.70	39	P	P	09 35 20.2 +0.5
G05A	Wamic	76.78	35	↓P	P	09 35 21.1 +0.9
O10A	Cortez Mining	76.78	42	↓P	P	09 35 20.5 +0.3
J07A	Hines	76.80	38	P	P	09 35 20.7 +0.4
M09A	Marrel Ranch	76.81	40	P	P	09 35 20.8 +0.4
E04A	Onalaska	76.85	34	↓P	P	09 35 21.3 +0.7
P11A	Circle Ranch,	76.86	42	↑P	P	09 35 20.9 +0.3
K08A	Mann Creek Ran	76.92	39	P	P	09 35 21.2 +0.2
W15A	Williams	77.01	48	↓P	P	09 35 22.7 +1.2
L09A	Wilkinson Ranc	77.01	40	↓P	P	09 35 21.9 +0.4
H06A	Lindquist Farm	77.02	36	P	P	09 35 21.5 0.0
I07A	Izen	77.11	37	↓P	P	09 35 22.4 +0.4
Q12A	Willow Creek R	77.20	43	P	P	09 35 23.0 +0.5
O11A	Coway Ranch,	77.24	42	P	P	09 35 22.9 +0.2
J08A	Circle Bar Ran	77.29	38	P	P	09 35 23.3 +0.2
E05A	Randle	7				

1d 10h

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

IDC 01 09:42:59.7±5.2, 5216N-3595E, h0km, mb1 3.8/3, mb1mx3.4/2, mbtmp3.4/2, ML2.0/1, Error ellipse: s-maj=54.5km s-min=15.4km az=125.0, Baltic States-Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AKASG Malin Array Be, AKASG 2.2nm, 0.3s, etc.

IDC 01 09:46:53.7±2.2, 077N-9766E, h0km, mb3.4/3, mb1 3.5/4, mb1mx3.4/2, mbtmp3.4/2, ML2.0/1, Error ellipse: s-maj=59.9km s-min=26.1km az=65.0, Northern Sumatara

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WRA Warramunga Arr 41.40 122 P Pn 09 54 42.5 +0.8
ASAR Alice Springs 42.76 127 P P 09 54 52.6 -0.1
MKAR Makanchi Array 47.77 246 P P 09 55 32.5 0.0

NEIC 01 09:56:33.5±0.5, 4695N-15269E, h10km, Error ellipse: s-maj=16.3km s-min=11.5km az=134.0
MOS 01 09:56:35.9±1.7, 47.13N, 15301E, h33km, mb4.1/10, Error ellipse: s-maj=26.7km s-min=14.0km az=68.0
ISCJB 01 09:56:37.2±0.9, 47.12N, 010E, 152.7E±0.1, h46km, 9km, mb3.8/13, Error ellipse: s-maj=21.7km s-min=4.9km az=93.0

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

IDC 01 09:58:28.2±1.6, 3193S-6833W, h0km, mb4.2/1, mb1 4.0/2, mb1mx3.8/13, mbtmp3.9/2, ML3.6/1, Error ellipse: s-maj=83.4km s-min=53.3km az=117.0
ISCJB 01 09:58:42.5±0.7, 3134S, 004.6844W±008, h115km, 10km, mb4.0/1, Error ellipse: s-maj=11.9km s-min=5.8km az=168.0

NEIC 01 09:58:42.9±0.9, 3131S-6844W, h108km, 4km, MD3.9, ML1.0

NEIC 01 09:58:43.0±0.7, 3133S-004.6842W±007, h106km, 9km, n37, 07/50/52, mb4.0/1, 12C-6D, San Juan Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZON Zonda, CMCH Combarbala, JACH Jahuel, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Cerro Calan, El Roble, La Serena, etc.

IDC 01 09:59:48.1±15.0, 014N-12177E, h221km±167km, mb3.0/4, mb1 3.1/5, mb1mx3.0/18, mbtmp2.9/5, Error ellipse: s-maj=109.6km s-min=26.0km az=58.0, Minahasna Peninsula, Sulawesi

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

ISCJB 01 10:00:00.0±0.8, 648N-003.306E±0.1, h0km, Error ellipse: s-maj=9.1km s-min=3.4km az=33.4

HEL 01 10:00:01.4±0.2, 648N-03071E, h0km, ML2.3, ML1.8(BER), ML2.0(NAO), Explosion

IDC 01 10:00:02.6±2.5, 6475N-3076E, h0km, mb1 3.1/3, mb1mx3.0/20, mbtmp2.9/3, ML2.7/3, Error ellipse: s-maj=37.2km s-min=2.9km az=101.0

BER 01 10:00:03.6±3.1, 6482N-3020E, h0km, ML1.8, ML2.0(NAO), Suspected explosion

NAO 01 10:00:03.0±1.8, 6484N-3016E, ML2.0

ISC 01 10:00:01.0±1.8, 6483N-003.305E±0.1, h0km, n18, 089/36, Finland-Karelia border region

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

1d 12h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like URZ Urewera, EDJR Edgcombe, MWZ Matawai, etc.

ISCJB 01 12:19:5.3, 475N:02:1563E:02, h10km, 21km, mb3.77, Error ellipse: s-maj=33.0km s-min=13.1km az=101.4

ISC 01 12:19:7.0, 4736N:156.38E, h0km, mb3.77, mb1.4/0.9, mb1mx3.8/2.4, mb1mx3.8/2.4, mb1mx3.8/2.4, Error ellipse: s-maj=34.7km s-min=18.6km az=160.0

MOS 01 12:12:24.1-3.5, 4689N:156.15E, h33km, mb4.1/4, Error ellipse: s-maj=32.3km s-min=19.3km az=75.1

ISC 01 12:12:22.5-3.6, 475N:02:1563E:02, h18km, 21km, n15, az=093/15, mb3.77, Az of Kuril Islands

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

ISCJB 01 12:14:06.6:1.1, 6079N:004:292E:01, h0km, Error ellipse: s-maj=8.9km s-min=5.7km az=37.6

HEL 01 12:14:10.6:0.2, 6084N:2900E, h0km, ML2.1, ML2.5(NAO), Explosion

ISC 01 12:14:11.9:1.8, 6080N:2880E, h0km, mb1.3/4.3, mb1mx3.1/2.1, mb1mx3.4/3, ML3.2/3, Error ellipse: s-maj=14.5km s-min=11.5km az=149.0

NAO 01 12:14:11.7:1.8, 6077N:2880E, ML2.5, BER 01 12:14:11.8:3.0, 6079N:2886E, h0km, ML2.5(NAO), Suspected explosion

ISC 01 12:14:09.4:1.0, 6085N:004:290E:01, h0km, n18, az=114/31, Finland-Karelia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like VJF Virojoki, FIAO FINESS Array S, FIAO FINESS Array B, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HFS Hagfors, NB2 NORSAR Subarra, ARAO ARCESS Array S, etc.

ISC 01 12:19:20.7:1.9, 4814N:15529E, h0km, mb3.8/8, mb1.3/9.8, mb1mx3.7/2.4, mb1mx3.8/8, MS2.9/1, Ms1.2.9/1, ms1mx2.6/3.2, Error ellipse: s-maj=52.6km s-min=26.1km az=168.0

ISCJB 01 12:19:25.8:2.2, 483N:02:1552E:03, h44km, 15km, mb3.8/8, Error ellipse: s-maj=38.5km s-min=11.5km az=89.3

MOS 01 12:19:26.2:1.1, 4834N:155.18E, h49km, mb4.3/5, Error ellipse: s-maj=28.6km s-min=16.1km az=81.8

ISC 01 12:19:27.2:0.2, 483N:02:1553E:03, h48km, 13km, n16, az=056/17, mb3.8/8, Kuril Islands

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

ISC 01 12:28:53.0:1.1, 1343N:9017W, h0km, mb3.7/8, mb1.4/0.9, mb1mx3.9/19, mb1mx3.7/9, ML3.0/1, MS3.4/4, Ms1.3/4.4, ms1mx3.0/3.2, Error ellipse: s-maj=51.6km s-min=17.1km az=56.0

NEIC 01 12:28:54.0:0.8, 1346N:9009W, h10km, Error ellipse: s-maj=21.0km s-min=16.0km az=218.0

ISCJB 01 12:28:58.6:1.3, 133N:01:9064W:009, h6km, 10km, mb3.77, Error ellipse: s-maj=20.1km s-min=11.9km az=64.9

CASC 01 12:28:58.4:3.1, 1326N:9076W, h20km, 21km, MD3.9, ISC 01 12:28:55.1:4.1, 133N:01:9057W:009, h53km, 12km, n28, az=153/22, mb3.77, MS3.3/3, 2C-1D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TER Teranova, SBLS San Blas, SNJE San Jose, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ZFRI Zfri, MZDA Masada, SVTA Shivta, etc.

MOS 01 12:53:09.9:1.4, 5568N:110.19E, h6km, mb4.2/1, Error ellipse: s-maj=16.4km s-min=12.8km az=53.4

BYKL 01 12:53:09.3:0.5, 5568N:110.15E, h4km, 5km, 7C, Lake Baykal region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NIZ Nizh Angarsk, KMO Kumora, YOA Uoyan, etc.

1d 13h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ARU, VIS, VIS, KIV, IMP, GTA, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AKASG, AKASG, AKASG, AKAB, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NB2, NOA, NOA, NOA, NOA, etc.

1d 14h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like LUBP, TGY, KULM, PSI, POLP, KLB, etc.

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like GYA, KMI, KMI, KMI, etc.

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like LSA, LSA, LSA, LSA, etc.

1d 14h

N09A	Rock Creek Ran	120.72	47	↑P	PKPdf	14 20 35.7 +0.2
BSC	Santa Cruz Isl	120.76	55	↑P	PKPdf	14 20 34.6 -1.0
NVAR	Mina Array Bea	120.90	50	PKP	PKPdf	14 20 35.9 +0.2
NVAR	comp=Z,2.4nm,0.8s,baz=110,slow=4.2,SNR=17				PKKPbc	14 30 43.6 +4.1
VES	Vestal, Richgr	120.82	53	↑P	PKPdf	14 20 35.3 -0.4
I11A	Placerville	120.86	43	↑P	PKPdf	14 20 36.2 +0.4
MTUM	Tungsten Hills	120.87	51	ePKPdf	PKPdf	14 20 33.8 -2.0
Q08A	Gabbs	120.97	50	↑P	PKPdf	14 20 36.5 +0.5
SFJD	Kangerlussuaq	120.99	355	i/P	PKPdf	14 20 33.7 -2.3
SFJD	Kangerlussuaq	120.99	355	e/P	PKPdf	14 20 33.7 -2.3
SNCC	San Nicolas Is	120.99	56	PFAKE	LR	14 20 50.0 +1.4
E13A	Victor	121.11	40	↑P	PKPdf	14 20 36.1 -0.2
MSO	Missoula	121.12	40	ePKPdf	LR	14 20 34.7 -1.5
O09A	Fish Creek Ran	121.16	48	↑P	PKPdf	14 20 36.2 -0.1
ARVC	Arvin	121.17	54	↑P	PKPdf	14 20 37.2 +0.8
M10A	LL Ranch, Tu	121.23	46	↑P	PKPdf	14 20 36.3 -0.1
F13A	Darby	121.27	41	↑P	PKPdf	14 20 36.1 -0.5
D14A	Greenough	121.29	39	↑P	PKPdf	14 20 36.4 -0.2
ISA	Isabella	121.34	53	ePKIKP	MLR	14 20 36.9 +0.2
ISA	Isabella	121.34	53	↑P	PKPdf	14 20 36.9 +0.2
H12A	Diamond D Ranc	121.38	42	↑P	PKPdf	14 20 37.5 +0.7
CWC	Cottonwood Cre	121.42	52	↑P	PKPdf	14 20 37.7 +0.8
CHMT	Chamberlain Mo	121.59	39	ePKPdf	PKPdf	14 20 36.4 -0.7
Q09A	Carvers	121.54	49	↑P	PKPdf	14 20 38.5 +1.4
RPN	Rapa Nui	121.59	129	PFAKE	LR	14 20 50.0 +1.3
G13A	Cobalt	121.59	42	↑P	PKPdf	14 20 37.0 -0.2
O10A	Cortez Mining,	121.63	48	↑P	PKPdf	14 20 37.7 +0.5
R09A	Tonopah	121.79	50	↑P	PKPdf	14 20 37.2 +0.2
M11A	Holland Ranch,	121.79	46	↑P	PKPdf	14 20 37.1 -0.5
S09A	Goldfield	121.81	51	P	PKPdf	14 20 38.5 +1.0
P10A	Eureka	121.86	48	↑P	PKPdf	14 20 38.1 +0.5
F14A	Wisdom	121.88	41	↑P	PKPdf	14 20 37.6 -0.1
GRAC	Grapevine Rang	121.88	52	↑P	PKPdf	14 20 37.4 +0.4
DAC	Darwin (Calif)	121.89	52	ePKIKP	PKPdf	14 20 38.2 +0.5
EDWZ	Edwards Air Fo	121.90	54	↑P	PKPdf	14 20 37.3 -0.4
D15A	Lincoln	121.92	39	↑P	PKPdf	14 20 37.6 -0.2
LRMC	Laurel Mountai	122.00	53	↑P	PKPdf	14 20 38.5 +0.5
MPMC	Manual Prospec	122.02	53	P	PKPdf	14 20 39.4 +1.4
N11A	Elko Archery C	122.03	47	↑P	PKPdf	14 20 38.2 +0.1
HLID	Hailey	122.07	43	ePKPdf	LR	14 20 38.3 +0.3
E15A	Deer Lodge	122.10	40	↑P	PKPdf	14 20 38.0 -0.2
O11A	Cowboy Ranch,	122.30	48	↑P	PKPdf	14 20 39.9 +1.4
BFSC	Mount Baldy St	122.31	55	↑P	PKPdf	14 20 38.4 -0.1
P11A	Circle Ranch,	122.40	48	↑P	PKPdf	14 20 38.9 +0.1
MDT	Midett	122.40	304	PKP	PKPdf	14 20 39.0 +0.2
ELK	Elko	122.41	47	ePKIKP	MLR	14 20 36.9 -1.8
F12C	Furnace Creek,	122.41	52	↑P	PKPdf	14 20 38.3 -0.4
MURC	Wells	122.42	46	↑P	PKPdf	14 20 38.6 -0.2
F15A	Butte	122.43	40	↑P	PKPdf	14 20 38.9 +0.1
N12A	Clover Valley,	122.52	47	↑P	PKPdf	14 20 39.7 +0.7
DLMT	Dillon	122.56	41	ePKPdf	PKPdf	14 20 39.5 +0.5
Q11A	Duckwater	122.68	49	↑P	PKPdf	14 20 39.1 -0.2
G15A	Dillon	122.71	41	↑P	PKPdf	14 20 40.0 +0.7
GSC	Goldstone	122.75	53	ePKIKP	PKPdf	14 20 40.4 +1.0
GSC	Goldstone	122.75	53	P	PKPdf	14 20 40.6 +1.2
MURC	Murrieta	122.82	55	↑P	PKPdf	14 20 40.3 +0.8
U10A	Ash Meadows, A	122.84	50	↑P	PKPdf	14 20 41.0 +1.4
TRCA	Troy Canyon	122.88	50	ePKPdf	PKPdf	14 20 40.1 +0.4
BBRC	Big Bear Sol-O	122.90	55	↑P	PKPdf	14 20 40.2 +0.5
O12A	Currie	122.92	47	↑P	PKPdf	14 20 40.2 +0.4
M13A	Montello	122.97	46	↑P	PKPdf	14 20 40.0 +0.1
SHOC	Shoshone	123.01	52	↑P	PKPdf	14 20 40.4 +0.5
P12A	McGill	123.05	48	↑P	PKPdf	14 20 41.0 +1.0
BOZ	Bozeman (W)	123.06	40	ePKIKP	MLR	14 20 40.2 +0.2
EGMT	Eagleton	123.17	37	ePKPdf	LR	14 20 38.7 -1.5
Q12A	Willow Creek R	123.24	49	↑P	PKPdf	14 20 40.8 +0.4
TUQ	Turquoise Mtn,	123.41	53	↑P	PKPdf	14 20 41.4 +0.8
PFO	Pinyon Flat Ob	123.42	55	ePKIKP	MLR	14 20 41.5 +0.8
PFO	Pinyon Flat Ob	123.42	55	↑P	PKPdf	14 20 41.5 +0.8
QLMT	Earthquake Lak	123.53	41	ePKPdf	PKPdf	14 20 41.5 +0.6
OLNP	Monument Peak	123.61	56	↑P	PKPdf	14 20 41.2 +0.2
V11A	Goodsprings	123.69	52	↑P	PKPdf	14 20 41.4 +0.2
BELC	Belle Mtn.	123.70	51	P	PKPdf	14 20 42.4 +1.2
GMRC	Greenwich Mounta	123.78	54	P	PKPdf	14 20 42.7 +1.4
HVU	Hansel Valley	123.80	45	ePKIKP	PKPdf	14 20 40.6 -0.8
YMR	Madison River	123.90	41	ePKPdf	LR	14 20 42.8 +1.2
BGU	Big Grassy Mow	123.93	46	ePKPdf	PKPdf	14 20 40.8 -0.9
DVTC	Desert V Tower	123.93	56	↑P	PKPdf	14 20 41.8 +0.2
SWSC	Sam W. Stewart	124.11	56	↑P	PKPdf	14 20 41.9 -0.1
V12A	Nelson	124.18	52	P	PKPdf	14 20 43.3 +1.2
DCID1	Drake Creek	124.19	42	ePKPdf	PKPdf	14 20 42.4 +0.2
RR12	Red Ridge	124.20	43	ePKPdf	PKPdf	14 20 38.9 -3.3
SPUT	South Promonto	124.20	45	ePKPdf	PKPdf	14 20 37.9 -4.3
LIC	Lamto	124.22	272	ePKIKP	PKPdf	14 20 42.4 +0.2
U12A	Valley of Fire	124.23	51	↑P	PKPdf	14 20 43.0 +0.7

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BC3	Big Chuck Mtn	124.23	55	↑P	PKPdf	14 20 43.3 +1.1
W12A	Cal New Ari	124.28	53	↑P	PKPdf	14 20 42.8 +0.4
LKWY	LKWY	124.31	41	PFAKE	LR	14 20 50.0 +7.6
DUG	Dugway	124.34	47	ePKIKP	MLR	14 20 43.1 +0.7
IRM	Iron Mountain	124.35	54	P	PKPdf	14 20 44.0 +1.6
MOOW	Moose Ponds	124.42	42	ePKPdf	PKPdf	14 20 41.6 -1.0
REDF	Red Top Meadow	124.51	42	ePKPdf	PKPdf	14 20 43.2 +0.4
SNOW	Snog King Moun	124.53	42	ePKPdf	PKPdf	14 20 42.9 +0.1
ARUT	Antelope Range	124.66	40	ePKIKP	PKPdf	14 20 44.0 +0.9
NOQ	North Oquirrh	124.67	46	ePKPdf	PKPdf	14 20 43.6 +0.5
HWUT	Hardware Ranch	124.71	45	ePKPdf	PKPdf	14 20 43.1 -0.1
RLMT	Red Lodge	124.79	40	PFAKE	LR	14 20 50.0 +6.7
CCUT	City	124.80	50	ePKPdf	PKPdf	14 20 44.4 +1.1
GLA	Glamis	124.88	55	↑P	PKPdf	14 20 43.9 +0.5
NLU	North Lily Min	124.95	47	ePKPdf	PKPdf	14 20 44.0 +0.3
Y12C	Blythe	124.95	55	↑P	PKPdf	14 20 43.8 +0.1
W13A	Hualapai Mount	125.11	53	↑P	PKPdf	14 20 44.7 +0.7
PDMC1	Parker Dam,Lak	125.12	54	↑P	PKPdf	14 20 44.4 +0.4
MPU	Maple Canyon	125.25	46	ePKPdf	PKPdf	14 20 44.8 +0.6
X13A	Yucca	125.29	53	↑P	PKPdf	14 20 44.4 +0.1
DAU	Daniels Canyon	125.37	46	ePKIKP	PKPdf	14 20 44.8 +0.4
MSU	Marysvale	125.37	48	ePKIKP	PKPdf	14 20 44.8 +0.4
BW06	Boulder Arroy	125.62	43	PFAKE	LR	14 20 50.0 +5.1
PDAR	Pinedale Arroy	125.62	43	PKP	PKPdf	14 20 45.1 +0.2
PDAR	comp=Z,9.0nm,1.2s,baz=249,slow=2.5,SNR=18				PKKPab	14 30 23.4
PDAR	comp=Z,1.6nm,0.8s,baz=117,slow=5.1,SNR=7.4				SKKPbc	14 30 03.6
W14A	Seligman	125.71	52	↑P	PKPdf	14 20 46.7 +1.6
LAO	LASA Array	125.92	37	ePKPdf	PKPdf	14 20 45.7 +0.2
X14A	Yava	126.07	53	↑P	PKPdf	14 20 46.5 +0.7
Y14A	Wickenburg	126.12	54	↑P	PKPdf	14 20 46.6 +0.7
DGMT	Dagmar	126.14	34	ePKPdf	PKPdf	14 20 45.4 -0.5
Z14A	Wintersburg	126.33	55	↑P	PKPdf	14 20 46.7 +0.4
W15A	Williams	126.36	52	↑P	PKPdf	14 20 47.3 +1.0
SRU	San Rafael	126.37	47	ePKIKP	PKPdf	14 20 44.7 -1.6
X15A	Humboldt	126.58	53	↑P	PKPdf	14 20 47.8 +1.0
WUAZ	Wupatki	126.95	52	ePKPdf	PKPdf	14 20 48.6 +1.1
N115A	Sonoran Desert	127.08	55	↑P	PKPdf	14 20 47.2 -0.5
116A	Eloy	127.55	55	↑P	PKPdf	14 20 49.6 +1.0
PV10	Paradox Valley	127.72	47	ePKPdf	PKPdf	14 20 49.8 +0.9
PV01	Paradox Valley	128.16	47	ePKPdf	PKPdf	14 20 50.8 +1.0
TUC	Tucson	128.37	55	ePKIKP	MLR	14 20 51.4 +1.3
RSSD	Black Hills	128.55	39	PFAKE	LR	14 21 00.0 +1.0
MVCO	Mesa Verde	128.55	49	ePKPdf	PKPdf	14 20 50.7 +0.2
ULM	Lac du Bonnet	129.30	28	PKP	PKPdf	14 20 49.8 -2.1
ULM	Lac du Bonnet	129.30	28	PKP	PKPdf	14 20 49.8 -2.1
ISCO	Idaho Springs	129.57	44	ePKPdf	PKPdf	14 20 52.6 +0.2
SDCO	Great Sand Dun	130.53	47	ePKPdf	PKPdf	14 20 55.9 +1.6
ASCN	Ascension	130.54	252	PFAKE	LR	14 21 10.0 +1.6
AGMN	Agassiz Refuge	130.64	30	PFAKE	LR	14 21 00.0 +5.5
LENN	Leimitar	130.81	52	ePKPdf	PKPdf	14 20 55.1 +0.4
ANMO	Albuquerque	130.92	501	ePKIKP	PKPdf	14 20 54.8 -0.2
ANMO	Albuquerque	130.92	50	ePKPdf	PKPdf	14 20 56.1 +1.1
LPM	Los Pinos Moun	131.01	51	ePKPdf	PKPdf	14 20 55.8 +0.6
BNN	Barren Site	131.08	52	ePKPdf	PKPdf	14 20 56.5 +1.2
MNTX	Cornudas Mount	132.92	54	ePKPdf	PKPdf	14 21 00.3 +1.5
EYMN	Ely	132.97	28	PFAKE	LR	14 21 10.0 +1.1
ECSD	EROS, Sioux Fal	133.19	35	ePKPpre	LR	14 20 50.9
SCHO	Schefferville	133.43	4	PKP	PKPdf	14 21 01.9 +2.1
SCHO	Schefferville	133.43	4	PKP	PKPdf	14 21 01.9 +2.1
TROA	Torqu Coast	133.83	179	ePKPdf	PKPdf	14 21 00.2 -0.3
CBKS	Cedar Bluff	134.05	43	PFAKE	LR	14 21 10.0 +9.1
AMTX	Amarillo	134.54	48	PFAKE	LR	14 21 10.0 +8.2
LTX	Lajitas	135.10	57	PFAKE	LR	14 21 10.0 +7.1
TXAR	Lajitas Array	135.10	57	PKP	PKPdf	14 20 56.1 -6.8
KSU1	Kansas State U	135.94	40	ePKPdf	PKPdf	14 20 54.9
SCIA	State Center	1				

Table with columns: SDV, Santo Domingo, 170.72, 86, PKP, PKPdf, 14 21 52.2, +0.6. Includes station details and coordinates.

CASC 01 14:09:43.7.3.1, 1365N.9074W, h24km, gkm, MD3.9, 2C-7D, Near coast of Guatemala

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like PCG Pacaya, FUG Fuego 3, etc.

NEIC 01 14:28:45.1, 1953N.6778W, h47km, MD3.5(RSPR), After RSPR

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like LSP Las Mesas, AOPR Arecibo Observ, etc.

ISCJB 01 14:37:40.0.1.1, 3823N.004.2655E.007, h7km, 7km, Error ellipse: s-maj=9.4km s-min=6.5km az=123.2

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like URLA Izmir, URLA Balboa, etc.

ISC 01 14:47:25.4.7.8, 4553N.15328E, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.4-22, mbtmp3.7/3, Error ellipse: s-maj=468.8km s-min=31.3km az=86.0, East of Kuril Islands

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like FINES FINESS Array B, WRA Warramunga Arr, etc.

JMA 01 14:54:44.9.0.2, 4384N.14764E, h0km, M3.7, Kuril Islands

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like NEM2 Nemuro 2, JRA Rausu, etc.

CSEM 01 15:01:02.3.0.2, 3546N.592W, h40km, ML3.2/3, Error ellipse: s-maj=6.2km s-min=3.6km az=83.0

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like TSY Trine Yamani, MDAL Dalia, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like ESPR Espera, EMIJ Mijas, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like ERIP Rio Piedras, ERIN 27ma 0.1s, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like EMIN Min Conception, EGRO El Granado, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like EADA Adamuz, EADA Adamuz, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like EBAN Banos Encina, EQES Quesada, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like EADAD Badajoz, EADAD Badajoz, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like EBO Monterrom, PESTR Estremoz, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like PESTR Estremoz, EHUE Huescar, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like EVIA Evia, PMAFR Mafrá, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like ESDC Sonseca Array, ESDC Sonseca Array, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like ETOB Tobarra, ETOB Tobarra, etc.

ISC 01 15:03:23.8.4.9, 6765S.12920E, h263km, 51km, mb3.2/1, mb1 3.4/4, mb1mx3.2/15, mbtmp3.2/4, Error ellipse: s-maj=54.1km s-min=21.1km az=67.0, Banda Sea

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

ISC 01 15:24:43.7.2.7, 2888S.17791W, h0km, mb3.5/2, mb1 3.8/3, mb1mx3.7/13, mbtmp3.7/3, ML3.7/1, Error ellipse: s-maj=62.4km s-min=44.0km az=44.0, Kermadec Islands region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like URZ Urewera, URZ Urewera, etc.

CASC 01 15:26:54.7.1.8, 1397N.9175W, h16km, 51km, MD3.9, 1C, Near coast of Guatemala

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like TP2 Tecpan 2, RBDL Robledal, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like ASAR Alice Springs, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like MKAR Makranh Array, MKAR Makranh Array, etc.

CASC 01 15:43:34.6.3.4, 1363N.9077W, h31km, gkm, MD3.8, 7D, Near coast of Guatemala

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like PCG Pacaya, PCG Pacaya, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like MRL Marmol, MRL Marmol, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like BLML Bellamira, BLML Bellamira, etc.

ISCJRF 01 15:57:26.4, 795N.7198W, h33km, mb4.6, Venezuela

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like CAPV Capacho, ROSC El Rosal, etc.

ISC 01 15:57:32.0.5, 674N.7295W, h160km, 4km, mb4.5/18, mb1 4.7/24, mb1mx4.6/28, mbtmp4.5/24, MS3.7/2, Ms1 3.7/2, ms1mx3.6/27, Error ellipse: s-maj=9.5km s-min=6.5km az=119.0

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like ROSC El Rosal, ROSC El Rosal, etc.

ISC 01 15:57:34.0, 691N.7309W, h168km, MW5.0, Error ellipse: s-maj=7.6km s-min=3.2km az=94.5

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like ROSC El Rosal, ROSC El Rosal, etc.

ISC 01 15:57:32.0.5, 671N.003.7296W.002, h160km, h160km, 1.2km, p-P, n581, c578/556, mb4.8/108, 132C-102D, Northern Colombia

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like CAPV Capacho, ROSC El Rosal, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like PCRV Puerto La Cruz, PCRV Puerto La Cruz, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like BRU Baru, CNI Changuinola, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like WACR Volcan Arenal, WACR Volcan Arenal, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like JTS JuntasAbangare, JTS JuntasAbangare, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists stations like JTS JuntasAbangare, JTS JuntasAbangare, etc.

1d 15h

Table with columns: Station, Name, Time, Frequency, Modulation, and other technical details. Includes stations like RIN3, CPD, FCV, SVB, etc.

2006 DEC

Table with columns: Station, Name, Time, Frequency, Modulation, and other technical details. Includes stations like JFWS, JFWS, JFWS, etc.

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Table with columns: Station, Name, Time, Frequency, Modulation, and other technical details. Includes stations like DUG, MURC, LAO, etc.

D14A	Greenough	53.09 326	P	P	16 06 33.2	0.0
E13A	Victor	53.10 325	↑P	P	16 06 33.6	+0.2
N07B	Gerlach	53.18 317	P	P	16 06 34.2	+0.3
MSO	Missoula	53.19 326	eP	P	16 06 33.5	-0.5
H11A	Donnelly	53.21 323	P	P	16 06 34.1	0.0
HAC	UC Hastings Re	53.23 311	↑P	P	16 06 34.2	-0.1
PACP	Pacheco Peak	53.26 312	↑P	P	16 06 35.1	+0.5
P06A	Stead Airport,	53.33 315	↑P	P	16 06 35.6	+0.6
L08A	Fields	53.41 319	↑P	P	16 06 35.8	+0.2
R04C	Big Horse Ranc	53.49 313	↑P	P	16 06 36.8	+0.6
O06A	Flanigan	53.49 316	↑P	P	16 06 35.8	-0.4
LAVA	Lava Cap Winer	53.54 314	↑P	P	16 06 36.5	-0.1
M07A	Soldier Meadow	53.59 318	↑P	P	16 06 36.6	-0.3
J09A	Fry Pan Ranch,	53.59 320	P	P	16 06 37.0	0.0
H10A	Noah's Angus R	53.59 322	P	P	16 06 36.0	-0.9
D13A	Huson	53.63 326	↑P	P	16 06 37.1	-0.2
P05C	Yuba Gap, Truc	53.67 315	↑P	P	16 06 37.5	+0.1
WVOR	Wild Horse Val	53.72 319	eP	pP	16 06 37.8	-0.1
WVOR	Wild Horse Val	53.72 319	eP	pP	16 07 15.5	+1.0
WVOR	Wild Horse Val	53.72 319	eP	pP	16 06 37.8	-0.1
WVOR	Wild Horse Val	53.72 319	eP	pP	16 07 15.4	+0.9
BEKR	Beckworth	53.73 315	↑P	P	16 06 37.8	-0.2
N06A	Buffalo Meadow	53.75 317	↑P	P	16 06 37.0	-1.1
K08A	Mann Creek Ran	53.76 319	↑P	P	16 06 38.3	+0.1
WENL	Wente Brothers	53.84 312	↑P	P	16 06 39.2	+0.4
I09A	Lost Marbles R	53.89 321	P	P	16 06 38.8	-0.3
F11A	Grangeville	53.93 324	P	P	16 06 38.8	-0.6
L07A	Adell	53.98 318	P	P	16 06 40.3	+0.5
C13A	Hot Springs	54.03 326	↑P	P	16 06 40.0	-0.2
Q04C	Lincoln	54.03 314	↑P	P	16 06 40.6	+0.5
BDM	Black Diamond	54.04 313	↑P	P	16 06 40.9	+0.6
J08A	Circle Bar Ran	54.05 320	↑P	P	16 06 39.9	-0.4
BMO	Blue Mountains	54.07 322	eP	P	16 06 39.1	-1.3
O05C	Quincy	54.16 315	↑P	P	16 06 41.4	+0.3
H09A	Durkee	54.19 322	↑P	P	16 06 40.2	-1.1
E11A	Bogner Ranch,	54.21 324	P	P	16 06 40.8	-0.6
OHCN	Honcut	54.31 314	eP	P	16 06 42.3	+0.2
B13A	Whitfish	54.38 327	↑P	P	16 06 42.4	-0.2
I08A	Drewsey	54.38 321	↑P	P	16 06 42.1	-0.5
M06C	Likely Place G	54.39 317	↑P	P	16 06 42.2	-0.5
ORV	Oroville	54.41 315	↑P	P	16 06 42.9	0.0
Q03C	Winters	54.41 313	eP	P	16 06 43.7	+0.8
FCC	Fort Churchill	54.41 347	↑P	P	16 06 41.3	-1.6
FCC	Fort Churchill	54.41 347	eP	pmax	16 06 41.3	-1.6
FCC	Fort Churchill	54.41 347	eP	pmax	16 06 41.3	-1.6
O04C	Chester	54.43 316	↑P	P	16 06 43.1	+0.1
SUTB	Sutter Butte	54.48 314	↑P	P	16 06 43.8	+0.4
MOD	Modoc	54.57 318	eP	P	16 06 43.4	-0.6
MOD	Modoc	54.57 318	eP	pP	16 07 43.0	-2.1
MOD	Modoc	54.57 318	eP	pP	16 06 43.7	-0.4
J07A	Hines	54.60 320	P	P	16 06 44.2	0.0
F10A	Beach Ranch, E	54.60 323	↑P	P	16 06 43.6	-0.7
CVS	Carmenet Viney	54.62 313	↑P	P	16 06 44.1	-0.3
D11A	Klaveano Farm,	54.66 325	P	P	16 06 44.4	-0.3
H08A	Prairie City	54.74 321	↑P	P	16 06 44.7	-0.5
E10A	Myers Farm, Un	54.81 324	P	P	16 06 45.1	-0.7
F09A	S2 Ranch, Elgi	54.87 323	↑P	P	16 06 46.4	+0.2
HATC	Hat Creek Radi	54.90 316	↑P	P	16 06 46.1	-0.2
M05C	Lookout	54.91 317	↑P	P	16 06 46.0	-0.4
K06A	Valley Falls	54.94 319	P	P	16 06 46.8	0.0
B12A	Libby	55.04 327	↑P	P	16 06 47.5	+0.1
I07A	Ize	55.05 320	↑P	P	16 06 47.8	+0.2
LTIM	Timbered Crate	55.06 316	P	P	16 06 48.1	+0.5
J06A	Christmas Vall	55.08 319	↑P	P	16 06 47.6	-0.1
D10A	Wagner Farm, O	55.21 324	P	P	16 06 47.9	-0.7
G08A	Pilot Rock	55.30 322	↑P	P	16 06 49.2	-0.1
K05A	Summer Lake	55.33 318	↑P	P	16 06 49.5	0.0
E09A	Wood Farm, Sta	55.43 323	P	P	16 06 50.0	-0.3
I06A	Prineville	55.44 320	↑P	P	16 06 50.3	0.0
F08A	Pendleton	55.44 322	↑P	P	16 06 50.0	-0.3
M03C	McCloud	55.54 316	↑P	P	16 06 50.5	-0.5
WDC	Whiskeytown Da	55.55 315	↑P	P	16 06 50.0	-1.1
M04C	Macdoel	55.56 317	↑P	P	16 06 51.1	-0.1
P01C	Dumble 8 Ranch	55.68 314	↑P	P	16 06 52.7	+0.7
G07A	Ruggs Ranch, H	55.73 322	↑P	P	16 06 52.5	+0.2
A11A	Hall Mountain,	55.74 327	↑P	P	16 06 52.5	+0.1
L04A	Klamath Falls	55.76 317	↑P	P	16 06 52.4	-0.1
NEW	Newport	55.77 326	P	P	16 06 52.1	-0.6
J05A	Fort Rock	55.80 319	↑P	P	16 06 53.0	+0.2
D09A	Jones Farm, Ri	55.81 324	↑P	P	16 06 52.7	-0.2
K04A	Chiquin	55.84 318	↑P	P	16 06 53.0	-0.1
H06A	Lindquist Farm	55.89 321	↑P	P	16 06 53.2	-0.3
O08A	Dider Farm, El	55.96 323	↑P	P	16 06 53.5	-0.5
BUOR	Burton Butte	55.96 317	P	P	16 06 54.7	+0.1
M02C	Callahan	56.09 316	↑P	P	16 06 53.9	-1.0
YBH	Yreka Blue Hor	56.13 317	P	P	16 06 53.8	-1.3
YBH	Yreka Blue Hor	56.13 317	eP	pP	16 07 51.2	0.0

YBH	Yreka Blue Hor	56.13 317	eP	P	16 06 53.5	-1.7
YBH	Yreka Blue Hor	56.13 317	eP	pmax	16 07 50.7	
YBH	Yreka Blue Hor	56.13 317	eP	P	16 06 53.5	-1.7
YBH	Yreka Blue Hor	56.13 317	eP	pP	16 07 50.7	-0.5
YBH	Yreka Blue Hor	56.13 317	↑P	P	16 06 53.8	-1.4
D08A	Madras	56.17 324	P	P	16 06 55.4	-0.1
C09A	Chrisman Ranch	56.18 325	↑P	P	16 06 55.2	-0.3
N02C	Big Bar	56.18 315	↑P	P	16 06 54.9	-0.7
F07A	Phinny Hill Vi	56.19 322	↑P	P	16 06 55.6	0.0
O01C	Eel River Cons	56.28 314	↑P	P	16 06 56.4	+0.2
G06A	Carlson Farm,	56.31 321	↑P	P	16 06 56.9	+0.5
J04A	Umpqua Nationa	56.36 318	↑P	P	16 06 56.9	+0.1
H05A	Wollman Farm,	56.41 320	↑P	P	16 06 57.6	+0.5
E07A	Sunnyside	56.47 323	↑P	P	16 06 57.4	-0.2
KHMM	Wolman Mountain	56.50 315	eP	P	16 06 58.2	+0.4
C08A	Higginbotham F	56.61 324	↑P	P	16 06 58.6	0.0
EPH	Ephrata	56.71 324	P	P	16 06 59.4	+0.1
G05A	Wamic	56.74 321	↑P	P	16 06 59.9	+0.4
EDM	Edmonton	56.79 332	eP	P	16 06 58.7	-1.2
I04A	Tendick Farm,	56.80 319	↑P	P	16 06 59.5	-0.4
D07A	Quincy	56.86 323	↑P	P	16 07 00.4	+0.1
A09A	Danville	56.98 326	↑P	P	16 07 00.9	-0.2
J03A	Ideyid Park	56.98 318	↑P	P	16 07 00.6	-0.6
BROR	Big Rock Looko	57.03 319	P	P	16 07 01.1	-0.4
H04A	Detroit Lake	57.04 320	↑P	P	16 07 00.8	-0.8
EBG	Ellensburg	57.07 323	P	P	16 07 02.3	+0.5
B08A	Colville Reser	57.07 325	↑P	P	16 07 01.3	-0.6
K02A	Glendale	57.08 317	P	P	16 07 01.1	-0.8
E06A	Yakima	57.14 322	↑P	P	16 07 02.4	+0.1
M01C	Crescent City	57.15 316	↑P	P	16 07 02.3	0.0
C07A	Waterville	57.16 324	↑P	P	16 07 02.6	+0.2
A08A	Turner Farm, O	57.35 326	↑P	P	16 07 03.1	-0.7
D06A	Cle Elum	57.37 323	P	P	16 07 04.4	+0.4
J02A	Umpqua	57.38 318	↑P	P	16 07 03.6	-0.4
I03A	Eugene	57.44 319	↑P	P	16 07 03.7	-0.7
B07A	Winston	57.58 325	P	P	16 07 05.1	-0.2
E05A	Randle	57.63 322	↑P	P	16 07 05.4	-0.3
H03A	Soap Creek Ran	57.75 320	↑P	P	16 07 06.8	+0.2
K01A	Sixes	57.76 317	↑P	P	16 07 06.7	+0.1
I02A	Mapleton	57.81 319	↑P	P	16 07 07.2	+0.2
GSM	Grass Mountain	57.95 323	P	P	16 07 08.0	+0.1
G03A	Yamhill	58.01 320	↑P	P	16 07 08.3	-0.1
D05A	Enumclaw	58.06 323	↑P	P	16 07 08.2	-0.5
E04A	Onalaska	58.23 322	↑P	P	16 07 09.6	-0.3
B06A	Marblemount	58.39 324	↑P	P	16 07 10.8	-0.2
F03A	Seaside	58.46 321	↑P	P	16 07 11.3	-0.2
D04A	Dobbs Creek Ra	58.52 322	↑P	P	16 07 11.8	-0.1
B05A	Clyatt	58.63 324	↑P	P	16 07 12.4	-0.3
E03A	Lebam	58.73 321	↑P	P	16 07 13.2	-0.1
C04A	Brinnon	58.89 323	↑P	P	16 07 13.8	-0.7
A05A	Maple Falls	58.97 324	↑P	P	16 07 14.5	-0.5
A04A	Legoe Bay, Lum	59.20 324	↑P	P	16 07 15.9	-0.7
B04A	Port Angeles	59.37 323	↑P	P	16 07 17.2	-0.6
SFJD	Kangerlussuaq	62.10 10	iP	P	16 07 35.3	-0.9
SFJD	Kangerlussuaq	62.10 10	iP	pmax	16 07 35.3	-0.9
YKA	Yellowknife Ar	63.42 340	P	P	16 07 44.1	-0.8
YKA	Yellowknife Ar	63.42 340	P	pP	16 08 20.2	-0.1
LIC	Lamto	67.44 86	↑P	P	16 08 10.9	+0.1
LIC	Lamto	67.44 86	↑P	P	16 08 10.9	+0.1
DLBC	Dease Lake	67.50 331	eP	P	16 08 11.2	+0.1
ESDC	Sonsecra Army	69.59 50	P	P	16 08 23.2	-0.9
SKAG	Skagway	70.42 331	eP	P	16 08 29.3	+0.1
QUIF	Quintic	71.53 42	eP	P	16 08 36.5	+0.6
SJPF	Ste Jean	72.11 47	eP	P	16 08 38.6	-0.7
SJPF	Ste Jean	72.11 47	eP	pmax	16 08 38.6	-0.7
SJPF	Ste Jean	72.11 47	eP	pmax	16 08 38.6	-0.7
SJPF	Ste Jean	72.11 47	eP	P	16 08 38.6	-0.7
ETSF	Etsaut	72.57 47	eP	P	16 08 41.6	-0.4
GRR	Gorron	73.14 42	eP	P	16 08 43.0	-2.4
GRR	Gorron	73.14 42	eP	pmax	16 08 43.0	-2.4
GRR	Gorron	73.14 42	eP	pmax	16 08 43.0	-2.4
GRR	Gorron	73.14 42	eP	P	16 08 43.0	-2.4
INK	Inuvik	73.19 340	P	P	16 08 45.2	-0.5
INK	Inuvik	73.19 340	P	P	16 08 44.9	-0.8
EPF	Esparras	73.24 47	eP	P	16 08 45.3	-0.7
EPF	Esparras	73.24 47	eP	pmax	16 08 45.3	-0.7
EPF	Esparras	73.24 47	eP	pmax	16 08 45.3	-0.7
EPF	Esparras	73.24 47	eP	P	16 08 45.3	-0.7
MFF	Saint Martin d	73.35 43	eP	P	16 08 45.3	-1.3
FLN	La Foliniere	73.44 41	eP	P	16 08 46.2	-1.0
FLN	La Foliniere	73.44 41	eP	pmax	16 08 46.2	-1.0
FLN	La Foliniere	73.44 41	eP	pmax	16 08 46.2	-1.0
FLN	La Foliniere	73.44 41	eP	P	16 08 46.2	-1.0
TOAO	Torodi Ar. Sit	73.60 78	eP	pP	16 08 47.3	-0.8
TOAO	Torodi Ar. Sit	73.60 78	eP	pP	16 09 29.3	+2.3
TORD	Torodi Ar. Bea	73.60 78	eP	P	16 08 47.5	-0.6
TORD	Torodi Ar. Bea	73.60 78	eP	pP	16 09 27.4	+0.4
LDF	La Druitiere	73.65 41	eP	P	16 08 46.9	-1.5
DAWY	Dawson	73.81 335	eP	P	16 08 48.5	-0.8
RJF	Les Rejaudoux	74.34 45	eP	P	16 08 51.1	-1.3
MTFL	Montlieu	74.44 4				

1d 19h

MVCO	Mesa Verde	11.39	23	UP	Pn	19 35 53.1 +1.1
KCC	Kaiser Creek	11.43	338	UP	Pn	19 35 54.0 +1.4
HAST	UC Hastings Res	11.53	328	UP	Pn	19 35 53.0 -0.9
MLAC	Mammoth Lakes	11.56	340	UP	Pn	19 35 55.4 +1.1
TRCR	Troy Canyon	11.61	354	eP	Pn	19 35 55.7 +0.7
R09A	Tonopah	11.71	348	UP	Pn	19 35 56.5 +0.1
MSU	Marysville	11.79	7	eP	Pn	19 35 59.7 +2.2
S05C	Merced	11.81	335	UP	Pn	19 35 58.4 +0.6
PACP	Pacheco Peak	11.92	331	UP	Pn	19 35 59.3 +0.1
R07C	Lee Vining	12.05	341	UP	Pn	19 36 02.1 +1.1
Q11A	Duckwater	12.11	354	UP	Pn	19 36 02.5 +0.7
S06C	San Francisco	12.11	337	UP	Pn	19 36 02.4 +0.5
NVAR	Mina Array Bea	12.16	344	Pn	19 36 02.8 +0.2	
PV01	Paradox Valley	12.21	21	eP	Pn	19 36 02.4 -0.7
Q12A	Willow Creek R	12.24	357	UP	Pn	19 36 04.2 +0.6
PV10	Paradox Valley	12.29	19	eP	Pn	19 36 04.0 -0.3
Q09A	Carvers	12.31	348	UP	Pn	19 36 05.3 +0.8
S04C	Ingram Canyon,	12.35	332	UP	Pn	19 36 05.0 -0.1
Q08A	Gabbs	12.48	346	UP	Pn	19 36 07.5 +0.6
R06C	Coleville	12.57	340	UP	Pn	19 36 09.0 +0.9
SRU	San Rafael	12.63	12	eP	Pmax	19 36 10.4 +1.4
SRU	San Rafael	12.63	12	eP	Pn	19 36 10.4 +1.4
WENL	Wente Brothers	12.64	331	UP	Pn	19 36 09.5 +0.5
JRSC	Jasper Ridge	12.68	329	UP	Pn	19 36 08.5 -1.1
P12A	McGill	12.68	357	UP	Pn	19 36 10.3 +0.7
P11A	Circle Ranch	12.82	354	UP	Pn	19 36 12.7 +1.2
R05C	Kirkwood Meado	12.93	338	UP	Pn	19 36 14.0 +0.9
JCT	Junction City	13.00	70	eP	Pmax	19 36 19.2 +5.2
JCT	Junction City	13.00	70	eP	Pn	19 36 19.2 +5.1
SDCO	Great Sand Dun	13.07	31	eP	Pn	19 36 16.5 +1.5
NLU	North Lily Min	13.23	6	eP	Pn	19 36 16.1 -1.1
AMTX	Amarillo	13.30	50	eP	Pn	19 36 19.2 +1.0
MPU	Maple Canyon	13.34	8	eP	Pn	19 36 21.2 +2.5
WCN	Washoe City	13.38	340	UP	Pn	19 36 20.1 +0.9
O11A	Cowboy Ranch,	13.38	355	UP	Pn	19 36 19.7 +0.5
DUG	Dugway	13.41	4	eP	Pmax	19 36 20.4 +0.8
DUG	Dugway	13.41	4	eP	Pn	19 36 20.4 +0.8
DUG	Dugway	13.41	4	UP	Pn	19 36 20.4 +0.8
O12A	Currie	13.46	358	UP	Pn	19 36 21.1 +0.8
CVS	Carmenet Viney	13.54	330	UP	Pn	19 36 20.9 -0.6
Q03C	Winters	13.60	332	UP	Pn	19 36 22.1 0.0
O09A	Fish Creek Ran	13.61	350	UP	Pn	19 36 22.6 +0.2
O10A	Cortez Mining,	13.63	352	UP	Pn	19 36 23.2 +0.6
P05C	Yuba Gap, Truc	13.65	338	UP	Pn	19 36 23.0 +0.1
N5HM	Saint Helena R	13.76	330	eP	Pn	19 36 23.8 -0.5
DAU	Daniels Canyon	13.78	9	eP	Pn	19 36 27.1 +2.4
JLU	Jordanelle	13.94	8	eP	Pn	19 36 29.7 +2.8
O07A	Toulon	13.94	344	UP	Pn	19 36 27.5 +0.6
MNRA	McLaughlin Nat	13.98	332	UP	Pn	19 36 27.2 -0.2
OHCM	Honcut	13.99	335	eP	Pn	19 36 28.5 +0.9
CTU	Cap Truncy	14.00	7	eP	Pn	19 36 28.2 +0.6
SUTB	Sutter Butte	14.01	334	UP	Pn	19 36 27.4 -0.5
N13A	Wendover, West	14.04	359	UP	Pn	19 36 28.6 +0.4
N12A	Clover Valley,	14.06	357	UP	Pn	19 36 28.9 +0.5
N11A	Elko Archery C	14.07	355	UP	Pn	19 36 29.2 +0.6
BEKR	Beckworth	14.08	339	UP	Pn	19 36 28.7 0.0
BGU	Big Grassy Mou	14.13	3	eP	Pn	19 36 29.9 +0.5
ORV	Oroville	14.19	336	UP	Pn	19 36 30.1 -0.1
O06A	Flanigan	14.20	342	UP	Pn	19 36 30.4 +0.1
N09A	Rock Creek Ran	14.33	349	UP	Pn	19 36 32.6 +0.5
O05C	Quincy	14.35	338	UP	Pn	19 36 32.5 +0.1
SPUT	South Promonto	14.54	5	eP	Pn	19 36 34.4 -0.7
N07B	Gerlach	14.55	345	UP	Pn	19 36 35.9 +0.7
M12A	Wells	14.61	357	UP	Pn	19 36 36.8 +0.8
M11A	Holland Ranch,	14.68	355	UP	Pn	19 36 37.5 +0.5
O04C	Chester	14.73	338	UP	Pn	19 36 38.3 +0.8
ISCO	Idaho Springs	14.74	26	eP	Pmax	19 36 39.1 +1.3
ISCO	Idaho Springs	14.74	26	eP	Pn	19 36 39.1 +1.3
ISCO	Idaho Springs	14.74	26	eP	Pn	19 36 39.1 +1.4
N06A	Buffalo Meadow	14.74	342	UP	Pn	19 36 38.7 +1.0
GASB	Alder Springs	14.75	333	UP	Pn	19 36 39.2 +1.3
M10A	L.L. Ranch, Tu	14.85	353	UP	Pn	19 36 40.0 +0.8
M09A	Marrel Ranch,	14.88	350	UP	Pn	19 36 40.2 +0.6
ELFS	Eagle Lake Fe	14.88	340	UP	Pn	19 36 40.9 +1.2
HWUT	Hardware Ranch	14.92	7	eP	Pn	19 36 41.9 +1.7
HVU	Hansel Valley	14.99	4	eP	Pmax	19 36 44.7 +3.5
HVU	Hansel Valley	14.99	4	eP	Pn	19 36 44.7 +3.6
M07A	Soldier Meadow	15.18	345	P	Pn	19 36 44.3 +0.7
WMOK	Wichita Mounta	15.29	55	eP	Pmax	19 36 45.1 0.0
WMOK	Wichita Mounta	15.29	55	eP	Pn	19 36 45.1 +0.1
HATC	Hat Creek Raci	15.30	338	UP	Pn	19 36 46.5 +1.3
M06C	Likely Place G	15.34	341	P	Pn	19 36 47.1 +1.3
WDC	Whiskeytown Da	15.47	335	eP	Pmax	19 36 46.9 -0.6
WDC	Whiskeytown Da	15.47	335	eP	Pn	19 36 46.9 -0.6
WDC	Whiskeytown Da	15.47	335	P	Pn	19 36 48.4 +0.9
L09A	Wilkinson Ranc	15.49	350	UP	Pn	19 36 48.6 +0.8

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M05C	Lookout	15.69	340	UP	Pn	19 36 51.1 +0.8
L08A	Fields	15.78	348	UP	Pn	19 36 52.3 +0.9
L07A	Ade	15.82	345	UP	Pn	19 36 52.6 +0.6
M03C	McCloud	15.93	337	UP	Pn	19 36 54.8 +1.4
MOD	Modoc	15.94	343	eP	Pn	19 36 53.4 -0.3
MOD	Modoc	15.94	343	P	Pn	19 36 54.8 +1.2
N02C	Big Bar	15.98	334	UP	Pn	19 36 54.6 +0.5
WVOR	Wild Horse Val	16.07	348	eP	Pmax	19 36 55.9 +0.7
WVOR	Wild Horse Val	16.07	348	eP	Pn	19 36 55.9 +0.7
K09A	Rome	16.16	350	UP	Pn	19 36 57.5 +1.0
KHMM	Horse Mountain	16.20	333	eP	Pn	19 36 57.4 +0.5
L05A	Lakeview	16.22	342	UP	Pn	19 36 58.7 +1.4
M04C	Macdoel	16.29	339	UP	Pn	19 36 59.1 +1.0
M02C	Callahan	16.30	336	P	Pn	19 36 59.0 +0.9
HKT	Hockley	16.30	75	eP	Pn	19 37 03.8 +5.6
HKT	Hockley	16.30	75	eP	Pmax	19 37 03.8 +5.6
HKT	Hockley	16.30	75	eP	Pn	19 37 03.8 +5.6
K08A	Mann Creek Ran	16.32	348	P	Pn	19 36 59.3 +0.8
BW06	Boulder Array	16.35	12	eP	Pn	19 36 59.6 +0.7
PDAR	Pinedale Array	16.35	12	Pn	19 36 58.9 0.0	
PDAR	Pinedale Array	16.35	12	Pn	19 43 33.2	
K07A	Rock Creek Ran	16.44	347	UP	Pn	19 37 00.6 +0.6
YBH	Yreka Blue Hor	16.54	337	Pn	19 36 59.5 -1.8	
YBH	Yreka Blue Hor	16.54	337	Pn	19 42 57.8	
YBH	Yreka Blue Hor	16.54	337	eP	Pn	19 36 59.5 -1.8
YBH	Yreka Blue Hor	16.54	337	eP	Pn	19 37 01.7 +0.4
L04A	Klath Falls	16.66	339	UP	Pn	19 37 03.6 +0.8
RR12	Red Ridge	16.67	7	eP	Pn	19 36 58.9 -4.0
REDW	Red Top Meado	16.74	8	eP	Pn	19 37 06.2 +2.4
HLID	Hailey	16.74	359	eP	Pn	19 37 04.8 +0.9
HLID	Hailey	16.74	359	UP	Pn	19 37 04.7 +0.8
J10A	Berg Farm, Mel	16.76	353	UP	Pn	19 37 04.7 +0.7
K06A	Valley Falls	16.77	344	UP	Pn	19 37 04.7 +0.5
J09A	Try Pan Ranch,	16.80	350	Pn	19 37 05.0 +0.3	
SNOW	Snow King Moun	16.85	8	eP	Pn	19 37 07.8 +2.6
K05A	Summit Lake	16.87	342	UP	Pn	19 37 06.2 +0.7
DCID1	Drake Creek	16.93	7	eP	Pn	19 37 08.5 +2.4
J08A	Circle Bar Ran	16.93	349	Pn	19 37 07.0 +0.8	
CBKS	Cedar Bluff	16.93	41	eP	Pmax	19 37 09.0 +2.7
CBKS	Cedar Bluff	16.93	41	eP	Pn	19 37 09.0 +2.8
MOOV	Moose Ponds	17.13	8	eP	Pn	19 37 07.3 -1.4
J06A	Christmas Vall	17.17	345	Pn	19 37 10.3 +1.0	
I10A	Payte	17.41	353	UP	Pn	19 37 13.3 +1.1
I09A	Lost Marbles R	17.41	351	Pn	19 37 12.9 +0.7	
J05A	Fort Rock	17.48	342	UP	Pn	19 37 13.8 +0.7
I08A	Drewsey	17.48	349	UP	Pn	19 37 14.3 +1.2
K02A	Glendale	17.73	336	UP	Pn	19 37 16.4 +0.2
H12A	Diamond D Ranc	17.74	358	Pn	19 37 17.5 +1.2	
I07A	Izeze	17.82	347	UP	Pn	19 37 18.5 +1.1
H10A	Noah's Angus R	17.90	354	Pn	19 37 18.9 +0.5	
H11A	Donnelly	17.95	355	Pn	19 37 19.9 +0.9	
YMR	Madison River	18.01	7	eP	Pn	19 37 20.3 +0.6
MCMT	McKenzie Canyon	18.03	3	P	Pn	19 37 20.3 +0.4
H09A	Durkee	18.08	352	UP	Pn	19 37 20.9 +0.3
H08A	Prairie City	18.09	349	Pn	19 37 20.4 -0.3	
QLMT	Earthquake Lak	18.12	6	eP	Pn	19 37 24.1 +3.1
BMO	Blue Mountains	18.22	352	eP	Pn	19 37 21.8 -0.5
G13A	Cobalt	18.27	359	UP	Pn	19 37 23.1 +0.3
H07A	Lands Inn, Kim	18.32	347	UP	Pn	19 37 23.2 -0.3
G15A	Dillon	18.38	3	UP	Pn	19 37 24.5 +0.3
DLMT	Dillon	18.57	3	eP	Pn	19 37 27.2 +0.6
H06A	Lindquist Farm	18.62	346	UP	Pn	19 37 27.6 +0.5
G08A	Pilot Rock	18.89	349	UP	Pn	19 37 29.6 -0.8
BOZ	Bozeman (W)	18.92	5	eP	Pmax	19 37 29.7 -1.0
BOZ	Bozeman (W)	18.92	5	eP	Pn	19 37 29.7 -1.0
F13A	El Rosal	18.97	359	P	Pn	19 37 30.2 -1.1
G07A	Ruggs Ranch, H	18.99	348	UP	Pn	19 37 31.4 -0.3
F14A	Wisdom	19.00	1	P	Pn	19 37 31.3 -0.4
KSU1	Kansas State U	19.04	45	eP	Pn	19 37 31.6 -0.6
F15A	Butte	19.05	3	UP	Pn	19 37 32.1 -0.2
RSSD	Black Hills	19.08	22	eP	Pmax	19 37 32.0 -0.7
RSSD	Black Hills	19.08	22	eP	Pn	19 37 32.0 -0.7
F11A	Grangeville	19.14	355	UP		

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NORSAR Array B, FINESS Array B, Bodaibo, etc.

ICD 01 19:37:02.129.0, 4619N-15427E, h0km, mb3.9/4, mb1.4/0.4, mb1.5/2.1, mbtmp3.9/4, Error ellipse: s-maj=662.6km s-min=81.2km az=156.0

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

ICD 01 20:06:17.11.2, 1555S-16661E, h0km, mb4.3/4, mb1.4/5.7, mb1mx4.3/16, mbtmp4.4/7, ML4.2/3, MS3.6/5, Ms1.3.6/5, ms1mx3.4/30, Error ellipse: s-maj=32.3km s-min=24.6km az=78.0

NEIC 01 20:06:19.84.0, 1525S-16678E, h23km, 26km, mb4.5/6, Error ellipse: s-maj=16.5km s-min=11.6km az=65.0

ISCJB 01 20:06:20.8.1.0, 15625S-007N-12565E.01, h35km, mb4.4/8, MS3.9/2, Error ellipse: s-maj=19.7km s-min=7.7km az=133.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM, HNR, RAO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PMSA, MKAR, ARCES, etc.

WEL 01 20:12:10.3.0.3, 3788S-17868E, h12km, ML3.5/5, 1C-1D, Error ellipse: s-maj=2.8km s-min=1.0km 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 PUK, MATAKAOA, etc.

MOS 01 20:23:36.4.1.4, 4691N-15297E, h53km, mb4.3/5, Error ellipse: s-maj=21.0km s-min=13.4km az=54.3

ISCJB 01 20:23:39.0.1.1, 465N.0.1N-1530E.01, h95km, 11km, mb3.7/1.0, Error ellipse: s-maj=25.9km s-min=7.7km az=107.7

NEIC 01 20:23:43.4.2.3, 4712N-15289E, h91km, 21km, mb4.2/1, Error ellipse: s-maj=21.6km s-min=16.2km az=133.0

ICD 01 20:23:46.5.6.8, 4702N-15286E, h125km, 64km, mb3.4/1.0, mb1.3.6/1.1, mb1mx3.4/25, mbtmp3.4/11, Error ellipse: s-maj=25.0km s-min=20.3km az=132.0

ISC 01 20:23:40.2.1.0, 465N.01-1530E.01, h93km, 10km, n40, r15/62, mb3.7/1.0, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KUR, SKR, YUK, etc.

NEIC 01 20:23:43.4.2.3, 4712N-15289E, h91km, 21km, mb4.2/1, Error ellipse: s-maj=21.6km s-min=16.2km az=133.0

ISCJB 01 20:23:39.0.1.1, 465N.0.1N-1530E.01, h95km, 11km, mb3.7/1.0, Error ellipse: s-maj=25.9km s-min=7.7km az=107.7

NEIC 01 20:06:19.84.0, 1525S-16678E, h23km, 26km, mb4.5/6, Error ellipse: s-maj=16.5km s-min=11.6km az=65.0

ISCJB 01 20:06:20.8.1.0, 15625S-007N-12565E.01, h35km, mb4.4/8, MS3.9/2, Error ellipse: s-maj=19.7km s-min=7.7km az=133.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NEM, JRA, JNK, etc.

ellipse: s-maj=24.1km s-min=19.9km az=153.0, ISC 01 20:41:01.7.1.6, 475N.01-1540E.02, h50km, 13km, n60, r059/61, mb4.4/1, 21, 5C-5D, Kuril Islands

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

SZGRF 01 20:48:02.3, 2565S-17775W, h33km, South of Fiji Islands

BUI 01 20:48:53.8, 2500S-18000W, h457km, mb4.6, mb4.7

NEIC 01 20:48:54.8.1.4, 2497S-18000W, h47km, 16km, mb4.7/16, Error ellipse: s-maj=12.7km s-min=12.1km az=157.0

MOS 01 20:48:55.8.1.9, 2481S-17992E, h470km, mb4.9/9, Error ellipse: s-maj=13.6km s-min=9.8km az=173.4

ISCJB 01 20:48:56.2.0.8, 2502S-005N-17919E.05, h484km, 10km, mb4.7/9, Error ellipse: s-maj=8.2km s-min=6.2km az=92.9

ICD 01 20:48:58.2.0.8, 2497S-17919E, h495km, 8km, mb4.2/14, mb1.4/2.16, mb1mx4.2/17, mbtmp4.2/16, Error ellipse: s-maj=10.1km s-min=9.0km az=165.0

ISC 01 20:48:58.0.6, 2518S-005-17995E.005, h503km, 8km, n215, r122/111, mb4.7/35, 16C-16D, South of Fiji Islands

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

1d 21h

Table of astronomical observations for 1d 21h, listing station names (AFI, BKZ, etc.), coordinates, and observation times.

2006 DEC

Main table of astronomical observations for 2006 DEC, listing station names (LTX, TXAR, ANMO, etc.), coordinates, and observation times.

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Table of astronomical observations for 2006 DEC, listing station names (HNF, LOR, SSS, etc.), coordinates, and observation times.

IDC 01 21:06:15.3+1.9, 400S-12783E, h0km, mb3.8/5, mb1 3.9/5, mb1mx3.8/17, mbtmp3.8/5, Error ellipse: s-maj=231.8km s-min=28.3km az=70.0, Banda Sa

Table of astronomical observations for JMA 01 21:42:32.7+0.2, 225N-12161E, h30km, M3.7, Taiwan region, listing station names and coordinates.

Table of astronomical observations for KRSC 01 21:42:40.9+0.1, 5613N-16268E, h19km, 19km, M3.9, Near east coast of Kamchatka Peninsula, listing station names and coordinates.

Table of astronomical observations for MEX 01 21:48:38.4+0.8, 1788N-9965W, h5km, 10km, MD3.7, 1C, Guerrero, listing station names and coordinates.

IDC 01 21:55:41.8+7.9, 2488S-18000W, h506km, 77km, mb3.6/3, mb1 3.7/4, mb1mx3.3/12, mbtmp3.5/4, Error ellipse: s-maj=65.1km s-min=33.0km az=34.0

Table of astronomical observations for GUERRERO, listing station names (MEIG, PLIG, PPM, etc.), coordinates, and observation times.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ARU Arti, AB31 Akbulak array, AKTK Aktyubinsk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LPAZ La Paz, CFAA Coronel Fontan, SIV San Ignacio, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, TXAR Lajitas Array, EKA Eszkdalemir Ar, etc.

ISCJB 02 00:49:17.1±1.2, 2396S:007.667W:02, h202km, 12km, mb3.5/6, Error ellipse: s-maj=27.8km s-min=11.0km

ISCJB 02 01:40:32.8±10.0, 602S:13065E, h87km, 104km, mb3.8/2, mb1.3/9.5, mb1mx3.6/13, mbtmp3.7/5, Error ellipse: s-maj=85.5km s-min=33.9km az=52.0

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like Myers Farm, EDM, J06A, EPF, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like J04A, D06A, F05A, HOOD, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like GTA, G0A, G0A, G0A, etc.

ISCJB 02 08:27:04.5:0.7, 4308N,005:001E,003,h14km,5km, Error ellipse: s-maj=8.9km s-min=4.1km az=171.0

LDG 02 08:27:05.9:0.1, 4303N,002W,h5km,M02.0/2,M11.8/3, Error ellipse: s-maj=2.6km s-min=1.2km az=170.0

MDD 02 08:27:06.2:0.5, 4302N,000E,h7km,5km,mbLg1/1/6, Error ellipse: s-maj=3.1km s-min=2.5km az=177.0

STR 02 08:27:06.1:0.0, 4300N,005E,h5km,1km,M11.8, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 02 08:27:05.4:0.7, 4303N,005:001E,004,h13km,6km,n18, 0:083/25,1C, France

Table with columns: Code, Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like LABF, VIEF, EPF, etc.

NEIC 02 08:32:07.1:0.4, 5382N,16359W,h10km,mb4.7/20, ML3.8(AE/C), Error ellipse: s-maj=9.1km s-min=5.2km az=187.0

BUI 02 08:32:08.2, 5447N,16427W,h10km,mb5.1,mb4.7,Ms4.7, Ms4.4

ISCJB 02 08:32:09.0:0.9, 5376N,006:16365W,0.06,h37km,7km, mb4.5/55,MS4.2/12, Error ellipse: s-maj=10.9km s-min=5.8km az=10.3

MOS 02 08:32:09.5:1.1, 5372N,16377W,h45km,mb4.7/22, Error ellipse: s-maj=14.7km s-min=7.0km az=101.1

IDC 02 08:32:10.2:0.8, 5385N,16348W,h32km,4km,mb4.0/20, mb1 4.1/21,mb1mx1.1/27,mbtmp,0/21,ML3.5/1,MS4.0/6, Ms1 4.0/6,ms1mx3.5/43, Error ellipse: s-maj=22.4km s-min=12.5km az=180.0

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like UNalaska Valle, SDPT Sand Point, KDak Kodiak Island, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LZH comp=E,178nm,15.4s, LZH comp=E,293nm,18.5s,MS4.5, KURK Kurchatov, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AVF Avril sur Loir, AVF Avril sur Loir, DRGR Mont Dzumac, etc.

Table with columns: YAK, comp, MLR, MLR, etc. containing station names and coordinates like YAK comp-Z,261nm,15.0s, MLR MLR, etc.

Table with columns: MK31, Makanchi Array, 48.68 296, etc. containing station names and coordinates like MK31 Makanchi Array 48.68 296, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, etc. containing station names and coordinates like CDCH Caldera 0.29 82, etc.

2d 9h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like MAW, LAO, ULM, YMR, TSUM, etc.

MOS 02 09:41:06.6: 1.2, 4559N: 142.43E, h315km, mb3.8/4, Error ellipse: s-maj=30.4km s-min=16.5km az=99

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like JWK2, JSE, JSH, etc.

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Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like SONM, KDAK, MKAR, etc.

IDC 02 09:44:40.4: 19.0, 729S, 129.65E, h155km, 133km, mb3.7/1, mb1 3.6/3, mb1mx3.3/14, mbtmp3.4/3, ML4.0/2, Error ellipse: s-maj=138.4km s-min=109.3km az=167.0, Banda Sea

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

IGQ 02 09:45:37.5, 121S, 8048W, h5km, 4km, Mb4.0, Ms3.8, 2C-2D, Error ellipse: s-maj=3.2km s-min=2.5km az=132.3, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like CHIS, JAMA, MAGI, etc.

IDC 02 09:47:15.3: 2.0, 2203N: 143.37E, h249km, 17km, mb3.3/8, mb1 3.4/9, mb1mx3.3/22, mbtmp3.3/9, Error ellipse: s-maj=33.6km s-min=14.1km az=83.0, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like CBJJ, KORS, SONM, etc.

ISZBJ 02 09:52:12.0: 0.1, 1776S: 002-17433W, h138km, mb5.2/120, Error ellipse: s-maj=4.9km s-min=2.4km az=74.7

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like SZGRF, BJJ, MKAR, etc.

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Large table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like AFI, FUNA, RAO, RAO, RAO, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CTA, CTAO, PMG, and various tower locations.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HOPS, BDM, OSI, P01C, S04C, DECC, T05C, PET, and various tower locations.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like R06C, YBH, YBHV, YBHI, YBH, and various tower locations.

2d 9h

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal-to-Noise Ratio. Includes stations like K06A Valley Falls, X14A Yava, N08A GE Springer Mi, etc.

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Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal-to-Noise Ratio. Includes stations like PGC Sidney, PGC Clover Valley, F07A Phinny Hill Vi, etc.

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Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal-to-Noise Ratio. Includes stations like MNTX comp=Z,30nm,1.1s,mb4.8, CN2 Changchun, etc.

Table with columns: HTL, Hartland, 145.90, 111eP, PKPdf, 10 11 36.4 +0.5, etc. Lists various astronomical objects and their properties.

Table with columns: KHC, KHC, RUP, Ruppelstein, 148.15, 358, PKP2, PKPbc, 10 11 43.0, etc. Lists astronomical objects and their properties.

Table with columns: LPG, La Plagne, 152.37, 358, ePKIKP, PKPdf, 10 11 46.7 +0.5, etc. Lists astronomical objects and their properties.

ISCJB 02 10:25:58.7-0.7, 428N:0.1x132.1E:0.1, h553km₁18km, mb3.2/2, Error ellipse: s-maj=16.8km s-min=11.3km az=125.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Lists station information.

ISC 02 10:25:59.3-1.5, 4278N:131.89E, h541km₁23km, mb2.6/2, mb1 2.8/5, mb1mx2.6/2.4, mbtmp2.7/5, Error Ellipse: s-maj=23.2km s-min=20.8km az=42.0

JMA 02 10:26:01.0-0.5, 4266N:132.44E, h553km, M3.8, ISC 02 10:25:59.4-0.7, 428N:0.1x132.1E:0.1, h553km₁18km, n17, a1506/20, mb3.2/2, Primorye

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

CSEM 02 10:53:27.2±0.1, 4565N-2664E, h138km, 1km, MD3.5/2, Error ellipse: s-maj=1.9km s-min=0.8km az=50.0, After BUC

NEIC 02 10:53:27.8, 4561N-2666E, h133km, MD2.7(BUC), After BUC

BUC 02 10:53:27.2±0.1, 4565N-2664E, h138km, 1km, MD3.5/2, 4C-4D, Error ellipse: s-maj=1.9km s-min=0.8km az=50.0, Romania

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

CSEM 02 10:53:55.8±0.1, 4156N-274E, h2km, ML2.9/16, Error ellipse: s-maj=2.1km s-min=1.6km az=144.0

NEIC 02 10:53:56.0, 4147N-272E, h3km, ML3.0(STR), MN2.8(MDD), After MDD

NEIC Felt [I] in the epicentral area. LDG 02 10:54:00.0±0.6, 4159N-249E, h5km, Md2.8/1, M3.0/20, Error ellipse: s-maj=3.9km s-min=2.8km az=136.0

STR 02 10:54:00.0±0.6, 4169N-249E, h5km, 1km, M3.0, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 02 10:55:57.0±0.6, 4155N-268E, h5km, 4km, mLbLg2.7/16, Error ellipse: s-maj=4.4km s-min=2.9km az=127.0, PRXIMO, Spain

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

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

NEIC 02 10:56:13.7±0.6, 817S-11867E, h25km, mb4.5/2, Error ellipse: s-maj=22.0km s-min=9.0km az=224.0

ISCJB 02 10:56:15.0±4.0, 84S-02-1187E-01, h52km, 40km, mb4.0/6, Error ellipse: s-maj=33.3km s-min=11.7km az=78.6

IDC 02 10:56:16.4±5.0, 793S-11924E, h33km, 41km, mb3.6/4, mb1.3/8.6, mb1mx3.6/18, mbtmp3.6/6, ML3.8/2, Error ellipse: s-maj=134.2km s-min=14.0km az=56.0

ISC 02 10:56:15.5±4.0, 83S-01-1187E-01, h34km, 30km, n11, c079/14, mb4.0/6, Sumbawa region

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

GII 02 11:34:50.2±1.2, 3388N-3603E, h0km, 30km, ML2.2/3

CSEM 02 11:34:52.9±0.1, 3378N-3580E, h2km, ML3.0, Error ellipse: s-maj=3.6km s-min=2.0km az=97.0, Mining explosion

ISCJB 02 11:34:53.1±0.6, 3380N-003-3581E±007, h0km, Error ellipse: s-maj=7.8km s-min=4.1km az=5.1

GRAL 02 11:34:54.0±2.7, 3380N-3559E, h10km, 20km, MD3.0

ISC 02 11:34:53.5±0.6, 3380N-003-3581E±006, h0km, n9, c079/15, Jordan - Syria region

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

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

NEIC 02 10:56:13.7±0.6, 817S-11867E, h25km, mb4.5/2, Error ellipse: s-maj=22.0km s-min=9.0km az=224.0

ISCJB 02 10:56:15.0±4.0, 84S-02-1187E-01, h52km, 40km, mb4.0/6, Error ellipse: s-maj=33.3km s-min=11.7km az=78.6

IDC 02 10:56:16.4±5.0, 793S-11924E, h33km, 41km, mb3.6/4, mb1.3/8.6, mb1mx3.6/18, mbtmp3.6/6, ML3.8/2, Error ellipse: s-maj=134.2km s-min=14.0km az=56.0

ISC 02 10:56:15.5±4.0, 83S-01-1187E-01, h34km, 30km, n11, c079/14, mb4.0/6, Sumbawa region

ISC 02 11:34:50.2±1.2, 3388N-3603E, h0km, 30km, ML2.2/3

CSEM 02 11:34:52.9±0.1, 3378N-3580E, h2km, ML3.0, Error ellipse: s-maj=3.6km s-min=2.0km az=97.0, Mining explosion

ISCJB 02 11:34:53.1±0.6, 3380N-003-3581E±007, h0km, Error ellipse: s-maj=7.8km s-min=4.1km az=5.1

GRAL 02 11:34:54.0±2.7, 3380N-3559E, h10km, 20km, MD3.0

ISC 02 11:34:53.5±0.6, 3380N-003-3581E±006, h0km, n9, c079/15, Jordan - Syria region

ATH 02 12:00:18.9, 3496N-2691E, h83km, 5km

THE 02 12:00:20.4, 3513N-2700E, h6km

NEIC 02 12:00:21.7±0.6, 3505N-2685E, h65km, 4km, MG3.1(ATH), Error ellipse: s-maj=10.8km s-min=5.0km az=159.0

IDC 02 12:00:23.2±1.1, 3524N-2680E, h70km, 17km, mb3.6/14, mb1.3/7.16, mb1mx3.6/24, mbtmp3.6/16, Error ellipse: s-maj=25.8km s-min=12.8km az=161.0

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

CSEM 02 12:00:16.6±0.1, 3475N-2701E, h60km, ML4.2, Error ellipse: s-maj=2.0km s-min=1.0km az=49.0

ISCJB 02 12:00:17.8±0.3, 3478N-003-2702E±003, h66km, 4km, mb3.7/14, Error ellipse: s-maj=4.5km s-min=3.7km az=59.5

ATH 02 12:00:18.9, 3496N-2691E, h83km, 5km

THE 02 12:00:20.4, 3513N-2700E, h6km

HLW 02 12:00:27.6, 34.15N-27.27E, h33km, Mb4.2
ISC 02 12:00:19.3-0.3, 34.81N-0.03, 2698E.003, h59km, 4km, n84,
c1924/100, mb3.8/14, 1C, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their coordinates.

Main seismic event table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes event details like '2.49 96 eP' and station names like 'La Lucha 2'.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their coordinates, including 'Omaha' and 'Wanganu'.

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	h	m	s	ISC
CLL	comp=Z,13nm,1.2s,mb4.7										
CLL	Colim 76.28 337	i	P		14 12 20.7	-0.3					
CLL	comp=Z,13nm,1.2s,mb4.7				14 12 23.4	+0.1					
CLL	Colim 76.28 337	i	P		14 12 20.7	-0.3					
CLL	comp=Z,13nm,1.2s,mb4.7				14 12 23.4	+0.1					
CLL	comp=Z,11nm,0.9s				14 12 37.3						
MORC	Moravsky Berou 76.37 334	i	P		14 12 22.2	+0.7					
MORC	comp=Z,8.0nm,1.1s,mb4.6				14 12 22.2	+0.7					
MORC	Moravsky Berou 76.37 334	i	P		14 12 22.2	+0.7					
BRG	Bergjesshubel 76.42 336	e	P		14 12 23.7	+1.9					
BRG	comp=Z,3.0nm,1.1s,mb4.1				14 12 23.7	+1.9					
BRG	Bergjesshubel 76.42 336	e	P		14 12 23.7	+1.9					
PRU	Pruhonice 77.06 335	e	P		14 12 26.2	+0.9					
PRU	comp=Z,3.2nm,1.1s,mb4.2				14 12 26.2	+0.9					
PRU	Pruhonice 77.06 335	e	P		14 12 26.2	+0.9					
PSZ	Psizketeto 77.27 331	e	P		14 12 28.5	+1.9					
PSZ	comp=Z,3.0nm,0.7s,mb4.3				14 12 28.5	+1.9					
PSZ	Psizketeto 77.27 331	e	P		14 12 28.5	+1.9					
MALT	Malatya 77.73 314	e	P		14 12 31.1	+2.0					
MALT	comp=Z,5.0nm,0.9s,mb4.4				14 12 31.1	+2.0					
MALT	Malatya 77.73 314	e	P		14 12 31.1	+2.0					
KHC	Kasperske Hory 78.10 336	e	P		14 12 31.9	+0.7					
KHC	comp=Z,3.0nm,0.9s,mb4.4				14 12 31.9	+0.7					
KHC	Kasperske Hory 78.10 336	e	P		14 12 31.9	+0.7					
GRA1	Grafenberg Arr 78.23 337	e	P		14 12 31.9	0.0					
GRA1	comp=Z,1.1nm,0.8s,mb4.8				14 12 31.9	0.0					
GRA1	Grafenberg Arr 78.23 337	e	P		14 12 31.9	0.0					
GRF	Grafenberg Arr 78.23 337	e	P		14 12 31.9	0.0					
GRF	comp=Z,1.1nm,0.8s,mb4.8				14 12 31.9	0.0					
GRF	Grafenberg Arr 78.23 337	e	P		14 12 31.9	0.0					
GERES	GERESS Array B 78.33 335	e	P		14 12 32.5	0.0					
GERES	comp=Z,1.5nm,0.6s,mb4.1,baz=4.4,slo=4.6,SNR=11				14 12 32.5	0.0					
GERES	GERESS Array B 78.33 335	e	P		14 12 32.5	+0.1					
MEM	Membach 78.64 341	e	P		14 12 35.0	+0.9					
MEM	comp=Z,7.3nm,0.9s,mb4.6				14 12 35.0	+0.9					
MEM	Membach 78.64 341	e	P		14 12 35.0	+0.9					
BRTR	Keskin Array B 78.84 318	e	P		14 12 35.9	+0.6					
BRTR	comp=Z,2.7nm,0.9s,mb4.2,baz=4.4,slo=4.1,SNR=7.6				14 12 35.9	+0.6					
BRTR	Keskin Array B 78.84 318	e	P		14 12 35.9	+0.6					
BCLA	Black Forest 80.22 339	e	P		14 12 43.1	+0.3					
BCLA	comp=Z,5.0nm,0.9s,mb4.4				14 12 43.1	+0.3					
BCLA	Black Forest 80.22 339	e	P		14 12 43.1	+0.3					
BFO	Black Forest 80.22 339	e	P		14 12 43.1	+0.3					
BFO	comp=Z,4.7nm,0.9s,mb4.4				14 12 43.1	+0.3					
BFO	Black Forest 80.22 339	e	P		14 12 43.1	+0.3					
CDF	Champ du Feu 80.40 339	e	P		14 12 43.6	-0.1					
CDF	comp=Z,3.1nm,1.4s,mb4.8				14 12 43.6	-0.1					
CDF	Champ du Feu 80.40 339	e	P		14 12 43.6	-0.1					
GRR	Gorron 82.14 344	e	P		14 12 53.1	+0.1					
GRR	comp=Z,6.4nm,1.4s,mb5.0				14 12 53.1	+0.1					
GRR	Gorron 82.14 344	e	P		14 12 53.1	+0.1					
GRR	comp=Z,3.2nm,1.4s,mb5.1				14 12 53.1	+0.1					
GRR	Gorron 82.14 344	e	P		14 12 53.1	+0.1					
SMF	Signal de Mont 82.85 341	e	P		14 12 56.8	+0.1					
SMF	comp=Z,3.2nm,1.4s,mb5.1				14 12 56.8	+0.1					
SMF	Signal de Mont 82.85 341	e	P		14 12 56.8	+0.1					
SMF	comp=Z,3.0nm,1.0s,mb5.0				14 12 56.8	+0.1					
SMF	Signal de Mont 82.85 341	e	P		14 12 56.8	+0.1					
LPG	La Plagne 83.25 339	e	P		14 12 59.9	+1.1					
LPG	comp=Z,2.4nm,0.9s,mb4.9				14 12 59.9	+1.1					
LPG	La Plagne 83.25 339	e	P		14 12 59.9	+1.1					
LPG	comp=Z,1.2nm,0.9s,mb4.9				14 12 59.9	+1.1					
LPG	La Plagne 83.25 339	e	P		14 12 59.9	+1.1					
CAF	Calviac 84.88 341	e	P		14 13 07.7	+0.7					
CAF	comp=Z,7.0nm,1.6s,mb5.2				14 13 07.7	+0.7					
CAF	Calviac 84.88 341	e	P		14 13 07.7	+0.7					
CAF	comp=Z,3.5nm,1.6s,mb5.2				14 13 07.7	+0.7					
CAF	Calviac 84.88 341	e	P		14 13 07.7	+0.7					
NWAO	Narogin (SRO) 87.34 212	e	P		14 13 16.2	-3.0					
NWAO	comp=Z,8.3nm,0.7s,mb5.1,baz=10.3,slo=7.6,SNR=4.6				14 13 16.2	-3.0					
NWAO	Narogin (SRO) 87.34 212	e	P		14 13 17.5	-1.7					
NWAO	comp=Z,1.4nm,0.9s				14 13 17.5	-1.7					
NWAO	Narogin (SRO) 87.34 212	e	P		14 13 17.5	-1.7					
EDSC	Seneca Array 91.13 344	e	P		14 13 35.0	+0.2					
EDSC	comp=Z,1.3nm,0.8s,mb4.3,baz=12.2,slo=2.9,SNR=6.4				14 13 35.0	+0.2					
EDSC	Seneca Array 91.13 344	e	P		14 13 35.0	+0.2					
KEST	Kesra 91.63 333	e	P		14 20 10.6	-2.5					
KEST	comp=Z,1.5nm,0.8s,mb4.4,baz=0.0,slo=2.0,SNR=3.7				14 20 10.6	-2.5					
KEST	Kesra 91.63 333	e	P		14 20 10.6	-2.5					
TORD	Torodi Arr. Bea 30.48 32	e	P		14 22 04.8	-0.4					
TORD	comp=Z,1.0nm,0.9s,baz=9.7,slo=7.7,SNR=4.2				14 22 04.8	-0.4					
TORD	Torodi Arr. Bea 30.48 32	e	P		14 22 04.8	-0.4					
TORD	comp=Z,1.1nm,1.8s,MS4.3,baz=70,slo=32				14 22 04.8	-0.4					
TORD	Torodi Arr. Bea 30.48 32	e	P		14 22 04.8	-0.4					
SNA	Sanae 59.08 176	e	P		14 25 53.8	+1.2					
SNA	comp=Z,1.5nm,0.8s,mb4.0,baz=2.4,slo=2.2,SNR=11				14 25 53.8	+1.2					
SNA	Sanae 59.08 176	e	P		14 25 56.3	+0.4					
SNA	comp=Z,1.1nm,0.9s,mb4.0,baz=2.4,slo=2.2,SNR=11				14 25 56.3	+0.4					
SNA	Sanae 59.08 176	e	P		14 26 00.2						
SNA	comp=Z,1.1nm,0.9s,mb4.0,baz=2.4,slo=2.2,SNR=11				14 26 00.2						
ROSC	El Rosal 62.08 283	e	P		14 26 40.5	-0.9					
ROSC	comp=Z,1.7nm,1.8s,MS4.2,baz=7.4,slo=36				14 26 40.5	-0.9					
ROSC	El Rosal 62.08 283	e	P		14 26 40.5	-0.9					
GERES	GERESS Array B 66.39 20	e	P		14 54 49.4						
GERES	comp=Z,0.4nm,0.7s,mb3.6,baz=171,slo=9.2,SNR=4.0				14 54 49.4						
GERES	GERESS Array B 66.39 20	e	P		14 54 49.4						
GERES	comp=Z,1.39nm,19.5s,MS4.2,baz=232,slo=35				14 54 49.4						
MAW	Mawson 73.25 157	e	P		14 51 37.4						
MAW	comp=Z,2.5nm,0.8s,mb4.2,baz=261,slo=6.7,SNR=3.5				14 51 37.4						
MAW	Mawson 73.25 157	e	P		14 51 37.4						
MAW	comp=Z,1.25nm,19.2s,MS4.2,baz=57,slo=29				14 51 37.4						
MAW	Mawson 73.25 157	e	P		14 51 37.4						
AKASO	Kilim Array Be 73.95 27	e	P		14 27 27.9	+0.2					
AKASO	comp=Z,0.3nm,0.3s,mb3.8,baz=227,slo=6.4,SNR=8.6				14 27 27.9	+0.2					
AKASO	Kilim Array Be 73.95 27	e	P		14 27 27.9	+0.2					
SCHO	Schefferville 80.68 332	e	P		14 58 16.7						
SCHO	comp=Z,2.11nm,18.2s,MS4.3,baz=87,slo=32				14 58 16.7						
SCHO	Schefferville 80.68 332	e	P		14 58 16.7						
TKL	Tukaleechee C 81.35 310	e	P		14 59 13.4						
TKL	comp=Z,1.1nm,1.8s,MS4.3,baz=70,slo=32				14 59 13.4						
TKL	Tukaleechee C 81.35 310	e	P		14 59 13.4						
VNDA	Vanda 89.65 179	e	P		14 28 50.5	+0.2					
VNDA	comp=Z,2.9nm,0.9s,mb4.4,baz=196,slo=3.7,SNR=7.3				14 28 50.5	+0.2					
VNDA	Vanda 89.65 179	e	P		14 28 50.5	+0.2					
ULM	Lac du Bonnet 94.48 320	e	P		14 29 17.8	0.0					
ULM	comp=Z,5.7nm,20.5s,MS4.0,baz=232,slo=32				14 29 17.8	0.0					
ULM	Lac du Bonnet 94.48 320	e	P		14 29 17.8	0.0					

2d 15h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARCES, PDAR, FINES, OBN, NB2, NOA, KIV, AKASG, ASAR, STHS, TXAR, CL, MORC, BRTR, WCI, CDF, GRR, LMG, CAF.

NEIC 02 14:31:41.3, 1623N-9807W, h5km, MD4.0 (MEX), After MEX. MEX 02 14:31:40.9-1.0, 1622N-9806W, h5km, 8km, MD4.0, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PNIG, VHO, UTMO, HUIG, MEIG, CAIG, PLIG, YAIG, PPM, PTVM, IOG, MOIG.

IDC 02 14:37:18.5-9.2, 652S-15113E, h76km, 65km, mb3.3/3, mb1 3.5/4, mb1mx3.3/4, mbtm3.3/4, ML2.2/1, Error ellipse: s-maj=104.8km s-min=60.3km az=131.0, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMG, WRA, ASAR, FITZ, TORO, LDG, STR, MDD, PRXIMO, CARF, CLLI, VALF, CBRU.

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Table with columns: FILF, EJON, CORG, SALF, MTLF, CSOR, CFON, EPF, EPOB, LASF, ETSF, CAF, FITZ, WRA, WRA, ASAR, STKA, MKAR, ZAL. Includes station names and coordinates.

IDC 02 14:43:16.3-1.4, 672S-13002E, h0km, mb4.1/3, mb1 4.3/6, mb1mx4.0/1.5, mbtm4.1/7, ML4.2/3, Error ellipse: s-maj=73.9km s-min=21.7km az=73.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FITZ, WRA, WRA, ASAR, STKA, MKAR, ZAL.

STR 02 14:59:06.0-0.2, 4428N-721E, h5km, 1km, M11.9, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, LDG 02 14:59:05.6-0.2, 4432N-727E, h2km, Mdl1.6/2, M11.9/6, Error ellipse: s-maj=4.7km s-min=2.0km az=81.0, Northern Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TOUF, AUTN, SAOF, SBF, MBDF, FRF, LMR, ORIF, LPG, LPL, SMRF.

MAN 02 15:17:02.2, 1065N-12567E, h31km, mb2.3, ML3.9, MS2.2, Leyte

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PLP, SCPH, MSLP, BESP, IDC, NEIC, ISCB, MOS, YUK, SKR, KUR, LMR, YUK, CBRU.

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Table with columns: YSS, ASAJ, KRSR, INK, MKAR, YKA, FINES, AKASG, TXAR. Includes station names and coordinates.

ISCJB 02 15:26:49.0-1.0, 458N-02-1542E, h10km, mb3.8/9, Error ellipse: s-maj=26.8km s-min=14.0km az=144.0, IDC 02 15:26:49.0-1.1, 458N-15437E, h0km, mb3.8/9, mb1 3.9/10, mb1mx3.8/25, mbtm3.8/10, ML3.3/1, Error ellipse: s-maj=30.9km s-min=21.7km az=163.0, MOS 02 15:26:54.9-0.9, 458N-15429E, h51km, mb4.1/7, Error ellipse: s-maj=37.7km s-min=25.7km az=99.4, ISC 02 15:26:50.8-1.0, 459N-02-1542E, h10km, n17, r1500/17, mb3.8/9, East of Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YSS, ASAJ, SONM, INK, MKAR, YKA, YKA, BVAR, FINES, ASAR, AKASG, TXAR, TXAR.

IDC 02 15:32:00.7-2.5, 649S-13106E, h0km, mb3.6/1, mb1 4.1/4, mb1mx3.8/1.4, mbtm3.9/4, ML4.0/3, MS1 4.0/1, ms1mx2.7/26, Error ellipse: s-maj=107.9km s-min=28.0km az=79.0, Tanimbar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FITZ, WRA, ASAR, AFI, MKAR.

CASC 02 15:40:24.4-2.4, 1119N-8568W, h147km, 8km, MD3.7, ML2.9, 4C-1D, Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SSNN, MADN, CONN, VCR, JTS, JCR, CAO, EPA, CGAZ, PRS1, LAJ, LCR2.

IDC 02 15:47:17.1-7.3, 4726N-15574E, h0km, mb3.7/7, mb1 3.8/7, mb1mx3.6/23, mbtm3.7/7, Error ellipse: s-maj=34.9km s-min=32.9km az=168.0, ISCB 02 15:47:23.8-4.4, 477N-02-1557E, h0km, 32km, mb3.7/7, Error ellipse: s-maj=34.4km s-min=31.3km az=100.6, MOS 02 15:47:23.8-1.4, 4753N-15559E, h56km, mb4.2/4, Error ellipse: s-maj=56.5km s-min=20.9km az=89.0, ISC 02 15:47:23.5-6.8, 476N-01-1557E-03, h33km, 47km, n12, r1501/13, mb3.7/7, East of Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SKR, MKAR, YKA, FINES, NOA, NOA.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ASAJ, JKK2, JCH, etc.

ISC/JB 02 23:14:31.3-1.2, 442N:03:1480E:02, h169km, 13km, mb3.2/4, Error ellipse: s-maj=51.0km s-min=15.1km az=125.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like NEM2, JRA, JNK, etc.

IDC 02 23:17:07.3-1.0, 2197N:14320E, h0km, mb3.6/6, mb1 3.9/7, mb1mx3.8/21, mb1mx3.7/7, ML3.6/1, Error ellipse: s-maj=38.0km s-min=20.9km az=87.0, Mariana Islands region

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

NIED 02 23:36:00, 4650N:15400E, h11km, Mw4.9 Best double couple: Mo=2.51000e+10, NP1=206.00000, b64.00000, lambda=109.00000, NP2=64.00000, b31.00000, lambda=56.00000

IDC 02 23:36:12.2-0.5, 4609N:15463E, h0km, mb4.6/25, mb1 4.8/26, mb1mx4.7/29, mb1mx4.6/26, ML4.6/1, MS4.1/14, Ms1 4.1/14, ms1mx3.8/31, Error ellipse: s-maj=15.9km s-min=12.9km az=154.0

JMA 02 23:36:17.6-1.0, 4655N:15399E, h30km, M5.1 BGS 02 23:36:20.8, 4608N:15448E, h10km, mb5.3 SZGRF 02 23:36:21.7, 4653N:15311E, h23km, mb5.2, Kuril Islands, Russia

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

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

PET 02 23:14:31.3-0.5, 4428N:14840E, h121km, M3.6, IDC 02 23:14:01.3-0.3, 2.4517N:14801E, h216km, 45km, mb3.0/4, mb1 3.2/5, mb1mx2.9/22, mb1mx3.0/5, Error ellipse: s-maj=90.1km s-min=28.7km az=179.0

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

IDC 02 23:17:07.3-1.0, 2197N:14320E, h0km, mb3.6/6, mb1 3.9/7, mb1mx3.8/21, mb1mx3.7/7, ML3.6/1, Error ellipse: s-maj=38.0km s-min=20.9km az=87.0, Mariana Islands region

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

IDC 02 23:36:12.2-0.5, 4609N:15463E, h0km, mb4.6/25, mb1 4.8/26, mb1mx4.7/29, mb1mx4.6/26, ML4.6/1, MS4.1/14, Ms1 4.1/14, ms1mx3.8/31, Error ellipse: s-maj=15.9km s-min=12.9km az=154.0

SKHL 02 23:36:13.5-2.1, 46110N:15470E, h54km, 19km, mb5.1/4, mbh5.1/1, mbv5.1/1, ms4.7/5, msh5.2/3 GCMT 02 23:36:14.3-0.4, 46177N:15463E, h17km, 1km, MW4.9/64, Moment Tensor Solution. s25,c35; s64,c106; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=2.74e-17; Mo=1.29e+11; M0=1.45e+11; Mw=0.19e+30; Mws=1.80e+07; Mws=0.39e+28; Best double couple: Mo=2.98900e+10, NP1=47.00000, b41.00000, lambda=85.00000, NP2: q=221.00000, b40.00000, lambda=94.00000; Principal axes: T=3.2010, P1g4.00000, Azm3.00000; N=-0.4240, P1g3.00000, Azm223.00000; P=-2.7770, P1g85.00000, Azm95.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 02 23:36:14.3-0.2, 4608N:15448E, h10km, mb5.1/57 Error ellipse: s-maj=6.8km s-min=4.0km az=166.0 BJI 02 23:36:15.8, 4636N:15405E, h10km, mb5.1, mb4.8, MS4.5, MS2.4

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

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

CLNS 02 23:14:31.3-0.5, 4428N:14840E, h121km, M3.6, IDC 02 23:14:01.3-0.3, 2.4517N:14801E, h216km, 45km, mb3.0/4, mb1 3.2/5, mb1mx2.9/22, mb1mx3.0/5, Error ellipse: s-maj=90.1km s-min=28.7km az=179.0

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

IDC 02 23:17:07.3-1.0, 2197N:14320E, h0km, mb3.6/6, mb1 3.9/7, mb1mx3.8/21, mb1mx3.7/7, ML3.6/1, Error ellipse: s-maj=38.0km s-min=20.9km az=87.0, Mariana Islands region

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

IDC 02 23:36:12.2-0.5, 4609N:15463E, h0km, mb4.6/25, mb1 4.8/26, mb1mx4.7/29, mb1mx4.6/26, ML4.6/1, MS4.1/14, Ms1 4.1/14, ms1mx3.8/31, Error ellipse: s-maj=15.9km s-min=12.9km az=154.0

SKHL 02 23:36:13.5-2.1, 46110N:15470E, h54km, 19km, mb5.1/4, mbh5.1/1, mbv5.1/1, ms4.7/5, msh5.2/3 GCMT 02 23:36:14.3-0.4, 46177N:15463E, h17km, 1km, MW4.9/64, Moment Tensor Solution. s25,c35; s64,c106; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=2.74e-17; Mo=1.29e+11; M0=1.45e+11; Mw=0.19e+30; Mws=1.80e+07; Mws=0.39e+28; Best double couple: Mo=2.98900e+10, NP1=47.00000, b41.00000, lambda=85.00000, NP2: q=221.00000, b40.00000, lambda=94.00000; Principal axes: T=3.2010, P1g4.00000, Azm3.00000; N=-0.4240, P1g3.00000, Azm223.00000; P=-2.7770, P1g85.00000, Azm95.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 02 23:36:14.3-0.2, 4608N:15448E, h10km, mb5.1/57 Error ellipse: s-maj=6.8km s-min=4.0km az=166.0 BJI 02 23:36:15.8, 4636N:15405E, h10km, mb5.1, mb4.8, MS4.5, MS2.4

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

WB2	Warramunga Arr	46.20 265	eP	P	03 21 27.8	-1.1
WB2	Warramunga Arr	46.20 276	eP	P	03 21 27.6	-1.3
WRA	Warramunga Arr	46.22 265	P	P	03 21 28.0	-0.9
10.0nm,0.8s,mb4.8,baz=101,slow=8.2,SNR=49						
WRA	comp=2.202nm,18.5s,MS4.1	baz=85	slow=36	LR	03 40 23.2	
KAKA	Kakadu	50.12 273	eP	P	03 21 58.0	-1.1
5.9nm,0.6s,mb4.8						
FITZ	Fitzroy Crossi	54.63 264	eP	P	03 22 32.8	+0.2
1.1nm,0.9s,mb4.9						
FITZ	Fitzroy Crossi	54.63 264	P	P	03 22 32.6	+0.1
6.1nm,0.8s,mb4.7,baz=82,slow=7.0,SNR=10						
VNDA	Vanda	54.73 196	LR	LR	03 39 55.1	
comp=2.53nm,21.3s,MS3.6,baz=29,slow=29						
VNDA	Vanda	54.73 186	eP	P	03 22 35.8	+2.6
6.2nm,1.3s,mb4.5						
QSPA	South Pole Qui	66.18 180	eP	P	03 23 51.7	+0.3
42nm,0.8s,mb5.7						
MJAR	Matsuhiro Arr	74.13 323	P	P	03 24 39.8	-0.4
1.6nm,0.9s,mb4.0,baz=152,slow=5.2,SNR=3.5						
MAW	Mawson	79.05 199	eP	P	03 25 08.9	+1.0
2.9nm,0.6s,mb4.3						
MAW	Mawson	79.05 199	P	P	03 25 08.8	+0.8
3.1nm,0.6s,mb4.4,baz=120,slow=4.0,SNR=12						
YSS	Yuzh-Sakhalins	79.83 333	eP	P	03 25 12.3	+0.1
1.7nm,0.8s,mb5.0						
NSRS	Korea Array	80.75 318	LR	LR	03 57 21.0	
comp=2.48nm,20.4s,MS3.9,baz=162,slow=33						
KVAR	Mina Array Ba	82.15 42	P	P	03 25 22.6	-1.9
1.0nm,0.7s,mb3.9,baz=229,slow=8.2,SNR=5.6						
SNA	Sanae	84.56 178	e	P	03 25 36.3	-0.6
SNA	Sanae	84.56 178	e	pP	03 25 49.7	+1.7
SNA	Sanae	84.56 178	e	P	03 25 36.0	-1.0
5.6nm,1.1s,mb4.6						
VNA3	Neumayer Olymp	84.62 176	e	P	03 25 36.4	-0.8
VNA3			e	P	03 25 40.7	
VNA3			e	P	03 25 49.9	
VNA3			e	P	03 26 02.9	
VNA2	Neumayer-Watz	85.08 176	e	P	03 25 39.3	-0.3
VNA2			e	P	03 25 43.5	
VNA2			e	pP	03 25 52.5	+1.9
VNA2			e	P	03 26 04.1	
VNA1	Neumayer-Stat	85.30 176	e	P	03 26 04.2	-0.5
VNA1			e	P	03 25 44.8	
VNA1			e	pP	03 25 53.6	+1.9
VNA1			e	P	03 26 09.4	
PSI	Prapat	86.78 274	e	P	03 25 48.9	+0.9
6.3nm,0.8s,mb4.9,baz=160,slow=4.0,SNR=7.4						
TXAR	Lajitas Array	87.22 56	P	P	03 25 50.6	+0.5
1.5nm,1.0s,mb4.2,baz=232,slow=4.1,SNR=5.3						
TXAR			LR	LR	03 58 29.2	
PDAR	Pinedale Array	90.08 42	P	P	03 26 05.1	+1.5
0.8nm,1.0s,mb4.0,baz=210,slow=8.1,SNR=4.0						
COLA	College	91.10 12	eP	P	03 26 07.7	-0.7
4.8nm,0.9s,mb4.8						
CHTO	Chiung Miao	93.27 289	eP	P	03 26 20.9	+2.5
8.0nm,0.8s,mb5.2						
LPAZ	La Paz	98.91 112	LR	LR	04 02 27.4	
comp=2.50nm,18.5s,MS4.0,baz=293,slow=30						
SUW	Suwalki	146.72 339	ePKPbc	PKPbc	03 32 45.8	+0.3
AKASG	Malin Array Be	146.93 330	ePKPbc	PKPbc	03 32 45.6	-0.6
4.3nm,0.7s,baz=40,slow=4.0,SNR=27						
AKBB	Malin Array Si	146.95 330	ePKPbc	PKPbc	03 32 45.7	-0.5
AKBB			e	P	03 32 57.4	
KIEV	Kiev	146.97 330	ePKPbc	PKPbc	03 32 45.6	-0.6
MALT	Malatya	147.55 304	ePKPbc	PKPbc	03 32 49.1	+1.3
BR131	Keskin Array S	150.58 309	ePKPbc	PKPbc	03 32 56.1	+0.6
BRTR	Keskin Array B	150.58 309	ePKPbc	PKPbc	03 32 55.9	+0.4
1.9nm,0.8s,baz=121,slow=3.3,SNR=13						
BRTR			ePKPbc	PKPbc	03 33 02.4	+0.1
CLL	Collm	151.81 348	iPKPbc	PKPbc	03 32 58.3	0.0
comp=2.6,0nm,0.9s						
CLL			iPKPbc	PKPbc	03 33 03.8	-3.6
CLL			iPKPbc	PKPbc	03 33 11.6	-7.0
BRG	Berggiesshubel	152.03 347	eP	PKPpdf	03 32 59.2	+6.9
comp=2.3,1nm,1.2s						
BRG			i		03 33 11.7	
MORC	Moravsky	152.13 341	ePKPbc	PKPbc	03 32 59.3	+0.2
PSZ	Piszkesteto	152.97 336	ePKPbc	PKPbc	03 33 13.0	+0.8
KHC	Kaspecke Hory	153.75 346	ePKPbc	PKPbc	03 33 16.0	+0.4
GERES	GERESS Array B	154.00 346	ePKPbc	PKPbc	03 33 02.9	-0.3
comp=2.0,3nm,0.6s,baz=37,slow=3.3,SNR=3.9						
GERES			ePKPbc	PKPbc	03 33 14.2	-2.5
comp=2.0,8nm,0.9s,baz=354,slow=2.7,SNR=5.0						
TORD	Torodi Ar. Bea	169.05 167	PKP	PKPpdf	03 33 10.5	-0.2
comp=2.1,1nm,1.1s,baz=247,slow=2.4,SNR=9.9						
TORD			ePKPbc	PKPbc	03 34 23.3	+1.0
comp=2.0,5nm,0.8s,baz=174,slow=3.6,SNR=2.9						
TORD	Torodi Ar. Bea	169.05 167	PKP	PKPpdf	03 33 10.5	-0.2
TORD			ePKPbc	PKPbc	03 34 23.3	+1.0

CTA	Charters Tower	31.24 272	P	P	03 35 01.3	+1.7
12nm,0.4s,mb4.8						
CTAO	Charters Tower	31.24 272	eP	P	03 35 00.8	+1.2
25nm,0.7s,mb4.8						
STKA	Stephens Creek	34.08 250	iP	P	03 35 25.1	+1.3
5.0nm,0.4s,mb4.4						
STKA	Stephens Creek	34.08 250	P	P	03 35 25.5	+1.7
6.1nm,0.5s,mb4.5,baz=94,slow=10.0,SNR=32						
STKA			ScP	ScP	03 40 45.2	+2.8
PMG	Port Moresby	34.62 291	P	P	03 35 27.9	-0.4
8.2nm,0.7s,mb4.4,baz=134,slow=6.4,SNR=4.3						
PMG	Port Moresby	34.62 291	eP	P	03 35 27.5	-0.8
8.6nm,0.7s,mb4.4						
COEN	Coen	36.05 281	eP	P	03 35 41.2	+1.0
5.6nm,0.8s,mb4.2						
ASAR	Allice Springs	41.61 262	P	P	03 36 26.4	+1.2
6.8nm,0.3s,mb4.2,baz=94,slow=6.8,SNR=69						
ASAR			pP	ScP	03 37 58.3	+0.1
1.9nm,0.8s,baz=102,slow=8.2,SNR=5.0						
ASAR			ScP	ScP	03 41 12.8	+1.8
1.2nm,0.8s,baz=127,slow=4.2,SNR=7.0						
WB2	Warramunga Arr	42.07 267	iP	P	03 36 29.3	+0.4
WRA	Warramunga Arr	42.07 267	P	P	03 36 29.4	+0.5
12nm,0.4s,mb4.7,baz=103,slow=8.0,SNR=119						
WRA			iP	ScP	03 38 01.4	-0.8
0.7nm,0.4s,baz=100,slow=7.0,SNR=17.7						
WRA			ScP	ScP	03 41 16.4	+3.4
4.7nm,0.9s,baz=100,slow=4.2,SNR=13						
FORT	Forrest	45.69 251	iP	P	03 36 56.9	-0.1
2.1nm,0.6s,mb4.8						
KAKA	Kakadu	46.16 276	eP	P	03 37 00.3	-0.2
6.1nm,0.4s,mb4.5						
FITZ	Fitzroy Crossi	50.49 267	eP	P	03 37 33.7	+0.9
1.3nm,0.7s,mb4.5						
FITZ	Fitzroy Crossi	50.49 267	P	P	03 37 34.4	+1.5
8.2nm,0.8s,mb4.2,baz=138,slow=9.4,SNR=12						
VNDA	Vanda	53.27 185	P	P	03 37 54.5	+1.7
1.1nm,0.5s,mb3.4,baz=340,slow=3.3,SNR=11						
VNDA			e	P	03 37 54.2	+1.4
1.6nm,0.7s,mb3.5						
KLUB	Kellerberrin	54.33 248	eP	P	03 37 59.6	-0.7
1.1nm,0.8s,mb4.2						
MND	Mundaring	55.56 247	eP	P	03 38 09.4	+0.4
MAW	Mawson	76.63 201	P	P	03 40 21.3	+1.2
1.6nm,0.7s,mb3.6,baz=127,slow=10.0,SNR=4.1						
FARB	Farallon Islan	82.35 42	iP	P	03 40 50.4	+0.2
HAST	Hastings Re	82.43 44	iP	P	03 40 50.8	+0.2
buz=82						
PKD	Parkfield	82.80 45	iP	P	03 40 52.5	0.0
buz=83						
U04C	Hernandez Rese	82.90 44	iP	P	03 40 53.6	+0.6
PACP	Pacheco Peak	82.98 44	iP	P	03 40 54.4	+1.0
buz=83						
CVS	Carment Viney	83.09 42	iP	P	03 40 53.6	-0.4
NSHM	Saint Helena R	83.11 42	eP	P	03 40 53.6	-0.4
HOPS	Hoiland	83.13 41	iP	P	03 40 54.0	-0.1
buz=83						
V05C	Boulder Hill,	83.16 45	iP	P	03 40 53.8	-0.5
109S	Camp Elliot, M	83.26 49	iP	P	03 40 54.8	0.0
buz=83						
S04C	Ingram Canyon,	83.26 43	iP	P	03 40 55.7	+0.9
buz=83						
ARVC	Arvin	83.42 46	iP	P	03 40 55.8	+0.2
buz=84						
O01C	Eel River Cons	83.43 40	iP	P	03 40 55.2	-0.5
MMRC	McLaughlin Nat	83.44 42	iP	P	03 40 56.6	+0.9
buz=84						
Q03C	Winters	83.54 42	iP	P	03 40 57.2	+1.0
buz=84						
SNA	Sanae	83.58 179	e	P	03 40 55.9	-0.5
SNA	Sanae	83.58 179	e	P	03 41 17.5	
SNA	Sanae	83.58 179	eP	P	03 40 55.6	-0.8
1.5nm,0.6s,mb3.7						
MURC	Murieta	83.61 48	iP	P	03 40 56.9	+0.3
buz=84						
BFSC	Mount Baldy St	83.67 48	iP	P	03 40 56.8	0.0
buz=84						
YES	Vestal, Richgr	83.68 46	iP	P	03 40 56.5	-0.3
buz=84						
MONP	Monument Peak	83.73 49	iP	P	03 40 58.0	+0.8
buz=84						
GASB	Alder Springs	83.76 41	iP	P	03 40 58.7	+1.4
buz=84						
S05C	Mercer	83.79 44	eP	P	03 40 57.6	+0.2
buz=84,SNR=5.4						
VNA3	Neumayer Olymp	83.80 177	e	P	03 40 57.4	-0.1
VNA3			e	P	03 41 02.6	
VNA3			e	P	03 41 21.9	
DVTC	Desert V Tower	83.82 50	iP	P	03 40 57.5	-0.1
buz=84						
EDW2	Edwards Air Fo	83.82 47	iP	P	03 40 57.9	+0.3
ISA	Isabella	83.97 46	P	P	03 40 58.5	+0.1
buz=84,SNR=9.6						
T06C	Millerton Lake	83.97 45	P	P	03 40 58.4	0.0
buz=84,SNR=8.7						
SUTB	Sutter Butte	84.06 42	iP	P	03 40 58.6	-0.1
O02C	Red Bluff	84.06 41	iP	P	03 40 59.8	+1.0
buz=84						
Q04C	Lincoln	84.06 42	iP	P	03 40 59.7	+0.9
N02C	Big Bar	84.17 40	iP	P	03 40 59.5	+0.2
buz=84						
CMB	Columbia Colle	84.17 43	eP	P	03 40 58.5	-0.8
13nm,1.2s,mb4.3						
CMB	Columbia Colle	84.17 43	P	P	03 40 59.1	-0.3
buz=84,SNR=7.6						
SWSC	Sam W. Stewart	84.19 50	iP	P	03 40 59.6	+0.2
buz=84						
VNA2	Neumayer-Watz	84.21 178	e	P	03 40 59.6	+0.1
VNA2			e	P	03 41 04.2	
VNA2			e	P	03 41 23.4	
HELL	Mitchell Peak	84.22 45	eP	P	03 40 59.0	-0.5
buz=84,SNR=5.4						
OHCM	Honcut	84.31 42	eP	P	03 40 59.3	-0.7
LRMC	Laurel Mountai	84.37 47	iP	P	03 41 00.2	-0.1
buz=84						
O03C	Acorn Hollow,	84.39 41	iP	P	03 41 00.4	0.0
buz=84						
LAVA	Lava Cap Winer					

E05A	Randle	88.70	36	↑P	P	03 41 20.4	-0.4
N11A	Elko Archery C	88.72	43	↓P	P	03 41 21.5	+0.5
F06A	Goldendale	88.73	37	↑P	P	03 41 20.2	-0.8
B04A	Port Angeles	88.75	34	↓P	P	03 41 21.4	+0.3
C04A	Brinnon	88.80	35	↓P	P	03 41 21.3	-0.1
H08A	Drewsey	88.84	40	↓P	P	03 41 21.6	+0.1
D05A	Enunclaw	88.97	35	↓P	P	03 41 23.3	+1.2
J09A	Fry Pan Ranch,	88.97	40	↓P	P	03 41 22.3	+0.1
G12A	Currie	89.03	44	↑P	P	03 41 22.4	-0.1
O07A	Ruggs Ranch, H	89.03	38	↓P	P	03 41 22.2	-0.2
M11A	Holland Ranch,	89.04	43	↓P	P	03 41 22.9	+0.4
E06A	Yakima	89.11	36	↑P	P	03 41 22.5	-0.2
H08A	Prairie City,	89.14	39	↓P	P	03 41 23.3	+0.3
N12A	Clover Valley,	89.18	44	↓P	P	03 41 23.3	+0.2
F07A	Phinny Hill Vi	89.28	37	↓P	P	03 41 23.6	+0.1
I09A	Lost Marbles R	89.35	40	↓P	P	03 41 23.9	+0.0
G08A	Pilot Rock	89.45	38	↓P	P	03 41 24.1	-0.2
C05A	Toll Reservoir	89.45	35	↓P	P	03 41 24.3	-0.1
M12A	Wells	89.57	43	↓P	P	03 41 25.1	+0.1
A04A	Legoe Bay, Lum	89.58	34	↓P	P	03 41 25.6	+0.7
D06A	Cle Elum	89.58	36	↑P	P	03 41 25.1	+0.1
B05A	Bryant	89.60	35	↑P	P	03 41 25.2	+0.1
J10A	Berg Farm, Mel	89.61	41	↓P	P	03 41 25.8	+0.0
E07A	Sunnyside	89.72	37	↓P	P	03 41 25.5	-0.1
H09A	Durkee	89.81	39	↓P	P	03 41 25.6	-0.4
F08A	Pendleton	89.86	38	↓P	P	03 41 25.8	-0.4
M13A	Montello	90.01	43	↓P	P	03 41 27.3	+0.4
D07A	Quincy	90.05	36	↓P	P	03 41 27.5	+0.3
E08A	Bider Farm, El	90.12	37	↓P	P	03 41 27.8	+0.3
BMO	Blue Mountains	90.12	39	eP	P	03 41 26.7	-0.8
DUG	Dugway	90.22	45	eP	P	03 41 27.2	-0.8
F09A	S2 Ranch, Elgi	90.29	38	↑P	P	03 41 27.9	-0.4
H10A	Noah's Angus R	90.29	40	↓P	P	03 41 27.8	-0.5
C07A	Waterville	90.31	36	↓P	P	03 41 27.7	-0.7
I11A	Placerville	90.36	41	↑P	P	03 41 28.6	0.0
D08A	Woolam Farm,	90.54	37	↑P	P	03 41 28.9	-0.4
E09A	Wood Farm, Sta	90.64	38	↓P	P	03 41 29.2	-0.6
B07A	Winthrop	90.75	35	↑P	P	03 41 29.3	-1.1
TMUT	Trail Mountain	90.78	46	eP	P	03 41 31.1	+0.6
H11A	Donnelly	90.79	40	↓P	P	03 41 30.3	-0.2
F10A	Beach Ranch, E	90.83	38	↓P	P	03 41 30.7	-1.0
D09A	Jones Farm, Ri	90.87	37	↓P	P	03 41 30.4	-0.6
A07A	Ashnola River,	90.98	35	↑P	P	03 41 30.9	-0.6
MNTX	Cornudas Mount	91.05	55	eP	P	03 41 31.6	-0.2
SPUT	South Promonto	91.06	44	eP	P	03 41 27.2	-4.6
HLID	Hailey	91.09	42	eP	P	03 41 31.7	-0.2
HLID	Hailey	91.09	42	eP	P	03 41 32.1	+0.1
B08A	Colville Reser	91.11	36	↓P	P	03 41 30.7	-1.4
E10A	Myers Farm, Un	91.20	38	↑P	P	03 41 32.3	-0.1
TXAR	Lajitas Array	91.23	58	P	P	03 41 33.2	+0.7
LTX	Lajitas	91.23	58	eP	P	03 41 32.8	+0.7
C09A	Chrisman Ranch	91.33	37	↓P	P	03 41 32.1	-1.0
D10A	Wagner Farm, O	91.44	38	↓P	P	03 41 32.7	-0.8
A08A	Turner Farm, O	91.50	35	↑P	P	03 41 32.6	-1.2
B09A	Rice	91.77	36	↑P	P	03 41 34.0	-1.1
HWUT	Hardware Ranch	91.78	44	eP	P	03 41 34.5	-0.6
MCK	McKinley	91.81	13	eP	P	03 41 32.8	-2.5
ANMO	Albuquerque	91.84	52	eP	P	03 41 35.1	-0.3
D11A	Klaveano Farm,	91.96	38	↓P	P	03 41 35.6	-0.4
G13A	Cobalt	92.05	40	↓P	P	03 41 36.4	+0.1
F13A	Darby	92.38	40	↑P	P	03 41 36.9	-1.0
COLA	College	93.04	13	eP	P	03 41 38.7	-2.2
A11A	Hall Mountain,	93.05	36	↓P	P	03 41 40.2	-0.7
G15A	Dillon	93.12	41	↓P	P	03 41 40.9	-0.4
MOOW	Moose Ponds	93.42	43	eP	P	03 41 42.1	-0.6
LOHW	Long Hollow	93.44	43	eP	P	03 41 42.1	-0.6
CHMT	Chamberlain Mo	93.63	39	eP	P	03 41 42.6	-1.0
PDAR	Pinedale Array	93.66	44	↓P	P	03 41 43.0	-0.8
SDCO	Great Sand Dun	93.86	50	eP	P	03 41 44.4	-0.3
BOZ	Bozern (W)	93.89	41	eP	P	03 41 43.7	-1.1
INK	Inuvik	99.15	16	P	Pdf	03 42 06.3	-2.1
YKA	Yellowknife Ar	101.46	26	PKIKP	P	03 46 36.9	-2.6
MKAR	Makanchi Array	112.70	312	PKIKP	P	03 46 58.5	-1.9
MKAR	Makanchi Array	112.70	312	PKIKP	P	03 49 46.5	
BVAR	Borovoye Array	121.08	318	SKP	P	03 50 03.3	
ARU	Aruti	127.61	323	ePKP	Pdf	03 47 27.7	-1.3
LSUKA	Lusaka	131.28	218	ePKP	Pdf	03 47 28.1	+2.2
ARCES	ARCES Array B	132.90	349	PKIKP	P	03 47 28.7	
ARCES	ARCES Array B	132.90	349	PKIKP	P	03 47 30.0	-0.2
ARCES	ARCES Array B	132.90	349	PKIKP	P	03 50 17.6	-0.7
KAF	Kangasniemi	138.80	341	eP	P	03 47 39.0	
FINES	FINES Array B	139.40	341	PKhKP	P	03 47 41.1	
FINES	FINES Array B	139.40	341	PKhKP	P	03 47 48.8	-2.3
FINES	FINES Array B	139.40	341	PKhKP	P	03 50 37.3	-0.5
NB2	NORSAR Subarra	143.12	351	PKP	Pdf	03 47 53.5	-4.2
NOA	NORSAR Array B	143.12	351	PKP	Pdf	03 47 54.3	-0.4
NOA01	NORSAR Array S	143.35	351	ePKP	Pdf	03 47 54.2	-3.9
MALT	Malatya	144.73	302	ePKP	Pdf	03 48 01.4	+0.9

AKASG	Malin Array Be	145.74	326	PKPbc	PKPbc	03 48 02.3	-1.5
AKASG	comp=Z,4.5nm,0.5s,baz=44,slow=4.2,SNR=42					03 49 59.7	
AKASG	comp=Z,1.0nm,0.6s,baz=45,slow=4.2,SNR=4.0			PP		03 51 23.1	-6.7
AKB6	Malin Array Si	145.74	326	ePKPbc	PKPbc	03 48 02.0	-1.7
KIEV	Kiev	145.75	326	ePKPbc	PKPbc	03 48 02.0	-1.8
BR131	Keekin Array S	148.02	306	ePKPbc	PKPbc	03 48 09.4	-0.5
BRTR	Keekin Array B	148.02	306	ePKPbc	PKPbc	03 48 09.6	-0.3
EIL	Elat	148.43	286	ePKPbc	PKPbc	03 48 11.0	+0.1
ANTO	Ankara	148.49	306	ePKPbc	PKPbc	03 48 11.2	-0.1
ANTO	Ankara	148.59	306	ePKPbc	PKPbc	03 48 11.3	0.0
CSG	Prudermos	149.36	287	ePKPbc	PKPbc	03 48 13.7	-0.1
KWP	Kalwarja	149.59	330	ePKPbc	PKPbc	03 48 13.1	-0.6
TIRR	Tirgusor	149.69	317	↑P	PKPbc	03 48 13.6	-0.4
TIRR	Tirgusor	149.69	317	↑P	PKPbc	03 48 13.6	-0.4
BURAR	Bucovina Array	149.72	325	↑P	PKPbc	03 48 14.8	+0.8
KOLS	Kolonic sedc	150.29	329	ePKP	PKPbc	03 48 15.1	-0.3
STHS	Stebnicka Huta	150.40	331	ePKP	PKPbc	03 48 15.5	-0.1
OJC	Ojcow	150.41	333	ePKP	PKPbc	03 48 15.1	-0.5
MLR	Muntele Rosu	150.61	321	↑P	PKPbc	03 48 15.3	-0.8
MLR	Muntele Rosu	150.61	321	↑P	PKPbc	03 48 15.3	-0.8
CRVS	Cervenica-Dubn	150.68	330	ePKP	PKPbc	03 48 15.7	-0.6
NIE	Niedzica	150.81	332	ePKP	PKPbc	03 48 16.7	+0.1
DRGR	Drzymoski	151.32	326	ePKP	PKPbc	03 48 16.7	+0.7
DPC	Dobruska-Polom	151.61	337	ePKPbc	PKPbc	03 48 18.0	-0.4
MORC	Moravsky Berou	151.64	335	ePKPbc	PKPbc	03 48 17.8	-0.7
MORC	Moravsky Berou	151.64	335	ePKPbc	PKPbc	03 48 17.4	-1.0
CLL	Colim	151.82	342	↑P	PKPbc	03 48 18.2	-0.6
CLL	Colim	151.82	342	↑P	PKPbc	03 48 18.2	-0.6
CLL	comp=Z,1.6nm,0.8s					03 48 30.0	+0.3
BRG	Bergjesshubb	151.94	341	iP	PKPbc	03 48 18.4	-0.7
BRG	comp=Z,4.4nm,0.9s					03 48 29.7	
BRG	comp=Z,5.3nm,1.4s					03 50 18.6	
PVCC	Panska Ves	152.05	340	ePKPbc	PKPbc	03 48 18.8	-0.5
VYCH	Vyhne	152.14	332	ePKP	PKPbc	03 48 18.9	-0.7
PRU	Pruhonice	152.52	339	ePKPbc	PKPbc	03 48 19.6	-0.8
BZS	Buzias	152.91	325	↑P	PKPbc	03 48 20.4	-0.8
KHC	Kaspersky Hory	153.58	339	ePKPbc	PKPbc	03 48 22.0	-0.7
GERES	GERES Array B	153.79	339	PKPbc	PKPbc	03 48 22.4	-0.7
GERES	comp=Z,1.1nm,0.8s,baz=29,slow=3.0,SNR=7.6					03 48 37.6	-1.1
PKSM	PKSM Array	153.82	329	0.0	PKPbc	03 48 22.5	-1.0
ESDC	Seneca Array	165.04	11	PKPab	PKPab	03 49 26.3	-1.5
TOAO	Torodi Ar. Sit	168.06	189	ePKPab	PKPab	03 49 41.7	+0.5
TORD	Torodi Ar. Bea	168.06	189	ePKP	PKPab	03 48 28.9	-0.7
TORD	comp=Z,0.9nm,0.7s,baz=33,slow=6.6,SNR=8.3					03 49 42.2	+1.0

SKO 03 03:38:36.7, 3918N-2304E, h7km
 NEIC 03 03:38:37.3, 3926N-2301E, h17km, ML3.2(ATH), After
 CSEJ 03 03:38:37.4, 0.6, 3927N-2301E, h6km, 5km,
 Error ellipse: s-maj=4.4km s-min=4.3km az=26.8
 ATH 03 03:38:37.3, 3926N-2301E, h17km, 2km, MD3.5/21, ML3.2
 SOF 03 03:38:38.1, 3937N-2309E, h10km, MD2.7
 CSEM 03 03:38:38.0, 1.1, 3929N-2301E, h15km, ML3.2, Error
 ellipse: s-maj=1.9km s-min=1.5km az=83.0
 ISC 03 03:38:37.7, 0.6, 3926N-2301E, h3km, 5km, n45,
 0591/50, 3C-4D, Aegean Sea

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h	s
NEO	Neokhori	0.17	74	↑PB	Pg	03 38 41.7	+0.6
NEO				eSB	Pg	03 38 45.0	+1.6
LKR	Lokris	0.61	181	↑PB	Pg	03 38 48.8	-0.6
LTH	Lokrotos Springs	0.83	292	↑PB	Pg	03 38 52.0	-1.6
EVH	Evrytania	0.99	250	eSN	Sg	03 39 05.0	+0.7
EVH				eSN	Sg	03 39 05.5	+1.3
PLG	Polygyros	1.17	17	↑PB	Sg	03 38 59.5	-0.6
PLG				eSN	Sg	03 39 15.2	0.0
MGER	Gerania Oros	1.28	171	ePN	Pg	03 39 01.5	-0.9
PTL	Ptelia	1.38	151	ePN	Pg	03 39 04.0	+0.1
ATH	Athens Observa	1.70	228	ePN	Pg	03 40 05.4	+0.6
KZN	Kozani	1.42	318	ePN	Pn	03 39 03.7	-0.7
KZN				eSN	Pn	03 39 23.1	-0.4
NAIG	Nisos Aigina	1.54	167	ePN	Pn	03 39 05.5	-0.6
KVR	Kavouri	1.55	157	ePN	Pn	03 39 05.8	-0.4
RLS	Riosof of Patr	1.70	228	ePN	Pn	03 39 08.6	+0.3
JAN	Janina	1.72	284	ePN	Pn	03 39 09.5	+1.0
LIA	Limnos Island	1.80	68	ePB	Pn	03 39 08.2	-1.4
VAY	Valandovo	2.09	351	ePN	Pn	03 39 12.6	-1.0
VLS	Valsamota	2.18	241	ePB	Pn	03 39 14.9	+0.1
BIA	Bitola	2.18	324	ePN	Pn	03 39 14.2	-0.6
BIA	Bitola	2.18	324	ePN	Pn	03 39 14.2	-0.6
NVR	Nevrokopi	2.19	17	ePN	Pn	03 39 16.8	+1.8
ITM	Ithomi	2.24	203	ePN	Pn	03 39 17.1	+1.4
MMB	Musomiste	2.39	13	iP	Pn	03 39 16.9	-0.9
SRN	Sarande	2.41	286	iP	Pn	03 39 19.8	+1.8
KRUS	Krusevo						

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Montolieu, Esparrros, Tipagrande, Elizondo, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Boso 1, Boso 4, Katsuura, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Boso 1, Boso 4, Katsuura, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like JAK Akkeshi, NEM2 Nemuro 2, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like JEM Erimo, ERM Ermo, ASAJ Asahikawa, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like MAJO Matsushiro, KLR Katsurui, CIT Chita, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like ZAK Zakamensk, ZAK Lanzhou, CD2 Chengdu, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like JMA 03:05:33, JMA 03:05:33, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like NEIC 03:05:46, WEL 03:05:46, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PXZ Pawnu, TIWZ Tintock, BFZ Birch Farm, etc.

PRU 03 05:56:01.2, 4266N-1755E, h0km
CSEM 03 05:56:04.0, 2, 4317N, 1829E, h1km, 1km, MD2.8, Error ellipse: s-maj=2.2km s-min=1.6km az=52.0

BE0 03 05:56:04.0, 3.0, 1, 4328N, 1807E, h8km
PDG 03 05:56:04.0, 3.0, 1, 4309N, 1831E, h1km, 1km
NEIC 03 05:56:05.4, 4309N, 1831E, h1km, MD2.8(PDG), After PDG.

ISCJB 03 05:56:05.4, 0.2, 4309N, 002, 1831E, 002, h10km, Error ellipse: s-maj=2.5km s-min=1.9km az=72.5
SKO 03 05:56:10.9, 4324N, 1882E, h1km
ISC 03 05:56:06.9, 0.2, 4308N, 002, 1833E, 002, h10km, n66, r1545/106, 21C-14D, Northwestern Balkan Peninsula

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BRY Bratogost, BRY Bratogost, BRY Bratogost, etc.

az=99.0
MOS 03 06:16:23.2, 1.4, 4827N, 15384E, h12km, mb3.7/5, Error ellipse: s-maj=33.7km s-min=18.6km az=59.1
IDC 03 06:16:27.1, 4.4, 4818N, 15379E, h131km, 41km, mb3.3/7, mb1 3.5/8, mb0.1mx3.3/24, mbtmp3.4/8, Error ellipse: s-maj=31.3km s-min=17.0km az=117.0

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SKR Severo-Kuril's, SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

Error ellipse: s-maj=2.5km s-min=1.3km az=105.0
ZUR 03 06:41:43.2, 4759N, 760E, h5km, 1km, ML0.9, 2C-1D, Switzerland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BALST Balsthal, BOUR Bourgnonn, SULZ Sulz-Weischa, etc.

IDC 03 06:42:07.0, 8.0, 1440N, 9203W, h0km, mb4.5/15, mb1 4.7/17, mb1mx4.6/20, mbtmp4.5/17, ML4.8/2, MS3.9/17, Ms1 3.8/17, ms1mx3.8/28, Error ellipse: s-maj=24.9km
s-min=13.3km az=57.0

BJI 03 06:42:09.9, 1440N, 9270W, h40km, mb5.2 Ms5.1, Msz4.6
MOS 03 06:42:10.9, 0.9, 1427N, 9216W, h33km, mb5.0/25, Error ellipse: s-maj=14.4km s-min=5.3km az=102.8

ISCJB 03 06:42:13.0, 8.0, 1435N, 003, 9234W, h48km, 4km, mb4.8/70, MS4.0/17, Error ellipse: s-maj=5.6km s-min=3.3km az=68.4

CASC 03 06:42:13.6, 2.4, 1411N, 9261W, h65km, 74km, MD4.7, ML3.9, mb4.9(NEIC)
MEX 03 06:42:18.9, 1445N, 9272W, h40km, MD4.6
NEIC 03 06:42:18.9, 1445N, 9272W, h40km, MD4.6/9, MD4.6(MEX), After MEX.

ISC 03 06:42:16.7, 0.4, 1438N, 003, 9231W, 003, h56km, 4km, h43km, 1.8km, pp-P, n449, r093/425, mb4.8/70, MS4.0/17, 77-82D, Near coast of Chiapas

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JAT Jato, FUG Fuego 3, TEL Terranova, PCG Pacaya, etc.

ISCJB 03 06:16:22.0, 1.5, 483N, 02, 1540E, 02, h98km, 13km, mb3.5/7, Error ellipse: s-maj=32.7km s-min=10.5km

STR 03 06:41:42.2, 0.7, 4760N, 763E, h5km, 1km, M11.7, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0
LDG 03 06:41:43.5, 0.1, 4759N, 756E, h2km, MD2.0, M1.9/5,

PRSI	Puriscal	8.96 118	eP	Pn	06 44 25.0 +1.6
OCM	Ochomogo	9.30 118	eP	Pn	06 44 28.4 +0.3
PICA	Picada	9.39 117	eP	Pn	06 44 30.5 +1.2
MOIG	Morelia	9.99 303	iP	Pn	06 44 36.0 -1.5
MOIG	Morelia	9.99 303	iP	Sn	06 46 18.9 -9.0
SOR	Soroa	12.15 45	ePG	Pn	06 44 37.2 +0.2
SOR	comp=N,1jm,0.6s		eSG	Sn	06 47 23.0 +2.1
SOR	comp=E,1jm,0.6s		e	Pn	
BCIP	Isla Barro Col	13.27 112	eP	Pn	06 45 21.2 -1.0
MGV	Manicaragua	14.01 55	eP	Pn	06 45 35.0 +2.8
MGV	comp=N,20nm,1.9s		eS	Sn	06 48 06.4 +0.4
PAYG	Puerto Ayora	15.09 172	eP	Pn	06 45 50.8 +4.4
HKT	Hockley	15.83 349	eP	Pn	06 45 55.1 -0.8
HKT	comp=Z,104nm,1.9s		e	Pn	
HKT	comp=Z,104nm,1.9s		e	Pn	
DWPF	Disney	17.00 35	eP	Pn	06 46 11.7 +1.2
JCT	Junction City	17.44 338	eP	Pn	06 46 16.4 +0.4
JCT	comp=Z,12nm,0.6s		e	Pn	
JCT	Junction City	17.44 338	eP	Pn	06 46 16.4 +0.4
LTX	Lajitas	18.21 327	eP	Pn	06 46 25.7 +0.3
LTX	comp=Z,59nm,1.3s		e	Pn	
LTX	Lajitas	18.21 327	eP	Pn	06 46 25.7 +0.3
TXAR	Lajitas Array	18.21 327	eP	Pn	06 46 25.5 +0.1
TXAR	comp=Z,0.8nm,0.3s,baz=152,slow=14,SNR=71		LR	LR	06 55 27.6
LRAL	Lakeview Retre	19.19 14	eP	Pn	06 46 35.5 -1.6
LPIG	La Paz	19.53 302	LR	LR	06 54 02.7
OTAV	Otavalo	19.64 135	eP	Pn	06 46 40.8 -1.7
ROSC	El Rosal	20.08 116	eP	Pn	06 46 47.5 +2.0
ROSC	El Rosal	20.08 116	eP	Pn	06 46 47.8 +2.3
MIAR	Mount Ida	20.11 357	eP	Pn	06 46 46.0 +0.2
MIAR	Mount Ida	20.11 357	eP	Pn	06 46 46.0 +0.2
OXF	Oxford	20.21 7	eP	Pn	06 46 47.0 +0.1
OXF	comp=Z,84nm,0.9s		e	Pn	
OXF	Oxford	20.21 7	eP	Pn	06 46 47.0 +0.1
UALR	University of	20.30 360	eP	Pn	06 46 48.5 +0.6
GOGA	Godfrey	20.58 21	eP	Pn	06 46 50.3 -0.6
GOGA	Godfrey	20.58 21	eP	Pn	06 47 04.3
GOGA	Godfrey	20.58 21	eP	Pn	06 46 50.3 -0.6
GOGA	Godfrey	20.58 21	eP	Pn	06 47 04.3
PLAL	Pickwick Lake	20.86 10	eP	Pn	06 47 04.3
LDL	Guadalupe Moun	20.87 330	eP	Pn	06 46 54.5 +0.4
MNTX	Cornudas Mount	20.98 327	eP	Pn	06 46 54.6 -0.6
WMOK	Wichita Moun	21.09 345	eP	Pn	06 46 56.2 -0.2
WMOK	Wichita Moun	21.09 345	eP	Pn	06 46 56.2 -0.2
NHSC	New Hope	21.66 29	eP	Pn	06 47 02.1 -0.4
NHSC	comp=Z,96nm,1.4s,mb5.0		e	Pn	
SDV	Santo Domingo	21.92 102	eP	Pn	06 47 16.4
SDV	Santo Domingo	21.92 102	eP	Pn	06 47 01.6 -3.7
WVT	Waverly	22.03 10	eP	Pn	06 47 02.7 -2.5
WVT	Waverly	22.03 10	eP	Pn	06 47 04.8 -1.6
WVT	Waverly	22.03 10	eP	Pn	06 47 04.8 -1.6
UTMT	University of	22.09 7	eP	Pn	06 47 06.2 -0.8
AMTX	Amarillo	22.09 339	eP	Pn	06 47 06.5 -0.6
JSC	Jenkinsville	22.19 25	eP	Pn	06 47 08.5 +0.4
TKL	Tuckaleechee C	22.53 18	eP	Pn	06 47 09.9 -1.8
TKL	comp=Z,19nm,0.5s,mb4.8,baz=192,slow=9.7,SNR=52		LR	LR	06 57 30.6
LHS	Liberty Hill	22.55 25	eP	Pn	06 47 11.3 -0.6
SIUC	Southern Ilin	23.40 6	eP	Pn	06 47 19.4 -1.2
SIUC	comp=Z,69nm,0.7s,mb5.2		e	Pn	
TZTN	Tazewell	23.42 18	eP	Pn	06 47 34.2
BNM	Barren Site	23.56 329	eP	Pn	06 47 19.7 -1.1
Y22C	IRIS PASSCAL I	23.65 329	eP	Pn	06 47 22.5 +0.4
Y22C	IRIS PASSCAL I	23.65 329	eP	Pn	06 47 23.8 +0.9
PLM	Los Pinos Moun	23.69 329	eP	Pn	06 47 23.8 +0.5
LENM	Lenitor	23.75 329	eP	Pn	06 47 24.7 +1.0
USIN	University of	23.85 9	eP	Pn	06 47 23.4 -1.3
USIN	comp=Z,45nm,0.7s,mb5.0		e	Pn	
ANMO	Ladron	24.02 329	eP	Pn	06 47 38.3
ANMO	Albuquerque	24.12 331	eP	Pn	06 47 27.8 +0.6
ANMO	Albuquerque	24.12 331	eP	Pn	06 47 27.8 +0.6
ANMO	Albuquerque	24.12 331	eP	Pn	06 47 27.8 +0.6
ANMO	Albuquerque	24.12 331	eP	Pn	06 47 27.8 +0.6
SLM	Saint Louis	24.3 4	eP	Pn	06 47 27.0 -1.2
SLM	Saint Louis	24.3 4	eP	Pn	06 47 41.8
SLM	Saint Louis	24.3 4	eP	Pn	06 47 27.0 -1.2
SLM	Saint Louis	24.3 4	eP	Pn	06 47 41.8
SLM	Saint Louis	24.3 4	eP	Pn	06 47 27.0 -1.2
SLM	Saint Louis	24.3 4	eP	Pn	06 47 41.8
WCI	Wyandotte Cave	24.34 12	eP	Pn	06 47 27.5 -1.7
WCI	Wyandotte Cave	24.34 12	eP	Pn	06 47 27.5 -1.7
WCI	Wyandotte Cave	24.34 12	eP	Pn	06 47 27.5 -1.7
TUC	Tucson	24.52 320	eP	Pn	06 47 32.4 +1.3
TUC	comp=Z,23nm,1.0s,mb4.7		e	Pn	
TUC	Tucson	24.52 320	eP	Pn	06 47 32.4 +1.3
KSU1	Kansas State U	24.91 352	eP	Pn	06 47 31.8 -2.6
KSU1	comp=Z,90nm,20.1s,MS3.2,baz=291,slow=40		e	Pn	
ELN	Prospectdale	24.98 22	eP	Pn	06 47 46.5
BLA	Blacksburg	25.08 23	eP	Pn	06 47 34.1 -0.9
BLA	Blacksburg	25.08 23	eP	Pn	06 47 34.6 -1.4
BLA	Blacksburg	25.08 23	eP	Pn	06 47 34.6 -1.4
BLA	Blacksburg	25.08 23	eP	Pn	06 47 34.6 -1.4
BLA	Blacksburg	25.08 23	eP	Pn	06 47 34.6 -1.4
BLA	Blacksburg	25.08 23	eP	Pn	06 47 34.6 -1.4
CBKS	Cedar Bluff	25.20 346	eP	Pn	06 47 35.3 -1.7
CBKS	Cedar Bluff	25.20 346	eP	Pn	06 47 35.3 -1.7
CBKS	Cedar Bluff	25.20 346	eP	Pn	06 47 35.3 -1.7
CBKS	Cedar Bluff	25.20 346	eP	Pn	06 47 35.3 -1.7
CBKS	Cedar Bluff	25.20 346	eP	Pn	06 47 35.3 -1.7
BLO	Bloomington	25.21 11	eP	Pn	06 47 35.6 -1.5
BLO	Bloomington	25.21 11	eP	Pn	06 47 35.6 -1.5
BLO	Bloomington	25.21 11	eP	Pn	06 47 35.6 -1.5
BLO	Bloomington	25.21 11	eP	Pn	06 47 35.6 -1.5
BLO	Bloomington	25.21 11	eP	Pn	06 47 35.6 -1.5
BLO	Bloomington	25.21 11	eP	Pn	06 47 35.6 -1.5
FWS	Forest Hill	25.27 22	eP	Pn	06 47 35.6 -1.6
116A	Eloy	25.30 319	eP	Pn	06 47 39.0 +1.1
ATAH	Atahualpa	25.34 146	eP	Pn	06 47 38.4 +0.1
ATAH	comp=Z,15nm,0.7s,mb4.6,baz=354,slow=5.6,SNR=8.7		LR	LR	06 55 42.5
115A	Sonoran Desert	25.72 319	eP	Pn	06 47 43.0 +1.2
115A	comp=Z,244nm,20.7s,MS3.7,baz=303,slow=32		LR	LR	

SDCO	Great Sand Dun	26.05 336	eP	P	06 47 45.4 +0.7
SDCO	comp=Z,37nm,1.1s,mb4.8		ePcP	PcP	
Z14A	Wintersburg	26.61 319	eP	P	06 51 13.8 +2.4
X15A	Humboldt	26.91 322	eP	P	06 47 51.1 +1.3
MVCO	Mesa Verde	26.92 331	eP	P	06 47 53.3 +0.8
MVCO	comp=Z,95nm,1.1s,mb5.2		e	Pn	
MVCO	Mesa Verde	26.92 331	eP	P	06 47 53.6 +1.0
Y14A	Wickenburg	27.02 320	eP	P	06 47 53.4 +0.9
WUAZ	Wupatki	27.13 324	eP	P	06 47 54.2 +0.8
WUAZ	comp=Z,7.3nm,0.8s,mb4.3		e	Pn	
WUAZ	Wupatki	27.13 324	eP	P	06 47 55.0 +0.9
X14A	Yava	27.30 321	eP	P	06 47 55.0 +0.6
X14A	comp=Z,27,SNR=5.5		e	Pn	
W15A	Williams	27.41 323	eP	P	06 47 56.8 +0.9
PV01	Paradox Valley	27.70 332	eP	P	06 47 57.4 +0.5
ISCO	Mesa Verde	27.80 338	eP	P	06 48 00.8 +1.3
ISCO	Paradox Valley	27.80 338	eP	P	06 48 01.7 +0.5
ISCO	Paradox Valley	27.80 338	eP	P	06 51 18.1
ISCO	comp=Z,11nm,0.7s,mb4.6		e	Pn	
ISCO	Paradox Valley	27.80 338	eP	P	06 48 01.7 +0.5
ISCO	comp=Z,11nm,0.7s,mb4.6		e	Pn	
W14A	Seligman	27.92 322	eP	P	06 48 01.7 +0.5
X13A	Yucca	27.96 320	eP	P	06 48 01.8 +2.4
PDMCI	Parker Dam,Lak	27.97 319	eP	P	06 48 01.9 +0.5
PV10	Paradox Valley	28.11 331	eP	P	06 48 02.5 +0.6
DVTC	Desert V Tower	28.29 314	eP	P	06 48 02.3 +0.4
W13A	Hualapai Mount	28.33 321	eP	P	06 48 02.3 +0.4
BC3	Big Chuck Mtn	28.43 316	eP	P	06 48 03.3 +0.1
IRM	Iron Mountain	28.53 318	eP	P	06 48 05.7 +0.4
BELC	Belle Mtn.	29.00 316	eP	P	06 48 05.5 +0.7
W12A	Gal Neri	29.07 320	eP	P	06 48 06.2 +0.2
PFO	Pinyon Flat Ob	29.07 315	LR	LR	06 48 07.3 +0.3
MVL	Milverille	29.10 26	eP	P	06 48 11.5 +0.4
PHWY	Pilot Hill	29.16 339	eP	P	06 48 12.3 +0.6
GMRC	Granite Mounta	29.25 318	eP	P	06 48 13.7 +0.4
V12A	Nelson	29.34 320	eP	P	06 48 14.7 +0.6
SRU	San Rafael	29.40 330	eP	P	06 48 15.6 +1.0
SRU	comp=Z,5.0nm,0.6s,mb4.4		e	Pn	
SRU	San Rafael	29.40 330	eP	P	06 48 15.6 +1.0
U12A	Valley of Fire	29.61 322	eP	P	06 48 17.2 +0.7
MSU	Marysvale	29.76 328	eP	P	06 48 17.2 +0.7
TRMT	Trail Mountain	29.87 330	eP	P	06 48 19.1 +1.2
ARUT	Antelope Range	29.91 325	eP	P	06 48 19.8 +1.0
SHRP	Sheep Range	30.03 321	eP	P	06 48 20.7 +1.5
RWWY	Rawlins	30.12 337	eP	P	06 48 21.1 +0.8
MPU	Maple Canyon	30.64 330	eP	P	06 48 21.4 +0.4
DAU	Daniel Canyon	30.77 331	eP	P	06 48 26.8 +1.2
NLU	North Lily Min	30.80 330	eP	P	06 48 27.7 +0.6
JLU	Jordanelle	31.01 331	eP	P	06 48 29.5 +0.7
FURC	Furnace Creek,	31.06 320	eP	P	06 51 24.4 +0.7
BINY	Binghamton	31.11 24	eP	P	06 48 29.8 +0.5
MPMC	Manual Prospec	31.21 318	eP	P	06 48 28.3 -1.4
CTU	Comp Tracy	31.22 331	eP	P	06 48 31.2 +0.5
RSSD	Black Hills	31.28 344	eP	P	06 48 30.9 -0.4
RSSD	Black Hills	31.28 344	eP	P	06 48 30.9 -0.4
RSSD	Black Hills	31.28 344	eP	P	06 48 30.9 -0.4
RSSD	Black Hills	31.28 344	eP	P	06 48 30.9 -0.4
RSSD	Black Hills	31.28 344	eP	P	06 48 30.9 -0.4
RSSD	Black Hills	31.28 344	eP	P	06 48 30.9 -0.4
DUG	Dugway	31.35 329	eP	P	06 48 32.9 +1.0
DUG	comp=Z,7.0nm,1.1s,mb4.4		e	Pn	
DUG	Dugway	31.35 329	eP	P	06 48 32.9 +1.0
DUG	Dugway	31.35 329	eP	P	06 48 32.9 +1.0
DUG	Dugway	31.35 329	eP	P	06 48 32.9 +1.0
DUG	Dugway	31.35 329	eP	P	06 48 32.9 +1.0
NOQ	North Oquirrh	31.36 330	eP	P	06 48 32.9 +1.0
Q12A	Willow Creek R	31.57 325	eP	P	06 48 32.6 +0.7
GRAC	Grapevine Rang	31.71 320	eP	P	06 48 33.1 +1.1
HWUT	Hware Ranch	31.86 332	eP	P	06 48 34.4 +0.6
Q11A	Duckwater	31.90 324	eP	P	06 48 35.6 +0.6
P12A	McGill	31.92 326	eP	P	06 48 36.6 +0.3
BW06	Boulder Array	31.95 336	eP	P	06 48 37.7 +0.8
PDAR	Pinedale Array	31.95 336	eP	P	06 48 37.7 +0.8
PDAR	comp=Z,5.5nm,0.7s,mb4.5,baz=138,slow=8.2,SNR=33		e	Pn	
PDAR	comp=Z,2.0nm,0.5s,baz=137,slow=5.2,SNR=19		e	Pn	
PDAR	comp=Z,1.2nm,0.8s,baz=132,slow=4.2,SNR=7.5		e	Pn	
PDAR	comp=Z,1.74nm,19.7s,MS3.7,baz=161,slow=41		e	Pn	
PDAR	Pinedale Array	31.95 336	eP	P	06 51 27.7 +1.5
PDAR	Pinedale Array	31.95 336	eP	P	06 55 12.6 +7.7
PDAR	Pinedale Array	31.95 336	eP	P	07 03 56.8
PDAR	Pinedale Array	31.95 336	eP	P	06 48 36.9 -0.2
PDAR	Pinedale Array	31.95 336	eP	P	06 51 27.7 +1.5
PDAR	Pinedale Array	31.95 336	eP	P	06 55 12.6 +7.7
PDAR	Pinedale Array	31.95 336	eP	P	07 03 56.8
PDAR	Pinedale Array	31			

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like K05A Summer Lake, Y14A Wickenburg, W13A Hualapai Mount, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like SDCO Great Sand Dun, MKAR Makanchi Array, ARCES ARCES Array, etc.

ISCJB 03 08:12:08.0.0.6.4439N003:726E.006.h20km,7km, Error ellipse: s-maj=8.0km s-min=3.6km az=133.7

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like SURF Saint Ours, TOUF Mont Tournerai, MBDF Montbardon, etc.

NEIC 03 08:16:30.6.6319N-15131W.h10km,ML3.2(AEIC), ML3.8(PMR), After Array, Central Alaska

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KTH Kantishna Hill, KTH Thorefore Moun, TRF Thorefore Moun, etc.

ISCJB 03 08:16:58.6.0.5.767S:004:11749E:004,h299km,5km, mb4.6/59, Error ellipse: s-maj=7.5km s-min=4.8km az=97.1

IDC 03 08:17:00.2.1.7.768S:11750E,h301km,16km,mb4.5/29, mb1.4/30,mb1mx4.4/33,mbtmp4.5/30, Error ellipse: s-maj=9.8km s-min=6.6km az=63.0

NEIC 03 08:17:00.9.0.9.765S:11752E,h310km,9km,mb4.6/25, Error ellipse: s-maj=8.3km s-min=4.6km az=63.0

BUI 03 08:17:00.9.760S:11750E,h310km,mb4.7,mb4.6

ISC 03 08:16:59.4.0.5.770S:004:11750E,004,h290km,5km, h303km,5.3km;pp-P,n124,c1508/116,mb4.6/59,2C,-4D,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Code Station Name, DNP Denpasar, NBBI Negara, WSI Waingapu, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KAKA 90nm,0.4s, KGM Kluang, WRA Warramunga Arr, WRA Warramunga Arr, etc.

3d 8h

ZST	comp=Z,700nm,16.7s,MS4.8	LR	LR		
PRU	Pruhonice 58.16	25 eP	P	08 29 46.3 +0.2	
PRU		eS	S	08 37 42.8 -4.7	
PRU	comp=Z,800nm,13.0s	AMS	AMS	08 57 00.0	
CLL	Colim 58.53	23 eP	P	08 29 50.0 +1.3	
CLL		eS	S	08 38 01.0 +8.7	
CLL		LmV		08 51 00.0	
VRAC	comp=Z,800nm,20.2s				
BRG	Vranov 58.56	27 i/P	P	08 29 48.6 -0.3	
BRG	Berggiesshubel 58.58	24 eP	P	08 29 49.1 +0.1	
BRG	comp=Z,7.3nm,1.3s,mb4.5				
BRG	Berggiesshubel 58.58	24 eP	P	08 29 49.1 +0.1	
BRG		pmax	pmax		
OTAV	Otavallo 58.72	271 eP	P	08 29 49.8 -0.2	
OTAV	comp=Z,1.1nm,1.4s,mb4.7				
OTAV		LR	LR		
VYHS	comp=Z,1.1um,22.0s,MS4.9				
VYHS	Vyhne 59.04	29 eP	P	08 29 51.3 -1.0	
VYHS		e		08 32 08.0	
VYHS		pmax	pmax		
VYHS	comp=Z,2.1nm,1.6s,mb4.9				
VYHS	Vyhne 59.04	29 eP	P	08 29 51.3 -1.0	
VYHS		e		08 32 08.0	
VYHS		pmax	pmax		
VYHS	comp=Z,2.1nm,1.6s,mb4.9				
VYHS	Vyhne 59.04	29 eP	P	08 29 51.3 -1.0	
VYHS		e		08 32 08.0	
VYHS		pmax	pmax		
PSZ	Piszkesteto 59.17	30 eP	PP	08 32 08.0 +5.3	
PSZ	comp=Z,1.8nm,1.3s,mb4.9			08 29 53.2 0.0	
PSZ	Piszkesteto 59.17	30 i/P	P	08 29 53.7 +0.5	
UPC	Uisce 59.18	26 eP	P	08 29 53.1 -0.1	
DPC	Dobruska-Polom 59.20	26 eP	S	08 29 53.3 0.0	
DPC		eS	S	08 38 06.3 +5.3	
DPC		AMS	AMS	09 01 00.0	
MORC	comp=Z,800nm,19.4s				
MORC	Moravsky Berou 59.33	27 eP	P	08 29 53.4 -0.9	
MORC	comp=Z,1.5nm,1.4s,mb4.8				
MORC	Moravsky Berou 59.33	27 i/P	P	08 29 54.0 -0.3	
OKC	Ostrava-Krasne 59.65	27 eP	P	08 29 56.6 +0.1	
OKC		AMS	AMS	08 58 50.0	
KECS	comp=Z,700nm,12.7s				
KECS	Kecovo 59.84	30 eP	P	08 29 59.0 +1.2	
KECS		pmax	pmax		
KECS	comp=Z,6.0nm,1.3s,mb4.5				
KECS	Kecovo 59.84	30 eP	P	08 29 59.0 +1.2	
KECS		pmax	pmax		
KECS	comp=Z,5.7nm,1.3s,mb4.4				
DRGR	East Falkland 59.90	32 i/P	P	08 29 58.1 -0.1	
EFI	East Falkland 60.37	206 PFAKE	LR	08 30 10.0 +8.6	
EFI		LR	LR		
CRVS	comp=Z,304nm,21.0s,MS4.4				
OJC	Cervenica-Dubn 60.61	30 eP	P	08 30 02.8 -0.2	
OJC	Ojcov 60.68	28 eP	P	08 30 03.1 -0.4	
UZH	Uzhgorod 60.85	31 eP	P	08 30 04.0 -0.7	
UZH		e		08 30 49.3	
UZH		eS	S	08 32 25.0	
UZH		eS	S	08 38 22.0 -0.3	
UZH		ePS	MLR	08 38 47.0	
UZH		MLR	MLR		
Muntele Rosu	60.92	35 i/P	P	08 30 05.6 +0.5	
VLR	Vrncioara 61.58	35 i/P	P	08 30 08.3 -1.3	
BURAR	Bucovina Array 61.76	33 i/P	P	08 30 11.6 +0.8	
ANTO	Antokara 62.40	44 PFAKE	LR	08 30 30.0 +1.5	
ANTO		LR	LR		
LVV	comp=Z,547nm,19.0s,MS4.7				
LVV	L'vov 62.48	30 eP	P	08 30 15.9 +0.2	
LVV		e		08 32 39.7	
LVV		e		08 30 30.0 +1.1	
BR131	Keskin Array S 62.92	44 PFAKE	LR		
BR131		LR	LR		
BRTR	comp=Z,457nm,19.0s,MS4.7				
BRTR	Keskin Array B 62.92	44 P	P	08 30 17.1 -1.5	
BRTR	comp=Z,4.7nm,1.1s,mb4.5,baz=231,slow=5.5,SNR=15				
WES	Weston 62.92	319 PFAKE	LR	08 30 30.0 +1.1	
WES		LR	LR		
HRV	comp=Z,2.2um,22.0s,MS5.2				
HRV	Harvard-Oak R 63.13	319 PFAKE	LR	08 30 30.0 +1.0	
KONO	comp=Z,793nm,19.0s,MS4.9				
KONO	Kongsberg 64.14	16 PFAKE	LR	08 30 40.0 +1.3	
KONO		LR	LR		
LBNH	comp=Z,1.1um,19.0s,MS5.0				
LBNH	Lisbon 64.19	321 PFAKE	LR	08 30 40.0 +1.3	
CLNC	comp=Z,1.1um,19.0s,MS5.0				
CLNC	Cliffs of the 64.69	310 PFAKE	LR	08 30 40.0 +1.0	
CLNC		LR	LR		
CBN	comp=Z,1.1um,22.0s,MS5.0				
CBN	Corbin 65.36	313 PFAKE	LR	08 30 50.0 +1.5	
CBN		LR	LR		
DWPF	comp=Z,886nm,19.0s,MS5.0				
DWPF	Disney 65.47	301 PFAKE	LR	08 30 50.0 +1.5	
DWPF		LR	LR		
NCB	comp=Z,598nm,20.0s,MS4.8				
NCB	Newcomb 65.54	320 PFAKE	LR	08 30 50.0 +1.4	
NCB		LR	LR		
KIEV	comp=Z,969nm,19.0s,MS5.0				
KIEV	Kiev 65.68	32 eP	P	08 30 35.8 -0.9	
KIEV		pmax	pmax		
KIEV	comp=Z,2.25nm,1.1s,mb5.2				
KIEV		MLR	MLR		
KIEV	comp=Z,872nm,21.0s,MS4.9				
KIEV	Kiev 65.68	32 eP	P	08 30 35.8 -0.9	
KIEV		LR	LR		
KIEV	comp=Z,2.25nm,1.1s,mb5.2				
KIEV		LR	LR		
AKASG	comp=Z,872nm,21.0s,MS4.9				
AKASG	Malin Array Be 65.69	32 P	P	08 30 35.6 -1.2	
AKASG	comp=Z,7.5nm,0.9s,mb4.7,baz=236,slow=7.3,SNR=32				
AKASG		LR	LR	09 02 31.1	
AKASG	comp=Z,5.78nm,18.2s,MS4.8,baz=235,slow=39				
AKASG	Malin Array Be 65.69	32 i/P	P	08 30 35.5 -1.3	
AKASG		pmax	pmax		
AKBB	comp=Z,8.0nm,0.9s				
JTS	Malin Array Si 65.69	32 eP	P	08 30 35.7 -1.1	
JTS	JuntasAbangare 65.72	281 PFAKE	LR	08 30 50.0 +1.3	
JTS		LR	LR		
NB2	comp=Z,209nm,20.0s,MS4.3				
NB2	NORSAR Subarra 65.75	16 P	P	08 30 35.9 -1.2	
NB2	comp=Z,1.2nm,0.7s,mb4.0,baz=211,slow=6.9				
NOA	NORSAR Array B 65.75	16 P	P	08 30 35.6 -1.6	
NOA	comp=Z,3.7nm,1.0s,mb4.4,baz=237,slow=4.5,SNR=5.1				
NOA		LR	LR	09 01 31.6	
MALT	comp=Z,486nm,18.4s,MS4.7,baz=205,slow=38				
MALT	Malatya 65.78	47 eP	P	08 30 37.7 +0.4	
MALT		pmax	pmax		
MALT	comp=Z,1.8nm,1.1s,mb5.0				
MALT	Malatya 65.78	47 eP	P	08 30 37.7 +0.4	
MALT		LR	LR		
MALT	comp=Z,1.8nm,1.1s,mb5.0				
MALT	Malatya 65.78	47 i/P	P	08 30 37.8 +0.5	
NHSC	New Hope 65.80	307 PFAKE	LR	08 30 50.0 +1.3	
NHSC		LR	LR		
BINY	comp=Z,668nm,20.0s,MS4.8				
BINY	Binghamton 65.94	317 PFAKE	LR	08 30 50.0 +1.2	
BINY		LR	LR		
LONY	comp=Z,589nm,19.0s,MS4.8				
LONY	Lake Ozonia 66.06	320 PFAKE	LR	08 30 50.0 +1.1	
LONY		LR	LR		
SSPA	comp=Z,921nm,20.0s,MS5.0				
SSPA	Standing Stone 66.63	315 PFAKE	LR	08 30 50.0 +7.2	
SSPA		LR	LR		
SCHQ	comp=Z,816nm,20.0s,MS4.9				
SCHQ	Schefferville 67.19	333 PFAKE	LR	08 31 00.0 +1.4	
SCHQ	comp=Z,450nm,20.8s,MS4.7,baz=314,slow=31				
SCHQ	Schefferville 67.19	333 PFAKE	LR	08 31 00.0 +1.4	
SCHQ		LR	LR		
BLA	comp=Z,1.1um,21.0s,MS5.1				
BLA	Blacksburg 67.28	311 PFAKE	LR	08 31 00.0 +1.3	
BLA		LR	LR		
ANN	comp=Z,781nm,21.0s,MS4.9				
ANN	Anapa 67.62	40 eP	P	08 30 48.2 -0.9	
ANN		eS	S	08 39 39.6 -6.5	
ANN		pmax	pmax		
MCWV	comp=Z,56nm,1.3s,mb5.4				
MCWV	Mont Chateau 67.68	314 PFAKE	LR	08 31 00.0 +1.1	
MCWV		LR	LR		
OPO	comp=Z,924nm,21.0s,MS5.0				
OPO	Amboldratompo 68.02	110 P	P	08 30 53.4 +1.7	
OPO	comp=Z,2.5nm,0.9s,mb4.2,baz=278,slow=14,SNR=2.2				
TGUH	Teguicigalpa,Un 68.35	285 PFAKE	LR	08 31 10.0 +1.6	
TGUH		LR	LR		
GOGA	comp=Z,697nm,20.0s,MS4.9				
GOGA	Godfrey 68.53	306 PFAKE	LR	08 31 10.0 +1.5	
GOGA		LR	LR		
SOC	comp=Z,503nm,20.0s,MS4.8				
SOC	Sochi 68.64	42 eP	P	08 30 53.8 -1.7	
SOC		e		08 33 35.7	

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SOC	ePPP	S	08 35 10.5	
SOC	eS	S	08 39 48.9 -9.4	
SOC	e	S	08 40 50.0	
SOC	pmax	pmax		
TEIG	comp=Z,40nm,1.0s,mb5.3			
TEIG	Tepich 70.07	292 PFAKE	LR	08 31 20.0 +1.6
TEIG		LR	LR	
PAYG	comp=Z,679nm,22.0s,MS4.8			
PAYG	Puerto Ayora 70.55	269 PFAKE	LR	08 31 20.0 +1.3
PAYG		LR	LR	
KIV	comp=Z,1.1um,19.0s,MS5.2			
KIV	Kislovodsk 70.78	43 eP	P	08 31 09.0 +0.3
KIV		pmax	pmax	
KIV	comp=Z,3.2nm,1.2s,mb5.1			
KIV	Kislovodsk 70.78	43 eP	P	08 31 09.1 +0.4
KIV	comp=Z,2.1nm,1.2s,mb4.9			
KIV		LR	LR	
VNA2	comp=Z,85nm,21.0s,MS4.0			
VNA2	Neumayer-Watz 70.83	176 eP	P	08 31 10.0 +1.0
VNA2		e		08 31 15.3
VNA2		e		08 31 18.6
VNA2		e		08 31 25.7
VNA2		e		08 31 32.6
VNA2		e		08 31 08.6 -0.5
FINES	FINES Array B 70.84	21 P	P	08 31 08.6 -0.5
FINES	comp=Z,5.7nm,1.0s,mb4.5,baz=190,slow=7.7,SNR=6.2			
FINES		LR	LR	09 06 43.7
BRAL	comp=Z,650nm,18.0s,MS4.9,baz=229,slow=40			
BRAL	Brewton 70.91	303 PFAKE	LR	08 31 20.0 +1.1
BRAL		LR	LR	
GNI	comp=Z,901nm,20.0s,MS5.0			
GNI	Garni 71.01	4		

Table with columns: Call sign, Name, Frequency, Power, Mode, Station, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Urumqi, Eagle, Sitka, Casey, College, Tiksi, McKinley, Palmer, Lhasa, Talaya, Kodjak Island, Bilibino, Rikitea, Yakutsk, Lanzhou, Chiang Mai, Chengdu, Kunming, Hailar, Hu-hao-te, Guiyang, Baijiatuu, Tubuai, Qiongzong, Papeete, Petropavlovsk, Narogin (SRO), Yuzh-Sakhalins, and Ouri.

Table with columns: Call sign, Name, Frequency, Power, Mode, Station, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Sheshan, Warramunga Arr, Charters Tower, Funafuti, Port Moresby, and various other stations in the Pacific region.

KRSC 03:08:43:39.51.2.5561N.16618E, h45km, 45km, ML3.8, Komandorski Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Res, and other parameters. Lists stations like Krutoberegovo, Mys Kozlova, Semkarok, Baidarnaya, Sorokina, Zelenaya, Tsirik, Klyuchi, Krestovskiy, Bezymyannaya, Kirishev, Kamenshtaya, Kopyto, Tumrok, Kozyrevsk, Sredinnyy, Mys Shipunski, Avacha, Petropavlovsk, Ganaly, and Ruskaya.

ISJCJB 03:08:47:14.3.0.7.4487N.004.2242E.007, h5km, 8km, Error ellipse: s-maj=8.5km s-min=5.1km az=57.7

BE0 03:08:47:14.8.0.2.4483N.2248E, h10km az=57.7
BUC 03:08:47:16.3.1.8.4497N.2248E, h16km, 6km, MD2.5/2, Error ellipse: s-maj=15.8km s-min=8.3km az=332.0

IS 03:08:47:14.8.0.7.4486N.003.2244E.006, h7km, 7km, n8, 0.983/16, 3C-3D, Romania

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Res, and other parameters. Lists stations like Djerdap, Gura Zlata, Buzias, Svilaajnac, Gruzza, Divs, Divcibare, DRGR, and Barje.

IDC 03:09:01:42.2.7.2.846S.11987E, h0km, mb3.5/2, mb1 3.8/4, mb1mx3.5/18, mbtmp3.6/4, ML3.5/2, Error ellipse: s-maj=181.7km s-min=81.2km az=66.0, Flores region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Res, and other parameters. Lists stations like Fitzroy Crossi, Warramunga Arr, Alice Springs, and Stephens Creek.

NIED 03:09:12:00.37, 3701N.141.20E, h56km, Mw3.8 Best double couple: M6.17000x1014 NP1.9x19.00000, delta.00000, 1.69, 0.00000, NP2.9x251.00000, delta.00000, 1.38, 0.00000. ISJCJB 03:09:12:36.1.0.8.3704N.004.14140E.008, h49km, 6km, mb3.6/6, Error ellipse: s-maj=10.9km s-min=5.6km az=44.4

NEIC 03:09:12:38.4.3707N.141.19E, h51km, MG4.0(JMA), After JMA. NEIC Recorded [2 JMA] in Fukushima and [1 JMA] in Ibaraki Prefectures.

JMA 03:09:12:38.3.0.1.3707N.141.19E, h51km, 1km, M4.0 Broadband fault plane solution: P waves. NP1: 0.208.00000, delta.00000, 1.98, 0.00000. NP2: 0.19.00000, delta.00000, 1.88, 0.00000. Principal axes: T P1g58.00000, Azm287.00000; N P1g2.00000; Azm20.00000; P P1g32.00000; Azm111.00000;

JMA Felt II J. IDC 03:09:12:38.1.2.7.3708N.141.42E, h54km, 23km, mb3.5/6, mb1 3.7/10, mb1mx3.5/25, mbtmp3.6/10, ML3.7/4 Error ellipse: s-maj=20.9km s-min=16.6km az=83.0

IS 03:09:12:37.4.0.9.3705N.004.14136E.008, h42km, 8km, n23, 0.983/34, mb3.6/6, 10D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Res, and other parameters. Lists stations like Iwakimizuishi, Kawauchi, Hitachi, Marumori, Otama, Yanaizu, and Ouri.

Table with columns: Call sign, Name, Frequency, Power, Mode, Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Res, and other parameters. Includes stations like Okura, Shirataka, Ashikaga, Matsushiro Arr, Matsushiro, Hachijo jima 2, Asahikawa, Korea Array, Songino Array, Zalesovo, Makanchi Array, Warramunga Arr, Alice Springs, and Fines.

MOS 03:09:25:36.0.0.2.5484N.161.82E, h30km, mb4.3/1, Error ellipse: s-maj=36.1km s-min=12.1km az=79.2

KRSC 03:09:25:35.8.0.5.5488N.16168E, h36km, 35km, ML4.2, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Res, and other parameters. Lists stations like Mys Kozlova, Tumrok, Kamenistaya, Zelenaya, Bezymyannaya, Kirishev, Tsirik, Kopyto, Krutoberegovo, Krestovskiy, Klyuchi, Kozyrevsk, Semkarok, Baidarnaya, Sorokina, Sredinnyy, Mys Shipunski, Avacha, Petropavlovsk, and Ruskaya.

MAN 03:09:28:00.7.1610N.11863E, h1km, mb3.7, ML4.8, MS5.6 ISJCJB 03:09:28:07.9.0.8.1594N.004.11901E.006, h41km, 9km, mb4.3/31, MS4.1/5, Error ellipse: s-maj=10.3km s-min=6.3km az=153.2

IDC 03:09:28:12.7.2.8.1602N.11925E, h7km, 26km, mb3.9/21, mb1 4.0/21, mb1mx4.0/27, mbtmp3.9/21, MS4.1/3, Mb1 4.1/3, ms1mx3.4/30, Error ellipse: s-maj=26.7km s-min=10.5km az=66.0

NEIC 03:09:28:12.1.1.0.1608N.11934E, h66km, 10km, mb4.5/8, Error ellipse: s-maj=14.4km s-min=6.1km az=74.0

BUI 03:09:28:14.5.1626N.11888E, h65km, mb4.8, ML4.5, MS4.6, MS2.0

IS 03:09:28:10.0.0.7.1598N.004.11908E.006, h42km, 26km, n71, 1.904/70, mb4.3/31, MS4.1/5, Luzon

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Res, and other parameters. Lists stations like Bolinao, Baier, Lubang, Tabangay City, Conner, Cauayan, Polilio Island, Palanan, Palp, M. Cagua, Coran, Buser, Cuyo Island, Nenganchiao, YHNB, Kota Kinabalu, and Kuching.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations like Lanzhou, Gaitai, Kakadu, etc.

NIED 03 09:31:00, 3920N:14350E, h23km, Mw4.4 Best double couple: M=4.52000x10^15 NP1=35.00000, delta6.00000, lambda102.00000, NP2=187.00000, delta7.00000, lambda65.00000. BUI 03 09:31:34.0, 3927N:14352E, h11km, mb5.0, mb4.8, Ms4.5, Ms4.2

JMA 03 09:31:37.2 0.1, 3917N:14352E, h35km, M4.3 ISCJB 03 09:31:37.3 0.1, 3919N:003, 14342E-004, h21km, 6km, mb4.5/58, Ms4.3/12, Error ellipse: s-maj=6.2km s-min=4.5km az=92.4

NEIC 03 09:31:37.0 0.3, 3922N:14337E, h6km, 18km, mb4.7/18, Mw4.4(NIED), Error ellipse: s-maj=10.9km s-min=6.7km az=114.0

IDC 03 09:31:41.2 3.0, 3914N:14338E, h38km, 25km, mb4.1/22, mb1.4/22, mb1mx4.1/34, mbtmp4.1/27, ML3.8/5, Ms4.1/3, Ms1.4/1/3, ms1mx3.5/28, Error ellipse: s-maj=20.1km s-min=13.6km az=94.0

MOS 03 09:31:41.0 0.9, 3950N:14312E, h33km, mb4.8/35, Ms4.2/6, Error ellipse: s-maj=11.4km s-min=5.8km az=105.9

SZGRF 03 09:31:42.0, 3973N:14504E, h33km, mb5.3, Off east coast of Honshu, Japan ISC 03 09:31:38.6 1.2, 3925N:003, 14336E:004, h16km, 7km, h31km, 2.2km:pp-P, n162, s099/179, mb4.5/58, Ms4.3/12, 4C-1D, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like Miyakonogasawa, Ofunato, Tanohata, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like YUK, HJH, YSS, YSS, YSS, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like GYA, GUYANG, GYA, GYA, GYA, etc.

Table of station data for the left column, including call signs like ARCES, ASAR, OBN, FINES, KIV, NB2, NOA, AKASG, DUG, PDAR, MALT, STHS, MORC, DPC, UPC, VYHS, CLL, VRAC, PRU, NKC, KHC, EKA, GERES, GRA1, GRF, GRF, GRF, GRF, MMAI, ANMO, CDF, CABF, LOR, LOR, LOR, SSF, SSF, LPL, LPG, SMF, AVF, AVF, NNA, LPAZ, VNA2, VNA2, VNA2.

Table of station data for the middle column, including call signs like GRL, GNL, TUMR, KMMR, BZMR, BZMR, KIRR, ZLN, KZK, KZK, CIRR, KRRS, KLY, SRDR, KBTR, BDR, SMKR, SRKR.

IDC 03 09:35:20.21.6, 1317N-5110E, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.5/20, mbtmp3.7, Error ellipse: s-maj=58.5km s-min=35.3km az=165.0, Eastern Gulf of Aden

NIED 03 09:47:00.2740N-13040E, h5km, Mw4.0 Best double couple: M09.67000-1014, N19.332200000, 885.00000, -153.00000... NP2.3229.00000, 863.00000, -1.6.00000...

ISCJB 03 09:47:10.740.5, 2737N-003.13034E-004, h10km, mb3.5/4, Error ellipse: s-maj=5.5km s-min=4.5km az=74.6

JMA 03 09:47:13.21.0, 2737N-13038E, h67km, M3.6

ISC 03 09:47:11.8.1.2, 2742N-130.19E, h0km, mb3.6/4, mb1 3.8/6, mb1mx3.6/22, mbtmp3.6/6, ML3.6/2, M3.7/1, M51 3.7/1, ms1mx2.6/26, Error ellipse: s-maj=27.8km s-min=19.8km az=85.0

IDC 03 10:00:57.51.2, 0141S-12603E, h0km, mb3.6/5, mb1 3.8/5, mb1mx3.7/17, mbtmp3.7/5, Error ellipse: s-maj=203.4km s-min=18.8km az=67.0, Southern Molucca Sea

IDC 03 10:33:39.3.0.6, 1307N-9252E, h0km, mb4.0/17, mb1 4.1/18, mb1mx4.0/24, mbtmp4.0/18, ML3.6/1, Error ellipse: s-maj=25.1km s-min=13.0km az=55.0

ISCJB 03 10:42:53.9.1.1, 14N-01.996E-01, h182km-8km, mb3.9/11, Error ellipse: s-maj=21.4km s-min=15.0km az=128.3

ISC 03 10:42:55.0.8, 148N-9976E, h176km-6km, mb3.6/11, mb1 3.8/11, mb1mx3.5/23, mbtmp3.6/11, Error ellipse: s-maj=29.3km s-min=11.3km az=56.0

Table of station data for the right column, including call signs like ZAL, BVAR, FITZ, WRA, ASAR, BRTR, AKASG, STKA, STKA, FINES, ARCES, GERES, NB2, NOA, BOSB, BOSB, TORO, PDAR, NVAR.

STR 03 10:36:59.9.0.1, 4303N-016W, h2km-1km, M1.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 03 10:36:59.5.0.0, 4303N-015W, h10km, Md2.0/3, M1.9/5, Error ellipse: s-maj=0.7km s-min=0.4km az=170.0

MDD 03 10:36:59.9.0.3, 4303N-016W, h10km, mb1.0/3.6, Error ellipse: s-maj=3.2km s-min=1.7km az=150.0, PRXIMO, Pyrenees

ISCJB 03 10:42:55.3.1.1, 14N-01.996E-01, h182km-8km, mb3.9/11, Error ellipse: s-maj=21.4km s-min=15.0km az=128.3

ISC 03 10:42:55.0.8, 148N-9976E, h176km-6km, mb3.6/11, mb1 3.8/11, mb1mx3.5/23, mbtmp3.6/11, Error ellipse: s-maj=29.3km s-min=11.3km az=56.0

NEIC 03 10:42:53.9.1.0, 142N-9969E, h182km-7km, Error ellipse: s-maj=23.3km s-min=10.2km az=55.0

ISC 03 10:42:55.3.1.1, 14N-01.996E-01, h177km-8km, n15, c0879/16, mb3.9/11, 12, Northern Sumatra

ISCJB 03 10:42:55.3.1.1, 14N-01.996E-01, h182km-8km, mb3.9/11, Error ellipse: s-maj=21.4km s-min=15.0km az=128.3

ISC 03 10:42:55.3.1.1, 14N-01.996E-01, h177km-8km, n15, c0879/16, mb3.9/11, 12, Northern Sumatra

ICC 03 12:22:17.8:1.2, 1996N:156.17W,h0km,mb4.0/0.9, mb1 4.2/9,mb1mx4.1/20,mbtp4.0/9,MS3.8/3,Ms1 3.8/3, ms1mx3.2/32, Error ellipse: s-maj=50.8km s-min=19.6km az=143.0

ISC/B 03 12:22:18.2:0.4, 1985N:005:156.19W,004,h10km, mb4.3/22,MS4.3/7, Error ellipse: s-maj=7.8km s-min=5.0km az=54.5

BUI 03 12:22:19.0:2000N:15600W,h14km,mb5.0,mb4.6,Ms4.7, Ms2.6

NEIC 03 12:22:21.0, 1996N:155.98W,h14km,mb4.5/10, MD4.6(HVO),After HVO.

NEIC Felt [IV] at Captain Cook, Hawi, Kamuela and Kapaau; [III] at Honokaa, Kailua Kona and Waikoloa; [II] at Houloua; felt at Hilo, Honomu, Laupahoehoe, Pa'uulo and Papekou, Hawai'i. Also felt [III] at Haiku, Kihei, Kula and Wailuku; [II] at Makawao; felt at Hana, Ho'olehua and Lahaina, Maui. Felt at Ewa Beach, Honolulu and Kailua, Oahu.

ISC 03 12:22:19.9:0.4, 1981N.005:15616W,004,h10km,n234, c8B4/234,mb4.3/22,MS4.3/7,61C-67D,Hawaiian Islands

Code	Station Name	Δ	AZ	Phase ID	ISC	Time	Res
					Op	h m s	
POHA	Pohakuloa	0.60	95	ePg	Pg	12 22 30.4	-1.1
POHA	Kahuku	0.76	137	ePg	Sg	12 22 39.4	+0.1
KHU	Halekala	0.90	354	ePg	Pg	12 22 34.6	0.0
HPO	Honapou	0.92	141	ePg	Pg	12 22 31.8	-5.5
STCH	Steam Cracks	1.06	113	ePn	Pn	12 22 37.7	-0.9
STCH	Honolulu	2.29	312	ePn	Pn	12 22 56.1	+0.5
HON	KIP	2.39	313	ePn	Pn	12 22 51.1	-6.6
KIP	Kipapa	2.36	313	ePn	Pn	12 23 17.4	-8.5
P01C	Double 8 Ranch	34.34	48	IP	Pn	12 22 52.5	-6.3
HAST	UC Hastings Re	34.48	54	IP	P	12 29 07.3	-0.6
V04C	Ramage Ranch,	34.77	56	IP	P	12 29 10.0	-0.5
PACP	Pacheco Peak	34.89	53	IP	P	12 29 10.8	-0.7
M01C	Crescent City	34.89	44	IP	P	12 29 10.1	-1.4
N02C	Big Bar	34.95	46	IP	P	12 29 11.1	-0.9
O02C	Red Bluff	35.02	47	IP	P	12 29 11.7	-0.9
SO4C	Ingram Canyon,	35.03	52	IP	P	12 29 12.2	-0.5
U04C	Hernandez Rese	35.06	54	IP	P	12 29 12.8	-0.1
PKD	Parkfield	35.12	55	IP	P	12 29 13.2	-0.2
V05C	Boulder Hill,	35.59	56	IP	P	12 29 17.0	-0.5
ORV	Oroville	35.67	49	IP	P	12 29 17.8	-0.4
K02A	Glendale	35.75	43	IP	P	12 29 18.6	-0.3
YBH	Ireka Blue Hor	35.77	45	IP	P	12 29 19.9	+0.9
LAVA	Lava Cap Winer	35.91	51	IP	P	12 29 19.6	-0.7
CMB	Columbia Colle	35.91	52	IP	P	12 29 19.2	-1.1
M03C	McCloud	35.96	46	IP	P	12 29 20.3	-0.4
T06C	Millerton Lake	36.09	54	IP	P	12 29 20.9	-0.8
OSI	Osito Adit	36.19	58	IP	P	12 29 22.8	+0.1
P05C	Yuba Gap, Truc	36.21	50	IP	P	12 29 22.1	-0.7
ARV	Arvin	36.23	57	IP	P	12 29 23.3	+0.2
S06C	San Francisco	36.26	52	IP	P	12 29 22.3	-0.9
M04C	Macdoel	36.37	45	IP	P	12 29 24.4	+0.3
R05C	Kirkwood Meado	36.38	51	IP	P	12 29 24.2	0.0
CH3N	Ideyld Park	36.38	42	IP	P	12 29 24.5	+0.2
J03N	Chignik	36.48	358	eP	P	12 29 18.9	-6.2
KCC	Kaiser Creek	36.48	54	IP	P	12 29 24.7	-0.4
HELL	Mitchell Peak,	36.51	55	IP	P	12 29 25.2	-0.2
L04A	Klamath Falls	36.51	45	IP	P	12 29 25.2	-0.2
ISA	Isabella	36.65	57	IP	P	12 29 26.8	+0.2
M05C	Lookout	36.66	46	IP	P	12 29 26.7	+0.1
R06C	Coleville	36.77	52	IP	P	12 29 28.0	+0.4
WCN	Washoe City	36.82	50	IP	P	12 29 27.8	-0.2
EDW2	Edwards Air Fo	36.84	58	IP	P	12 29 27.5	-0.7
AFI	Afiamaul	36.86	206	LR	LR	12 40 45.7	
J04A	Umpqua Nationa	36.87	43	IP	P	12 29 28.4	0.0
R07C	Lee Vining	36.93	52	IP	P	12 29 29.5	+0.6
MLC	Mammoth Lakes	36.94	53	IP	P	12 29 29.5	+0.4
I04A	Tendick Farm,	36.94	42	IP	P	12 29 29.7	+0.6
BF5C	Mount Baldy St	36.96	59	IP	P	12 29 28.8	-0.4
M06C	Likely Place G	37.05	47	IP	P	12 29 29.9	-0.1
MTUM	Tungsten Hills	37.06	54	eP	P	12 29 30.4	+0.4
109C	Camp Elliot, M	37.13	61	IP	P	12 29 30.9	+0.2
L05A	Lakeview	37.16	45	IP	P	12 29 30.9	0.0
CWC	Cottonwood Cre	37.17	55	IP	P	12 29 31.1	+0.1
MURC	Murrieta	37.19	60	IP	P	12 29 31.3	+0.1
LRMC	Laurel Mountai	37.22	57	IP	P	12 29 31.0	-0.5
N06A	Buffalo Meadow	37.31	48	IP	P	12 29 32.1	-1.0
F03A	Seaside	37.36	38	IP	P	12 29 32.8	+0.2
S08C	White Mtn Res	37.40	54	IP	P	12 29 33.1	+0.1
K05A	Summer Lake	37.42	44	IP	P	12 29 32.9	-0.2
J05A	Fort Rock	37.45	43	IP	P	12 29 34.3	+0.9
MOD	Modoc	37.46	46	eP	P	12 29 33.9	+0.5
MOD	Modoc	37.46	46	eP	P	12 29 34.1	+0.6
MPMC	Manual Prospec	37.53	56	IP	P	12 29 33.9	-0.1
P07A	Fallon	37.54	50	IP	P	12 29 34.6	+0.5
NVAR	Mina Array Bea	37.59	52	P	P	12 29 34.7	+0.1
NVAR	Mina Array Bea	37.59	52	P	P	12 29 34.7	+0.1
R08A	Mina	37.71	52	P	P	12 29 35.5	-0.1
O07A	Toulon	37.77	49	P	P	12 29 36.6	+0.6
P00A	Pinyon Flat Ob	37.81	60	IP	P	12 29 36.7	+0.3
K06A	Valley Falls	37.88	45	IP	P	12 29 36.7	-0.3
G5C	Goldstone	37.88	58	IP	P	12 29 36.6	-0.4
N07B	Gerlach	37.93	48	IP	P	12 29 37.2	-0.3
Q08A	Gabbs	38.01	52	IP	P	12 29 38.0	-0.1
M07A	Soldier Meadow	38.02	47	IP	P	12 29 38.5	+0.3

F04A	Amboy	38.03	39	IP	P	12 29 38.3	0.0
H05A	Madras	38.10	41	IP	P	12 29 38.9	0.0
FURC	Furnace Creek,	38.13	56	IP	P	12 29 39.0	0.0
J06A	Christmas Vall	38.14	44	P	P	12 29 39.8	+0.6
L07A	Adell	38.16	46	IP	P	12 29 39.4	0.0
S09A	Goldfield	38.19	54	P	P	12 29 39.9	+0.2
E04A	Onalaska	38.21	38	IP	P	12 29 39.3	-0.5
BELC	Belle Mtn.	38.25	60	IP	P	12 29 40.5	+0.3
G05A	Wame	38.34	41	IP	P	12 29 41.1	+0.2
S06A	Prinville	38.41	43	IP	P	12 29 42.7	+1.2
SHOC	Shoshone	38.44	57	IP	P	12 29 41.8	+0.1
R09A	Tonopah	38.45	53	IP	P	12 29 41.5	-0.4
K07A	Rock Creek Ran	38.50	45	IP	P	12 29 42.4	+0.2
N00A	GE Springer M	38.52	49	IP	P	12 29 42.6	+0.2
U01A	Asht Meadows, A	38.53	56	IP	P	12 29 42.9	+0.4
F05A	White Salmon	38.58	40	IP	P	12 29 42.5	-0.4
BC3	Big Chuck Mtn	38.63	61	IP	P	12 29 43.5	+0.1
GMRC	Granite Mounta	38.68	59	P	P	12 29 43.8	0.0
C04A	Brinnon	38.69	36	IP	P	12 29 44.6	+0.8
H06A	Lindquist Farm	38.70	42	P	P	12 29 44.7	+0.7
J07A	Hines	38.75	44	IP	P	12 29 44.8	+0.5
E05A	Randle	38.75	39	IP	P	12 29 44.4	+0.1
G06A	Carlson Farm,	38.76	41	IP	P	12 29 44.7	+0.3
WVOR	Wild Horse Val	38.80	46	eP	P	12 29 45.1	+0.3
L08A	Fields	38.91	47	P	P	12 29 45.9	+0.2
F06A	Goldendale	38.93	40	IP	P	12 29 46.5	+0.7
I07A	Izee	38.93	43	P	P	12 29 46.9	+1.0
D05A	Enumclaw	38.95	38	IP	P	12 29 46.6	+0.6
N09A	Rock Creek Ran	38.98	49	IP	P	12 29 46.4	+0.1
O09A	Friso Creek Ran	38.98	50	IP	P	12 29 46.5	+0.2
K08A	Mann Creek Ran	39.03	46	P	P	12 29 47.2	+0.6
V11A	Goodsprings	39.10	57	IP	P	12 29 47.9	+0.6
H07A	Lands Inn, Kim	39.12	42	P	P	12 29 48.0	+0.6
E06A	Yakima	39.20	39	P	P	12 29 49.2	+1.1
M09A	Marrel Ranch,	39.23	48	IP	P	12 29 48.6	+0.2
J08A	Circle Bar Ran	39.29	45	P	P	12 29 49.3	+0.4
L09A	Wilkinson Ranc	39.31	47	IP	P	12 29 49.2	+0.2
P10A	Eureka	39.33	51	IP	P	12 29 48.3	-0.8
G07A	Rug Ranch, H	39.37	41	P	P	12 29 50.0	+0.5
Y12C	Blythe	39.41	61	IP	P	12 29 50.0	+0.1
W12A	Cal New Ari	39.43	58	IP	P	12 29 49.9	0.0
I08A	Drewsey	39.46	44	P	P	12 29 51.0	+0.7
B05A	Bryant	39.48	36	IP	P	12 29 50.8	+0.3
K09A	Rome	39.53	46	P	P	12 29 51.4	+0.6
V12A	Nelson	39.53	58	IP	P	12 29 51.7	+0.9
D06A	Cle Eium	39.62	38	IP	P	12 29 52.3	+0.7
H08A	Prairie City	39.66	43	P	P	12 29 52.1	+0.2
Q11A	Duewather	39.70	53	P	P	12 29 52.6	+0.4
J09A	Fry Pan Ranch,	39.77	45	P	P	12 29 53.6	+0.7
PDMC	Parker Dam,Lak	39.82	60	IP	P	12 29 54.4	+1.1
G08A	Pilot Rock	39.83	42	P	P	12 29 53.8	+0.4
P11A	Circle Ranch,	39.83	51	IP	P	12 29 54.0	+0.7
E07A	Sunnyside	39.88	40	IP	P	12 29 53.9	+0.1
A05A	Maple Falls	39.90	35	IP	P	12 29 54.6	+0.7
M10A	LL Ranch, Tu	39.91	48	IP	P	12 29 53.4	-0.6
U12A	Valley of Fire	39.93	57	IP	P	12 29 55.5	+1.3
I09A	Lost Marbles R	40.03	44	P	P	12 29 55.4	+0.3
O11A	Cowboy Ranch,	40.08	51	IP	P	12 29 55.1	-0.3
D07A	Quincy	40.13	39	IP	P	12 29 55.9	+0.1
X13A	Yucca	40.13	60	IP	P	12 29 55.6	-0.2
F08A	Pendleton	40.17	41	IP	P	12 29 56.7	+0.5
W13A	Hualapai Mount	40.18	59	P	P	12 29 56.9	+0.6
N11A	Elko Archery C	40.24	50	IP	P	12 29 57.4	+0.7
E08A	Dider Farm, El	40.33	40	P	P	12 29 57.3	-0.2
C07A	Waterville	40.33	38	IP	P	12 29 57.5	0.0
Q12A	Willow Creek R	40.37	53	P	P	12 29 58.5	+0.7
H09A	Durkee	40.37	43	IP	P	12 29 58.0	+0.2
M11A	Holland Ranch,	40.41	49	IP	P	12 29 58.5	+0.4
P12A	McGill	40.43	52	P	P	12 29 58.7	+0.4
J10A	Berg Farm, Mel	40.46	45	IP	P	12 29 58.9	+0.4
F09A	S2 Ranch, Elgi	40.67	42	P	P	12 30 00.8	+0.4
D08A	Wollman Farm,	40.68	39	P	P	12 30 00.4	-0.1
Y14A	Wickenburg	40.69	61	IP	P	12 30 00.6	+0.1
B07A	Winthrop	40.70	37	P	P	12 30 00.9	+0.4
N12A	Clover Valley,	40.75	50	IP	P	12 30 00.8	-0.2
Q12A	Currie	40.79	51	IP	P	12 30 01.7	+0.5
W14A	Seligman	40.84	59	IP	P	12 30 01.9	+0.1
A07A	Ashnola River,	40.86	36	IP	P	12 30 01.7	-0.2
X14A	Yava	40.87	60	IP	P	12 30 02.7	+0.7
E09A	Wood Farm, Sta	40.89	41	P	P	12 30 01.9	-0.3
C08A	Higginbotham F	40.97	38	P	P	12 30 03.0	+0.2
M12A	Wells	41.02	49	IP	P	12 30 03.2	-0.6
D09A	Jones Farm, Ri	41.05	40	IP	P	12 30 03.2	-0.3
B08A	Colville Reser	41.09	37	P	P	12 30 03.5	-0.3

ARUT	Antelope Range	41.10	55	eP</
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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like BESP Borongan, CNP Catarman, OCLP Ormoc, etc.

IDC 03 14:16:23.4.1.7, 157S-7786W, h162km, 16km, mb3.7/8, s-maj=21.9km s-min=12.3km az=62.0

NEIC 03 14:16:23.2.0.7, 163S-7789W, h161km, 7km, mb4.3/0, MD3.3(GO), Error ellipse: s-maj=12.2km s-min=6.1km az=59.0

BUI 03 14:16:23.1, 160S-7790W, h161km, mb4.8

ISCBJ 03 14:16:24.3.0.3, 168S-004-7798W, h187km, 2km, mb4.1/13, Error ellipse: s-maj=10.9km s-min=6.6km az=162.3

IGQ 03 14:16:26.1, 172S-7811W, h169km, 3km, Mb4.3, Ms4.1, Error ellipse: s-maj=4.5km s-min=2.6km az=35.5

ISC 03 14:16:25.3.0.3, 172S-004-7798W, h180km, 2km, n76, s-maj=14.5, mb4.1/13, SC-14D, Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like PATA Patococha, ULBA Ulba, ARRY Arrayan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like MKAR Makanchi Array, SONM Songino Array, KSRS Korea Array, etc.

ISCJB 03 14:33:16.8.2.0, 3454N-009-319E, h7km, 11km, Error ellipse: s-maj=22.9km s-min=15.3km az=19.7

NIC 03 14:33:18.6.0.2, 3461N-319E, h15km, ML3.3, MW3.2

CSEM 03 14:33:21.7.0.4, 3475N-322E, h15km, MW3.2, Error ellipse: s-maj=9.2km s-min=3.6km az=57.0

GRAL 03 14:33:22.6.3.3, 3464N-322E, h7km, 27km, MD3.5

ISC 03 14:33:18.1.1.9, 346N-01-319E, h14km, 8km, n14, s104/20, 1D, Cyprus region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like PPHY Paphos, SZAC Souni-Zanajia, ALFC Alevega, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like FCH Farellones, YECH El Yeso, CCHH Cerro Calan, etc.

NEIC 03 16:09:28.4, 3887S-17538E, h164km, MG3.9(WEL), After WEL

WEL 03 16:09:28.7.0.3, 3886S-17541E, h160km, 2km, ML3.5/13, 19C-17D, Error ellipse: s-maj=2.4km s-min=1.9km az=0.0, North Island

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like TWZ Taurewa, WTVZ West Tongario, FWZ Far West T-bar, etc.

IDC 03 14:53:18.1.1.9, 017N-12688E, h0km, mb3.3/3, mb1 3.6/3, mb1mx3.4/16, mbtm3.4/3, Error ellipse: s-maj=169.3km s-min=24.2km az=66.0, Northern Molucca Sea

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

IDC 03 16:09:46.9.2.1, 692S-1291E, h0km, mb3.6/1, mb1 3.6/4, mb1mx3.4/15, mbtm3.4/14, ML3.23, Error ellipse: s-maj=81.1km s-min=28.3km az=75.0, Banda Sea

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 03 16:27.5:3.9, 2085N, 14314E, h0km, mb3.7/5, mb1 3.8/5, mb1mx3.6/19, mbmp3.7/5, Error ellipse: s-maj=108.4km s-min=48.6km az=13.0, Mariana Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
KSR5	Korea Array	21.18	325	Op	P	ISC	16 21 16.1	+1.7
SOM2	Songino Array	39.97	321	P	P		16 20 42.0	-0.8
MKAR	Makanchi Array	55.25	313	P	P		16 26 01.8	-0.5
YKA	Yellowknife Arr	77.22	28	P	P		16 28 23.0	-0.3
BRTR	Keakin Array B	90.90	313	P	P		16 29 34.7	+1.6

IDC 03 16:17:56.4:8.5, 6765S, 15102E, h108km, 57km, mb2.9/3, mb1 3.0/4, mb1mx2.9/15, mbmp2.9/4, Error ellipse: s-maj=97.8km s-min=55.7km az=125.0, New Britain region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
PMG	Port Moresby	4.64	235	Op	P	ISC	16 19 04.0	+0.3
PMG	Port Moresby	4.64	235	S	S		16 19 58.4	+1.2
WRA	Warramunga Arr	20.83	229	P	P		16 22 29.2	-0.1
ASAR	Alice Springs	23.52	223	P	P		16 22 56.2	-0.4
FITZ	Fitzroy Crossi	27.19	243	P	P		16 23 30.9	+1.2
TORD	Torodi Ar. Bea	149.15	284	PKPbc	PKPbc		16 37 33.0	+0.9

JMA 03 16:42:55.1±0.1, 3810N, 14466E, h57km, M3.5, Off east coast of Honshu

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
OFUJ	Ofunato	25.4	294	Op	P	ISC	16 43 35.1	+1.2
OFUJ	Ofunato	25.4	294	eS	S		16 44 05.0	+1.4
JIO	Ouri	2.63	279	P	P		16 43 06.3	+1.0
MIJY	Miyakonagasawa	2.66	304	eS	S		16 44 07.6	+1.0
JMK	Ichinoseki	2.83	289	P	P		16 43 39.3	+1.5
JMK	Ichinoseki	2.83	289	eS	S		16 44 11.9	+1.2
JOT	Ohta	4.30	321	P	P		16 43 59.4	+1.4
JCH	Churui	4.62	348	P	P		16 44 01.9	-0.4
JCH	Churui	4.62	348	eS	S		16 44 51.2	-3.4
KJB	Kayabe	4.70	325	eS	S		16 44 54.9	-1.7
JRY	Ryogami san	5.05	247	P	P		16 44 08.9	+0.6
JOD2	Odawara 2	5.04	239	eS	S		16 45 08.0	-3.3
NIEM2	Nemuro 2	5.32	9	P	P		16 44 09.7	-2.3
NIEM2	Nemuro 2	5.32	9	eS	S		16 45 05.2	-6.8
MAT	Matsushiro	5.37	255	P	P		16 44 15.3	+2.6
MAT	Matsushiro	5.37	255	eS	S		16 45 19.3	+6.1
JTKR	Abashiri-Toko	5.89	355	eS	S		16 45 22.7	-3.2

IDC 03 16:45:19.4:8.7, 5585S, 15167E, h91km, 61km, mb3.4/4, mb1 3.5/5, mb1mx3.3/15, mbmp3.3/5, ML2.2/1, MS3.5/1, Ms1 3.5/1, ms1mx2.4/10, Error ellipse: s-maj=66.6km s-min=55.3km az=101.0

NEIC 03 16:45:06.4:2.2, 5315S, 15215E, h10km, Error ellipse: s-maj=61.3km s-min=33.5km az=130.0, New Britain region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
PMG	Port Moresby	6.41	230	Op	P	ISC	16 46 43.7	+2.9
PMG	Port Moresby	6.41	230	S	S		16 47 51.3	-2.7
WRA	Warramunga Arr	22.62	228	eP	P		16 50 06.6	-0.7
WRA	Warramunga Arr	22.62	228	P	P		16 50 06.6	-0.7
ASAR	Alice Springs	23.52	223	P	P		16 50 33.6	+0.2
STKA	Stephens Creek	28.22	199	P	P		16 50 59.5	+0.3
STKA	Stephens Creek	28.22	199	eP	P		16 51 07.9	+0.4
FITZ	Fitzroy Crossi	27.19	243	P	P		16 51 04.2	-0.7
NWAO	Narogin (SRO)	42.57	225	LR	LR		17 11 19.5	
TORD	Torodi Ar. Bea	149.85	287	PKPbc	PKPbc		17 04 59.2	+2.5
TORD	Torodi Ar. Bea	149.85	287	PKPbc	PKPbc		17 04 59.2	+2.5

NEIC 03 16:46:25.0:0.7, 4714N, 15279E, h10km, Error ellipse: s-maj=32.3km s-min=13.5km az=127.0

MOS 03 16:46:26.2:6.2, 4676N, 15352E, h33km, mb4.1/2, Error ellipse: s-maj=25.1km s-min=13.6km az=55.8

IDC 03 16:46:30.8:1.1, 4714N, 15286E, h58km, 75km, mb3.3/7, mb1 3.5/8, mb1mx3.2/22, mbmp3.3/8, ML2.3/1, Error ellipse: s-maj=38.4km s-min=19.4km az=116.0

ISCJB 03 16:46:33.3:1.6, 471N, 01.15292E, 02, h97km, 15km, mb3.4/7, Error ellipse: s-maj=31.3km s-min=11.9km az=91.1

ISC 03 16:46:35.2:1.4, 472N, 01.15292E, 02, h99km, 13km, n21, e0563/19, mb3.4/7, Kuril Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
ROSC	Severo-Kuril's	4.12	30	Op	P	ISC	16 47 35.5	-0.5
SKR	Severo-Kuril's	4.12	30	pmax	pmax		16 47 35.5	-0.5
YUK	Yuzh-Kuril'sk	5.83	240	PN	PN		16 47 58.7	-0.5
YSS	Yuzh-Sakhalins	6.92	272	ePN	ePN		16 48 14.4	+0.4
ASAJ	Asahikawa	7.82	251	P	P		16 48 26.9	+0.7
ASAJ	Asahikawa	7.82	251	PN	PN		16 48 27.0	+0.8
ASAJ	Asahikawa	7.82	251	pmax	pmax		16 48 27.0	+0.8
MJAR	Matsushiro Arr	15.21	231	P	P		16 50 00.3	-4.2
INK	Inuvik	41.40	33	P	P		16 54 11.2	-0.4
INK	Inuvik	41.40	33	pmax	pmax		16 54 11.2	-0.4
INK	Inuvik	41.40	33	P	P		16 54 12.1	-0.4
INK	Inuvik	41.40	33	eP	eP		16 54 12.1	-0.4
MKAR	Makanchi Array	46.42	297	PcP	PcP		16 56 26.4	+0.7
BVAR	Borovoye Array	50.48	309	PcP	PcP		16 56 40.1	+0.4
YKA	Yellowknife Arr	50.70	37	P	P		16 55 24.9	+0.4
YKA	Yellowknife Arr	50.70	37	eP	eP		16 55 24.9	+0.4
FINES	FINESS Array B	63.61	335	P	P		16 56 54.8	-0.7
FINES	FINESS Array B	63.61	335	pmax	pmax		16 56 54.8	-0.7
PDAR	Pinedale Array	64.64	34	P	P		16 57 03.3	+1.1
WRA	Warramunga Arr	68.84	199	P	P		16 57 28.2	-0.7
WRA	Warramunga Arr	68.84	199	P	P		16 57 28.2	-0.7
ASAR	Alice Springs	72.54	198	P	P		16 57 51.4	+0.1
GERES	GERESS Array B	78.03	334	P	P		16 58 22.5	-0.3

IDC 03 16:55:46.0:1.8, 6705S, 12996E, h0km, mb3.7/2, mb1 4.0/5, mb1mx3.8/15, mbmp3.8/5, ML4.1/3, Error ellipse: s-maj=82.3km s-min=25.5km az=71.0, Banda Sea

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
YKA	Yellowknife Arr	50.70	37	Op	P	ISC	16 55 24.9	+0.4

FITZ	Fitzroy Crossi	27.19	243	Op	PN	ISC	16 58 39.9	+0.4
FITZ	Fitzroy Crossi	27.19	243	S	S		17 00 41.9	-1.3
WRA	Warramunga Arr	13.84	183	PN	PN		16 59 04.0	+0.7
WRA	Warramunga Arr	13.84	183	S	S		17 01 26.4	-1.1
ASAR	Alice Springs	17.30	168	P	P		16 59 49.4	+0.6
ASAR	Alice Springs	17.30	168	S	S		17 02 51.3	-1.1
STKA	Stephens Creek	27.31	158	P	P		17 01 32.2	-0.1
MKAR	Makanchi Array	67.95	327	P	P		17 06 46.8	+0.2

IDC 03 17:01:21.0:1.3, 2196N, 14353E, h0km, mb3.7/6, mb1 4.0/6, mb1mx3.8/20, mbmp3.7/6, MS3.5/3, Ms1 3.5/3, ms1mx2.4km az=83.0, Mariana Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
KSR5	Korea Array	20.51	322	Op	LR	ISC	17 12 48.4	
SOM2	Songino Array	39.35	320	P	P		17 08 52.3	+0.3
WRA	Warramunga Arr	42.60	193	P	P		17 09 19.1	+0.3
ASAR	Alice Springs	46.30	192	P	P		17 09 48.5	+0.1
ZAL	Zalesovo	54.22	321	P	P		17 10 48.5	+0.1
MKAR	Makanchi Array	54.76	312	P	P		17 10 52.0	-0.4
YKA	Yellowknife Arr	76.08	28	P	P		17 13 10.2	-0.2
YKA	Yellowknife Arr	76.08	28	LR	LR		17 48 32.9	
PDAR	Pinedale Array	66.48	45	LR	LR		17 46 06.5	

ISCJB 03 17:15:11.3:0.4, 4760N, 002.756E, 0.03, h5km, Error ellipse: s-maj=3.5km s-min=3.1km az=95.6

ZUR 03 17:15:11.9:4, 4759N, 760E, h5km, 1km, ML 1.1

LEDBW 03 17:15:11.9:0.1, 4759N, 0007.7800E, 0.007, h7km, 1km, ML 1.3, Error ellipse: s-maj=3.0km s-min=1.8km az=133.0

STR 03 17:15:12.0:2, 4757N, 754E, h5km, 1km, ML1.7, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 03 17:15:12.1:0.2, 4759N, 756E, h2km, Md2.0/3, M2.1/5, Error ellipse: s-maj=2.6km s-min=1.5km az=102.0

ISC 03 17:15:11.1:0.8, 4758N, 003.758E, 0.04, h19km, 8km, n21, e049/30, 2C-2D, Switzerland

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
BBS	Basel-Blauen	0.12	202	Op	P	ISC	17 15 17.2	-0.6
BBS	Basel-Blauen	0.12	202	Pg	Pg		17 15 17.2	-0.6
BALST	Balsthal	0.26	162	Pg	Pg		17 15 17.2	+0.3
BALST	Balsthal	0.26	162	Sg	Sg		17 15 21.1	+0.2
BALST	Balsthal	0.26	162	Pg	Pg		17 15 21.3	+0.6
BOURR	Bourgnonn	0.30	232	Pg	Pg		17 15 22.6	+0.5
BOURR	Bourgnonn	0.30	232	Pg	Pg		17 15 18.3	+0.6
SULZ	Sulz-Chelsaiche	0.37	98	Pg	Pg		17 15 18.8	0.0
SULZ	Sulz-Chelsaiche	0.37	98	iSg	Sg		17 15 23.8	-0.3
SULZ	Sulz-Chelsaiche	0.37	98	Sg	Sg		17 15 23.7	-0.4
SULZ	Sulz-Chelsaiche	0.37	98	Pg	Pg		17 15 17.9	-0.2
MOF	Molkenrain	0.41	313	Pg	Pg		17 15 19.7	+0.2
MOF	Molkenrain	0.41	313	Sg	Sg		17 15 25.6	+0.4
MOF	Molkenrain	0.41	313	Sg	Sg		17 15 25.4	+0.2
FELD	Feldberg im Sc	0.41	44	Sms	Sg		17 15 29.0	-0.4
HMF	Hinterfeld	0.54	296	eP	Pg		17 15 22.1	+0.1
HMF	Hinterfeld	0.54	296	eSg	Sg		17 15 29.5	+0.2
SLE	Schleitheim	0.65	73	eP	Pg		17 15 23.8	-0.1
ECH	Ech	0.70	336	Pg	Pg		17 15 25.5	+0.7
CDF	Champ du Feu	0.86	346	eP	Pg		17 15 28.3	+0.5
CDF	Champ du Feu	0.86	346	eSg	Sg		17 15 39.0	-0.2
HAU	Hautompre	0.93	298	eP	Pg		17 15 29.5	+0.3
HAU	Hautompre	0.93	298	eSg	Sg		17 15 41.9	+0.4
CABF	La Chapelle	1.04	227	eP	Pg		17 15 38.5	+0.3
CABF	La Chapelle	1.04	227					

3d 20h

Table with columns for station name, frequency, power, and other technical details. Includes stations like FINES, FINESS Array B, FINESS Array S, Vojsko, Fossombrone, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like KWP Kalwaria, KWP Kolonice sedl, KWP Kolonice sedl, Uzhgorod, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like ANN, ANTO Ankara, ARU Arti, BOD Bodaibo, etc.

3d 21h

JHU	LR	LR	21 09 49.3
ERM	comp-Z,732nm,19.2s,baz=229,slow=28		
ERMO	6.61 17 eP	Pn	21 10 08.1 -2.1
JNU	Nakatsue 8.45 25 eP	Pn	21 10 39.8 +4.4
ASAJ	comp-Z,5.5nm,0.3s,baz=287,slow=30,SNR=5.1		
ASAJA	Asahikawa 8.54 10 P	Pn	21 10 35.7 -1.0
ASAJA	Asahikawa 8.54 10 P	Pn	21 10 35.7 -1.0
ASAJ	comp-Z,5.0nm,0.3s		
CBJ	Chichi jima 8.68 171 P	Pn	21 10 35.6 -2.9
YUK	Yuzh-Kuril'sk 9.25 24 eP	Pn	21 10 43.0 -3.3
KSRS	Korea Array 10.36 283 P	Pn	21 11 05.8 +4.3
KSRS	baz=98,slow=14,SNR=26		
YSS	comp-Z,546nm,19.2s,baz=150,slow=38		
YSS	Yuzh-Sakhalins 11.36 7 eP	Pn	21 11 18.0 +2.8
HABR	Yuzh-Sakhalins 11.36 7 eP	Pn	21 11 17.4 +2.2
HABR	Khabarovsk 13.41 344 eS	Sn	21 11 37.9 -5.3
JOW	Kunigami 13.76 233 LR	LR	21 16 40.8
JOW	comp-Z,355nm,20.7s,baz=330,slow=36		
SNY	Shenyang 14.63 300 P	P	21 12 05.1 +5.5
SNY	comp-Z,36nm,0.7s		
SNY	AMB	AMB	
SNY	comp-Z,179nm,4.8s		
SNY	comp-N,521nm,20.4s		
SNY	comp-E,512nm,22.5s		
DL2	Dalian 15.45 288 P	Pn	21 12 14.5 +4.2
DL2	S	S	21 15 07.5 -6.7
DL2	AMB	AMB	
DL2	comp-Z,20nm,0.7s		
DL2	AMB	AMB	
DL2	comp-Z,180nm,6.9s		
DL2	comp-N,290nm,14.9s		
DL2	comp-E,190nm,16.0s		
DL2	LR	LR	
BJJ	Beijing 19.76 290 eP	Pn	21 13 00.7 -2.6
BJJ	AMB	AMB	
BJJ	comp-Z,19nm,1.0s		
BJJ	AMB	AMB	
BJJ	comp-Z,477nm,5.1s		
BJJ	comp-N,534nm,33.5s		
BJJ	comp-E,629nm,33.5s		
BJJ	LR	LR	
BJT	Baijiutau 19.76 290 eP	Pn	21 13 00.0 -3.4
BJT	AMB	AMB	
BJT	comp-Z,15nm,0.6s		
BJT	Baijiutau 19.76 290 eP	Pn	21 12 60.0 -3.4
BJT	comp-Z,15nm,0.6s		
YHNB	Yeheng 19.90 242 eP	Pn	21 13 01.7 -3.4
NACB	Ninganchiao 20.05 240 eP	Pn	21 13 03.9 -0.8
PET	Petrovlovsk 21.49 31 eP	Pn	21 13 19.6 -0.6
PET	AMB	AMB	
WHN	comp-Z,37nm,1.1s,mb4.6		
MA2	Wuhan 22.56 264 P	P	21 13 13.2 -0.5
MA2	Magadan 24.79 12 P	P	21 13 54.3 +1.3
MA2	comp-Z,13nm,0.6s,mb4.6		
MA2	Magadan 24.79 12 P	P	21 13 54.2 +1.2
ENH	Enshi 26.60 267 eP	Pn	21 14 08.9 -0.5
YAK	Yakutsk 27.24 349 eP	Pn	21 14 15.7 +0.6
YAK	AMB	AMB	
YAK	comp-Z,37nm,1.4s,mb4.7		
YAK	Yakutsk 27.24 349 eP	Pn	21 14 14.7 -0.4
ULN	comp-Z,24nm,0.7s,mb4.8		
ULN	Ulanbatar 27.60 307 eP	Pn	21 14 19.8 +1.4
ULN	Ulanbatar 27.60 307 eP	Pn	21 14 17.8 -0.6
ULN	comp-Z,9.5nm,0.9s,mb4.4		
SOMM	Songino Array 28.03 306 P	P	21 14 21.8 -0.4
SOMM	comp-Z,5.1nm,0.7s,mb4.2,baz=106,slow=8.8,SNR=16		
SOMM	Songino Array 28.03 306 P	P	21 14 21.8 -0.4
SOMM	AMB	AMB	
BOD	Bodaibo 28.34 330 eP	Pn	21 14 24.3 -0.6
BOD	AMB	AMB	
GTA	comp-Z,9.0nm,1.3s,mb4.2		
GTA	Gaotai 32.37 289 eP	Pn	21 15 01.2 +0.7
GTA	AMB	AMB	
BILL	comp-Z,9.0nm,0.7s,mb4.7		
BILL	Bilibino 35.49 16 P	P	21 15 28.1 +0.5
BILL	Bilibino 35.49 16 P	P	21 15 28.1 +0.5
TIXI	Tiksi 36.54 354 eP	Pn	21 15 35.3 -1.3
TIXI	AMB	AMB	
TIXI	comp-Z,3.0nm,0.6s,mb4.3		
TIXI	Tiksi 36.54 354 eP	Pn	21 15 35.3 -1.3
KRAR	Krasnoyarsk 38.00 318 eP	Pn	21 15 49.4 +0.5
CM31	Chiang Mai Arr 40.55 256 eP	Pn	21 16 09.9 -0.2
WMQ	Urumqi 40.88 298 P	P	21 16 13.3 +0.3
WMQ	AMB	AMB	
WMQ	comp-Z,26nm,1.2s,mb4.7		
LSA	Lhasa 41.70 276 eP	Pn	21 16 21.5 +1.8
LSA	AMB	AMB	
LSA	comp-Z,53nm,1.2s,mb5.0		
LSA	Lhasa 41.70 276 eP	Pn	21 16 21.4 +1.8
ZAL	comp-Z,53nm,1.2s,mb5.0		
ZAL	Zalesovo 42.37 313 P	P	21 16 25.6 +0.5
ZAL	comp-Z,5.1nm,0.8s,mb4.2,baz=16,slow=8.4,SNR=14		
ZAL	Zalesovo 42.37 313 P	P	21 16 25.6 +0.5
ZAL	AMB	AMB	
MK31	comp-Z,5.0nm,0.8s		
MKAR	Makanchi Array 44.30 303 eP	Pn	21 16 40.9 +0.2
MKAR	Makanchi Array 44.30 303 P	Pn	21 16 40.9 +0.2
MKAR	comp-Z,10nm,0.6s,mb4.7,baz=84,slow=9.5,SNR=67		
MKAR	Makanchi Array 44.30 303 P	Pn	21 16 40.9 +0.2
MKAR	AMB	AMB	
PMG	Port Moresby 45.28 171 P	P	21 16 48.7 +0.2
KURK	Kurchatov 46.26 309 P	P	21 16 55.5 -0.7
KURK	AMB	AMB	
GUN	comp-Z,17nm,0.9s,mb5.0		
GUN	Gumba 46.66 276 eP	Pn	21 16 59.9 +0.6
GUN	comp-Z,66nm,0.8s,mb5.6		
PKI	Pulchoki 47.18 276 eP	Pn	21 17 03.4 0.0
KKN	comp-Z,29nm,0.8s,mb5.2		
KKN	Kakani 47.19 277 eP	Pn	21 17 03.6 +0.1
DMN	Daman 47.41 276 eP	Pn	21 17 04.8 -0.4
GKN	Gorkha 47.62 277 eP	Pn	21 17 06.9 0.0
KOLN	comp-Z,30nm,0.4s,mb5.0		
KOLN	Koldan 48.56 277 eP	Pn	21 17 14.6 +0.5
KAKA	Kakadu 48.76 191 eP	Pn	21 17 15.8 +0.2
KAKA	comp-Z,14nm,0.9s,mb5.0		
TKM2	Tokmak 2 49.71 299 P	P	21 17 23.8 +0.9
TKM2	AMB	AMB	
PSI	comp-Z,15nm,0.8s,mb5.1		
PSI	Prapat 50.56 239 P	P	21 17 28.4 -1.0
PSI	comp-Z,4.3nm,0.6s,mb4.5,baz=60,slow=6.0,SNR=5.1		
PSI	Prapat 50.56 239 P	P	21 17 28.4 -0.9
PSI	AMB	AMB	
AAK	Ala-Archa 50.57 299 eP	Pn	21 17 28.9 -0.5
AAK	AMB	AMB	
AAK	comp-Z,12nm,1.2s,mb4.7		
AAK	Ala-Archa 50.57 299 eP	Pn	21 17 28.9 -0.5
BVA0	Borovoye Array 51.00 313 P	P	21 17 32.8 +0.1
BVA0	AMB	AMB	
BVA0	comp-Z,1.0nm,0.8s,mb3.8		
BVA0	Borovoye Array 51.00 313 P	P	21 17 32.8 +0.1
BVA0	comp-Z,5.9nm,0.6s,mb4.7,baz=72,slow=7.1,SNR=16		
BVA0	Borovoye Array 51.00 313 P	P	21 17 32.8 +0.1
BVA0	AMB	AMB	
BRVK	Borovoye 51.06 313 P	P	21 17 33.0 -0.1
BRVK	AMB	AMB	
BRVK	comp-Z,3.0nm,0.8s,mb4.3		
BRVK	Borovoye 51.06 313 eP	P	21 17 33.0 -0.1

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KK31	comp-Z,13nm,0.9s,mb4.8		
KK31	Kararay Array 53.25 301 P	P	21 17 49.0 -0.3
KK31	AMB	AMB	
KKAR	comp-Z,2.0nm,0.4s,mb4.4		
KKAR	Kararay Array 53.25 301 P	P	21 17 49.0 -0.3
KKAR	AMB	AMB	
EGAK	comp-Z,1.0nm,0.4s,mb4.1		
EGAK	Eagle 53.41 31 P	P	21 17 51.2 +0.7
FITZ	comp-Z,208nm,1.2s		
FITZ	Fitzroy Cross 55.36 197 eP	P	21 18 04.6 -0.1
FITZ	Fitzroy Crossi 55.36 197 eP	P	21 18 04.7 0.0
FITZ	comp-Z,10.0nm,0.6s,mb5.0,baz=14,slow=9.4,SNR=26		
WRAB	Warramunga Arr 55.65 187 eP	P	21 18 05.5 -1.2
WB2	Warramunga Arr 55.65 187 eP	P	21 18 05.9 -0.9
WRA	Warramunga Arr 55.65 187 P	P	21 18 06.0 -0.8
WRA	Warramunga Arr 55.65 187 P	P	21 18 06.0 -0.8
WRA	comp-Z,5.7nm,0.4s,mb4.9,baz=1.1,slow=7.5,SNR=48		
WRA	Warramunga Arr 55.65 187 P	P	21 18 06.0 -0.8
WRA	AMB	AMB	
CTAO	comp-Z,6.0nm,0.4s		
CTAO	Charters Tower 55.74 174 eP	P	21 18 07.1 -0.3
CTAO	AMB	AMB	
CTAO	comp-Z,3.0nm,0.6s,mb4.5		
CTAO	Charters Tower 55.74 174 eP	P	21 18 07.1 -0.3
CTAO	AMB	AMB	
CTAO	comp-Z,2.5nm,0.6s,mb4.4		
INX	Inuvik 55.87 27 P	P	21 18 07.5 -0.8
INX	comp-Z,3.7nm,1.0s,mb4.4,baz=226,slow=3.9,SNR=5.2		
INX	Inuvik 55.87 27 eP	P	21 18 09.0 +0.7
ARU	Arti 56.94 319 P	P	21 18 15.4 -0.6
ARU	AMB	AMB	
ARU	comp-Z,25nm,0.8s,mb5.3		
ARU	Arti 56.94 319 eP	P	21 18 15.7 -0.2
AB31	Akbulak array 58.31 311 P	P	21 18 25.1 -0.5
AB31	AMB	AMB	
AKTK	Aktubinsk 59.09 312 P	P	21 18 29.3 -1.8
AKTO	Aktubinsk 59.09 312 P	P	21 18 29.3 -1.8
AKTO	comp-Z,7.3nm,0.9s,mb4.7,baz=75,slow=6.2,SNR=11		
AKTO	Aktubinsk 59.09 312 P	P	21 18 29.9 -1.1
ASAR	Alice Springs 59.38 187 P	P	21 18 32.6 -0.4
ASAR	Alice Springs 59.38 187 P	P	21 18 32.7 -0.3
ASAR	comp-Z,3.0nm,0.5s,mb4.1,slow=9.4,SNR=38		
ASAR	Alice Springs 59.38 187 P	P	21 18 32.7 -0.3
ASAR	AMB	AMB	
DLBC	Dease Lake 60.07 37 P	P	21 18 37.4 -0.4
RES	Resolute Bay 64.05 14 P	P	21 19 04.3 -0.2
ARCES	comp-Z,234nm,0.9s		
ARCES	ARCES Array B 65.02 339 eP	P	21 19 10.7 -0.1
ARCES	comp-Z,12nm,0.8s,mb4.9,baz=361,slow=7.3,SNR=7.8		
ARCES	ARCES Array B 65.02 339 P	P	21 19 10.7 -0.1
ARCES	AMB	AMB	
AREO	comp-Z,12nm,1.0s		
AREO	ARCES Array B 65.02 339 eP	P	21 19 10.0 -0.8
YKA	Yellowknife Arr 65.28 30 P	P	21 19 12.4 -0.1
YKA	comp-Z,1.0nm,0.8s,mb3.9,baz=302,slow=6.7,SNR=6.8		
YKA	Yellowknife Arr 65.28 30 P	P	21 19 12.4 -0.1
YKA	AMB	AMB	
FOR	Forrest 67.17 192 eP	P	21 19 24.2 -0.4
STKA	comp-Z,22nm,0.5s,mb5.4		
STKA	Stevens Creek 67.22 179 P	P	21 19 24.4 -0.5
OBN	comp-Z,3.9nm,0.6s,mb4.6,baz=350,slow=4.9,SNR=5.8		
OBN	Obninsk 68.78 323 P	P	21 19 34.4 -0.3
OBN	AMB	AMB	
OBN	comp-Z,18nm,1.5s,mb4.8		
OBN	Obninsk 68.78 323 eP	P	21 19 34.4 -0.3
KAF	Kangasini 69.20 333 eP	P	21 19 35.8 -1.5
KAF	Kangasini 69.20 333 eP	P	21 19 35.8 -1.5
KAF	comp-Z,5.7nm,0.5s,mb4.8,baz=51,slow=5.8		
KAF	Kangasini 69.20 333 eP	P	21 19 35.8 -1.5
KAF	AMB	AMB	
VRSR	comp-Z,6.0nm,0.5s,mb4.8		
VRSR	Storozhevoje 69.50 319 eP	P	21 19 38.9 -0.2
VRSR	AMB	AMB	
VRSR	comp-E,10.0nm,0.8s		
VRSR	Storozhevoje 69.50 319 eP	P	21 19 38.9 -0.2
VRSR	AMB	AMB	
VRSR	comp-Z,10.0nm,0.8s,mb4.8		
VRSR	Storozhevoje 69.50 319 eP	P	21 19 38.9 -0.2
VRSR	AMB	AMB	
VRSR	comp-N,10.0nm,0.9s		
VRSR	Storozhevoje 69.50 319 eP	P	21 19 40.0 -0.3
VRSR	AMB	AMB	
VRSR	comp-Z,1.2nm,0.8s,mb4.5,baz=45,slow=7.3,SNR=23		
VRSR	Storozhevoje 69.50 319 eP	P	21 19 40.0 -0.3
VRSR	AMB	AMB	
VRSR	comp-Z,4.0nm,0.7s		
VRSR	Storozhevoje 69.50 319 eP	P	21 19 43.0 -1.0
VRSR	AMB	AMB	
VRSR	comp-Z,7.4nm,2.0s,mb5.3		
VRSR	Tsey 71.16 309 eP	P	21 19 48.5 -0.8
VRSR	AMB	AMB	
VRSR	comp-Z,7.0nm,0.9s,mb4.6		
VRSR	Kislovodsk 71.30 311 P	P	21 19 51.6 +1.5
VRSR	AMB	AMB	
VRSR	comp-Z,4.7nm,1.5s,mb5.2		
VRSR	Kislovodsk 71.30 311 P	P	21 19 50.5 +0.4
VRSR			

Table with columns: SSF, AVF, AVF, 0.3nm, 0.2s, 4.15 248 ePg, 21 15 29.3 -1.3, 21 14 41.9 -1.6, 21 15 36.0 -1.3

ISCJB 03 21:34:50.7±0.5, 266S:0.1±678E:0.1, h10km, mb4.0/13, Error ellipse: s-maj=15.3km s-min=12.9km az=42.7

IDC 03 21:34:51.2±0.7, 265S:0.6±777E:0.0, h0km, mb4.0/11, mb1 4/2.1, mb1mx4.0/2.1, mbtmp4.0/1.1, Error ellipse: s-maj=23.9km s-min=20.2km az=25.0

NEIC 03 21:34:52.3±0.4, 265S:0.6±775E:0.1, h10km, mb4.3/4, Error ellipse: s-maj=12.2km s-min=10.3km az=203.0

ISC 03 21:34:52.8±0.5, 265S:0.1±678E:0.1, h10km, n23, ±06/6/22, mb4.0/13, Indian Ocean Triple Junction

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

MOS 03 22:24:24.7±2.3, 4298N:4697E, h10km, mb3.7/1, 1C-2D, Error ellipse: s-maj=13.0km s-min=11.3km az=91.0, Eastern Caucasus

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

ISCJB 03 23:00:23.6±0.2, 4845N:001±900E:0.02, h9km, Error ellipse: s-maj=2.2km s-min=1.8km az=102.0

LEDBW 03 23:00:25.4±0.1, 4844N:0007±9032E:0.007, h9km, 3km, ML 1.8, Error ellipse: s-maj=2.6km s-min=2.2km az=62.0

BGR 03 23:00:25.3±0.4, 4846N:907E, h5km, ML 2.9, Error ellipse: s-maj=4.4km s-min=3.3km az=162.0

STR 03 23:00:25.9±0.3, 4848N:894E, h10km, 1km, ML 2.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 03 23:00:26.0±0.1, 4846N:898E, h2km, Md2.5/3, Ml2.4/17, Error ellipse: s-maj=1.4km s-min=0.9km az=100.0

ISC 03 23:00:24.3±0.2, 4846N:001±900E:0.02, h17km, 3km, n53, ±105/91, 6C-4D, Germany

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

Table with columns: UBR, CDF, CDF, 23nm, 0.2s, 1.15 268 ePg, 23 00 59.9 +1.8, 23 00 47.3 +0.7, 23 01 02.0 +0.4

Table with columns: TOD, ECH, ECH, 1.16 354 ePg, 1.25 260 ePg, 23 01 03.0 +1.1, 23 00 29.2 +0.7, 23 01 06.0 +1.1, 23 00 50.6 +1.0, 23 01 07.6 +0.9

Table with columns: DAVA, Damuels, 2.1 153 iPg, 2.9nm, 0.3s, 1.41 226 ePg, 1.54 100 ePn, 23 01 11.2 +1.3, 23 00 52.0 +1.0

Table with columns: BBS, Basel-Blauen, 1.41 226 ePg, FUR, Furstenteldbru, 1.54 100 ePn, 23 01 11.2 +1.3, 23 00 52.0 +1.0

Table with columns: FUR, Hinterfeld, 1.58 247 ePg, HNF, Hinterfeld, 1.58 247 ePg, 3.9nm, 0.2s, 1.80 127 iPh, 23 01 14.2 0.0, 23 00 54.9 +0.2, 23 01 15.5 +0.3

Table with columns: MOT, Moosalm, 1.80 127 iPh, TNS, Taunus Mts, 1.81 349 ePg, HAU, Hadoumpre, 1.83 257 ePg, 23 00 58.7 -0.2, 23 01 23.0 -0.3

Table with columns: LOMF, Lomont, 1.83 234 ePg, GRF, Grafenberg Arr, 1.91 49 ePg, 23 01 00.2 +0.6, 23 01 01.2 +0.1

Table with columns: GRF, Grafenberg Arr, 1.91 49 ePg, MEZF, Maizieres J'vi, 2.63 272 ePg, 2.6nm, 0.3s, 2.65 74 ePg, 2.66 266 ePg, 23 01 24.6 -1.3, 23 01 13.7 -1.0, 23 01 48.1 -0.7

Table with columns: WET, Wettzell, 2.65 74 ePg, SFTF, Sextfontaines, 2.66 266 ePg, 3.1nm, 0.2s, 2.70 228 ePg, 2.70 228 ePg, 23 01 15.9 -0.3, 23 01 50.9 -0.3

Table with columns: CABF, La Chapelle, 2.70 228 ePg, MOX, Moxa, 2.77 37 ePg, 0.8nm, 0.2s, 2.77 37 ePg, 23 01 16.8 -0.7, 23 01 40.4 -0.6, 23 01 51.8 -1.6, 23 01 19.2 -0.6

Table with columns: GUNZ, Gunzen, 2.89 47 ePg, WERD, Werda, 2.94 46 ePg, TANN, Tannenbergsgha, 2.99 48 ePg, 23 01 55.9 -1.4, 23 01 56.0 -1.0, 23 01 20.6 -1.0

Table with columns: GEC2, GERE Array S, 3.14 81 ePg, LPL, La Plagne, 3.33 209 ePg, 0.9nm, 0.3s, 3.34 208 ePg, 3.34 208 ePg, 23 02 03.7 -1.5, 23 01 27.8 -0.3, 23 02 10.7 -0.5

Table with columns: LPG, La Plagne, 3.34 208 ePg, LOR, Lormes, 3.66 253 ePg, 0.5nm, 0.2s, 3.66 253 ePg, 23 01 33.8 -0.7, 23 02 20.4 -1.5

Table with columns: SMF, Signal de Mont, 3.94 245 ePg, SMF, Saint Saule, 3.96 251 ePg, 0.9nm, 0.2s, 3.96 251 ePg, 23 01 38.4 -1.3, 23 02 29.4 -1.4, 23 02 29.9 -1.2, 23 02 29.7 -1.8

Table with columns: AVF, Avril sur Loir, 4.17 249 ePg, AVF, Avril sur Loir, 4.17 249 ePg, 0.6nm, 0.3s, 4.17 249 ePg, 23 01 42.9 -1.3, 23 02 36.1 -2.1

Table with columns: HYF, Humbigny, 4.45 257 ePg, HYF, Bois d'Agland, 4.58 248 ePg, 0.8nm, 0.2s, 4.58 248 ePg, 23 01 48.3 -1.2, 23 02 45.0 -2.0, 23 01 50.8 -1.3, 23 02 49.3 -2.2

Table with columns: IDC 03 23:00:45.2±1.4, 4657N:153.18E, h0km, mb3.8/6, mb1 4/0.6, mb1mx3.7/2.1, mbtmp3.8/6, Error ellipse: s-maj=85.2km s-min=32.7km az=86.0

Table with columns: IDC 03 23:00:52.2±1.2, 4671N:02±1536E:0.3, h70km, 15km, mb3.6/6, Error ellipse: s-maj=43.8km s-min=12.5km az=71.5

Table with columns: MOS 03 23:00:52.7±1.6, 4668N:153.51E, h72km, mb4.1/4, Error ellipse: s-maj=32.6km s-min=18.4km az=84.1

Table with columns: ISC 03 23:00:54.2±1.9, 4671N:02±1536E:0.3, h74km, 13km, n12, ±08/113, mb3.6/6, Kuril Islands

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

Table with columns: MAW, Mawson, 84.77 202 eP, 2.8nm, 0.8s, mb4.4, 23 37 17.6 -1.9, MKAR, Makanchi Array, 89.08 318 P, 0.9nm, 0.7s, mb4.2, bazz=101, slow=6.4, SNR=4.8, 23 37 40.5 +0.1

ISCJB 03 23:45:51.1±0.5, 4756N:003±750E:0.04, h5km, Error ellipse: s-maj=4.5km s-min=3.5km az=51.4

ZUR 03 23:45:52.4±0.4, 4759N:760E, h5km, 1km, ML 1.0, STR 03 23:45:52.4±0.4, 4758N:754E, h5km, 1km, ML 1.6, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 03 23:45:52.6±0.2, 4759N:753E, h2km, Md2.2/3, Ml2.0/7, Error ellipse: s-maj=2.9km s-min=1.7km az=120.0

ISC 03 23:45:51.8±0.5, 4757N:003±754E:0.04, h5km, n13, ±07/2/23, 3C-1D, Switzerland

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

IDC 03 23:46:42.6±0.9, 4605N:15415E, h0km, mb3.7/7, mb1 4/0.7, mb1mx3.7/2.1, mbtmp3.7/7, Error ellipse: s-maj=31.5km s-min=22.4km az=123.0, East of Kuril Islands

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

SZGRF 04 00:05:34.3, 4772N:15878E, h33km, mb4.6, East of Kuril Islands, Russia

ISCJB 04 00:05:35.3±1.8, 4775N:005±15458E:0.05, h23km, 12km, mb4.5/7, MS3.7/5, Error ellipse: s-maj=8.9km s-min=5.2km az=124.8

BUJ 04 00:05:36.0, 4770N:15450E, h30km, mb5.0, mb4.4, Ms4.2, Ms3.9

MOS 04 00:05:38.6±1.1, 4774N:15449E, h49km, mb4.6/34, Error ellipse: s-maj=9.4km s-min=5.8km az=96.4

NEIC 04 00:05:38.0±1.7, 4772N:15454E, h30km, 11km, mb4.6/34, Error ellipse: s-maj=5.2km s-min=3.7km az=158.0

IDC 04 00:05:40.7±3.9, 4769N:15458E, h58km, 36km, mb3.9/16, mb1 4/1/18, mb1mx4.0/2.5, mbtmp3.9/18, ML 3.5/2, MS3.7/5, Ms1 3.8/4, Ms1mx3.2/34, Error ellipse: s-maj=18.0km s-min=14.5km az=140.0

ISC 04 00:05:41.0±0.8, 4782N:005±15450E:0.06, h37km, 7km, h31km, 2.3km, pP, n166, ±08/2/186, mb4.5/7, MS3.7/5, 3C-1D, Kuril Islands

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

Table with columns: SKR, Severo-Kuril's, 3.06 20 ePn, 23 01 57.4 -0.5, 23 02 47.5 -0.2, 23 02 21.5 -0.5, 23 09 18.7 -1.4

Table with columns: YUK, Yuzh-Kuril'sk, 6.05 247 ePn, MKAR, Makanchi Array, 47.27 298 P, 1.3nm, 0.9s, mb3.6, bazz=70, slow=10, SNR=5.0, 23 09 18.7 -1.3

Table with columns: MKAR, Makanchi Array, 47.27 298 P, FINES, FINESS Array B, 64.25 335 P, comp=Z, 1.0nm, 1.0s, 64.25 335 P, 23 11 21.1 -0.4

Table with columns: FINES, FINESS Array A, 64.25 335 P, NOA, NORPAR Array B, 68.41 341 P, comp=Z, 2.2nm, 0.9s, mb4.0, bazz=28, slow=6.5, SNR=2.8, 23 11 21.2 -0.3

Table with columns: NOA, NORPAR Array A, 68.41 341 P, AOSG, Malin Array Be, 71.80 326 P, comp=Z, 1.1nm, 0.6s, mb3.9, bazz=35, slow=6.2, SNR=7.8, 23 11 48.6 +0.5

4d 0h

Table with columns: Call, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like Bilbino, KSRs, KSRs, HIA, etc.

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Table with columns: Call, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like Paradox Valley, NORARS, NOA, etc.

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Table with columns: Call, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like La Plagne, Severo-Kuril's, etc.

ICD 04 00:07:50.2,0.8, 4728N;153.19E, h0km, mb4.0/13, mb1 4.3/15, mb1mx4.1/25, mbtmp4.1/15, ML4.3/2, MS3.9/1, Ms1 3.9/1, ms1mx2.5/33, Error ellipse: s-maj=23.3km s-min=16.6km az=133.0

ISCJB 04 00:07:54.1, 3, 4717N;009.1532E;02, h39km, 11km, mb4.1/13, MS3.7/1, Error ellipse: s-maj=21.5km s-min=8.1km az=80.7

MOS 04 00:07:54.8, 0.7, 4730N;152.94E, h41km, mb4.5/8, Error ellipse: s-maj=25.6km s-min=13.4km az=74.1

ISC 04 00:07:56.4, 1, 4720N;009.153, 0.1, h46km, 10km, n42, c077/43, mb4.1/13, MS3.7/1, 2C-7D, Kuril Islands

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like Severo-Kuril's, Yuzh-Sakhalin, etc.

4d 3h

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

ISCJB 04 02:24:28.2.0.4, 4063N-002:2341E.003, h7km, 4km, Error ellipse: s-maj=4.2km s-min=2.9km az=173.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SOH Sokhos, HORT Hortiat, PLG Polygyros, etc.

ISCJB 04 02:39:23.0.3, 4845N.001:894E.002, h9km, 3km, Error ellipse: s-maj=2.8km s-min=2.4km az=71.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JUND Jungingen, BUCH Bad Urach, LBG Lerchenberg, etc.

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Table with columns: SIND, Station Name, Az, Phase ID, Time, Res. Includes stations like SIND Sindeldorf, Schriesheim-Wi, Ueberruh, etc.

ISCJB 04 02:42:54.5.3.0, 811S.010:1189E.01, h13km, 19km, mb4.1/11, MS3.6/3, Error ellipse: s-maj=21.8km

ISC 04 02:43:02.3.1.7, 815S:010:1191E:01, h61km, 15km, n22, r1524/24, mb4.2/10, Flores region

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

ISCJB 04 02:52:41.3.0.5, 1064N-003:6176W.003, h58km, 5km, mb3.6/3, Error ellipse: s-maj=5.8km s-min=4.6km az=92.7

Table with columns: TRN, Station Name, Az, Phase ID, Time, Res. Includes stations like TRN Pointe-a-Pierre, TPP Pointe-a-Pierre, GUIV Guiria, etc.

KRSC 04 03:02:02.8.0.9, 5233N-16067E, h14km, 16km, 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, NLC Nalytchevo, RUS Russkaya, etc.

ISCJB 04 03:19:01.7.0.9, 5883N-008:1547W.02, h137km, 9km, mb3.9/4, Error ellipse: s-maj=16.7km s-min=12.3km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AUL Augustine Lava, KDAD Kodiak Island, KDAK Kodiak Island, etc.

NIED 04 03:34:00, 4520N-15020E, h92km, Mw4.6 Best double couple: M7.76000x1015 NP2=11.00000, 857.00000, 1.146.00000

ISC 04 03:34:38.7,0.4,4588N,004.14996E,004,h110km,4km, h128km,2.9km;pP-P,n283,c0:95/299,mb4.5/41,64C-60D, Kuril Islands

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res. Includes stations like Kuril'sk, Nemuro 2, Rausu, Ashorobuto, Kamakawa 2, etc.

Table with columns: MDJ, ZEA, ZNA, etc. Includes stations like Korea Array, Chul'man, Kodiak Island, etc.

Table with columns: LSA, BVAR, BVAR, etc. Includes stations like Borovoye Array, Chiang Mai, Resolute Bay, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WNVZ, MOVZ, WPHZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SPN, MKZ, KZMR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PVCC, CONA, KOLS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR, WB2, WRA, MAW, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 04 04:47:41.3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STR 04 05:23:39.0, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ISCJB 04 04:16:02.6, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 04 05:11:44.9, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ETSF, SJPF, ESAC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRSC 04 04:19:04.5, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ISCJB 04 05:53:02.9, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like SVKR Severomuyksk, SYVR Suvo, OGRR Ongureny, MXMB Maximikha, BOD Bodaibo, NLYR Nelyaty, TRTB Turuntaevo, FFNB Fotonovo, CIT Chita, CRS Chara, LSTR Listvyanka, TLY Talaya, TUP Tupik, ARS Arshan, KPC Khapcheranga, MOY Mondy.

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC. Includes stations like NIZ Nizh Angarsk, KMO Kumora, YOA Uoyan, YLYR Ulyunkhan, SVKR Severomuyksk, OGRR Ongureny, MXMB Maximikha, BOD Bodaibo.

Table with columns for station name, coordinates, and various parameters. Includes stations like BOD, NLYR Nelyaty, TYRGN Tyrgan, TRTB Turuntaevo, FFNB Fotonovo, CIT Chita, CRS Chara, LSTR Listvyanka, TLY Talaya, TUP Tupik, ARS Arshan.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like SOKR Solikamsk, ARU Arti, and many others.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like VRHR, ERZM, SUW, KAR, and many others.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like MCK, ERZM, SUW, KAR, and many others.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like EPON, B07A, A09A, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ECOG, J03A, E13A, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like WDC, WDC, RLMT, etc.

4d 9h

Table with columns: Call Sign, Name, Frequency, Power, Direction, and other parameters. Includes stations like T05C Eagle Field, D, R09A Tonopah, Q12A Willow Creek R, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Direction, and other parameters. Includes stations like X15A Humboldt, MONP Monument Peak, SWSC Sam W. Stewart, etc.

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Table with columns: Code, Station Name, Frequency, Power, Direction, and other parameters. Includes stations like NIZ Nizh Angarsk, KMO Kumora, YLYR Ulyunskan, etc.

ISCJB 04 09:21:58.0, 4.0, 5.564N-110.16E, h0km, mb3.9/10, Error ellipse: s-maj=16.5km s-min=10.4km az=82.4

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like FINES, HFS, NOA, INK, YKA, NVAR, WRA, ASAR, and MOS.

MOS 04 09:23:18.4±2.7, 5588N:110.15E, h6km, mb3.9/1, Error ellipse: s-maj=28.3km s-min=22.1km az=78.6

BYKL 04 09:23:20.3±0.6, 5570N:110.18E, h23km, mb3.8km, 3C, Lake Baykal region

Main table listing station data with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like NIZ, KMO, YOA, YLYR, SVKR, SYVR, OGRR, MXMB, BOD, NLYR, ARS, BILL, and FINES.

IDC 04 09:31:21.4±0.8, 4697N:155.80E, h0km, mb3.7/10, mb1 3.9/11, mb1 mx3.8/25, mbtmp3.7/11, ML2-8.0, East of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like MJAR, KSR, MKAR, YKA, BVAR, PDAR, and FINES.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WRA, ASAR, TXAR, and MMAL.

ISCJB 04 09:31:27.9±0.3, 5566N:102.21E, h10km, mb3.8/12, Error ellipse: s-maj=3.7km s-min=2.3km az=108.9

IDC 04 09:31:29.0±0.9, 5587N:110.07E, h0km, mb3.9/10, mb1 4.0/12, mb1 mx3.8/26, mbtmp3.8/12, ML3.7/2, Error ellipse: s-maj=24.2km s-min=19.1km az=76.0

MOS 04 09:31:28.3±1.2, 5580N:110.11E, h9km, mb4.0/10, Error ellipse: s-maj=11.6km s-min=7.1km az=72.2

BYKL 04 09:31:29.9±0.3, 5570N:110.19E, h8km, mb3km NEIC 04 09:31:30.3±0.5, 5584N:110.10E, h10km, mb4.0/3, Error ellipse: s-maj=10.5km s-min=8.5km az=113.0

ISC 04 09:31:29.3±0.3, 5570N:102.21E, h10km, n72, r1842/114, mb3.8/12, 7C-1D, Lake Baykal region

Main table listing station data with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like NIZ, KMO, YOA, YLYR, SVKR, SYVR, OGRR, MXMB, BOD, NLYR, ARS, BILL, and FINES.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CIT, FFNB, HRMR, and CRS.

Chita 4.19 150 ePn Pn 09 32 33.7 +0.5

Chita 4.19 150 ePn Pn 09 32 44.6 -5.0

Fofonovo 4.19 210 eSg Sg 09 33 22.7 +0.4

Khuramsha 4.52 207 ePn Pn 09 32 40.8 +3.0

Chara 4.65 72 ePn Pn 09 32 54.3 -4.1

Chara 4.65 72 ePn Pn 09 32 56.1

Irkutsk 4.93 228 eSg Sg 09 33 39.5 -0.9

Listvyanka 4.99 222 eSg Sg 09 33 40.0 -2.0

Talaya 5.60 227 ePn Pn 09 33 08.7 +1.5

Talaya 5.60 227 eSg Sg 09 34 22.8 -6.4

Talaya 5.60 227 ePn Pn 09 32 54.0 +1.3

Tupik 5.75 99 ePn Pn 09 32 55.8 +1.1

Tupik 5.75 99 ePn Pn 09 33 15.9

Arshan 5.96 234 ePn Pn 09 33 17.2

Zakamensk 6.77 221 ePn Pn 09 33 11.3 +2.6

Zakamensk 6.77 221 eSg Sg 09 34 26.6 +0.8

Zakamensk 6.77 221 ePn Pn 09 34 58.5

Mondy 6.80 237 ePn Pn 09 33 11.1 +2.0

Mondy 6.80 237 eSg Sg 09 33 25.4 -1.2

Mondy 6.80 237 ePn Pn 09 33 09.7 +0.6

Ulanbator 8.09 195 ePn Pn 09 33 29.5 +2.7

Songino Array 8.22 198 Pn Pn 09 33 30.3 +1.6

Hailar 8.68 134 i Pn Pn 09 33 35.2 +0.3

Tiksi 17.86 19 i Pn Pn 09 35 36.8 -1.1

Kurchatov 19.46 268 i Pn Pn 09 35 56.9 -0.4

Makanchi Array 19.50 254 eP Pn 09 35 56.9 -0.9

Makanchi Array 19.50 254 eP Pn 09 35 57.2 -0.6

Makanchi Array 19.50 254 eP Pn 09 35 57.8 0.0

Chkalovo 22.76 281 eP Pn 09 36 31.9 +0.2

Chkalovo 22.76 281 eP Pn 09 36 31.9 +0.2

Borovyoye Array 23.13 280 P Pn 09 36 36.3 +0.7

Borovyoye Array 23.13 280 P Pn 09 36 36.3 +0.7

Borovyoye 23.18 280 eP Pn 09 36 37.0 +0.6

Borovyoye 23.18 280 eP Pn 09 36 37.0 +0.6

ARCES ARCESS Array B 37.81 325 P Pn 09 38 45.0 -0.9

ARCES ARCESS Array B 37.81 325 P Pn 09 38 45.0 -0.8

ARCES ARCESS Array B 37.81 325 P Pn 09 38 45.0 -0.9

ARCES ARCESS Array B 37.81 325 P Pn 09 38 45.0 -0.8

ARCES ARCESS Array B 37.81 325 P Pn 09 38 45.0 -0.9

ARCES ARCESS Array B 37.81 325 P Pn 09 38 45.0 -0.8

ARCES ARCESS Array B 37.81 325 P Pn 09 38 45.0 -0.9

ARCES ARCESS Array B 37.81 325 P Pn 09 38 45.0 -0.8

ARCES ARCESS Array B 37.81 325 P Pn 09 38 45.0 -0.9

ARCES ARCESS Array B 37.81 325 P Pn 09 38 45.0 -0.8

ARCES ARCESS Array B 37.81 325 P Pn 09 38 45.0 -0.9

Table with columns for station name, frequency, power, and coordinates. Includes stations like YOYA, YLYR, SVKR, SYVR, OGRR, MXMB, BOD, NLYR, TRG, TRTB, CIT, FFNB, STDB, KAB, HRMR, CRS, BTMB, IRK.

Table with columns for station name, frequency, power, and coordinates. Includes stations like IRK, LSTR, TLY, TUP, ARS, KPC, ZAK, MOY, ULN, NRG, SONM, TNDR, HIA, TDJR, YAK, ZAL, ZAL, TIXI, TIXI, KURK, MK31, MKAR, SONM, CHKZ, CHKZ, BVAR, ARCES, ARCES, FINES, FINES, AKASA, YKA, NVAR, NVAR, WRA, WRA, WRA, KMB0, KMB0, KMB0.

Table with columns for station name, frequency, power, and coordinates. Includes stations like KMB0, ASAR, VNA2, VNA2, VNA3, VNA3, NIED, MOS, ISCJB, NEIC, IDC, JMA, Code, Station Name, Az, Phase ID, Time, Res.

Table with columns: YKA, comp, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Yellowknife Arr, Mina Array Bea, Warramunga Arr, etc.

ISCJB 04 14:13:02.6:1.2, 192S:02:1777W:0.1, h540km, 20km, mb3.2/9, Error ellipse: s-maj=23.9km s-min=16.5km

IDC 04 14:13:03.9:1.5, 1915S:1776W, h544km, 20km, mb2.9/7, mb1 3.2/9, mb1mx3.1/16, mbtmp3.1/9, Error ellipse: s-maj=21.5km s-min=15.8km az=152.0

NEIC 04 14:13:04.1:1.1, 1919S:1776W, h544km, 15km, mb4.1/1, Error ellipse: s-maj=19.1km s-min=13.9km az=154.0

ISC 04 14:13:03.5:1.2, 192S:02:1776W:0.1, h540km, 21km, n18, r1505/20, mb3.5/8, Fiji Islands region

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Afiamaluu, Afiamaluu, Afiamaluu, etc.

IDC 04 14:26:21.6:12.0, 1380N-8932W, h0km, mb3.8/5, mb1 4.1/5, mb1mx3.8/16, mbtmp3.9/5, Error ellipse: s-maj=233.2km s-min=52.5km az=177.0, El Salvador

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Lajitas Array, Mina Array Bea, ULM, etc.

ISCJB 04 15:03:35.7:0.7, 4663N:010:1555E:02, h10km, mb3.7/9, Error ellipse: s-maj=17.7km s-min=12.8km az=64.9

IDC 04 15:03:35.9:0.9, 4655N:15547E, h0km, mb3.6/8, mb1 3.9/8, mb1mx3.7/22, mbtmp3.6/8, Error ellipse: s-maj=28.5km s-min=22.0km az=158.0

NEIC 04 15:03:37.6:0.8, 4669N:15554E, h10km, mb4.4/1, Error ellipse: s-maj=21.3km s-min=16.8km az=133.0

MOS 04 15:03:39.1:1.3, 4657N:15538E, h33km, mb3.9/4, Error ellipse: s-maj=38.5km s-min=25.4km az=106.0

ISC 04 15:03:37.5:0.7, 4674N:010:1555E:02, h10km, n20, r1511/20, mb3.7/9, East of Kuril Islands

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Severo-Kuril's, Petropavlovsk, KRSR, etc.

IDC 04 15:14:26.9:7.1, 1714S:17907W, h0km, mb3.6/2, mb1 3.8/2, mb1mx3.5/14, mbtmp3.6/2, MS3.0/1, Ms1 3.0/1, mb1mx2.7/21, Error ellipse: s-maj=338.2km s-min=54.4km az=145.0, Fiji Islands region

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Charters Tower, Warramunga Arr, etc.

MOS 04 15:23:34.8:0.6, 4823N:15403E, h33km, mb4.0/2, Error ellipse: s-maj=93.0km s-min=50.7km az=72.1

ISCJB 04 15:23:38.2:2.2, 482N:02:1543E:02, h65km, 21km, mb3.4/6, Error ellipse: s-maj=37.8km s-min=10.7km az=98.2

IDC 04 15:23:40.2:5.8, 4818N:15428E, h62km, 54km, mb3.3/6, mb1 3.7/7, mb1mx3.4/23, mbtmp3.5/7, ML2.7/1, Error ellipse: s-maj=41.9km s-min=22.1km az=127.0

ISC 04 15:23:40.6:1.9, 483N:02:1543E:02, h67km, 18km, n11, r1506/12, mb3.4/6, Kuril Islands

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Severo-Kuril's, Yuzh-Sakhalins, ASAJ, etc.

MOS 04 15:33:35.9:2.3, 5567N:11050E, h8km, mb4.0/1, Error ellipse: s-maj=27.0km s-min=15.1km az=69.0

BYKL 04 15:33:36.0:3.0, 5567N:11020E, h2km, 4km, 5C-1D, Lake Baykal region

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Nizh Angarsk, KMO, YLYR, etc.

SVKR Severomyskiy 1.94 75 ePn Pn 15 34 10.9 +0.4

SVKR Severomyskiy 1.94 75 ePn Pn 15 34 11.9 +0.5

SVKR Severomyskiy 1.94 75 ePn Pn 15 34 12.1 -1.7

SVKR Severomyskiy 1.94 75 ePn Pn 15 34 38.0 -1.0

SVKR Severomyskiy 1.94 75 ePn Pn 15 34 11.0 +0.5

SVKR Severomyskiy 1.94 75 ePn Pn 15 34 12.1 -1.7

SVKR Severomyskiy 1.94 75 ePn Pn 15 34 38.0 -1.0

SVKR Severomyskiy 1.94 75 ePn Pn 15 34 11.0 +0.5

SVKR Severomyskiy 1.94 75 ePn Pn 15 34 12.1 -1.7

SVKR Severomyskiy 1.94 75 ePn Pn 15 34 38.0 -1.0

SVKR Severomyskiy 1.94 75 ePn Pn 15 34 11.0 +0.5

SVKR Severomyskiy 1.94 75 ePn Pn 15 34 12.1 -1.7

SVKR Severomyskiy 1.94 75 ePn Pn 15 34 38.0 -1.0

SVKR Severomyskiy 1.94 75 ePn Pn 15 34 11.0 +0.5

SVKR Severomyskiy 1.94 75 ePn Pn 15 34 12.1 -1.7

SVKR Severomyskiy 1.94 75 ePn Pn 15 34 38.0 -1.0

SVKR Severomyskiy 1.94 75 ePn Pn 15 34 11.0 +0.5

SVKR Severomyskiy 1.94 75 ePn Pn 15 34 12.1 -1.7

SVKR Severomyskiy 1.94 75 ePn Pn 15 34 38.0 -1.0

SVKR Severomyskiy 1.94 75 ePn Pn 15 34 11.0 +0.5

SVKR Severomyskiy 1.94 75 ePn Pn 15 34 12.1 -1.7

SVKR Severomyskiy 1.94 75 ePn Pn 15 34 38.0 -1.0

SVKR Severomyskiy 1.94 75 ePn Pn 15 34 11.0 +0.5

SVKR Severomyskiy 1.94 75 ePn Pn 15 34 12.1 -1.7

SVKR Severomyskiy 1.94 75 ePn Pn 15 34 38.0 -1.0

SVKR Severomyskiy 1.94 75 ePn Pn 15 34 11.0 +0.5

SVKR Severomyskiy 1.94 75 ePn Pn 15 34 12.1 -1.7

SVKR Severomyskiy 1.94 75 ePn Pn 15 34 38.0 -1.0

SVKR Severomyskiy 1.94 75 ePn Pn 15 34 11.0 +0.5

CIT Chita 4.16 150 ePn Pg 15 34 50.6 -5.6

CIT Chita 4.16 150 ePn Pg 15 35 44.4 -5.7

CIT Chita 4.16 150 ePn Pg 15 35 44.4 -5.7

FFNB Fotonovo 4.16 211 eSg Sg 15 35 43.5 -6.7

KAB Kabansk 4.19 212 eSg Sg 15 35 45.9 -5.2

KHRM Khuramsha 4.49 207 ePn Pn 15 34 46.3 +0.8

KHRM Khuramsha 4.49 207 ePn Pn 15 34 56.0 -6.5

KHRM Khuramsha 4.49 207 ePn Pn 15 35 41.8

KHRM Khuramsha 4.49 207 ePn Pn 15 35 54.4 -6.2

KHRM Khuramsha 4.49 207 ePn Pn 15 35 54.4 -6.2

KHRM Khuramsha 4.49 207 ePn Pn 15 35 54.4 -6.2

KHRM Khuramsha 4.49 207 ePn Pn 15 35 54.4 -6.2

KHRM Khuramsha 4.49 207 ePn Pn 15 35 54.4 -6.2

KHRM Khuramsha 4.49 207 ePn Pn 15 35 54.4 -6.2

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KHRM Khuramsha 4.49 207 ePn Pn 15 35 54.4 -6.2

KHRM Khuramsha 4.49 207 ePn Pn 15 35 54.4 -6.2

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KHRM Khuramsha 4.49 207 ePn Pn 15 35 54.4 -6.2

KHRM Khuramsha 4.49 207 ePn Pn 15 35 54.4 -6.2

KHRM Khuramsha 4.49 207 ePn Pn 15 35 54.4 -6.2

KHRM Khuramsha 4.49 207 ePn Pn 15 35 54.4 -6.2

KHRM Khuramsha 4.49 207 ePn Pn 15 35 54.4 -6.2

KHRM Khuramsha 4.49 207 ePn Pn 15 35 54.4 -6.2

MOS 04 16:50:08.2-1.0,5570N-110.16E,h10km,mb4.0/1, Error ellipse: s-maj=17.2km s-min=9.7km az=65.8

BYKL 04 16:50:09.4-0.2,5567N-110.18E,h7km,4km,7C, Lake

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, and various station codes like NIZ, KMO, YLYR, YOA, SVKR, OGRR, MXMB, BOD, NLYR, TRG, TRTB, FFNB, CIT, HRMR, CRS.

Table with columns: CRS, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, and various station codes like IRK, LSTR, TLY, TUP, ARS, KPC, ZAK, MOY, ORL, HIA, TDJR.

IDC 04 16:50:56.3-3.5,750N-125.48E,h0km,mb3.6/3,mb1 3.8/3, mb1mx3.8/3,mbtmp3.6/3, Error ellipse: s-maj=340.5km s-min=27.1km az=65.0, Mindanao

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, and various station codes like WRA, ASAR, MKAR.

ISCJB 04 16:51:59.9-0.3,5555N-002.2-110.15E,0.04,h10km, mb3.6/7, Error ellipse: s-maj=4.0km s-min=2.1km az=106.0

IDC 04 16:52:00.7-1.9,5584N-110.18E,h0km,mb3.6/6, mb1 3.8/8,mb1mx3.6/24,mbtmp3.7/8,ML3.8/2, Error ellipse: s-maj=40.5km s-min=22.8km az=109.0

MOS 04 16:52:00.3-1.2,5577N-110.10E,h6km,mb4.1/4, Error ellipse: s-maj=11.2km s-min=6.9km az=64.7

BYKL 04 16:52:02.0-0.2,5568N-110.16E,h6km,4km NEIC 04 16:52:03.3-4.4,5591N-110.11E,h16km,30km,mb3.8/3, Error ellipse: s-maj=13.9km s-min=9.1km az=133.0

ISC 04 16:52:01.5-0.3,5562N-002.2-110.14E,0.03,h10km,n71, 01947/112,mb3.6/7,6C-2D,Lake Baykal region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, and various station codes like NIZ, NLYR, KMO, HRMR, CRS, YLYR, YLYR, YLYR, YLYR.

Table with columns: YLYR, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, and various station codes like Uoyan, Suvo, Severomuysk, Maximikha, Bodaibo, Nelyaty, Tyrgan, Turuntaevo, Fofonovo, Stepnoy Dvoret, Kabansk, Chita, Khuramsha, Chara, Irkutsk, Listvyanka, Talaya, Tupik.

TRTB Turuntaevo 3.70 205 ePn Pn 16 53 01.2 +2.5 16 53 10.0 -2.4 16 53 59.3 -1.1

FFNB Fofonovo 4.09 211 eSg Sg 16 54 10.0 -3.0

STDB Stepnoy Dvoret 4.11 214 eSg Sg 16 54 10.4 -3.1

KAB Kabansk 4.12 211 ePn Pn 16 53 18.8 +4.6 16 54 12.9

CIT Chita 4.13 149 ePn Pn 16 53 05.4 +0.8 16 53 16.0 -4.6 16 54 10.6 -3.5

HRMR Khuramsha 4.42 207 eSg Sg 16 53 57.6 -2.5 16 54 20.1 -3.3

CRS Chara 4.71 71 ePn Pn 16 53 25.3 +1.1 16 54 25.8

CRS Chara 4.71 71 ePn Pn 16 53 14.2 +1.6 16 53 26.0 -5.8 16 54 27.6 -5.2

IRK Irkutsk 4.84 228 eSg Sg 16 54 10.9 +0.4 16 54 33.0 -3.9

LSTR Listvyanka 4.90 222 eSg Sg 16 54 13.3 +1.4 16 54 35.0 -3.8

TYL Talaya 5.52 227 ePn Pn 16 53 25.1 +1.5 16 53 41.7 +0.5 16 54 27.2 0.0 16 54 54.6 -4.0

TUP Tupik 5.77 98 ePn Pn 16 53 27.6 +0.4

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like NIZ Nizh Angarsk, KMO Kumora, YLYR Ulyunkhan, YOA Uoyan, SVKR Severomysk, SYVR Suvo, OGRR Ongureny, MXMB Maximikha, BOD Bodaibo, MOY Mondy, ORL Orlik, NLYR Nelyaty, TRG Tyrgan, TRTB Turuntaevo.

Table with columns: TRTB, Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like FFNB Fotonovo, STDB Stepnoy Dvoret, CIT Chita, KAB Kabansk, HRMR Khuramsha, CRS Chara, IRK Irkutsk, LSTR Listvyanka, TLY Talaya, TUP Tupik, ARS Arshan, KPC Khapcheranga, ZAK Zakamensk, MOY Mondy, ORL Orlik, ULN Ulanbaatar, SONM Songino Array, NRGR Nerungzi, TDJR Tondzha, ZAL Zalesovo, TIXI Tiksi.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like KURK Kurchatov, MK31 Makanchi Array, MKAR Makanchi Array, CHKZ Chkalovo, BVAR Borovoye Array, BRVK Borovoye, FINES FINESS Array B, AKASG Malin Array Be, YKA Yellowknife Ar, FETY Fethiye, ELL Elmali, DALG Dalyan (Mudla), ARG Arg, ANTB Antalya, GOLH Golhisar, YER Yerkesik, BCK Bucak, DAT Datcha, DNZL Cakroluk, DENT Denizli, KARP Karpathos, MLSB Milas, ISP Isparta, BDRM Kayabasi, TKTP Teketepe, KHL Karahalli, HDMB Hadim, SHUT Suhut-Afyon, ZKR Zakros, SMG Samos, KONT Konya-Tatoy, CSS Prodhromos, IZM Izmir, ALT Alintas, IKL Isikli, BLBC Balceva, NPS Neapolis, AKS Akhisar, KIZT Kizilcik, APE Apeiranthos, ESKT Eskisehir, IDI Anoyia, MERS Mersin, IZI Iznik, YLV Yalova, OSMT Osmanlye, KAMT Kaman, BR131 Keskin Array S, HMAT Hatay, BHG Bhanes, HWQ Hawqa, VLI Velial, RCH Rachaya, ENEZ Enez, SLUM Slum, CORM Corum, AMAG Maghara, EDRB Edirne, GLL Jalalah, SUZ Suz, HNKL Nakhli, SWAT Swat, HFRF Wahat Farafira.

ISCJB 04 18:49:59.1±0.4, 4771N±0.05, 15630E±0.09, h10km, mb4.3/33, MS3.6/8, Error ellipse: s-maj=9.0km, s-min=6.4km az=66.8

2006 DEC

Table with columns: ID, 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 Matsuhiro Arr, Yakutsk, Bilibino, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Keskin Array B, Stephens Creek, Conchagua, etc.

Table with columns: URZ, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Urewera, Puketiti, Kokotu, etc.

2006 DEC

4d 23h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like LUCIF, REV, TOUF, ENR, etc.

ISC 04 23:03:02.3e.1.3, 2135Sx17442W, h0km, mb4.3/6, mb1.4/6, mb1mx4.2/17, mbtmp4.4/8, ML3.3/2, MS3.7/2, Ms1.3/72, ms1mx2.8/27, Error ellipse: s-maj=47.1km s-min=21.1km az=133.0

NEIC 04 23:03:04.94.2, 2127Sx17438W, h18km, mb4.5/14, Error ellipse: s-maj=12.3km s-min=7.0km az=136.0

ISCJB 04 23:03:05.07.0.4, 2131Sx009.17451W, h0km, h33km, mb4.4/20, MS3.7/2, Error ellipse: s-maj=14.7km s-min=9.3km az=97.6

ISC 04 23:03:02.4.5.7, 2129Sx009.17439W, h1km, mb3.5km, n53.0/87/38, mb4.4/20, MS3.7/2, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like AFI, DZM, URZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like YSS, NVAR, NVAR, etc.

ISCJB 04 23:09:22.2e.1.0, 2328Sx005.674W, 0.1, h132km, 13km, mb3.8/4, Error ellipse: s-maj=22.4km s-min=8.3km az=172.9

IDC 04 23:09:23.1e.1.8, 2326Sx6728W, h121km, 17km, mb3.6/3, mb1.3/8.5, mb1mx3.5/17, mbtmp3.7/5, Error ellipse: s-maj=30.9km s-min=13.3km az=97.0

NEIC 04 23:09:23.5e.0.9, 2323Sx6741W, h127km, 9km, mb3.8/2, Error ellipse: s-maj=16.1km s-min=8.3km az=85.0

ISC 04 23:09:23.2.0.8, 2330Sx005.675W, 0.1, h124km, 11km, n14, n15/51.5, mb3.9/4, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like LPAZ, ARE, CFSA, etc.

IDC 04 23:11:30.0.3.1, 3356Sx17865W, h0km, mb3.6/2, mb1.3/9.3, mb1mx3.7/13, mbtmp3.7/3, ML3.7/1, Error of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like URZ, ARZ, WRA, etc.

IDC 04 23:18:06.1e.2.9, 639Sx14686E, h0km, mb2.9/1, mb1.3/3/3, mb1.3/3.2/14, mbtmp3.1/3, ML2.9/2, Error ellipse: s-maj=67.4km s-min=33.0km az=84.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like PMG, WRA, TOR, etc.

MOS 04 23:48:58.0.0.8, 698Sx12975E, h59km, mb4.8/13, Error ellipse: s-maj=19.7km s-min=8.8km az=114.9

ISCJB 04 23:48:59.1e.1.8, 700Sx007.12980E, h0km, h65km, 18km, mb4.6/22, Error ellipse: s-maj=15.5km s-min=8.2km az=71.1

IDC 04 23:49:01.3e.3.9, 698Sx12978E, h68km, 37km, mb4.3/5, mb1.4/5.9, mb1mx4.2/17, mbtmp4.4/9, ML4.5/4, Error ellipse: s-maj=35.5km s-min=18.3km az=55.0

NEIC 04 23:49:01.4e.1.1, 702Sx12984E, h71km, 11km, mb4.6/15, Error ellipse: s-maj=9.9km s-min=6.1km az=56.0

ISC 04 23:49:01.7e.1.4, 701Sx007.12985E, h0km, h73km, 14km, n63.0/81/70, mb4.6/22, 1D, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like KAKA, FITZ, WRA, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like ASAR, PMG, PMG, etc.

NEIC 04 23:55:57.3, 3728Sx17758E, h128km, MG3.7(WEL), After WEL

WEL 04 23:55:57.4e.0.3, 3729Sx17759E, h127km, 3km, ML3.6/8, 1D, Error ellipse: s-maj=4.0km s-min=3.3km 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 MXZ, URZ, WRA, etc.

STR 04 23:58:34.0e.0.0, 4299Nx005E, h5km, 1km, ML1.7, Error

ellipse: s-maj=0.0km s-min=0.0km az=1.0
LDG 04 23:58:34.0.0.1, 4301N-001W, h3km, Md1.9/2, M11.9/5,
Error ellipse: s-maj=1.7km s-min=1.0km az=162.0

MDD 04 23:58:34.4.0.3, 4301N-001W, h0km, mbLg1.2/6, Error
ellipse: s-maj=2.1km s-min=1.9km az=118.0, PRXIMO,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LABF Labassere, VIEF Vief, ESPARROS, etc.

MOS 05 00:11:38.0.1.7, 4243N-4763E, h8km, mb3.8/1, 1C, Error
ellipse: s-maj=11.4km s-min=7.2km az=111.3, Eastern

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SGKR Sergokala, URKR Urkarakh, MANSR Manas, etc.

ISCJB 05 00:12:05.8.0.9, 3920N-003.2590E, 0.06, h7km, 6km,
Error ellipse: s-maj=7.3km s-min=5.2km az=164.6

NEIC 05 00:12:05.8, 3916N-2593E, h21km, MD3.2(ISK),
MD3.4(ATH), After ATH.

ATH 05 00:12:05.8, 3916N-2593E, h21km, 1km, MD3.4/3
ISK 05 00:12:06.4, 3923N-2600E, h10km, MD3.1

CSEM 05 00:12:06.0.0.1, 3922N-2591E, h12km, MD3.1, Error
ellipse: s-maj=2.8km s-min=1.7km az=84.0

ISC 05 00:12:06.4.0.9, 3920N-003.2589E, 0.06, h11km, 5km, n23,
c=659/31, Aegean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PRK Paraskievi, AYVA Ayvalik, BOZC Bozcaada, etc.

Table with columns: IZM Izmir, AKS Akhisar, ENEZ Enez, RKY Sarkoy-Tekirda, SART Sarkoy-Tekirda, etc.

IDC 05 00:13:50.3.1.0, 5432N-15992E, h0km, mb3.6/6,
s-maj=4.0, mb1mx3.6/23, mbtmp3.6/6, Error ellipse:
s-maj=43.6km s-min=23.6km az=156.0

ISCJB 05 00:14:01.9.0.4, 5427N-003.16056E, 0.10, h93km, 5km,
mb3.5/6, Error ellipse: s-maj=10.0km s-min=3.3km
az=38.9

KRSC 05 00:14:01.9.0.9, 5431N-16041E, h71km, 70km, ML4.0
MOS 05 00:14:10.7.0.5, 5466N-15966E, h193km, mb4.1/1, Error
ellipse: s-maj=99.9km s-min=38.9km az=69.9

ISC 05 00:14:02.8.0.4, 5428N-003.16054E, 0.10, h88km, 5km,
n32, c=657/49, mb3.5/6, Near east coast of Kamchatka

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MYZ Mys Kozlova, TUMROK, SPN Nlys Shipunski, etc.

IDC 05 00:18:37.0.2.8, 860S-11111E, h0km, mb3.7/5, mb1 3.8/5,
mb1mx3.7/17, mbtmp3.7/5, Error ellipse:
s-maj=138.3km s-min=21.0km az=51.0, Jawa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, SONMI Sogingo Array, etc.

IDC 05 00:34:27.4.3.2, 968S-11255E, h0km, mb3.2/3, mb1 3.4/3,
s-maj=173.1km s-min=27.9km az=46.0, South of Jawa

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

UPP 05 00:36:09.8, 6783N-2021E, h0km, ML2.8, Mining
explosion.

CSEM 05 00:36:09.8, 6783N-2021E, h0km, ML2.8, Mining
explosion. After UPP

HEL 05 00:36:10.5.0.1, 6784N-2017E, h0km, ML1.7, ML2.8(UPP),
Explosion, Sweden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KUA Kurravaara, NIKU Nikkaloukka, LANU Lannavaara, etc.

Table with columns: BURU Burvik, SVAU Svanoeiden, OUL Oulu, OUL Oulu. Includes Az, Phase ID, Time, Res, ISC.

CSEM 05 00:37:46.1, 6783N-2020E, h0km, ML3.1, Mining
explosion. After UPP

UPP 05 00:37:46.1, 6783N-2020E, h0km, ML3.1, Mining
explosion.

HEL 05 00:37:46.9.0.1, 6784N-2017E, h0km, ML1.7, ML3.1(UPP),
Explosion, Sweden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KUA Kurravaara, NIKU Nikkaloukka, LANU Lannavaara, etc.

IDC 05 00:50:08.2.3.9, 3462N-2534E, h22km, 28km, mb3.4/3,
mb1 3.2/6, mb1mx3.2/21, mbtmp3.2/6, ML3.4/3, Error
ellipse: s-maj=25.0km s-min=18.4km az=143.0

CSEM 05 00:50:09.0.0.4, 3456N-2530E, h40km, MD3.6, Error
ellipse: s-maj=9.5km s-min=3.4km az=176.0

ISCJB 05 00:50:09.0.0.9, 3472N-006.2532E, 0.04, h29km, 5km,
mb3.5/3, Error ellipse: s-maj=10.1km s-min=5.3km
az=176.4

ATH 05 00:50:10.0.0.4, 3474N-2523E, h37km, 5km, MD3.6/6
NEIC 05 00:50:11.2, 3475N-2527E, h14km, MD3.6(ATH),
ML3.1(TH), After THE.

THE 05 00:50:11.2, 3475N-2527E, h13km, h13km
ISC 05 00:50:10.0.0.8, 3472N-005-2531E, 0.03, h25km, 5km, n37,
c=114/53, mb3.5/3, Crete

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like XRY Xhrisi, SIVA Sivas, NPS Neapolis, etc.

NEIC 05 00:59:08.5, 3763N-2086E, h6km, MD3.6(ATH), After
ATH.

CSEM 05 00:59:08.5, 3763N-2086E, h6km, MD3.6/5, After ATH
ATH 05 00:59:08.5, 3763N-2086E, h6km, 2km, MD3.6, 1C,
Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like VLS Valsamata, RLS Riolos of Patr, ITH Ithomi, etc.

ISCJB 05 01:22:20.4.0.6, 4757N-003.756E, 0.04, h5km, Error
ellipse: s-maj=4.9km s-min=3.8km az=71.7

STR 05 01:22:20.9.0.3, 4758N-75E, h5km, 1km, M11.7, Error
ellipse: s-maj=0.0km s-min=0.0km az=1.0

ZUR 05 01:22:21.0.0.4, 4759N-76E, h5km, 1km, ML1.2
LDG 05 01:22:21.0.0.3, 4758N-75E, h2km, Md2.0/2, M2.0/3,
Error ellipse: s-maj=6.7km s-min=3.2km az=102.0

ISC 05 01:22:20.5.1.3, 4757N-003.758E, 0.05, h16km, 19km, n10,
c=833/17, 2C-1D, Switzerland

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Bourr Bourrign, SULZ Sulz-Cheisache, etc.

IDC 05 01:23:19.9-2.7, 2322N-14329E, h0km, mb3.7/5, mb1 4.0/5, mb1mx3.8/19, mbtmp3.7/5, MS3.2/Ms1 3.5/2, ms1mx2.6/30, Error ellipse: s-maj=95.3km s-min=31.5km az=19.0

ISCJB 05 01:23:22.5-0.6, 2315N-008.1432E.01, h35km, mb4.0/12, MS4.2/1, Error ellipse: s-maj=16.4km s-min=11.2km az=143.6

NEIC 05 01:23:24.7-0.5, 2322N-14321E, h35km, mb4.3/7, Error ellipse: s-maj=13.9km s-min=9.6km az=68.0

ISC 05 01:23:24.7-0.6, 2322N-008.1432E.01, h35km, n25, r090/22, mb4.0/12, MS4.2/1, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like GUMO Guam, JOW Nungami, NACB Ningsanchiao, etc.

IDC 05 01:25:47.0-7.7, 3099S-13004E, h0km, mb4.2/10, mb1 4.4/13, mb1mx4.3/20, mbtmp4.3/13, ML3.9/3, MS3.6/7, Ms1 3.6/7, ms1mx3.3/28, Error ellipse: s-maj=31.4km s-min=12.7km az=69.0

ISCJB 05 01:25:50.4-0.4, 312S-005:13008E.009, h33km, mb4.3/18, MS3.6/6, Error ellipse: s-maj=14.2km s-min=5.6km az=137.8

BUI 05 01:25:51.4, 268S-13046E, h35km, mb4.8, mb4.3 NEIC 05 01:25:52.0-3.1, 313S-13009E, h35km, mb4.4/13, Error ellipse: s-maj=12.7km s-min=5.6km az=64.0

ISC 05 01:25:44.3-1.3, 311S-005:13010E.009, h12km, n19km, n45, r180/143, mb3.3/18, MS3.6/6, Seram

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like KAKA Kakadu, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like KURK Kurchatov, TIXI Tiksi, BRVK Borovoye, etc.

ISCJB 05 01:26:40.1-1.8, 1075N-006.872W.02, h50km, mb2.1km, mb4.0/16, Error ellipse: s-maj=25.7km s-min=10.4km az=164.4

CASC 05 01:26:43.3-2.7, 1085N-8678W, h7km, n19km, MD4.0, ML3.1, mb4.1(NEIC)

IDC 05 01:26:50.8-3.6, 1233N-8810W, h0km, mb3.8/7, mb1 4.1/8, mb1 2x3.9/18, mbtmp3.8/10, ML3.1/1, MS3.2/2, Ms1 3.2/2, ms1mx2.6/26, Error ellipse: s-maj=75.7km s-min=44.5km az=8.0

NEIC 05 01:26:56.2-0.6, 1240N-8800W, h35km, mb4.1/10, Error ellipse: s-maj=15.3km s-min=7.8km az=53.0

ISC 05 01:26:41.3-1.9, 1076N-006.872W.02, h43km, n24km, n43, r19/133, mb4.0/16, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like CONN Concepcion, MOMJ Momotombo, etc.

NIED 05 01:27:00, 4250N-14501E, h32km, Mw3.8 Best double couple: M4.83000-1014 NP1.256 00000: 873.00000, lambda-95.00000, NP2.94.00000, delta18.00000, lambda-73.00000

ISCJB 05 01:27:27.6-0.7, 4245N-004.1450E.005, h43km, mb3.8/8, Error ellipse: s-maj=8.3km s-min=5.3km az=95.2

MOS 05 01:27:28.3-1.2, 4239N-145.10E, h54km, mb4.4/4, Error ellipse: s-maj=12.7km s-min=8.3km az=90.5

JMA 05 01:27:28.9, 4253N-145.00E, h45km, mb3.8, Error ellipse: s-maj=12.7km s-min=8.3km az=90.5

IDC 05 01:27:30.9-3.2, 4244N-145.01E, h56km, mb3.4/6, mb1 3.6/8, mb1mx3.4/24, mbtmp3.4/8, ML3.8/2, MS3.0/1, MS3.0/1, ms1mx1.9/18, Error ellipse: s-maj=26.6km s-min=18.4km az=83.0

NEIC 05 01:27:30.7-0.8, 4239N-145.05E, h56km, mb4.3/2, Error ellipse: s-maj=9.6km s-min=6.2km az=110.0

ISC 05 01:27:29.2-0.7, 4251N-004.14507E.006, h40km, n7km, n42, r108/54, mb3.8/8, 1D, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like JAK Akkeshi, NEM2 Nemuro 2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like YUK comp=N,220nm,0.5s, YUK comp=N,400nm,0.5s, etc.

IDC 05 02:01:30.9-5.4, 4728N-15295E, h0km, mb3.4/3, mb1 3.9/3, mb1mx3.4/21, mbtmp3.4/3, Error ellipse: s-maj=147.5km s-min=45.2km az=17.0, Kuril Islands

ISCJB 05 02:01:56.3-1.1, 34S-01x1306E.03, h35km, mb3.6/3, Error ellipse: s-maj=47.8km s-min=13.7km az=153.7

NEIC 05 02:01:58.5-0.9, 339S-1306E, h35km, mb3.5/1, Error ellipse: s-maj=11.6km s-min=12.0km az=77.0

ISC 05 02:01:58.8-1.1, 34S-01x1306E.03, h35km, n8, r06/78, mb3.6/3, Seram

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

NIED 05 02:09:00, 2700N-126.60E, h14km, Mw3.7 Best double couple: M3.48000-1014 NP1.94 00000: 889.00000, lambda177.00000, NP2.983.00000, delta7.00000, lambda1.00000

JMA 05 02:09:27.0, 3, 2705N, 12660E, h4km, 4km, M3.6, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include JAGN Aguni-jima, JAGN Kume jima 2, JKE Iheya, JIH Naha, NAH1 Naha, NAH1 Tamagusuku 2, JHT2 Kunigami, JOW Kunigami.

MOS 05 02:10:09.3, 0.9, 2171N, 14298E, h289km, mb4, 7/23, Error ellipse: s-maj=13.6km s-min=6.0km az=106.7

ISCJB 05 02:10:10.3, 0.6, 2168N, 14299E, 0.03, h297km, 5km, mb4, 5/72, Error ellipse: s-maj=5.7km s-min=5.0km az=29.6

BUJ 05 02:10:10.2, 2.183N, 14297E, h292km, mb4, 7, mb4.5, IDC 05 02:10:11.7, 1.2, 2164N, 14299E, h301km, 11km, mb4, 0/21, mb1 4, 1/26, mb1mx4, 1/30, mbtmp4, 1/26, Error ellipse: s-maj=13.2km s-min=7.0km az=88.0

NEIC 05 02:10:12.4, 0.9, 2165N, 14298E, h307km, 9km, mb4, 5/23, Error ellipse: s-maj=7.4km s-min=5.5km az=74.0

ISC 05 02:10:11.5, 0.6, 2172N, 14300E, 0.03, h295km, 5km, h300km, 11, 3km: p-P, n16, e8, s1, 3/25, mb4, 5/72, 80C-60D, Mariana Islands region

Main table for station data on the left side, including stations like JHHJ Haha-jima-NKT, CBIJ Chichi jima, GUMO Guam, JHJ2 Mitsune, JHJ Hachioji jima, JHJ Ryogami san, MAJO Matushiro, MAJO Matushiro, MAT Matushiro, JNS Shimokoshiki, JNU Nakitsyo, JHS Sailyo, JMK Ichinoseki, JMT Tushima, JOT Ohata, JER Erimo, ERM Erimo, KRSR Korea Arry, JTKR Abashiri-Toko, SNY Shenyang, HBR Khabarovsk, KLR Kuldur, ENH Enshi, XAN Xi'an, HHC Hu-ho-hao-te, HIA Hailar, GYA Guiyang, CD2 Chengdu, LZH Lanzhou, KMI Kunming, UNL Ulanbaatar, SONM Sogino Array, GTA Gaotai, CTA Charters Tower, ZAK Zakamensk, WRAB Tennant Creek, WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

Main table for station data in the middle, including stations like WRA Warramunga Arr, WRA Warramunga Arr, FITZ Fitzroy Crossi, ASAR Alice Springs, LSA Lhasa, BILL Bilibino, WMQ Urumqi, WMQ Wollman Farm, WRA Warramunga Arr, JIRN Jiri, GUN Gumba, PKI Pulchoki, KKN Kakan, DMN Daman, GKN Gorkha, STKA Stephens Creek, STKA Stephens Creek, KOLN Koldanda, ZAL Zalesovo, ZAL Zalesovo, FORT Forrest, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, NKS Novosibirsk, KURK Kurchatov, KURK Kurchatov, KURK Kurchatov, KADK Kodiak Island, IMA2 Indian Moutai, PMR Palmer, PMR Palmer, SML Sawmill, MCK McKinley, CHKZ Chkalovo, CHKZ Chkalovo, BVA0 Borovoye Array, BVA0 Borovoye Array, BRVK Borovoye, KK31 Karatay Array, KK31 Karatay Array, KKAR Karatay Array, INK Inuvik, INK Inuvik, ARU Arti, ARU Aktubinsk, YKW3 Yellowknife Ar, YKA Yellowknife Ar, C04A Grinnon, RES Resolute Bay, B05A Bryant, K01A Sixes, I02A Mapleton, F04A Amboy, J02A Umpqua, I03A Eugene, K02A Glendale, A07A Ashnola River, L02A Cave Junction, KEV Kevo, KEV Kevo, H04A Detroit Lake, B07A Winthrop, I04A Tendick Farm, HUMO Hull Mountain, HUMO Hull Mountain, C07A Waterville, G05A Wamic, A08A Turner Farm, N02C Big Bar, ARCS ARCS Array B, J04A Umpqua Nationa, F06A Goldendale.

Main table for station data on the right side, including stations like YBH Yreka Blue Hor, YBH Yreka Blue Hor, M02C Callahan, B08A Colville Reser, G06A Carlson Farm, A09A Danielle, E07A Sunzys, K04A Conduin, C08A Higginbotham F, L04A Klamath Falls, O02C Red Bluff, WDC Whiskeytown Da, J05A Fort Rock, M03C McCloud, M04C Macleod, H06A Lindquist Farm, GASB Alder Springs, D08A Wollman Farm, B09A Rice, G07A Ruggs Ranch, H, C09A Chrisman Ranch, K05A Summer Lake, I06A Prineville, D09A Jonsson Farm, Ri, MNRC McLaughlin Nat, H07A Lands Inn, Kim, HATC Hat Creek Radi, L05A Lakeview, M05C Lookout, VRHR Novokhopersk, VRHR Novokhopersk, J0F Joensuu, CVS Carmentius Valley, G08A Pilot Rock, K06A Valley Falls, I07A Ize, E09A Wood Farm, Sta, ORV Oroville, O04C Chertsey, MOD Modoc, A11A Hall Mountain, M06C Likely Place G, ELFS Eagle Lake Fie, D10A Wagner Farm, O, J07A Hines, H08A Prairie City, K07A Rock Creek Ran, I08A Drewsey, E10A Myers Farm, Un, L07A Adell, P05C Yuba Gap, Truc, J08A Circle Bar Ran, N06A Buffalo Meadow, D11A Klaviano Farm, LAVA Lava Cap Winer, OBN Obninsk, OBN Obninsk, S04C Ingram Canyon, O06A Flanigan, K08A Mann Creek Ran, BMO Blue Mountains, BMO Blue Mountains, M07A Soldier Meadow, I09A Lost Marbles R, PACP Pacheco Peak, VRSR Storzoveyve, VRSR Storzoveyve, VRSR UC Hastings Re, E11A Boomer Ranch, J09A Fry Pan Ranch, L08A Fields, CMB Columbia Cole, CMB Columbia Cole, N07B Gerlach, ZEI Tsey, V03C Hunter Liggett, H10A Noah's Angus R, K09A Rome, C13A Hot Springs, U04C Hernandez Rese.

5d 2h

Table with columns: OOT7A, Toulon, 82.20, 50, P, P, 02 21 59.7 -0.2, etc. Lists various stations and their associated data.

2006 DEC

Table with columns: KIEV, Kiev, 87.40, 324, eP, P, 02 22 23.6 -2.1, etc. Lists various stations and their associated data.

150

Table with columns: AKASG, Main Array Be, 71.10, 326, P, P, 02 42 48.9 0.0, etc. Lists various stations and their associated data.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Antumapu, Santa Lucia, Talca, Colegio Aleman, Cerro Calan, Peldehue, Las Melosas, Las Melosas, Farellones, Petorca, Petorca.

IDC 05 06:16:45.9-1.0, 014N-12683E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.6/16, mbtmp3.7/4, Error ellipse: s-maj=162.3km s-min=24.9km az=65.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Warramunga Arr, Alice Springs, Stephens Creek, Makanchi Array.

BUI 05 06:19:41.7, 726S-15562E, h71km, mb5.0, mb4.5, Ms4.4, Msz4.1
ISCJB 05 06:19:44.5-1.8, 672S-008-15518E, h64km, mb16km, mb4.4/22, Error ellipse: s-maj=14.2km s-min=9.2km az=167.1

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Honiara, Port Moresby, Port Moresby, Charters Tower, Charters Tower, Mont Dumac, Mont Dumac, Guam, Kakadu, WRAB, WB2, Warramunga Arr, Warramunga Arr, WRA, ASAR, ASAR, STKA, STKA, FITZ, FITZ, FITZ, FITZ, FOR, FOR, URZ, URZ, KKM, KKM, NWAO, NWAO, KSRs, KSRs, PPT, PPT, PPT, PPT, TBI, TBI, NANT, NANT, CHG, CHG, CHTO, CHTO, TAOE, TAOE, GTA, GTA, RKT, RKT, RKT, RKT, SONM, SONM, BILL, BILL.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Warramunga Arr, Alice Springs, Stephens Creek, Makanchi Array, BUI, ISCJB, HNR, HNR, PMG, PMG, PMG, PMG, CTA, CTA, DZM, DZM, DZM, DZM, GUMO, KAKA, WRAB, WB2, Warramunga Arr, Warramunga Arr, WRA, ASAR, ASAR, STKA, STKA, FITZ, FITZ, FITZ, FITZ, FOR, FOR, URZ, URZ, KKM, KKM, NWAO, NWAO, KSRs, KSRs, PPT, PPT, PPT, PPT, TBI, TBI, NANT, NANT, CHG, CHG, CHTO, CHTO, TAOE, TAOE, GTA, GTA, RKT, RKT, RKT, RKT, SONM, SONM, BILL, BILL.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Urumqi, Indian Mountai, MCK, COLA, QSPA, MKAR, ZAL, MAW, NVAR, YKA, PDAR, LPAZ, TOAO, TOAO, TORD, TORD.

ISC/JB 05 06:20:05.9-0.3, 4259N-002-109E, h0.02, h3km, 6km, Error ellipse: s-maj=3.1km s-min=2.4km az=53.1
STR 05 06:20:06.9-0.2, 4258N-1.11E, h5km, 1km, M11.9, Error ellipse: s-maj=10.0km s-min=0.0km az=1.0

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Salau, Salau, Sort, Andorre, Moulis, Moulis, Melles, Melles, Organya, Organya, GRBF, RESF, RESF, CLLI, CLLI, VALF, VALF, VALF, EBIE, EBIE, EBIE, EPF, EPF, EPF, EMIR, EMIR, EMIR, EMIR, CAVN, CAVN, CARF, CARF, CARF, VIEF, CBRU, CBRU, MTLF, MTLF, EPOB, EPOB, ETSF, ETSF, ETSF, ETSF, CFON, CFON, SJAF, EJON, EJON, EJON, ESAC, ESAC, ERTA, ERTA, ERTA, SJPF, SJPF, IUSE, ELIZ.

ISC 05 06:20:06.0-0.3, 4259N-002-110E, h9km, 5km, n59, c075/94, Pyrenees

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Salau, Sort, Andorre, Moulis, Melles, Organya, GRBF, RESF, CLLI, VALF, EBIE, EPF, EMIR, CAVN, CARF, VIEF, MTLF, EPOB, ETSF, CFON, SJAF, EJON, ESAC, ERTA, SJPF, IUSE, ELIZ.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ELIZ, EALK, LFF, LFF, LFF, CAF, CAF, CAF, LASF, LASF, LASF, LASF, LASF, EMOS, EMOS, EMOS, EMOS, EMOS, RJF, RJF, RJF, RJF, ETOR, ETOR, VIVF, VIVF, VIVF.

FUNV 05 06:20:17.2, 1212N-7006W, h11km, MW3.5, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like IMOV, DABV, Siquisque, Jacura, Quebrada Arrib, Cururiga, Cururiga, Terepaina, Sanarito, Villa del Rosa, El Vieja.

IDC 05 06:32:03.2-0.8, 4684N-15527E, h0km, mb4.0/13, mb1 4.2/13, mb1mx4.0/23, mbtmp4.0/13, MS3.3/2, Ms1 3.3/2, ms1mx2.7/36, Error ellipse: s-maj=21.3km s-min=19.7km az=92.0

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Severo-Kuril's, Petropavlovsk, Asahikawa, Yakutsk, Bilbino, Tiksi, Songino Array, Borovoye Array, Borovoye Array, Borovoye Array, Ala-Archa, Arti, Kurchatov, Yellowknife Arr, Borovoye Array, Borovoye Array, Borovoye Array, Ala-Archa, Arti, Warramunga Arr, Warramunga Arr.

MNRC	McLaughlin Nat	83.20	45	UP	P	08 50 50.0 +0.6
SCI	San Clemente I	83.20	52	UP	P	08 50 50.1 +0.8
PTRM	Twisselman Ran	83.20	49	EP	P	08 50 49.5 +0.2
S04C	Ingram Canyon,	83.29	47	UP	P	08 50 50.2 +0.3
KHMM	Horse Mountain	83.35	43	EP	P	08 50 50.8 +0.7
Q03C	Winters	83.37	46	UP	P	08 50 51.0 +0.8
GASB	Alder Springs	83.40	45	UP	P	08 50 51.2 +0.8
T05C	Eagle Field, D	83.46	48	UP	P	08 50 51.4 +0.7
CIS	Catalina Islan	83.50	52	UP	P	08 50 51.9 +1.0
V05C	Boulder Hill,	83.52	49	UP	P	08 50 51.8 +0.8
M01C	Crescent City	83.60	42	UP	P	08 50 51.7 +0.3
N02C	Big Bar	83.60	43	UP	P	08 50 51.6 +0.1
O02C	Red Bluff	83.61	44	UP	P	08 50 52.0 +0.5
SUTB	Sutter Butte	83.82	45	UP	P	08 50 52.1 -0.4
S05C	Merced	83.91	48	UP	P	08 50 52.7 -0.3
ARVC	Arvin	83.96	50	UP	P	08 50 53.2 0.0
WDC	Whiskeytown Da	83.98	44	EP	P	08 50 53.6 +0.2
WDC	Whiskeytown Da	83.98	44	EP	P	08 50 53.6 +0.2
WDC	Whiskeytown Da	83.98	44	EP	P	08 50 53.6 +0.2
SLKM	Skilak Lake	84.04	18	EP	P	08 50 52.5 -1.1
OHCN	Honcut	84.07	45	EP	P	08 50 53.0 -0.3
L02A	Cave Junction	84.09	42	UP	P	08 50 53.9 0.0
YES	Vestal, Richgr	84.10	49	P	P	08 50 53.5 -0.5
MVC	Mount Wilson	84.12	51	EP	P	08 50 54.4 +0.3
ORV	Oroville	84.17	45	UP	P	08 50 54.0 -0.4
M02C	Callahan	84.18	43	P	P	08 50 54.9 +0.5
T06C	Millerton Lake	84.19	48	UP	P	08 50 54.3 -0.2
CMB	Columbia Colle	84.20	47	EP	P	08 50 54.2 -0.3
CMB	Columbia Colle	84.20	47	EP	P	08 50 54.2 -0.3
CMB	Columbia Colle	84.20	47	EP	P	08 50 54.2 -0.3
RCTC	Rector, Farmer	84.20	49	UP	P	08 50 53.9 -0.5
109C	Camp Elliot, M	84.25	53	UP	P	08 50 54.6 -0.1
LAVA	Lava Cap Winer	84.30	46	UP	P	08 50 54.9 -0.1
LZH	Lanzhou	84.39	311	AP	P	08 51 00.0 -1.3
LZH	Lanzhou	84.39	311	AP	P	08 51 00.0 -1.3
LZH	Lanzhou	84.39	311	AP	P	08 51 00.0 -1.3
LZH	Lanzhou	84.39	311	AP	P	08 51 00.0 -1.3
LZH	Lanzhou	84.39	311	AP	P	08 51 00.0 -1.3
BFSC	Mount Baldy St	84.42	51	P	P	08 50 55.4 -0.2
YBH	Yreka Blue Hor	84.45	43	EP	P	08 50 56.0 +0.3
YBH	Yreka Blue Hor	84.45	43	EP	P	08 50 56.0 +0.3
YBH	Yreka Blue Hor	84.45	43	EP	P	08 50 56.0 +0.3
YBH	Yreka Blue Hor	84.45	43	EP	P	08 50 56.0 +0.3
ISA	Isabella	84.46	50	EP	P	08 50 56.0 +0.2
ISA	Isabella	84.46	50	EP	P	08 50 56.0 +0.2
EDW2	Edwards Air Fo	84.46	51	UP	P	08 50 55.7 -0.1
K02A	Glendale	84.47	42	UP	P	08 50 55.8 -0.1
BAR	Barrett	84.48	53	EP	P	08 50 55.9 0.0
MURC	Murrieta	84.48	52	UP	P	08 50 55.7 -0.2
S06C	San Francisco	84.50	47	UP	P	08 50 55.9 -0.1
HELL	Mitchell Peak,	84.53	49	P	P	08 50 55.9 -0.2
M03C	McCloud	84.60	43	UP	P	08 50 56.6 +0.1
KCC	Kaiser Creek	84.61	48	UP	P	08 50 56.5 -0.1
P05C	Yuba Gap, Truc	84.65	46	UP	P	08 50 57.1 +0.3
J02A	Umpqua	84.73	41	P	P	08 50 57.3 +0.1
R05C	Kirkwood Meado	84.73	47	UP	P	08 50 57.3 +0.2
HUMO	Hull Mountain	84.73	42	EP	P	08 50 57.5 +0.3
HUMO	Hull Mountain	84.73	42	EP	P	08 50 57.6 +0.4
O05C	Quino	84.76	45	UP	P	08 50 57.3 0.0
MONP	Monument Peak	84.77	53	UP	P	08 50 57.6 +0.3
HATC	Hat Creek Radi	84.81	44	UP	P	08 50 57.6 0.0
O04C	Chester	84.82	45	UP	P	08 50 57.6 0.0
I02A	Mapleton	84.90	40	UP	P	08 50 58.1 +0.1
DVTC	Desert V Tower	84.91	53	UP	P	08 50 58.4 +0.3
LRMC	Laurel Mountai	84.95	50	UP	P	08 50 58.5 +0.2
BBOR	Big Bear Sol-O	84.98	52	UP	P	08 50 58.4 0.0
BUOR	Burton Butte	85.02	43	P	P	08 50 59.1 +0.5
M04C	Macdoel	85.04	43	P	P	08 50 59.0 +0.3
BBOR	Butler Butte	85.05	42	P	P	08 50 59.0 +0.2
PFO	Pinyon Flat Ob	85.05	52	P	P	08 50 59.3 +0.6
PFO	Pinyon Flat Ob	85.05	52	P	P	08 50 59.3 +0.6
PFO	Pinyon Flat Ob	85.05	52	P	P	08 50 59.3 +0.6
R06C	Coleville	85.08	47	P	P	08 50 59.2 +0.4
WAKR	Walker	85.08	47	EP	P	08 50 59.2 +0.3
CWC	Cottonwood Cre	85.10	49	UP	P	08 50 59.2 +0.2
MLAC	Mammoth Lakes	85.10	48	UP	P	08 50 59.6 +0.6
H02A	Toledo	85.15	40	UP	P	08 51 00.3 +1.0
R07C	Lee Vining	85.16	47	UP	P	08 50 59.7 +0.4
MTUM	Tungsten Hills	85.16	48	EP	P	08 51 00.0 +0.7
L04A	Klamath Falls	85.20	43	P	P	08 50 59.6 +0.2
ELFS	Eagle Lake Fie	85.20	45	UP	P	08 50 59.6 +0.1
I03A	Eugene	85.23	41	UP	P	08 50 59.6 0.0
PMR	Palmer	85.23	17	EP	P	08 50 58.6 -1.0
PMR	Palmer	85.23	17	EP	P	08 50 58.6 -1.0
PMR	Palmer	85.23	17	EP	P	08 50 58.6 -1.0
WCN	Washoe City	85.23	46	UP	P	08 50 59.8 +0.2
SWSC	Sam W. Stewart	85.26	53	UP	P	08 50 60.0 +0.2
M05C	Lookout	85.28	44	UP	P	08 51 00.0 +0.1
P06A	Stead Airport,	85.31	46	UP	P	08 51 00.3 +0.3
MPOR	Mary's Peak	85.33	40	P	P	08 51 00.5 +0.4
HOG	Hogback Mounta	85.35	43	P	P	08 51 00.8 +0.5

MPMC	Manual Prospec	85.35	50	UP	P	08 51 00.4 +0.2
DAC	Darwin (Calif)	85.37	50	EP	P	08 51 00.7 +0.3
DAC	Darwin (Calif)	85.37	50	EP	P	08 51 00.7 +0.3
S08C	White Mtn Res	85.51	48	UP	P	08 51 00.7 +0.4
K04A	Flanigan	85.52	42	UP	P	08 51 01.1 0.0
GSC	Goldstone	85.52	51	EP	P	08 51 01.6 +0.5
GSC	Goldstone	85.52	51	EP	P	08 51 01.6 +0.5
BELC	Belle Mtn.	85.56	52	P	P	08 51 01.6 +0.3
J04A	Umpqua Nationa	85.59	42	UP	P	08 51 01.7 +0.3
O06A	Likely Place G	85.59	45	UP	P	08 51 01.6 +0.1
M06C	Likely Place G	85.59	45	UP	P	08 51 01.6 +0.1
HEC	Hector Ludlow	85.67	51	P	P	08 51 01.8 0.0
I04A	Tendick Farm,	85.67	41	UP	P	08 51 01.3 -0.6
HBO	Huckleberry Mo	85.76	41	UP	P	08 51 02.5 +0.2
L05A	Lakeview	85.82	43	UP	P	08 51 02.9 +0.4
BC3	Big Chuck Mtn	85.82	53	P	P	08 51 03.1 +0.5
NVAR	Mina Arroya Be	85.84	47	P	P	08 51 02.6 -0.1
GRAC	Grapevine Rang	85.86	49	UP	P	08 51 03.0 +0.3
N06A	Buffalo Meadow	85.86	45	UP	P	08 51 02.7 -0.1
G03A	Yamhill	85.91	40	UP	P	08 51 03.1 +0.1
P07A	Fallon	85.94	46	UP	P	08 51 03.6 +0.5
FURC	Furnace Creek,	85.99	50	UP	P	08 51 03.7 +0.1
GLA	Glamis	86.05	53	EP	P	08 51 04.7 +1.0
GLA	Glamis	86.05	53	EP	P	08 51 04.3 +0.5
F03A	Seaside	86.06	39	UP	P	08 51 03.4 -0.3
MOD	Modoc	86.10	44	EP	P	08 51 03.9 -0.1
MOD	Modoc	86.10	44	EP	P	08 51 03.9 -0.1
K05A	Summer Lake	86.11	43	UP	P	08 51 04.4 +0.4
GMRC	Granite Mounta	86.14	52	UP	P	08 51 04.0 -0.2
BILL	Bilbino	86.15	358	UP	P	08 51 02.7 -1.5
BILL	Bilbino	86.15	358	UP	P	08 51 02.7 -1.5
BILL	Bilbino	86.15	358	UP	P	08 51 02.7 -1.5
BILL	Bilbino	86.15	358	UP	P	08 51 02.7 -1.5
J05A	Fort Rock	86.16	42	UP	P	08 51 04.4 +0.1
SHOC	Shoshone	86.17	50	UP	P	08 51 04.1 -0.1
TUQ	Turquoise Mtn.	86.23	51	UP	P	08 51 04.6 0.0
O07A	Toulon	86.23	46	P	P	08 51 04.7 +0.1
H04A	Detroit Lake	86.26	41	UP	P	08 51 04.2 -0.5
IRM	Iron Mountain	86.27	52	UP	P	08 51 05.1 +0.3
Q08A	Gabbs	86.29	47	P	P	08 51 04.9 0.0
G04A	Mulino	86.34	40	UP	P	08 51 04.8 -0.4
U10A	Ash Meadows, A	86.35	50	UP	P	08 51 05.5 +0.3
TPH	Tonopah	86.44	48	EP	P	08 51 06.4 +0.8
TPH	Tonopah	86.44	48	EP	P	08 51 06.4 +0.8
N07B	Gerlach	86.45	45	UP	P	08 51 05.8 +0.1
C03A	Quailuote Air	86.53	37	UP	P	08 51 05.5 -0.6
K06A	Valley Falls	86.56	43	UP	P	08 51 06.1 -0.1
P08A	Dixie Valley	86.56	46	UP	P	08 51 06.5 +0.2
Y12C	Blythe	86.57	53	UP	P	08 51 06.6 +0.3
M07A	Soldier Meadow	86.60	44	UP	P	08 51 06.5 +0.1
R09A	Tonopah	86.62	48	UP	P	08 51 06.6 +0.1
CIT	Chita	86.66	328	EP	P	08 51 06.7 0.0
CIT	Chita	86.66	328	EP	P	08 51 06.7 0.0
SYO	Syowa Base	86.73	195	EP	P	08 51 05.0 -2.1
SYO	Syowa Base	86.73	195	EP	P	08 51 05.0 -2.1
F04A	Amboy	86.75	39	UP	P	08 51 06.7 -0.5
V11A	Adelphi Springs	86.76	51	UP	P	08 51 07.1 -0.1
O08A	Rochester Mine	86.78	46	UP	P	08 51 07.6 +0.3
L07A	Adelphi Springs	86.79	44	P	P	08 51 07.9 +0.5
Q09A	Carvers	86.80	47	UP	P	08 51 07.6 +0.2
H05A	Madras	86.84	41	UP	P	08 51 07.5 -0.1
YAK	Yakuts	86.89	341	EP	P	08 51 06.7 -1.1
YAK	Yakuts	86.89	341	EP	P	08 51 06.7 -1.1
YAK	Yakuts	86.89	341	EP	P	08 51 06.7 -1.1
YAK	Yakuts	86.89	341	EP	P	08 51 06.7 -1.1
HOOD	Mount Hood Mea	86.91	40	UP	P	08 51 08.0 +0.1
W12A	Cal Nev Ari	86.95	51	UP	P	08 51 08.2 +0.1
N08A	GE Springer Mi	87.02	45	UP	P	08 51 08.4 0.0
U11A	Corn Creek	87.05	50	UP	P	08 51 08.8 +0.2
G05A	Wamic	87.08	40	UP	P	08 51 08.6 -0.2
TDL	Tradedollar La	87.08	39	P	P	08 51 09.1 +0.3
PDMC	Parker Dam,Lak	87.08	53	UP	P	08 51 08.8 +0.1
I06A	Prineville	87.14	42	P	P	08 51 09.2 +0.2
V12A	Nelson	87.14	51	UP	P	08 51 09.2 +0.2
P09A	Austin	87.15	47	UP	P	08 51 09.2 +0.1
K07A	Rock Creek Ran	87.16	43	P	P	08 51 09.4 +0.3
B04A	Port Angeles	87.20	37	UP	P	08 51 09.2 -0.1
SHPR	Sheep Range	87.24	50	EP	P	08 51 10.3 +0.8
C04A	Brinton	87.33	38	UP	P	08 51 09.8 -0.2
O09A	Fish Creek Ran	87.39	46	P	P	08 51 10.6 +0.3
H06A	Lindquist Farm	87.44	41	UP	P	08 51 10.2 -0.3
X13A	Yucca	87.44	52	UP	P	08 51 10.4 -0.1
J07A	Hines	87.44	43	UP	P	08 51 10.4 -0.1
WVOR	Wild Horse Val	87.44	44	EP	P	08 51 10.6 +0.1
WVOR	Wild Horse Val	87.44	44	EP	P	08 51 10.6 +0.1
WVOR	Wild Horse Val	87.44	44	EP	P	08 51 10.6 +0.1
WVOR	Wild Horse Val	87.44	44	EP	P	08 51 10.6 +0.1
E05A	Randle	87.46	39	UP	P	08 51 10.0 -0.6
N09A	Rock Creek Ran	87.46	46	EP	P	08 51 10.7 +0.1
BMN	Battle Mountai	87.48	46	EP	P	08 51 11.1 +0.4
BMN	Battle Mountai	87.48	46	EP	P	

5d 9h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SHL Shilling, AAK Ala-Archa, AAK Ala-Archa, GUN Gumba, etc.

2006 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NDI New Delhi, K08A Mann Creek Ranch, F12A Elk City, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Q11A Duckwater, P12A McGill, LAO LASA Array, etc.

5d 11h

0.2nm, 0.2s, baz=53, slow=1.4, SNR=5.6
BRTR Keskin Array B 153.65 296 PKPbc PKPbc 09 55 29.6 +5.3
0.7nm, 0.8s, baz=92, slow=4.2, SNR=3.4
TORO Torodi Ar. Bea 161.36 178 PKPab PKPab 09 56 16.1 +5.8
1.9nm, 1.1s, baz=172, slow=5.2, SNR=5.9

ISCJB 05 09:38:23.7±0.4, 4082N:003:2806E:003, h4km, 4km,
Error ellipse: s-maj=4.6km s-min=3.1km az=141.1,
CSEM 05 09:38:23.4±0.1, 4085N:2802E, h15km, MD3.1, Error
ellipse: s-maj=2.6km s-min=1.4km az=156.0
ISK 05 09:38:23.6, 4082N:2803E, h12km, MD3.1
ATH 05 09:38:41.0, 4035N:2590E, h10km, MD3.5/3
ISC 05 09:38:24.3±0.4, 4068N:003:2805E:003, h11km, 4km, n36,
±0.70, 16, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Marmara Adasi, Catalca, Edincik, etc.

ISC 05 09:45:24.3±1.7, 259N:9566E, h21km, 5km, mb3.8/7,
mb1 3.9/8, mb1mx3.7/23, mbmtmp3.8/8, ML3.4/1, Error
ellipse: s-maj=52.2km s-min=15.9km az=58.0, Off west
east of northern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Prapat, FITZ, WRA, etc.

ISCJB 05 09:51:49.5±1.6, 474N:02:1452E:03, h423km, 17km,
mb2.9/5, Error ellipse: s-maj=36.4km s-min=26.0km
az=80.4

ISC 05 09:51:50.5±2.0, 4735N:14515E, h418km, 23km, mb2.7/5,
mb1 3.0/7, mb1mx2.8/23, mbmtmp2.7/7, Error ellipse:
s-maj=33.2km s-min=8.0km az=119.0

ISC 05 09:51:50.4±1.6, 474N:02:1452E:03, h418km, 19km, n7,
±102.7, mb2.9/5, Sea of Okhotsk

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ASAJ, KSRs, MKAR, etc.

ISC 05 09:56:49.8±8.8, 683S:15130E, h64km, 64km, mb3.1/3,
mb1 3.3/4, mb1mx3.2/15, mbmtmp3.1/4, ML2.1/1, Error
ellipse: s-maj=90.5km s-min=57.3km az=138.0, New
Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PMG, WRA, ASAR, etc.

LDG 05 09:59:01.0±0.1, 4302N:001W, h5km, Md1.9/3, M11.6/2,
Error ellipse: s-maj=2.0km s-min=1.0km az=171.0,
STR 05 09:59:01.1±0.0, 4300N:004E, h5km, 1km, M11.8, Error
ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 05 09:59:01.5±0.0, 4301N:001W, h0km, mbLQ0.8/2, Error
ellipse: s-maj=2.9km s-min=2.1km az=153.0, PRXIMO,
Pyrenees

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like LABF, SJAIF, etc.

LDG 05 11:06:43.4±1.8, 2096S:16912E, h0km, mb4.3/7,

2006 DEC

Table with columns: LAFB, Labassere, 0.07 61 P Sg Pg, 05 59 03.0 +0.1, etc.

ISC 05 10:19:51.9±10.0, 2359S:17969E, h572km, 123km,
mb3.0/6, mb1 3.3/6, mb1mx3.1/13, mbmtmp3.0/6, Error
ellipse: s-maj=111.3km s-min=46.6km az=160.0, South
of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CTA, STKA, ASAR, etc.

DHMR 05 10:32:33.9±0.7, 1193N:4076E, h9km, 47km, ML3.9,
Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like DESE, TRBA, FURI, etc.

ISCJB 05 10:43:46.5±0.6, 2508N:009:12221E:05, h18km, 5km,
mb3.2/4, Error ellipse: s-maj=14.0km s-min=7.4km
az=163.6

NEIC 05 10:43:46.5±0.7, 2526N:12223E, h18 (km), 7km,
MB3.5(JMA), Error ellipse: s-maj=18.5km s-min=15.4km
az=144.0

ISC 05 10:43:48.5±3.8, 2536N:12250E, h201km, 38km, mb3.0/4,
mb1 3.2/5, mb1mx3.0/22, mbmtmp3.0/5, Error ellipse:
s-maj=36.5km s-min=19.1km az=77.0

JMA 05 10:43:48.7±0.3, 2514N:12225E, h170km, M3.0
ISC 05 10:43:47.5±0.6, 2511N:008:12220E:005, h180km, 5km,
n17, ±0.91/29, mb3.2/4, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like YHNB, YOJ, NACB, etc.

STR 05 10:54:00.0±0.0, 4228N:265E, h5km, 1km, M12.2, Error
ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 05 10:54:00.3±0.1, 4227N:282E, h14km, M2.3/3, M12.1/2,
Error ellipse: s-maj=1.8km s-min=1.6km az=104.0,
Pyrenees

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SJAIF, FILF, MTLF, etc.

ISC 05 11:06:43.4±1.8, 2096S:16912E, h0km, mb4.3/7,

166

mb1 4.4/8, mb1mx4.2/15, mbmtmp4.3/8, ML3.6/1, MS3.8/11,
Ms1 3.8/11, ms1mx3.6/24, Error ellipse: s-maj=59.7km
s-min=24.4km az=151.0

NEIC 05 11:06:47.4±1.2, 2109S:16918E, h30km, mb4.4/2, Error
ellipse: s-maj=41.7km s-min=15.9km az=154.0

BUI 05 11:06:47.3, 2110S:16920E, h30km, mb5.0, mb4.3,
ISCJB 05 11:06:49.4±0.7, 2095S:01:16878E:007, h35km, mb4.2/8,
MS3.8/9, Error ellipse: s-maj=19.7km s-min=8.5km
az=150.0

ISC 05 11:06:51.2±0.7, 2095S:01:16879E:007, h35km, n25,
±1950/20, mb4.2/8, MS3.8/9, Lost Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like DZM, CTA, STKA, etc.

WEL 05 11:07:58.0±0.4, 3552S:17934E, h268km, 5km, ML3.6/6,
Error ellipse: s-maj=11.2km s-min=8.3km 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 MXZ, PUZ, MWZ, etc.

ISC 05 11:23:20.8±0.9, 2821S:6548E, h0km, mb3.6/2, mb1 3.9/2,
mb1mx3.5/20, mbmtmp3.6/2, MS3.4/1, Ms1 3.4/1,
ms1mx2.7/29, Error ellipse: s-maj=486.8km
s-min=50.3km az=34.0, Indian Ocean Triple Junction

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KMBO, ASAR, WRA, etc.

ISCJB 05 11:25:26.3±0.3, 5978N:003:15194W:006, h70km, 4km,
mb4.0/23, Error ellipse: s-maj=5.5km s-min=4.7km
az=106.9

ISC 05 11:25:26.9±0.5, 5974N:15227W, h64km, 4km, mb3.6/15,
mb1 3.9/17, mb1mx3.8/25, mbmtmp3.7/17, MS3.2/3,
Ms1 3.2/3, ms1mx2.9/32, Error ellipse: s-maj=14.9km
s-min=7.1km az=89.0

MOS 05 11:25:26.4±1.0, 5986N:15213W, h70km, mb4.6/4, Error
ellipse: s-maj=17.8km s-min=7.8km az=79.5

BUI 05 11:25:26.0, 5970N:15190W, h58km, mb5.2, mb4.7, Ms4.9,
Ms2.6

NEIC 05 11:25:28.1, 5974N:15190W, h58km, mb4.4/3,
ML4.2(AEIC), ML4.6(PMR), After AECI.

NEIC Felt [I] at Anchorage, Homer and Soldotna. Also felt at
Natchik.
ISC 05 11:25:27.6±0.3, 5976N:003:15192W:006, h65km, 4km,
h65km, 1 km, pp-P, n108, ±19/191, mb4.0/23, 2C-2D,
Kenai Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like AUGL, SLKM, SEW, etc.

After RSPR. RSPR 05 12:05:10.2, 1893N-6872W, h176km, 5km, MD3.8/9, MD3.8/9, 10C, Mona Passage

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like Las Mesas, Cabo Rojo, Arecibo Observ, Guanica, Bosqu, Obispo Pond, Cerrillos, Isla Caja Muer, Canovanas, Cerro la Pandu, Col San Antoni, Monte Pirata, Tortola.

IDC 05 12:11:08.4, 3.4, 2189N-14315E, h43km, 31km, mb3.6/9, mb1 3.8/10, mb1mx3.7/22, mbtmp3.7/10, ML4.0/1, MS3.4/5, Ms1 3.4/5, ms1mx3.0/31, Error ellipse: s-maj=31.3km s-min=17.2km az=89.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like Chichi jima, Matsushiro Arr, Korea Arr, Asahikawa, Sogingo Array, Warramunga Arr, Alice Springs, Zalesovo, Makanchi Array, Yellowknife Arr, Papeete, Mina Array Bea, Keskin Array B.

IDC 05 12:15:47.6, 10.0, 1480S-16379E, h0km, mb4.1/3, mb1 4.2/4, mb1mx3.8/16, mbtmp4.0/4, ML2.8/1, Vanuatu Islands region

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

ATH 05 12:28:01.9, 3664N-2559E, h6km, MD3.3/7, ISCJB 05 12:28:02.0, 0.2, 3667N-2564E, h11km, 5km, Error ellipse: s-maj=7.7km s-min=4.1km az=14.8

THE 05 12:28:02.0, 3668N-2569E, h2km, NEIC 05 12:28:02.0, 3664N-2559E, h6km, MD3.3(ATH), After ATH.

CSEM 05 12:28:04.0, 2.1, 3658N-2566E, h8km, MD3.3, Error ellipse: s-maj=3.6km s-min=1.8km az=138.0

ISC 05 12:28:07.0, 5, 3664N-003.2564E, h05, h12km, 5km, n21, c088/32, 2C, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like Thira Island, Santorini, Thira Island, Santorini, Thira Island, Apeiranthos, Apeiranthos, Nisirois, Neapolis, Samos, Zakros, Zakros, Karpathos, Sivas, Khirisi, Karanos, Karanos, Velia, Peshkopia.

IDC 05 12:29:44.0, 25.0, 4975S-1803E, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.8/21, mbtmp3.6/3, Error ellipse: s-maj=797.7km s-min=32.2km az=104.0, Southeast Indian Ridge

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

IDC 05 12:31:50.8, 2.5, 2152N-14469E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.4/21, mbtmp3.4/3, Error ellipse: s-maj=264.4km s-min=39.1km az=110.0, Mariana Islands region

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

YKU Yellowknife Arr 75.95 28 P 12 43 39.2 -0.2 0.3nm, 0.5s, baz=292, slow=9.3, SNR=6.3

ISCJB 05 12:37:23.6, 0.9, 1995S-02.1782W, 0.1, h600km, mb4.1/10, Error ellipse: s-maj=26.1km s-min=16.2km az=136.2

IDC 05 12:37:26.5, 4.6, 1993S-1782W, h626km, 62km, mb3.8/3, mb1 3.5/10, mb1mx3.3/18, mbtmp3.4/10, Error ellipse: s-maj=51.5km s-min=20.1km az=66.0

NEIC 05 12:37:26.2, 3.5, 1990S-1782W, h621km, 62km, mb4.3/4, Error ellipse: s-maj=28.6km s-min=21.7km az=199.0

ISC 05 12:37:25.1, 0.9, 1995S-02.1782W, 0.1, h600km, n15, c066/14, mb4.1/10, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like DZM, URZ, CTA, Charters Tower, CTM, Charters Tower, PMG, STKA, ASAR, WRAB, WRA, FORT, FITZ, NWAO, NVA, TXAR, AKAS.

CSEM 05 12:43:51.6, 3489N-2482E, h30km, MD3.2/3, After ATH THE 05 12:43:51.2, 3472N-2480E, h10km

ISCJB 05 12:43:52.1, 1.2, 3481N-01.2474E, h06, h23km, 9km, Error ellipse: s-maj=18.1km s-min=6.2km az=162.2

ATH 12:43:52.3, 3470N-2480E, h10km, MD3.2/3, ISC 05 12:43:52.0, 1.3, 3481N-01.2474E, h06, h22km, 11km, n11, c077/14, 1C, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like SIVA, GVD, GVD, VAM, XRY, KARN, KARN, ZKR, THR6, THR5, THR3, THR4.

IDC 05 12:49:16.2, 0.9, 1908N-121.26E, h0km, mb3.8/6, mb1 4.1/9, mb1mx3.9/23, mbtmp4.0/9, ML3.3, MS3.3/3, Ms1 3.3/3, ms1mx3.0/35, Error ellipse: s-maj=36.6km s-min=17.9km az=77.0

ISCJB 05 12:49:23.0, 0.6, 1927N-004.12133E, 0.10, h67km, 9km, mb3.8/7, Error ellipse: s-maj=15.8km s-min=6.6km az=12.6

MAN 05 12:49:23.1, 1913N-121.13E, h15km, mb2.9, ML4.3, MS6.0 NEIC 05 12:49:26.4, 2.7, 1934N-121.52E, h77km, 22km, Error ellipse: s-maj=29.2km s-min=20.6km az=54.0

ISC 05 12:49:24.0, 6.6, 1923N-004.1214E, 0.1, h66km, 8km, n29, c183/29, mb3.8/7, 2C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like SGCP, APVP, BALP, CVP, ABRA, CAUP, PALP, PALP, PALP, KARS, PSI, SONM, SONM, WRA, MKAR, ASAR, AKTK, AKTK, AKTK, PMR, YKA, YKA, TXAR, TXAR, VNA2, VNA2, VNA3.

IDC 05 12:54:44.7, 1.5, 1992N-15626W, h17km, 17km, MD3.5(HVO), 1C, Error ellipse: s-maj=25.9km s-min=8.2km az=53.0, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like POHA, POHA, HKL, HKL, KHU, KHU, STCH, STCH, KIP, KIP, VNA3, NEIC 05 12:54:44.7, 1.5, 1992N-15626W, h17km, 17km, MD3.5(HVO), 1C, Error ellipse: s-maj=25.9km s-min=8.2km az=53.0, Hawaiian Islands

POHA Pohakuloa 0.70 103 ePg 12 54 58.2 -0.3 POHA Pohakuloa 0.70 103 ePg 12 55 07.2 -0.6 HKL Haleakala 0.78 360 ePg 12 55 00.4 +0.3 KHU Kahuku 0.90 138 ePg 12 55 13.1 +2.7 STCH Steam Cracks 1.19 116 ePg 12 55 02.5 +0.2 STCH Steam Cracks 1.19 116 ePg 12 55 25.5 +2.3 KIP Kipapa 2.22 313 ePn 12 55 20.6 -0.2 KIP Kipapa 2.22 313 ePn 12 55 47.6 -0.2

CSEM 05 13:14:45.5, 5915N-1770E, h16km, ML3.6, Mining explosion. After UPP UPP 05 13:14:45.5, 5915N-1770E, h16km, ML3.6, Mining explosion., Sweden

explosion. After UPP UPP 05 13:14:45.5, 5915N-1770E, h16km, ML3.6, Mining explosion., Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like NYNU, NRTU, BACU, VIKU.

IDC 05 13:26:19.1, 3.2, 223N-9969W, h0km, mb3.9/5, mb1 4.3/5, mb1mx4.1/13, mbtmp3.9/5, MS3.7/14, Ms1 3.7/14, ms1mx3.5/18, Error ellipse: s-maj=131.9km s-min=55.1km az=78.0, West of Galapagos Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like JTS, TEIG, ATAH, NNA, TXAR, SDV, RPN, PFO, LPAZ, NVA, PDAR, PDAR, RKT, RKT, CFAA, ULM, ULM, NEW, SCH, YKA, YKA, NOA.

IDC 05 13:32:16.6, 11.0, 152N-9856W, h0km, mb3.8/3, mb1 4.2/3, mb1mx3.9/14, mbtmp3.8/3, MS3.3/1, Ms1 3.3/1, ms1mx2.7/22, Error ellipse: s-maj=477.1km s-min=204.3km az=73.0, West of Galapagos Islands

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

IDC 05 13:34:15.4, 8.8, 632S-15127E, h88km, 62km, mb3.1/2, mb1 3.4/3, mb1mx3.1/13, mbtmp3.2/3, ML2.6/1, Error ellipse: s-maj=105.4km s-min=57.8km az=127.0, New Britain region

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

IDC 05 13:37:37.8, 1.8, 1254N-12563E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.7/20, mbtmp3.7/5, Error ellipse: s-maj=136.2km s-min=20.1km az=70.0

ISCJB 05 13:37:44.5, 0.7, 1245N-004.1206E, 0.07, h56km, 7km, mb3.7/5, Error ellipse: s-maj=11.4km s-min=5.4km az=134.9

MAN 05 13:37:44.8, 1247N-1250E, h30km, mb4.1, ML5.1, MS1.6 ISC 05 13:37:45.9, 0.7, 1242N-004.1207E, 0.07, h50km, 8km, n26, c103/31, mb3.7/5, 1C-2D, Samar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CNP, BESP, BLP, PLP, OCLP, MSLP, LLL, RCP, SCPH, KALP, OTRP, GUIM, BOAC, POLP, BUKP, BALP, RCP, PALP, PALP, FITZ, WRA, ASAR, SONM, MKAR.

WEL 05 13:44:34.0, 4.0, 3539S-17872E, h287km, 7km, ML3.5/5, Error ellipse: s-maj=44.3km s-min=19.4km 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 MWZ, MWZ, URZ, MRZ.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MRZ, MRZ, Tintock, Cannon Point, South Karori, etc.

IDC 05 13:46:46.9-0.7, 4729N:15605E, h0km, mb4.0/15, mb1 4.2/16, mb1mx2.4/125, mbtmp4.0/16, ML3.7/1, MS3.3/5, Ms1 3.3/5, ms1mx2.8/40, Error ellipse: s-maj=21.8km s-min=15.0km az=158.0

ISCJB 05 13:46:47.5-0.6, 4752N:006:1560E.01, h10km, mb4.1/21, MS3.5/4, Error ellipse: s-maj=12.0km s-min=7.6km az=72.0

NEIC 05 13:46:48.8-0.5, 4735N:15609E, h10km, mb4.5/4, Error ellipse: s-maj=12.5km s-min=9.0km az=145.0

MOS 05 13:46:51.1-1.1, 4747N:15597E, h40km, mb4.4/17, Error ellipse: s-maj=18.1km s-min=10.6km az=98.8

ISC 05 13:46:49.1-0.6, 4751N:006:1560E.01, h10km, n48, r1903/50, mb4.1/21, MS3.5/4, 2D, East of 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, SKR Shefera Array, SKR Borovoye Array, etc.

YSS Yuzh-Sakhalins 9.01 271 eP Pn 13 49 01.3 +2.1

ASAJ Asahikawa 9.93 255 P Pn 13 49 09.4 -2.3

ASAJ comp=Z, 47nm, 20.5s, baz=305, slow=36

HABR Khabarovsk 14.04 282 eP Pn 13 50 05.6 -2.4

SEY Shekharan 15.59 354 eS Pn 13 50 24.9 -4.0

MJAR Matsushiro Arr 17.11 237 P Pn 13 50 49.1 +0.9

YAK Yakutsk 20.80 324/1/2 pmax pmax 13 51 29.3 -1.1

BILL Bilibino 21.25 11 eP P 13 51 36.7 +1.4

BILL comp=Z, 25nm, 1.8s, mb4.2

BILL Bilibino 21.25 11 eP P 13 51 36.8 +1.5

TXSI Korea Array 22.88 254 P Pn 13 51 53.4 +0.7

TIXI Tiksi 27.39 342 eP P 13 52 34.0 0.0

SOMN Songino Array 32.92 289 LR LR 14 07 23.7

INK Inuvik 39.96 33 P Pn 13 54 23.2 -0.4

INK Inuvik 39.96 33 P Pn 13 54 23.3 -0.3

ZAL Zalesovo 43.76 306 P P 13 55 54.1 +0.5

ZAL comp=Z, 37nm, 18.6s, MS3.3, baz=301, slow=38

ZAL Zalesovo 43.76 306 P Pmax pmax 13 55 54.2 +0.5

ZAL comp=Z, 1.0nm, 0.3s

MKAR Makanchi Array 48.31 298 P P 13 55 31.6 +1.1

MKAR Makanchi Array 48.31 298 LR LR 14 18 36.7

MKAR Makanchi Array 48.31 298 pmax pmax 13 55 31.6 +1.0

MKAR comp=Z, 3.0nm, 0.7s

KURK Kurchatov 48.56 304 eP P 13 55 32.7 +0.2

KURK Kurchatov 48.56 304 eP P 13 55 33.2 +0.8

YKA Yellowknife Ar 49.14 38 P P 13 55 37.0 +0.1

YKA Yellowknife Ar 49.14 38 P Pmax pmax 13 55 37.0 +0.1

YKA comp=Z, 2.0nm, 0.9s

YKA Yellowknife Ar 49.14 38 P P 13 55 37.0 +0.1

CHZK Chkalovo 51.42 311 eP P 13 55 54.4 +0.2

CHZK comp=Z, 3.0nm, 0.6s, mb4.4

BVAR Borovoye Array 51.87 310 P P 13 55 58.9 +1.3

BVAR Borovoye Array 51.87 310 pmax pmax 13 55 58.9 +1.3

AAK Ala-Archa 55.23 297 eP P 13 56 22.3 +0.1

ARU Arti 55.76 318 i/P P 13 56 26.1 +0.1

ARU Arti 55.76 318 eP P 14 04 07.2 -5.5

ARU comp=Z, 8.0nm, 0.9s, mb4.8

ARU Arti 55.76 318 eP P 13 56 26.7 +0.7

ARU comp=Z, 9.2nm, 1.3s, mb3.7

NVAR Mina Array Bea 60.35 64 P P 13 56 59.0 +0.8

NVAR Mina Array Bea 60.35 64 P P 13 56 59.0 +0.8

PDAR Piedad Array 62.72 56 P P 13 57 14.3 +0.1

FINES FINESS Array B 64.17 336 P P 13 57 24.1 +0.3

FINES FINESS Array B 64.17 336 LR LR 14 27 51.5

FINES FINESS Array B 64.17 336 pmax pmax 13 57 24.1 +0.3

FINES comp=Z, 1.0nm, 0.5s

NOA NORARS Array B 68.12 342 P P 13 57 49.2 0.0

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couple: $M_1=1.48000 \times 10^{15}$ $NP1_{\phi} \approx 257.00000^\circ$ $\delta 88.00000^\circ$ 1.9700000° $NP2_{\phi} \approx 1.00000^\circ$ $\delta 7.00000^\circ$ 14.000000°
 IDC 05 15:25:41.4-7.1, 4609N, 15281E, h74km, 73km, mb3.3/4, mb1 3.6/5, mb1mx3.3/23, mbttmp3.4/5, ML3.4/1, MS3.0/2, Ms1 3.0/2, ms1mx2.6/41, Error ellipse: s-maj=82.80km s-min=41.5km az=179.0, Kuril Islands

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time	Res
					h m s	ISC
ASAJ	Asahikawa	7.49	258	Op	15 26 37.9	0.0
ASAJ	0.6nm, 0.3s, baz=69, slow=18, SNR=2.8			LR	15 29 25.7	
KSR5	Korea Array	20.41	254	P	15 29 22.4	+0.1
KSR5	1.3nm, 0.8s, baz=52, slow=11, SNR=4.5			LR	15 36 44.4	
MKAR	Makanchi Array	47.06	298	P	15 33 15.6	0.0
NOA	NORSAR Array B	68.79	341	P	15 35 47.0	-0.6
TXAR	Lajitas Array	78.00	60	P	15 36 42.0	+0.3
	0.2nm, 0.6s, baz=308, slow=3.0, SNR=3.7					

IDC 05 15:29:22.2-2.6, 2685N, 5639E, h0km, mb3.5/3, mb1 3.5/3, mb1mx3.3/23, mbttmp3.5/3, MS3.0/1, Ms1 3.0/1, ms1mx2.5/29, Error ellipse: s-maj=78.1km s-min=32.8km az=164.0

ISC/JB 05 15:29:24.7-1.7, 2746N, 004:564E, 0.1, h0km, 13km, mb3.5/3, MS2.9/1, Error ellipse: s-maj=16.7km s-min=7.0km az=17.9

CSEM 05 15:29:26.0, 2738N, 5620E, h14km, ML3.8, After THR

THR 05 15:29:26.0, 0.6, 2730N, 5620E, h14km, 30km, ML3.6

ISC 05 15:29:26.1, 1.3, 2741N, 004:563E, 0.10, h1km, 10km, n12, $\delta 88.919^\circ$, mb3.3, MS2.9/1, 2C-2, Southern Iran

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time	Res
					h m s	ISC
BNDS	Bandar-Abbas	0.14	266	Op	15 29 28.7	0.0
BNDS	comp=N, 57um, 0.2s			AML	15 29 30.9	
BANOM	Banah	1.48	181	Op	15 29 53.7	-0.1
BANOM	SNR=116					
KRBR	Kerman	2.59	8	Op	15 30 13.7	+0.1
KRBR	comp=N, 269nm, 0.8s			AML	15 30 10.7	+1.6
KRBR	SNR=52			AML	15 30 48.7	-0.6
KRBR	comp=E, 293nm, 1.0s			AML	15 30 50.5	
KRBR	SNR=90			AML	15 30 51.0	
KRBR	comp=E, 293nm, 1.0s, SNR=90			Sg	15 30 10.7	+1.6
ASHO	Ashiyah	2.72	185	Op	15 30 11.6	+0.7
ASHO	SNR=3					
GHIR	Ghir-Karzin	3.08	287	Op	15 30 15.2	-0.7
NASN	Na'in	6.18	331	Op	15 30 58.9	+0.6
WHFO	Wadi Hawf	7.93	195	Op	15 31 46.7	-0.5
BRTR	Reskin Array B	22.47	309	P	15 34 27.4	+0.8
BRTR	comp=E, 1.3nm, 1.0s, mb3.3, baz=116, slow=13, SNR=3.8			LR	15 50 36.7	
IDI	Anoyia	27.89	294	LR	15 30 36.7	
IDI	comp=E, 28nm, 18.7s, MS2.9, baz=54, slow=45					
SOM	Songino Array	43.71	48	P	15 37 31.7	-1.0
SOM	comp=E, 0.7nm, 0.9s, mb3.4, baz=274, slow=8.5, SNR=4.1					
TORD	Torodi Arr. Bea	52.79	266	P	15 38 39.5	-3.3
TORD	comp=E, 0.8nm, 0.5s, mb3.9, baz=62, slow=7.6, SNR=8.1					

IDC 05 15:47:41.7-2.6, 966S, 11824E, h0km, mb3.5/3, mb1 3.7/5, mb1mx3.6/18, mbttmp3.5/5, ML3.4/2, Error ellipse: s-maj=158.8km s-min=21.9km az=54.0, Sumbawa region

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time	Res
					h m s	ISC
FITZ	Fitzroy Crossi	11.05	140	Op	15 50 20.1	-0.9
FITZ	0.3nm, 0.3s, baz=15, slow=14, SNR=15			Pn	15 52 17.2	-0.8
WRA	Warrungarra Arr	18.61	125	P	15 51 59.6	-1.2
WRA	0.1nm, 0.3s, baz=299, slow=14, SNR=6.9			Sn	15 55 15.6	-1.4
ASAR	Alice Springs	20.45	135	P	15 52 22.4	+1.7
ASAR	0.8nm, 0.4s, baz=314, slow=10, SNR=11			P	15 57 37.9	+0.4
SOM	Songino Array	58.19	251	P	15 37 31.7	-1.0
SOM	0.5nm, 0.7s, baz=171, slow=7.7, SNR=5.1			P	15 58 21.4	-0.1
MKAR	Makanchi Array	64.70	334	P	15 33 15.6	0.0
MKAR	0.6nm, 0.7s, baz=160, slow=6.7, SNR=6.5					

ISC/JB 05 15:58:23.3-1.4, 177S, 05:178.1W, 0.4, h590km, 40km, mb4.1/7, Error ellipse: s-maj=83.8km s-min=34.8km az=121.2

IDC 05 15:58:23.6-2.0, 1760S, 17824W, h550km, 57km, mb3.5/6, mb1 3.5/8, mb1mx3.3/19, mbttmp3.5/8, Error ellipse: s-maj=64.5km s-min=47.0km az=141.0

NEIC 05 15:58:23.9-1.0, 1774S, 17826W, h555km, 23km, mb4.0/2, Error ellipse: s-maj=58.0km s-min=21.2km az=153.0

ISC 05 15:58:23.9-1.4, 178S, 05:178.2W, 0.3, h552km, 33km, n15, $\delta 65.53^\circ$, 15, mb4.1/7, Fiji Islands region

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time	Res
					h m s	ISC
AFI	Afihamalu	7.28	59	Op	16 00 13.8	-0.7
AFI	0.3nm, 0.3s, baz=218, slow=20			P	16 00 15.2	+0.6
AFI	Monti Dzumac	15.05	251	P	16 01 33.7	0.0
AFI	0.2nm, 0.4s, baz=101, slow=17, SNR=3.2			P	16 04 18.3	-0.9
CTA	Charters Tower	33.66	260	P	16 04 18.3	-0.9
CTA	0.8nm, 0.8s, mb4.0, baz=100, slow=12, SNR=3.3			P	16 04 19.1	-0.1
CTA	Charters Tower	33.66	260	P	16 04 19.1	-0.1
CTA	0.2nm, 0.6s, mb4.0			P	16 04 27.9	+0.6
PMG	Port Moresby	34.62	279	P	16 04 28.1	+0.8
PMG	0.6nm, 0.8s, mb4.2, baz=110, slow=7.0, SNR=3.5			P	16 05 02.7	+0.6
STKA	Stephen Creek	38.85	241	P	16 05 02.9	+0.9
STKA	4.6nm, 0.5s, mb4.3, baz=102, slow=9.7, SNR=17			P	16 05 48.5	-0.5
WB2	Warrungarra Arr	44.83	259	P	16 05 48.5	-0.5
WB2	0.2nm, 0.5s, mb4.0			P	16 05 48.8	-0.3
ASAR	Alice Springs	45.01	254	P	16 05 50.4	0.0
ASAR	2.3nm, 0.5s, mb4.9, baz=92, slow=6.9, SNR=41			P	16 06 51.5	+0.4
FITZ	Fitzroy Crossi	53.24	260	P	16 06 51.5	+0.4
FITZ	1.1nm, 0.6s, mb3.4, baz=121, slow=12, SNR=8.5					

IDC 05 15:58:49.0-0.5, 1157N, 8625W, h0km, mb4.5/19, mb1 4.7/20, mb1mx4.6/25, mbttmp4.6/20, MS5.1/21, Ms1 5.1/21, ms1mx4.9/28, Error ellipse: s-maj=21.6km s-min=10.5km az=28.0

CASC 05 15:58:51.9-2.4, 1105N, 8679W, h20km, 8km, MD4.5, ML5.2, mb5.0(NEIC)

MOS 05 15:58:53.3-1.1, 1145N, 8652W, h33km, mb5.1/21, MS4.9/14, Error ellipse: s-maj=14.8km s-min=5.7km az=114.7

NEIC 05 15:58:54.4-0.3, 1140N, 8641W, h35km, mb5.0/57, MS4.9/14, Error ellipse: s-maj=8.8km s-min=4.6km az=224.0

NEIC Felt [I] at Managua. Felt at Jinotepa and San Marcos. Also felt at Gollito, Costa Rica

BJI 05 15:58:54.4-0.1, 1092N, 8640W, h35km, mb5.3, Ms5.5, MSz5.2

GCMT 05 15:58:54.4-0.1, 1092N, 8685W, h33km, MW5.5/94, Moment Tensor Solution. s94, c179; s90, c168; Duration: 154 Moment tensor: Scale 10¹⁷N; $M_{11}=1.86 \pm 0.03$; $M_{22}=1.40 \pm 0.03$; $M_{33}=0.46 \pm 0.03$; $M_{12}=1.09 \pm 0.03$; $M_{13}=1.15 \pm 0.02$; $M_{23}=0.90 \pm 0.04$; Best double couple: $M_{22}=4.6300 \times 10^{17}$ $NP1_{\phi}=128.00000^\circ$ $\delta 63.00000^\circ$ $\delta 74.00000^\circ$ $NP2_{\phi}=299.00000^\circ$ $\delta 28.00000^\circ$ $\delta 83.00000^\circ$

Principal axes: T 2.3110, P1g72.0000, Azm46.0000; N 0.3040, P1g3.0000, Azm306.0000; P -2.6150, P1g17.0000, Azm215.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

ISC/JB 05 15:58:56.7-0.4, 1141N, 004:8635W, 0.04, h73km, 3km, mb4.8/67, Error ellipse: s-maj=8.2km s-min=4.2km az=90.4

ISC 05 15:58:57.8-0.4, 1142N, 004:8634W, 0.04, h65km, 3km, n391, $\delta 69.8337^\circ$, mb4.8/67, 82C-64D, Near coast of Nicaragua

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time	Res
					h m s	ISC
SSSN	San Juan del S	0.50	105	Op	15 59 11.9	+1.2
SSSN	Apoyo	0.56	28	Op	15 59 11.8	+0.7
MASN	Masaya	0.59	18	Op	15 59 11.8	+0.7
TICN	Ticuantepe	0.62	10	Op	15 59 12.2	+0.9
CONN	Concepcion	0.71	78	Op	15 59 13.1	+0.6
KAVN	Gruta Xavier	0.72	1	Op	15 59 13.2	+0.6
MGAN	Managua	0.73	7	Op	15 59 32.8	+5.6
MGAN				Sn	15 59 30.3	+6.8
MGAN				eS	15 59 32.3	
MADN	Villa Maderas	0.79	91	Op	15 59 13.9	+0.5
MOMU	Momotombo	1.00	349	Op	15 59 15.0	-0.2
TELN	Telica	1.27	338	Op	15 59 19.5	0.0
VCR	Vista de Mar	1.46	152	Op	15 59 15.1	-7.0
JTS	JuntasAbangare	1.77	129	Op	15 59 21.8	-4.3
JTS				LR	16 00 16.0	

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time	Res
					h m s	ISC
JTS	JuntasAbangare	1.77	129	Op	15 59 23.1	-3.0
JTS	JuntasAbangare	1.77	129	eP	15 59 21.8	-4.3
JCR	Jicaral	1.97	142	Op	15 59 24.2	-4.7
CGAZ	Cerro Gallo 2	2.31	127	Op	15 59 32.1	-1.4
PR51	Puriscal	2.45	125	Op	15 59 34.4	-1.0
LAJ	Bijacajal	2.67	125	Op	15 59 32.8	+5.6
SJS	Escuela Geolog	2.69	123	Op	15 59 39.1	+0.5
BLLM	Bellamira	2.73	317	Op	15 59 38.8	
BLLM				eS	15 59 12.7	
VSM	San Miguel	2.75	317	Op	15 59 40.4	
TGUH	Teguicigalpa, Un	2.77	341	Op	15 59 39.3	-0.5
LCR2	La Lucha 2	2.84	126	Op	15 59 39.8	-0.9
SNR	San Vicente	3.27	312	Op	15 59 45.4	
LNBS				eS	16 00 24.6	
LNBS	Las Brisas	3.50	311	Op	15 59 48.9	
LNBS				x	16 00 31.8	
SBSL	San Blas	4.01	307	Op	15 59 56.2	
SBSL				eS	16 00 41.7	
BCIP	Isla Barro Colorado	6.78	109	Op	16 00 34.7	+0.1
TEIG	Tepeich	8.95	348	Op	16 01 03.2	-1.1
TEIG				LR	16 01 15.2	-3.5

CMJG Matias Romero 10.02 305 Pn comp=E, 5.7nm, 20.4s

STH Stony Hill 11.34 531 Op comp=E, 16nm, 0.3s, baz=114, slow=15, SNR=71

WHO Vista Hermosa 11.53 300 Op comp=E, 1.7nm, 0.3s, baz=296, slow=5.0, SNR=19

SOR Sora 11.71 115 Op comp=E, 0.96nm, 1.0s

MGV Manicaragua 12.24 29 Op comp=E, 0.8nm, 0.5s, baz=341, slow=3.7, SNR=6.5

LMGC Las Mercedes 12.43 45 Op comp=E, 0.96nm, 1.0s

CCCC Cccc 12.73 39 Op comp=E, 0.36nm, 1.0s

RCC Rio Carpintero 13.32 49 Op comp=E, 0.36nm, 1.0s

ROSC El Rosal 13.55 118 Pn comp=E, 2.2nm, 0.3s, baz=100, slow=22, SNR=12

ROSC El Rosal 13.55 118 Pn comp=E, 6um, 18.2s, baz=334, slow=37, SNR=6.5

ROSC El Rosal 13.55 118 Pn comp=E, 0.36nm, 1.0s

PLIG Organos 14.43 306 Op comp=E, 0.36nm, 1.0s

PLIG Planitillo 14.48 300 Op comp=E, 0.36nm, 1.0s

CAIG El Cayaco 14.61 294 Op comp=E, 0.36nm, 1.0s

SDV Santo Domingo 15.66

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like SIV, DUG, EDW2, LURC, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like I11A, F14A, E15A, K09A, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like A07A, EDM, B05A, C04A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Makanchi Array, Yellowknife Ar, Alice Springs, etc.

ISC 05 18:21:34.7±1.6, 1304N:124.44E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.5/19, mbtmp3.6/4, Error ellipse: s-maj=164.2km s-min=20.4km az=66.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CNP, PALO, RCP, etc.

ATH 05 18:39:27.8, 3674N:2661E, h10km, MD3.3/3 HLW 05 18:39:38.2, 3562N:2736E, h25km, Mb3.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAP, ARG, NPS, etc.

VIE 05 18:55:59.0±0.9, 4763N:765E, h8km, ML2.4/1, Error ellipse: s-maj=10.6km s-min=5.1km az=20.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BALST, BOURR, SULZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CDF, HAU, CABF, etc.

ISC 05 18:59:51.6±0.7, 4363N:004.10498W, h0km, mb4.5/1, Error ellipse: s-maj=7.4km s-min=5.1km az=35.3

ISC 05 18:59:52.6±2.1, 4346N:105.26W, h0km, mb4.3/1, mb1 3.9/4, mb1mx3.6/2.1, mbtmp3.7/4, ML2.5/3, Error ellipse: s-maj=48.1km s-min=8.6km az=153.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RSSD, PHWY, RWWY, etc.

ISC 05 18:59:53.9±0.6, 4361N:004.10506W, h0km, n34, c135/45, mb4.5/1, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ISCO, GCMT, LOHW, etc.

STR 05 19:23:47.0±0.3, 4758N:753E, h5km±1km, M1.1/5, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 05 19:23:46.5±0.3, 4759N:754E, h2km, Md2.1/3, M12.0/5, Error ellipse: s-maj=5.0km s-min=2.7km az=106.0, Switzerland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MOF, HINF, ECH, etc.

STR 05 19:30:49.5±0.5, 4758N:754E, h5km±1km, M1.1/7, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BALST, BOURR, SULZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MOC, HINF, SLE, etc.

ISC 05 19:34:24.8±3.4, 1586N:98.59W, h0km, mb3.9/5, mb1 4.2/7, mb1mx4.0/19, mbtmp3.9/7, ML3.6/2, MS3.6/7, M1±3.6/7, mb1mx3.4/29, Error ellipse: s-maj=56.2km s-min=21.0km az=5.0

ISC 05 19:34:26.6±1.0, 1611N:005.9864W, h0km, h15km±6km, mb4.2/9, MS3.6/4, Error ellipse: s-maj=8.8km s-min=4.5km az=24.5

NEIC 05 19:34:26.4±1.7, 1596N:98.55W, h10km, mb4.4/8, MD4.5(MEX), Error ellipse: s-maj=27.4km s-min=8.2km az=184.0

MEX 05 19:34:28.1±1.0, 1601N:98.69W, h17km±8km, MD4.6

ISC 05 19:34:27.6±1.0, 1619N:004.9863W, h0km, h9km±5km, n59, c15/75, mb4.2/9, MS3.5/3, 1C, Near coast of Guerrero

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

ISC 05 19:34:27.6±1.0, 1619N:004.9863W, h0km, h9km±5km, n59, c15/75, mb4.2/9, MS3.5/3, 1C, Near coast of Guerrero

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

ANMO Albuquerque 19.96 341 eP Pn 19 39 02.8 +1.1

ANMO Albuquerque 19.96 341 eP Pn 19 39 01.5 -0.1

ANMO Albuquerque 19.96 341 eP Pn 19 39 02.8 +1.1

ANMO Albuquerque 19.96 341 eP Pn 19 39 01.5 -0.1

ANMO Albuquerque 19.96 341 eP Pn 19 39 02.8 +1.1

ANMO Albuquerque 19.96 341 eP Pn 19 39 01.5 -0.1

ANMO Albuquerque 19.96 341 eP Pn 19 39 02.8 +1.1

ANMO Albuquerque 19.96 341 eP Pn 19 39 01.5 -0.1

ANMO Albuquerque 19.96 341 eP Pn 19 39 02.8 +1.1

ANMO Albuquerque 19.96 341 eP Pn 19 39 01.5 -0.1

5d 20h

Table of astronomical observations for the 5d 20h period, listing station names, coordinates, and observation details.

2006 DEC

Main table of astronomical observations for December 2006, listing station names, coordinates, and observation details.

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Table of astronomical observations for station 176, listing station names, coordinates, and observation details.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WCZ Waipua Caves, WZ Waipua Caves, KIWI Kaipiti Island, etc.

ISCJB 05 20:51:21.5±0.3, 6783N, 0202E, 006, h0km, Error ellipse: s-maj=3.4km s-min=3.1km az=90.7

NAO 05 20:51:22.2±1.5, 6785N, 2049E, ML2.6, IDO 05 20:51:22.4±1.1, 6789N, 2049E, h0km, mb1 3.2/3, mb1mx3.0/2.0, mbmp3.2/3, ML2.7/3, Error ellipse: s-maj=17.7km s-min=6.1km az=121.0

CSEM 05 20:51:22.1±0.1, 6786N, 2045E, h2km, ML3.3, Error ellipse: s-maj=4.5km s-min=3.5km az=54.0, Mining explosion.

UPP 05 20:51:22.4, 6783N, 2020E, h1km, ML3.3, Mining explosion.

HEL 05 20:51:23.0±0.1, 6785N, 2020E, h0km, ML2.1, ML3.3(UPP), ML2.4(BER), Explosion

BER 05 20:51:24.7±4.4, 6788N, 2023E, h0km, ML2.4, ML2.6(NAO), Suspected explosion

ISC 05 20:51:22.2±0.3, 6782N, 002-2025E, h0km, n38, c11160, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KUA Kurravaara, KUIA Kauravaara, NIKU Nikkaluokta, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FIAO FINESS Array B, FINES FINESS Array B, NB2 NORARS Subarra, etc.

IDC 05 20:54:23.2±0.7, 4603N, 154.18E, h0km, mb4.0/13, mb1 4.2/15, mb1mx4.1/26, mbmp4.0/15, ML3.6/2, Error ellipse: s-maj=21.4km s-min=16.8km az=132.0

ISCJB 05 20:54:23.3±0.6, 4616N, 008:15405E, 009, h10km, mb4.4/34, MS4.0/2, Error ellipse: s-maj=13.3km s-min=6.5km az=121.4

NEIC 05 20:54:24.5±0.6, 4604N, 154.12E, h10km, mb4.4/19, Error ellipse: s-maj=15.2km s-min=8.6km az=150.0

BJJ 05 20:54:25.0, 4595N, 15376E, h10km, mb4.8, mb4.4, MS4.3, MS2.4

SKHL 05 20:54:27.7±0.3, 4630N, 15370E, h58km, 22km, mb5.0/2, MOS 05 20:54:28.6±1.8, 4601N, 15379E, h59km, mb4.4/19, Error ellipse: s-maj=10.1km s-min=9.8km az=162.0

ISC 05 20:54:24.3±2.3, 4618N, 008:15409E, 009, h5km, 14km, h15km±1.6km, p-P, n85, c1926/87, mb4.4/34, MS4.0/2, East of Kuril Islands

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

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

IDC 05 21:03:48.4±3.1, 4292N, 104.99W, h0km, mb2.6/1, mb1 3.6/3, mb1mx3.4/21, mbmp3.4/3, ML3.4/2, Error ellipse: s-maj=62.8km s-min=9.2km az=159.0

ISCJB 05 21:03:53.1±0.7, 4370N, 005:10526W, 007, h0km, Error ellipse: s-maj=7.6km s-min=6.4km az=52.0

NEIC 05 21:03:53.6±0.6, 4368N, 105.19W, h0km, ML3.0, Error ellipse: s-maj=9.0km s-min=6.5km az=145.0, Suspected Mining explosion.

NEIC 75 km [45 miles] SSE of Gillette. ISC 05 21:05:53.9±0.6, 4370N, 005:10520W, 007, h0km, n22, c112/25, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RSSD Black Hills, PHWY Pilot Hill, RWWY Rawlins, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like LZH, KMI, YAK, WRAB, WMO, STKA, ZAL, MKAR, NVS, KURK, MCK, CHZK, BVAR, BRVK, INK, ARU, ARV, PPT, RES, ARCES, KIV, GNI, FINES, NVAR, QLMT, ANN, HWUT, FCC, PDAR, AKASG, AKALG, MALT, BRTR, LPAZ.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like SPN, NLY, AVA, PET, MKZ, RUS, GNL, GRL, TUMR, KMN, BZMR, KIR, KPT, ZLN, CIRR, KRKR, KLY, SRDR, BDR, SMK, SRKR, IDC, NEIC, ISC, ATKA, UNV, INK, YKA, SONM, TXAR, BVAR, ISC, YKA, SONM, TXAR, BVAR, ISC, Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like LZH, CN2, GTA, GTA, GTA, HIA, ASAJ, ULN, SONM, SONM, SONM, LSA, YSS, JIRN, GUN, DKN, KMN, GKN, KOLN, KAKA, MK31, MKAR, MKAR, ZAL, ZAL, PMG, KURK, WRA, BVAR, CHZK, BRVK, ARU, STKA, KIV, COLA, MALT, TAU, FINES, FINES, INK, INK, AKAS, BRTR, NOA, NOA, PSZ, YKA, STU, KRSC, SPN, SPN, NLY, AVA, PET, MKZ, RUS, GNL, GRL, TUMR, KMN, BZMR, KIR, KPT, ZLN, CIRR, KRKR, KLY, SRDR, BDR, SMK, SRKR, ENH, INCN, KRSR, KRSR, SRDR, CD2, CD2, JHW, CBJ, MJAR, LZH, LZH, LZH, LZH, RAO, RAO.

6d 1h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like MZ, URZ, BFZ, MRZ, KIWI, etc.

STR 05 23:06:24.0±0.5, 4745N:730E, h5km±1km, M11.6, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like MOF, HINF, ECH, etc.

KRSC 05 23:18:25.1±1.3, 5090N:16023E, h15km±15km, ML3.8, East of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like RUS, GRL, SPN, etc.

2006 DEC

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like TUMR, KMNR, ZLN, etc.

CSEM 06 00:06:13.0±0.1, 3361N:6.12W, h30km, ML3.2/4, Error ellipse: s-maj=4.0km s-min=2.0km az=94.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like WRA, ASAR, MKAR, etc.

CSEM 06 00:06:15.6±0.6, 3355N:6.03W, h30km, MD3.1 Error ellipse: s-maj=5.9km s-min=5.3km az=106.0, PRXIMO, Morocco

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like MIF, TGT, KIB, etc.

UCR 06 00:10:28.5, 870N:82.16W, h13km, MD3.9 UFA 06 00:10:30.6, 827N:82.71W, h8km, MD3.3

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like BRU, CTOR, CNI, etc.

STR 06 00:23:34.2±0.7, 4760N:758E, h5km±1km, M11.5, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like MOF, HINF, ECH, etc.

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like KUA, NIKU, LANU, etc.

CSEM 06 00:25:52.1, 6782N:2021E, h3km, ML2.7, Mining explosion. After UPP

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like KUA, NIKU, LANU, etc.

WEL 06 01:07:42.5±0.7, 3886S:17483E, h205km±11km, ML3.5/6, Error ellipse: s-maj=8.3km s-min=4.5km az=0.0, North Island

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like MRZ, KIWI, CAW, etc.

STR 06 01:12:52.1±0.2, 4757N:754E, h5km±1km, M11.6, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like BALST, BOURN, SULZ, etc.

CSEM 06 01:29:40.8±0.1, 3903N:4122E, h10km, MD3.5, Error ellipse: s-maj=1.8km s-min=1.4km az=139.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like BNGL, BATMAN, BTMT, etc.

CSEM 06:01:32:26.2.0.1, 3374N:1392W, h10km, ML2.6, Error ellipse: s-maj=8.0km s-min=3.3km az=137.0

NEIC 06:01:32:29.8.3356N:1327W, h0km, MG4.5(MDD), After MDD.

INMG 06:01:32:32.9.1.9, 3378N:1431W, h10km, ML2.6, Error ellipse: s-maj=9.2km s-min=3.3km az=133.0

MDD 06:01:32:26.4.0.8, 3384N:1429W, h0km, mb.g3.2/4, Error ellipse: s-maj=29.6km s-min=7.6km az=145.0, PRXIMO, Madeira Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations like Porto Santo, Madeira, Fuerteventura, Bajamar, Sao Teotonio, Mafra, EI Granado, Beja, Mina Concepcio, Estremoz, Espera, Badajoz, Viseu, Adamuz, Sonseca Array, Torete.

IDC 06:01:36:02.0.1.6, 2383N:12195E, h0km, mb3.8/5, mb1 3.9/5, mb1mx3.7/20, mbtmp3.8/5, MS3.0/3, Ms1 3.0/3, ms1mx2.8/32, Error ellipse: s-maj=151.0km s-min=19.3km az=64.0

ISCJB 06:01:36:07.6.1.0, 2373N:007x12178E, h0.4, h46km, km, mb3.8/6, MS3.2/2, Error ellipse: s-maj=12.4km s-min=5.1km az=37.8

NEIC 06:01:36:09.6, 2385N:12176E, h21km, mb4.2/1, ML4.8(TAP), After TAP.

NEIC Recorded [2 TAP] in Hua-lien, I-lan and Nan-tou; [1 TAP] in Chang-hua and Tai-chung Counties.

JMA 06:01:36:10.5.0.1, 2396N:12192E, h84km, km, Ms3.8

ISC 06:01:36:08.8.1.3, 2375N:008x12178E, h0.5, h39km, 13km, n25, s1507/32, mb3.8/6, MS3.2/2, 1C, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations like Ninganchiao, Yeheng, Taipei, Yonaguni jima, Iriomote-Funau, Hateruma jima, Kuro-shima, Ishigaki jima, Tarama, Miyako jima 2, Incheon, Korea Array, Baijiatou, Mudanjiang, Hailar, Songino Array, Talya, Makanchi Array, Zalesovo, Warramunga Arr, Chkalovo, Borovoye, Alice Springs, Stephens Creek.

ISCJB 06:01:40:48.8.1.1, 476N:01x1540E, h0.2, h10km, mb4.2/9, Error ellipse: s-maj=22.1km s-min=13.6km az=86.1

IDC 06:01:40:49.7.21.0, 4764N:15395E, h0km, mb3.9/5, mb1 3.9/5, mb1mx3.5/24, mbtmp3.9/5, MS3.1/1, Ms1 3.6/1, ms1mx2.8/34, Error ellipse: s-maj=47.4km s-min=65.3km az=156.0

NEIC 06:01:40:51.0.8, 4763N:15392E, h10km, mb4.4/3, Error ellipse: s-maj=16.4km s-min=10.0km az=133.0

MOS 06:01:40:54.8.2.0, 4768N:15393E, h60km, mb4.2/8, Error ellipse: s-maj=22.5km s-min=16.6km az=118.3

ISC 06:01:40:50.9.1.1, 477N:01x1539E, h0.2, h10km, n23, s0547/22, mb4.2/9, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations like Petrovsk, Yuzh-Sakhalins, Ulanbatar, Taipei, Zalesovo, Tagayay City, Makanchi Array, Kurchatov, Chkalovo, Borovoye Array, Port Moresby, FINESS Array B, Hagfors, Guysborough, Cheticamp, Saint John's, Deer Lake, Caledonia Moun, Saint George, East Machias, Grosses Roches, Fitzroy Crossi, Port Moresby, Tennant Creek, Warramunga Arr, WRA, Alice Springs, Charters Tower, Kulim, Rata Peaks, Lhassa, Raoul Island, Makanchi Array, Kurchatov, Borovoye, Cerro Adams, Cotoan, BRU, David, Changuinola, Bijaguel, Putschal, Ponta Puerca.

OTT 06:01:43:60.0.1.9, 4184N:5588W, h18km, ML2.7/4, Atlantic Offshore 560km southeast from Louisbourg, N. North Atlantic Ocean

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations like Guysborough, Cheticamp, Saint John's, Deer Lake, Caledonia Moun, Saint George, East Machias, Grosses Roches, Fitzroy Crossi, Port Moresby, Tennant Creek, Warramunga Arr, WRA, Alice Springs, Charters Tower, Kulim, Rata Peaks, Lhassa, Raoul Island, Makanchi Array, Kurchatov, Borovoye, Cerro Adams, Cotoan, BRU, David, Changuinola, Bijaguel, Putschal, Ponta Puerca.

IDC 06:01:54:22.0.2.9, 443S:13271E, h0km, mb3.2/1, mb1 3.8/4, mb1mx3.6/14, mbtmp3.6/4, ML3.8/2, MS3.5/3, Ms1 3.5/3, ms1mx2.9/16, Error ellipse: s-maj=131.1km s-min=28.0km az=79.0

ISCJB 06:01:54:24.7.0.7, 470S:005x13259E, h0.10, h35km, mb3.7/3, MS3.4/3, Error ellipse: s-maj=14.5km s-min=6.7km az=160.2

NEIC 06:01:54:26.6.0.7, 455S:13266E, h35km, mb3.9/3, Error ellipse: s-maj=17.5km s-min=9.5km az=68.0

ISC 06:01:54:26.9.0.7, 468S:005x13262E, h0.10, h35km, n14, s1914/15, mb3.7/3, MS3.4/3, Irian Jaya region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations like Fitzroy Crossi, Port Moresby, Tennant Creek, Warramunga Arr, WRA, Alice Springs, Charters Tower, Kulim, Rata Peaks, Lhassa, Raoul Island, Makanchi Array, Kurchatov, Borovoye, Cerro Adams, Cotoan, BRU, David, Changuinola, Bijaguel, Putschal, Ponta Puerca.

CASC 06:02:02:34.1.1.9, 850N:8312W, h3km, 5km, MD3.5, 2C, Costa Rica

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations like Cerro Adams, Cotoan, BRU, David, Changuinola, Bijaguel, Putschal, Ponta Puerca.

MOS 06:02:08:30.5.1.7, 5567N:11015E, h8km, mb4.2/1, Error ellipse: s-maj=23.0km s-min=13.7km az=58.3

BYKL 06:02:08:30.4.0.3, 5567N:11018E, h8km, 5km, 4C, Lake Baykal region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations like Nizh Angarsk, Cerro Adams, Cotoan, BRU, David, Changuinola, Bijaguel, Putschal, Ponta Puerca.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations like Nizh Angarsk, Kumora, Severomuryk, Suvo, Nelyaty, Tyrgan, Chita, Chara, Arshan, Arshan, Khapcheranga, Khapcheranga, Zakamensk, Mondy.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations like OGRR Ongureny, MXMB Maximikha, Bodaibo, Nelyaty, Tyrgan, Chita, Chara, Arshan, Arshan, Khapcheranga, Khapcheranga, Zakamensk, Mondy.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations like TRTB Turuntaevo, FFBF Fofonovo, CIT Chita, CRS Chara, LSTR Listvyanka, TLY Talya, TLY Talya, TUP Tupik, ARS Arshan, ARS Arshan, KPC Khapcheranga, KPC Khapcheranga, ZAK Zakamensk, MOY Mondy.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations like TRTB Turuntaevo, FFBF Fofonovo, CIT Chita, CRS Chara, LSTR Listvyanka, TLY Talya, TLY Talya, TUP Tupik, ARS Arshan, ARS Arshan, KPC Khapcheranga, KPC Khapcheranga, ZAK Zakamensk, MOY Mondy.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations like TRTB Turuntaevo, FFBF Fofonovo, CIT Chita, CRS Chara, LSTR Listvyanka, TLY Talya, TLY Talya, TUP Tupik, ARS Arshan, ARS Arshan, KPC Khapcheranga, KPC Khapcheranga, ZAK Zakamensk, MOY Mondy.

6d 4h

Table of station data for 6d 4h, including station names like BRVK, CHKZ, TIXI, etc., and their associated coordinates and parameters.

2006 DEC

Table of station data for 2006 DEC, including station names like JOF, JOF, SIM, etc., and their associated coordinates and parameters.

184

Table of station data for 184, including station names like MNXT, LTX, TXAR, etc., and their associated coordinates and parameters.

CSEM 06 03:43:46.6, 1244N-4539E, h103km, ML3.8, After DHMR
DHMR 06 03:43:46.6, 1.5, 1244N, 4530E, h11km, 15km, ML3.8, 2C-4D, Western Gulf of Aden

Table of station data for CSEM and DHMR, including station names like ADEN, ADEN, ADEN, etc., and their associated coordinates and parameters.

ISCJB 06 03:57:44.9, 1.0, 348N, 0.1-27.08E, 0.08, h102km, 27km, Error ellipse: s-maj=17.6km s-min=11.2km az=20.5

CSEM 06 03:57:45.1, 0.2, 348N, 0.1-27.14E, h71km, 8km, MD3.5, Error ellipse: s-maj=7.0km s-min=3.6km az=177.0

HLW 06 03:57:46.5, 347N, 27.11E, h18km, Mb3.4, NEIC 06 03:57:48.1, 348N, 26.89E, h42km, MD3.5(ATH), After ATH

ATH 06 03:57:49.1, 3500N, 26.82E, h51km, 6km, MD3.4/6 ISC 06 03:57:46.6, 1.0, 347N, 0.09-27.04E, 0.08, h75km, 37km, n18, c070/18, 1C, Eastern Mediterranean Sea

Table of station data for ISCJB, including station names like KARP, ARG, XRY, etc., and their associated coordinates and parameters.

IDC 06 04:25:22.9, 8.3, 3212AS, 6813W, h113km, 55km, mb3.5/2, mb1 3.6/4, mb1mx3.4/16, mbmp3.4/4, Error ellipse: s-maj=83.0km s-min=33.9km az=40.0, Chile-Bolivia border region

Table of station data for IDC, including station names like LPAZ, LPAZ, SIV, etc., and their associated coordinates and parameters.

MOS 06 04:37:26.8, 0.7, 3662N, 7075E, h259km, mb4.1/19, Error ellipse: s-maj=12.3km s-min=6.3km az=90.6

ISCJB 06 04:37:27.9, 0.3, 3665N, 0.02-7.80E, 0.05, h265km, 4km, mb3.9/25, Error ellipse: s-maj=6.3km s-min=3.5km az=153.3

BUI 06 04:37:27.1, 3653N, 7067E, h269km, mb4.6, mb4.2 NEIC 06 04:37:28.2, 1.3, 3657N, 7075E, h260km, 13km, mb4.1/8, Error ellipse: s-maj=10.1km s-min=8.0km az=212.0

IDC 06 04:37:30.9, 2.6, 3662N, 7081E, h290km, 26km, mb3.5/15, mb1 3.7/19, mb1mx3.5/26, mbmp3.5/19, Error ellipse: s-maj=12.1km s-min=10.4km az=166.0

NNC 06 04:37:33.8, 1.9, 3720N, 7075E, h243km, 15km, mb2.9, mpv4.1, Error ellipse: s-maj=19.6km s-min=13.4km az=151.0

ISC 06 04:37:28.9, 0.3, 3669N, 0.02-7.80E, 0.05, h263km, 4km, n125, c0594/148, mb3.9/25, 12C-12D, Hindu Kush region

Table of station data for ISC, including station names like CEP, CHCP, THW, etc., and their associated coordinates and parameters.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like Karagaybulak, Chumysh, Bhakra, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like NVS, NVS, HYB, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like CTA, CTA, CTA, etc.

ISCJB 06 04:52:04.8-1.7, 703S:004:14445E:006, h12km±11km, mb5.1/69, MS4.2/15, Error ellipse: s-maj=9.3km s-min=6.3km az=12.4

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

IDC 06:05:59:23.6:3.9,425N-9638E, h0km, mb3.4/4, mb1 3.6/4, mb1mx3.4/21, mbtmp3.4/4, Error ellipse: s-maj=164.8km s-min=25.4km az=61.0, Northern Sumatara

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

ISC/JB 06:06:00:14.7:0.6, 4756N-006:15617E-008, h10km, mb4.2/24, MS3.2/1, Error ellipse: s-maj=10.0km s-min=6.6km az=115.9

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

ISC/JB 06:06:17:34.9:3.0, 4724N-009:1540E-0.1, h8km=19km, mb4.4/33, Error ellipse: s-maj=19.4km s-min=7.1km az=100.6

IDC 06:07:35:0.0:0.4, 4721N-15391E, h0km, mb4.1/16, mb1 4.3/17, mb1mx4.2/25, mbttmp4.1/17, ML3.9/1, MS3.5/2, Ms1 3.5/2, ms1mx2.8/31, Error ellipse: s-maj=24.0km s-min=16.9km az=161.0

NEIC 06:06:17:37.1:4.2, 4721N-15394E, h13km=26km, mb4.6/9, Error ellipse: s-maj=19.4km s-min=9.2km az=142.0

MOS 06:06:17:39.0:1.5, 4717N-15397E, h4km=10km, mb4.6/18, Error ellipse: s-maj=11.6km s-min=7.8km az=89.5

ISC 06:06:17:40.9:2.7, 4736N-009:1540E-0.1, h34km=19km, n77, o11180, mb4.4/33, 4C-3D, Kuril Islands

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

ISC/JB 06:06:19:21.5:1.692N-10006W, h18km, MD3.8(MEX), After

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

ISC/JB 06:06:19:21.5:1.692N-10006W, h18km, MD3.8(MEX), After

MEX. MEX 06 06:19:21.4:1.0, 1691N, 1006W, h20km, 15km, MD3.8, Near coast of Guerrero

BUI 06 06:39:41.9, 4572N, 15335E, h18km, mb4.7, mb4.2

KUR Kuril'sk 4.17 258 Op Pn 06 40 41.0 -7.1

SKR Severo-Kuril's 4.72 20 ePn Pn 06 40 56.0 +0.4

ERM Erimo 8.65 244 ePn Pn 06 41 50.2 +0.7

INK Inuvik 41.87 32 eP P 06 47 33.4 +1.5

YKA Yellowknife Arr 51.10 37 P P 06 48 45.0 +0.8

ARCES ARCESS Array B 58.44 341 P P 06 49 38.1 +0.9

BRTR Keskin Array B 79.00 317 P P 06 51 45.3 +0.2

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

MOS 06 06:50:53.6:1.1, 5487N, 16138E, h38km, mb4.6/14, Error ellipse: s-maj=15.2km s-min=6.9km az=82.2

NEIC 06 06:50:56.4:0.2, 5479N, 16131E, mb4.6/8, Error ellipse: s-maj=7.4km s-min=5.1km az=137.0

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

MYK Mys Kozlova 0.06 161 Op Pn 06 51 02.7 +0.4

SKR Krestovskiy 1.72 21 ePn Pn 06 51 24.8 +1.9

MA2 Magadan 7.75 314 ePn Pn 06 52 50.7 +5.0

YAK Yakutsk 18.22 307 eP Pmax 06 55 04.4 -0.6

MAJO Matsushiro 24.24 231 eP Pmax 06 56 08.2 0.0

YKA Yellowknife Arr 41.40 44 P P 06 58 37.7 +0.2

ZAL Zaleskiy 42.78 302 LR LR 07 18 32.7

MKAR comp=Z,1.0nm,0.5s pmax pmax

KEY Kevo 51.67 342 eP P 06 59 55.8 -2.1

ARCS ARCESS Array B 52.13 342 P P 06 59 59.2 -2.2

ARCS ARCESS Array B 52.13 342 P P 06 59 59.2 -2.2

ARCS ARCESS Array B 52.13 342 P P 06 59 59.2 -2.2

ARCS ARCESS Array B 52.13 342 P P 06 59 59.2 -2.2

ARCS ARCESS Array B 52.13 342 P P 06 59 59.2 -2.2

ARCS ARCESS Array B 52.13 342 P P 06 59 59.2 -2.2

ARCS ARCESS Array B 52.13 342 P P 06 59 59.2 -2.2

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

BUI 06 06:44:31.7, 3452N, 7869E, h15km, ML3.7, Kashmir-Xizang border region

NEIC 06 07:00:41.8, 1965N, 6457W, h16km, MD3.7(RSPR), After RSPR

Table of station data for the 6d 8h period, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like WRA, STKA, etc.

Table of station data for the 2006 DEC period, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like RAO, MXZ, etc.

Table of station data for the 190 period, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like KMO, YLVR, etc.

CSEM 06 08:06:45.2, 1252N-4579E, h11km, ML3.6, After DHMR

Table of station data for the CSEM 06 08:06:45.2 event, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like ADEN, MKZ, etc.

KRSC 06 08:11:36.4:0.7, 5511N-16212E, h36km, 36km, ML4.0, Near east coast of Kamchatka Peninsula

Table of station data for the KRSC 06 08:11:36.4 event, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like MKZ, TUMR, etc.

WEL 06 08:12:05.1:0.9, 3656S-17811E, h158km, 9km, ML3.6, Error ellipse: s-maj=18.8km s-min=10.6km az=90.0, Off east coast of North Island

Table of station data for the WEL 06 08:12:05.1 event, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like MXZ, PUK, etc.

ISCJB 06 07:35:26.8:1.9, 723S-12840E, h0km, mb4.2/2, mb1 4.3/3, mb1mx3.9/13, mbtmp4.2/3, ML4.1/1, MS3.2/1, Ms1 3.2/1, ms1mx2.6/22, Error ellipse: s-maj=329.3km s-min=26.5km az=62.0, Banda Sea

Table of station data for the ISCJB 06 07:35:26.8 event, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like WRA, STKA, etc.

ISCJB 06 07:37:01.5:1.4, 4699N-15557E, h0km, mb3.7/5, mb1 4.0/5, mb1mx3.6/21, mbtmp3.7/5, Error ellipse: s-maj=53.4km s-min=30.9km az=121.0

Table of station data for the ISCJB 06 07:37:01.5 event, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like SKR, INK, etc.

ISCJB 06 07:37:05.0:1.1, 470N-02:1555E-04, h35km, mb3.7/5, Error ellipse: s-maj=45.6km s-min=24.8km az=59.3

Table of station data for the ISCJB 06 07:37:05.0 event, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like HNR, MKAR, etc.

MOS 06 07:37:05.1:0.4, 4704N-15546E, h36km, mb4.0/4, Error ellipse: s-maj=99.9km s-min=43.3km az=71.1

Table of station data for the MOS 06 07:37:05.1 event, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like WRA, STKA, etc.

ISC 06 07:37:06.8:1.1, 471N-02:1555E-04, h35km, n10, 0520/10, mb3.7/5, East of Kuril Islands

Table of station data for the ISC 06 07:37:06.8 event, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like SKR, INK, etc.

ISCJB 06 07:43:39.5:1.7, 2984S-008:1782W-04, h387km, 16km, mb3.7/2, Error ellipse: s-maj=51.9km s-min=10.6km az=14.5

Table of station data for the ISCJB 06 07:43:39.5 event, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like NIZ, etc.

ISC 06 07:43:40.6:1.9, 2995S-008:1782W-04, h373km, 16km, n17, 0578/17, mb3.6/2, Kermadec Islands

Table of station data for the ISC 06 07:43:40.6 event, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers like NIZ, etc.

SONM comp=Z,92nm,18.0s,baz=30,slow=34
Sungoro Array 141.71.288 PKP
0.4nm,0.9s,baz=122,slow=2.2,SNR=2.5

ISCJB 06 10:27:04.1_0.3,4837N,002.179W,0.02,h3km,2km, Error
ellipse: s-maj=3.3km s-min=2.2km az=42.7
LDG 06 10:27:07.8_0.1,4843N,1.98W,h3km,Md3.0/3,M13.1/49,
Error ellipse: s-maj=1.0km s-min=0.7km az=164.0
NEIC 06 10:27:07.8,4843N:1.98W,h3km,ML2.7(BGS),
ML3.1(LDG),After LDG.

CSEM 06 10:27:08.0_0.1,4842N:1.98W,h8km,ML3.1/44, Error
ellipse: s-maj=1.7km s-min=1.1km az=168.0
BGS 06 10:27:09.2_1.0,4853N:2.23W,h2km,ML2.7
ISC 06 10:27:06.4_0.3,4838N:002.190W,0.02,h12km,2km,n84,
r1518/232,France

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Rows include stations like Saint Gilles, Gorron, Jersey, etc.

Table with columns: AVF, eS, Sn, 10 28 51.8 +0.1, etc. Rows include stations like Avrill sur Loir, Avrill sur Loir, Avrill sur Loir, etc.

Table with columns: MTLF, eSg, Sg, 10 30 10.9 -1.8, etc. Rows include stations like Ste Croix, Ste Croix, Ste Croix, etc.

ISCJB 06 10:39:07.8:3.5,49S:0.1x1535E:0.1,h110km,30km,
mb4.0/11, Error ellipse: s-maj=22.8km s-min=21.0km
az=92.4

IDC 06 10:39:08.0_4.4,489S:1535E,h98km,39km,mb3.8/9,
mb1.3/11,mb1mx3.7/19,mbmp3.8/11,ML3.3/2,
Ms1.3/3.2,ms1mx2.7/23, Error ellipse: s-maj=23.3km
s-min=23.5km az=78.0

NEIC 06 10:39:08.5_1.9,488S:1535E,h106km,16km,mb4.5/3,
Error ellipse: s-maj=14.6km s-min=12.4km az=79.0
ISC 06 10:39:08.3:2.8,49S:0.1x1535E:0.1,h101km,24km,n22,
o050/20,mb4.0/11,New Ireland region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Rows include stations like Port Moresby, Charters Tower, etc.

NIED 06 10:42:00,2430N:12250E,h29km,Mw3.8 Best double
couple: M4.83000x10^14 NP1:phi=53.00000°,delta=0.00000°,
lambda=175.00000°. NP2:phi=323.00000°,delta=0.00000°,
lambda=3.00000°

IDC 06 10:42:18.8:1.2,2397N:12195E,h0km,mb3.5/4,
mb1.3/7.5,mb1mx3.5/21,mbmp3.6/5,ML3.4/1, Error
ellipse: s-maj=69.7km s-min=20.7km az=68.0

ISCJB 06 10:42:19.0_8.8,2415N:009.1237E:0.05,h35km,
mb3.4, Error ellipse: s-maj=13.6km s-min=6.4km
az=163.7

JMA 06 10:42:23.7_0.1,2430N:12248E,h57km,mb3.5
ISC 06 10:42:23.5_0.8,2418N:010.12241E:0.05,h35km,n14,
o068/21,mb3.4/4,Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Rows include stations like Yonaguni jima, IRIF, etc.

IDC 06 10:54:28.2_6.5,1547S:17364W,h46km,46km,mb3.3/4,
mb1.3/8.5,mb1mx3.5/16,mbmp3.4/5, Error ellipse:
s-maj=231.3km s-min=21.4km az=153.0,Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Rows include stations like AFI, WRA, ASAR, etc.

IDC 06 11:03:24.7:11.0,4372N:14912E,h0km,mb3.8/3,
mb1.3/8.4,mb1mx3.5/22,mbmp3.7/4,ML3.3/1, Error
ellipse: s-maj=284.7km s-min=40.7km az=165.0

JMA 06 11:03:34.5_0.2,4354N:14799E,h0km,M4.0
ISCJB 06 11:03:36.1_1.6,435N:0.1x1482E:0.1,h94km,13km,
mb3.7/3, Error ellipse: s-maj=22.5km s-min=13.1km
az=17.4

ISC 06 11:03:37.3_1.6,435N:0.1x1482E:0.1,h88km,13km,n19,
o087/29,mb3.7/3,East of Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Rows include station NEM2 Nemuro 2.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEM2, JRA, JNK, JAK, JTKR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SSF, VIS, VIKAR, MUKAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA, CFAA, ESDC, RAO, etc.

IDC 06 11:07:17.5:5.5, 4046S, 17603E, h33km, 43km, mb3.3/2, mb1 3.5/4, mb1mx3.4/12, mbtmp3.3/4, ML2.4/1, Error ellipse: s-maj=68.7km s-min=23.9km az=132.0

NIED 06 11:56:00.2890N, 1420E, h8km, Mw4.1 Best double couple: M1:39000,-115 N1:9,345,00000, 883,00000, -1,62,00000. NP2:348,00000, 829,00000, -1,165,00000.

ISCJB 06 12:06:37.9:0.2, 473N, 003:96.15E:003, h35km, mb4.9/19, MS4.8/5/8, Error ellipse: s-maj=1.5km s-min=5.2km az=124.3

ISCJB 06 11:07:18.2:0.6, 4051S, 003:176.10E:007, h66km, 5km, mb3.5/2, Error ellipse: s-maj=9.3km s-min=4.2km az=45.8

JMA 06 11:07:19.0:0.1, 4047S, 17605E, h59km, 2km, ML3.2/18, Error ellipse: s-maj=0.6km s-min=0.6km az=90.0

ISC 06 11:07:19.0:0.6, 4051S, 003:176.09E:007, h60km, 5km, n54, c082/61, mb3.4/2, 19C-6D, North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BFZ, BZJ, TIWZ, MRZ, etc.

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

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

LDG 06 11:29:46.6:0.2, 4759N, 758E, h11km, 1km, Md2.2/3, M2.1/7, Error ellipse: s-maj=3.6km s-min=2.1km az=122.0

ISCJB 06 12:05:47.8:0.6, 4306S, 008:417E:02, h10km, mb4.5/10, MS4.3/4, Error ellipse: s-maj=21.3km s-min=10.0km az=71.0

ISC 06 11:29:47.2:0.5, 4758N, 758E, h5km, 1km, M1.1, 7, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

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

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

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

W13A	Hualapai Mount	7.81 344	↑P	Pn	14 11 51.4	-1.5
LPM	Los Pinos Moun	7.83 30	↑Pn	Pn	14 11 59.8	+6.6
MURC	Murrieta	7.85 321	↑P	Pn	14 11 53.7	+0.7
WUAZ	Wupatki	7.92 360	↑Pn	Pn	14 11 52.2	-2.1
WUJAZ	Wupatki	7.92 360	↑P	Pn	14 11 54.7	+0.4
GMRC	Granite Mounta	8.08 334	↑P	Pn	14 11 53.7	-2.9
W12A	Cal Nev Ari	8.27 339	↑P	Pn	14 11 57.8	-1.4
HEC	Hector, Ludlow	8.40 331	↑P	Pn	14 12 00.1	-0.9
CIS	Catalina Islan	8.42 315	↑P	Pn	14 12 00.8	-0.5
ANMO	Albuquerque	8.45 28	↑Pn	Pn	14 12 03.3	+1.6
ANMO	Albuquerque	8.45 28	↑Pn	Pn	14 12 03.3	+1.6
ANMO	Albuquerque	8.45 28	↑Pn	Pn	14 12 03.3	+1.6
BFSO	Mount Baldy St	8.58 322	↑P	Pn	14 12 02.3	-1.1
V12A	Nelson	8.66 341	↑P	Pn	14 12 03.3	-1.2
TUQ	Turquoise Mtn.	8.76 335	↑P	Pn	14 12 05.2	-0.7
GSC	Goldstone	9.01 330	↑P	Pn	14 12 06.7	-2.6
EDW2	Edwards Air Fo	9.24 324	↑P	Pn	14 12 11.5	-1.1
SHOC	Shoshone	9.30 324	↑P	Pn	14 12 11.7	-1.7
LRMC	Laurel Mountai	9.56 327	↑P	Pn	14 12 15.7	-1.2
U10A	Ash Meadows, A	9.78 336	↑P	Pn	14 12 18.5	-1.4
MVCO	Mesa Verde	9.90 13	↑ePn	Pn	14 12 21.4	-0.1
MVCO	Mesa Verde	9.90 13	↑P	Pn	14 12 20.8	-0.7
MPMC	Manuel Prespec	9.95 330	↑P	Pn	14 12 21.5	-0.7
FURC	Furnace Creek,	10.03 334	↑P	Pn	14 12 23.4	+0.1
CCUT	Cedar City	10.09 351	↑ePn	Pn	14 12 23.8	-0.3
ISA	Isabella	10.10 325	↑P	Pn	14 12 23.9	-0.4
PKM	Peak Mountain	10.29 317	↑P	Pn	14 12 25.5	-1.4
ARUT	Antelope Range	10.34 351	↑ePn	Pn	14 12 28.5	+1.0
JCT	Junction City	10.50 71	↑ePn	Pn	14 12 31.7	+1.9
CWC	Cottonwood Cre	10.53 329	↑P	Pn	14 12 30.5	+0.4
VES	Vestal, Richgr	10.55 323	↑P	Pn	14 12 30.9	+0.4
GRAC	Grapevine Rang	10.69 333	↑P	Pn	14 12 32.9	+0.5
PV01	Paradox Valley	10.78 12	↑ePn	Pn	14 12 40.3	+6.7
MSU	Myriavale	10.93 357	↑ePn	Pn	14 12 37.4	+1.8
PV10	Paradox Valley	10.94 10	↑Pn	Pn	14 12 34.0	+0.8
RCTC	Rector, Farmer	10.99 324	↑P	Pn	14 12 37.1	+0.6
AMTX	Amarillo	11.01 46	↑ePn	Pn	14 12 38.6	+1.9
HELL	Mitchell Peak,	11.17 326	↑P	Pn	14 12 39.8	+0.9
SDCO	Great Sand Dun	11.26 24	↑Pn	Pn	14 12 42.4	+2.2
V04C	Ramage Ranch,	11.42 317	↑P	Pn	14 12 42.6	+0.2
PKD	Parkfield	11.44 319	↑P	Pn	14 12 42.0	-0.6
S08C	White Mtn Res	11.45 332	↑P	Pn	14 12 43.3	+0.6
SRU	San Rafael	11.52 3	↑ePn	Pn	14 12 45.0	+1.3
R09A	Tonopah	11.67 337	↑P	Pn	14 12 46.6	+0.8
TMUT	Trail Mountain	11.69 0	↑ePn	Pn	14 12 49.2	+3.1
T06C	Millerton Lake	11.77 325	↑P	Pn	14 12 47.7	+0.6
Q12A	Willow Creek R	11.80 347	↑P	Pn	14 12 47.3	-0.2
Q11A	Duckwater	11.80 343	↑P	Pn	14 12 48.2	+0.6
KCC	Kaiser Creek	11.85 327	↑P	Pn	14 12 48.5	+0.6
MLAC	Mammoth Lakes	11.82 330	↑P	Pn	14 12 49.1	+0.9
U04C	Hernandez Rese	11.87 320	↑P	Pn	14 12 48.9	+0.4
P12A	McCull	12.23 347	↑P	Pn	14 12 54.0	+0.6
NVAR	Mina Array Bea	12.30 333	↑Pn	Pn	14 12 54.4	0.0
R07C	Lee Vining	12.32 330	↑P	Pn	14 12 56.3	+1.6
HAST	UC Hastings Re	12.34 318	↑P	Pn	14 12 54.1	-0.8
NLU	North Lily Min	12.36 357	↑ePn	Pn	14 12 57.2	+2.0
MPU	Maple Canyon	12.41 359	↑ePn	Pn	14 12 56.5	+0.7
P11A	Circle Ranch	12.50 344	↑P	Pn	14 12 57.2	+0.1
S06C	San Francisco	12.52 327	↑P	Pn	14 12 57.5	+0.1
Q08A	Gabbs	12.53 336	↑P	Pn	14 12 57.6	+0.1
DUG	Dugway	12.65 355	↑P	Pn	14 12 58.5	-0.6
DUG	Dugway	12.65 355	↑P	Pn	14 13 00.1	+1.0
P10A	Eureka	12.75 342	↑P	Pn	14 13 01.1	+0.6
R06C	Coleville	12.86 330	↑P	Pn	14 13 03.1	+1.1
CMB	Columbia Colle	12.90 326	↑P	Pn	14 13 03.3	+0.6
NOQ	North Oquirrh	13.06 357	↑Pn	Pn	14 13 08.1	+3.3
R05C	Kirkwood Meado	13.29 329	↑P	Pn	14 13 08.5	+0.6
BGU	Big Grassy Mou	13.39 354	↑ePn	Pn	14 13 08.8	-0.4
N13A	Wendover, West	13.46 351	↑P	Pn	14 13 11.9	+1.8
O09A	Fish Creek Ran	13.46 340	↑P	Pn	14 13 10.4	+0.1
N12A	Clover Valley,	13.59 348	↑P	Pn	14 13 13.1	+1.1
WCN	Washoe City	13.64 331	↑P	Pn	14 13 13.5	+0.9
BMN	Battle Mountain	13.71 341	↑Pn	Pn	14 13 13.1	-0.6
SPUT	South Promonto	13.73 356	↑Pn	Pn	14 13 10.3	-3.6
HKT	Hockley	13.80 76	↑P	Pn	14 13 17.0	+2.1
M13A	Montello	13.95 351	↑P	Pn	14 13 17.7	+0.8
HWUT	Hardware Ranch	14.00 359	↑Pn	Pn	14 13 16.9	-0.7
P05C	Yuba Gap, Truc	14.01 329	↑P	Pn	14 13 19.6	+1.8
O07A	Toulon	14.02 335	↑P	Pn	14 13 19.2	+1.3
N08A	GE Springer Mi	14.32 339	↑P	Pn	14 13 22.1	+0.2
BEKR	Beckworth	14.36 331	↑P	Pn	14 13 25.2	+2.6
OHCN	Honcuc	14.45 327	↑Pn	Pn	14 13 25.5	+1.7
N07B	Gerlach	14.60 336	↑P	Pn	14 13 28.4	+2.6
ORV	Oroville	14.63 329	↑P	Pn	14 13 27.9	+1.6
O05C	Quincy	14.69 330	↑P	Pn	14 13 28.9	+2.0
M09A	Marrel Ranch,	14.70 342	↑P	Pn	14 13 29.3	+2.2
CBKS	Cedar Bluff	14.81 38	↑eP	Pn	14 13 29.4	+0.8
N06A	Buffalo Meadow	14.89 334	↑P	Pn	14 13 30.9	+1.2
O04C	Chester	15.05 330	↑P	Pn	14 13 33.6	+1.6

ELFS	Eagle Lake Fie	15.14 332	↑P	Pn	14 13 35.3	+2.2
AHID	Auburn Hatcher	15.16 1	↑P	Pn	14 13 36.3	+3.0
M07A	Soldier Meadow	15.21 337	↑P	Pn	14 13 34.7	+0.7
PDAR	Pinedale Array	15.22 5	↑Pn	Pn	14 13 37.2	+3.0
PDAR	Pinedale Array	15.22 5	↑Pn	Pn	14 13 37.2	+3.0
PDAR	Pinedale Array	15.22 5	↑Pn	Pn	14 13 37.2	+3.0
PDAR	Pinedale Array	15.22 5	↑Pn	Pn	14 13 37.2	+3.0
PDAR	Pinedale Array	15.22 5	↑Pn	Pn	14 13 37.2	+3.0
L09A	Wilkinson Ranc	15.31 342	↑P	Pn	14 13 36.5	+1.2
M06C	Likely Place G	15.54 333	↑P	Pn	14 13 39.9	+1.7
HATC	Hat Creek Radi	15.62 30	↑P	Pn	14 13 40.6	+1.2
L08A	Fields	15.66 340	↑P	Pn	14 13 39.7	-0.3
O02C	Red Bluff	15.74 326	↑P	Pn	14 13 43.2	+2.2
REDW	Red Top Meadow	15.76 1	↑P	Pn	14 13 44.1	+3.0
KIPM	Iron Peak	15.82 324	↑eP	Pn	14 13 42.4	+0.4
L07A	Adell	15.82 338	↑P	Pn	14 13 42.9	+0.9
TPAW	Teton Pass	15.88 1	↑eP	Pn	14 13 45.5	+2.7
WDC	Whiskeytown Da	15.93 327	↑eP	Pn	14 13 42.4	-1.1
WDC	Whiskeytown Da	15.93 327	↑P	Pn	14 13 44.0	+0.5
M05C	Lookout	15.94 332	↑P	Pn	14 13 44.3	+0.8
K09A	Rome	15.96 343	↑P	Pn	14 13 44.8	+1.0
WVOR	Wild Horse Val	15.97 340	↑ePn	Pn	14 13 43.9	-0.1
DCIDI	Drake Creek	15.98 0	↑eP	Pn	14 13 47.8	+3.7
LOHW	Long Hollow	16.01 2	↑eP	Pn	14 13 46.3	+1.8
MOD	Modoc	16.07 335	↑eP	Pn	14 13 45.7	+0.5
MOD	Modoc	16.07 335	↑P	Pn	14 13 45.9	+0.8
MOOW	Moose Ponds	16.14 2	↑eP	Pn	14 13 46.1	-0.1
HLID	Hailey	16.14 352	↑P	Pn	14 13 47.4	+1.2
K08A	Mann Creek Ran	16.20 341	↑P	Pn	14 13 46.3	-0.6
M03C	McClood	16.29 330	↑P	Pn	14 13 49.0	+1.0
L05A	Lakeview	16.39 334	↑P	Pn	14 13 52.4	+3.0
K07A	Rock Creek Ran	16.40 339	↑P	Pn	14 13 50.2	+0.7
N02C	Big Bar	16.49 326	↑P	Pn	14 13 51.6	+1.0
J09A	Fry Pan Ranch,	16.57 343	↑P	Pn	14 13 53.8	+2.2
M04C	Macdoel	16.58 331	↑P	Pn	14 13 53.1	+1.3
M02C	Callan	16.71 328	↑P	Pn	14 13 53.7	+0.3
MIAR	Mount Ida	16.72 61	↑eP	Pn	14 13 55.3	+1.8
I11A	Placerville	16.72 348	↑P	Pn	14 13 56.3	+2.8
J08A	Circle Bar Ran	16.77 342	↑P	Pn	14 13 56.0	+1.8
KSU1	Kansas State U	16.81 43	↑P	Pn	14 13 57.0	+2.3
K06A	Valley Falls	16.83 337	↑P	Pn	14 13 58.3	+3.4
YBH	Yreka Blue Hor	16.92 330	↑P	Pn	14 13 52.8	-3.2
L04A	Klamath Falls	16.92 332	↑P	Pn	14 13 56.1	0.0
K05A	Summer Lake	17.00 335	↑P	Pn	14 13 58.0	+1.0
J07A	Him	17.03 340	↑P	Pn	14 13 57.8	+0.4
YMR	Madison River	17.06 1	↑eP	Pn	14 13 59.3	+1.5
H12A	Diamond D Ranc	17.17 351	↑P	Pn	14 13 59.7	+0.5
QLMT	Earthquake Lak	17.22 360	↑eP	Pn	14 13 59.1	-0.7
K04A	Chiquin	17.22 333	↑P	Pn	14 14 00.2	+0.4
MCMT	McKenzie Canyo	17.26 356	↑eP	Pn	14 14 01.8	+1.5
H11A	Donnelly	17.50 349	↑P	Pn	14 14 04.0	+0.7
RSSD	Black Hills	17.52 18	↑eP	Pn	14 14 02.3	-1.3
G15A	Dillon	17.58 357	↑P	Pn	14 14 05.4	+1.2
G13A	Cobalt	17.64 353	↑P	Pn	14 14 05.8	+0.8
L02A	Cave Junction	17.66 329	↑P	Pn	14 14 05.9	+0.6
I07A	Ize	17.74 340	↑P	Pn	14 14 06.4	+0.1
I06A	Primeville	17.83 339	↑P	Pn	14 14 07.9	+0.5
J04A	Umqua Nationa	17.90 334	↑P	Pn	14 14 09.1	+0.9
H08A	Prairie City	17.90 343	↑P	Pn	14 14 09.0	+0.7
H07A	Lands Inn, Kim	18.22 341	↑P	Pn	14 14 13.0	+0.9
F13A	Darby	18.33 353	↑P	Pn	14 14 13.2	-0.4
I05A	Gene	18.38 337	↑P	Pn	14 14 14.3	+0.1
CMIG	Matias Romero	18.43 121	↑Pn	Pn	14 14 15.1	+0.3
H06A	Lindquist Farm	18.58 340	↑P	Pn	14 14 17.1	+0.5
H05A	Madras	18.79 338	↑P	Pn	14 14 19.4	+0.3
F09A	S2 Ranch, Elgi	18.84 346	↑P	Pn	14 14 19.3	-0.4
E15A	Deer Lodge	18.84 357	↑P	Pn	14 14 19.7	-0.1
G07A	Ruggs Ranch, H	18.87 342	↑P	Pn	14 14 19.6	-0.4
E14A	Clinton	18.88 355	↑P	Pn	14 14 20.1	-0.1
E13A	Victor	18.97 354	↑P	Pn	14 14 21.2	-0.1
HRY	Holter Researc	19.10 359	↑eP	Pn	14 14 21.5	-1.4
G06A	Carlson Farm,	19.12 340	↑P	Pn	14 14 23.4	+0.3
H11A	Bogner Ranch,	19.14 350	↑P	Pn	14 14 22.2	-1.1
E04A	Detroit Lake,	19.16 336	↑P	Pn	14 14 23.8	+0.2
MSO	Missoula	19.33 355	↑eP	Pn	14 14 25.0	-0.6
G05A	Warming	19.35 338	↑P	Pn	14 14 24.5	-1.3
CHMT	Chamberlain Mo	19.36 356	↑eP	Pn	14 14 25.5	-0.5
E10A	Myers Farm, M	19.42 348	↑P	Pn	14 14 25.0	-1.7
D15A	Lincoln	19.45 358	↑P	Pn	14 14 26.2	-0.9
LAO	LASA Array	19.50 11	↑eP	Pn	14 14 26.6	-1.0
D14A	Greenough	19.55 356	↑P	Pn	14 14 27.2	-1.1
D13A	Huson	19.64 354	↑P	Pn	14 14 28.4	+0.9
E09A	Wood Farm, Sta	19.65 346	↑P	Pn	14 14 27.0	-2.5
D11A	Klaveano Farm,	19.83 350	↑P	Pn	14 14 29.9	-1.7
OXF	Oxford	20.00 64	↑eP	Pn	14	

Table with columns for call sign, frequency, power, and status. Includes entries like KAPI Kappang, PTCN Pitcairn Islan, COCO West Island, etc.

Table with columns for call sign, frequency, power, and status. Includes entries like DL2, HYB Hyderabad, LPAZ La Paz, LSZ Lusaka, etc.

Table with columns for call sign, frequency, power, and status. Includes entries like BILL, BILL Bilibino, BILL Bill, etc.

6d 22h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FITZ, WRA, WRAB, STKA, LSA, GUN, KKN, KOLN, SONM, MKAR, KURK, CHKZ.

ISCJB 06 22:09:03.8-0.3, 3726S-006:5216E:0.09, h10km, mb4.3/27, MS4.0/10, Error ellipse: s-maj=10.7km s-min=8.2km az=133.1

IDC 06 22:09:03.7-0.6, 3722S-5214E, h0km, mb4.1/14, mb1.4/2.15, mb1mx4.1/19, mbtmp4.1/15, ML3.7/1, MS4.0/10, Ms1.4/0.10, ms1mx3.8/26, Error ellipse: s-maj=23.3km s-min=16.8km az=45.0

BUI 06 22:09:03.5, 3720S-5210E, h10km, mb4.3

NEIC 06 22:09:05.0-0.3, 3724S-5211E, h10km, mb4.6/10, Error ellipse: s-maj=10.9km s-min=7.3km az=54.0

ISC 06 22:09:07.6-2.2, 3722S-006:521E:0.1, h21km, mb2.1km, pp-P, n64, c091/51, mb4.3/27, MS4.0/10, 4C-2D, South Indian Ocean

Main table for 6d 22h section, listing station codes, names, and various parameters.

2006 DEC

Table with columns: COLA, YKA, YKA, TXAR, NVAR. Includes station names like College, Yellowknife Arr, Yellowknife Arr, Lajitas Array, Milna Array.

CSEM 06 22:10:10.9, 4340N-4583E, h125km, mb4.0, After OBN MOS 06 22:10:10.9, 1.1, 4340N-4583E, h125km, mb4.0/1, Error ellipse: s-maj=16.4km s-min=9.3km az=24.3

ISCJB 06 22:10:11.4-0.8, 4350N-005:4589E:0.04, h117km, mb7km, Error ellipse: s-maj=8.4km s-min=4.1km az=34.5

ISC 06 22:10:11.8-0.8, 4350N-005:4590E:0.04, h117km, mb7km, n35, c1908/65, 3C, Eastern Caucasus

Main table for 2006 DEC section, listing station codes, names, and various parameters.

IDC 06 22:18:09.6:1.7, 885S-10859E, h0km, mb4.1/6, mb1.4/2.6, mb1mx4.0/17, mbtmp4.1/6, Error ellipse: s-maj=85.9km s-min=20.7km az=50.0

NEIC 06 22:18:11.0-0.6, 881S-10863E, h10km, mb4.4/4, Error ellipse: s-maj=22.0km s-min=8.9km az=51.0

ISCJB 06 22:18:14.8:1.9, 89S-02:1085E:0.1, h57km, 14km, mb4.2/10, Error ellipse: s-maj=32.1km s-min=12.4km az=69.3

ISC 06 22:18:16.9:1.6, 88S-01x1086E:0.1, h52km, 13km, n20, c099/19, mb4.2/10, Jawa

Main table for 2006 DEC section, listing station codes, names, and various parameters.

210

Table with columns: TXAR, Lajitas Array, 143.50, 52, PKP, PKPdf, 22 27 45.1 -0.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JAGN, JIHN, JIHE, JIJK, JIKE, JIJA, JIJI, JIJL, JIJM, JIJN, JIJP, JIJQ, JIJR, JIJT, JIJU, JIJV, JIJW, JIJX, JIJY, JIJZ.

ISCJB 06 22:26:58.2:0.2, 4754N-001:750E:0.01, h0km, Error ellipse: s-maj=1.8km s-min=1.3km az=147.9

CSEM 06 22:27:00.7-0.0, 4758N-759E, h1km, ML2.7/20, Error ellipse: s-maj=0.9km s-min=0.6km az=170.0

LDG 06 22:27:00.8-0.0, 4759N-758E, h7km, Md2.9/3, Ml2.6/23, Error ellipse: s-maj=1.1km s-min=0.7km az=143.0

NEIC 06 22:27:00.8, 4758N-760E, h5km, ML2.3(STA), ML2.4(LDVG), ML2.6(LDG), After ZUR.

STR 06 22:27:00.9-0.2, 4758N-760E, h5km, ML2.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ZUR 06 22:27:00.9-0.1, 4759N-760E, h5km, 1km, ML2.2

LEDBW 06 22:27:00.9-0.1, 4759N-760E:0.003, h5km, ML2.4, Error ellipse: s-maj=1.0km s-min=0.8km az=125.0

BGR 06 22:27:01.1-0.2, 4759N-760E, h5km, ML2.3, Error ellipse: s-maj=2.2km s-min=2.2km az=167.0

ISC 06 22:26:59.6-0.2, 4757N-001:754E:0.01, h0km, n141, c1919/282, 28C-7D, Switzerland

Main table for 210 section, listing station codes, names, and various parameters.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like BFO Black Forest, WILA, BRANT Les Verrieres, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like TNS, SSF, ORIF, MBDF, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like HNR, PMG, CTAG, etc.

IDC 06 23:05:17.0a.1.0, 592S:15385E, h0km, mb4.0/9, mb1.4/2.10, mb1mx4.1/16, mbtmp4.1/10, ML3.7/1, MS3.7/3,

7dR 1h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like DRGR, SNX, XOR, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like ZKR, VAM, KAR, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like BFO, WILA, STU, etc.

ISCJB 07 01:10:48.4+1.0, 3479N-007:25.12E, 003, h11km, 6km, Error ellipse: s-maj=12.6km s-min=4.7km az=171.4

CSEM 07 01:50:29.1, 6718N-2064E, h0km, ML3.0, Mining explosion. After UPP

7d 4h

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, ISC, h m s ISC. Includes stations like MKAR Makanchi Array, KURK Kurchatov, YKA Yellowknife A, CHZK Chkalovo, etc.

CASC 07:42:49.2.2.6, 1049N-8627W, h0km,6km, MD3.9, ML3.3, 4C-1D, Off coast of Costa Rica

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, ISC, h m s ISC. Includes stations like SSNN San Juan del S, RIN3 Limonal, MADN Villa Maderas, etc.

ISCJB 07:04:44:54.5.0.2, 4952N-002-8147W-003, h10km, mb3.8/9, Error ellipse: s-maj=2.6km s-min=1.8km az=110.6

ICD 07:04:44:57.8.0.6, 4960N-8180W, h0km, mb3.8/8, mb1.4/1.1, mb1mx3.8/26, mbmp3.9/11, ML3.2/3, Error ellipse: s-maj=14.3km s-min=8.3km az=159.0

OTT 07:04:44:59.2.0.1, 4951N-8153W, h16km, MN4.2/17, OTT 62km northwest from Cochrane, Ontario Felt. Felt at Cochrane, Kapuskasing, Smooth Rock Falls, Iroquois Falls and Timmins, On Eastern Background Seismic Zone.

NEIC 07:04:44:59.3, 4952N-8154W, h16km, mb3.9/6, MN4.2(OTT), After OTT.

NEIC Felt at Cochrane, Iroquois Falls, Kapuskasing, Smooth Rock Falls and Timmins.

ISC 07:04:44:57.0.0.2, 4951N-001-8152W-002, h10km, n143, #158/276, mb3.8/9, 1C-2D, Ontario

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time Res, ISC, h m s ISC. Includes stations like KAPO Kapuskasing, OTRO Otter Rapids, TIMO Timmins Ontario, MALO McAlpine Lake, KILO Kirkland Lake, MSNO Moosonee Ontario, HSMO Haileybury Sch, SUNO Sudbury Onapin, VLD0 Val d'Or, PNP0 Pukaskwa Natio, EEO Eldee, GTO Geraldton.

2006 DEC

Table with columns: GTO, Station Name, Δ, AZ, Phase ID, Time Res, ISC, h m s ISC. Includes stations like GTO Geraldton, VIMO Victor Mine, NANO Nakina Ontario, TOBO Tobermory, BRUC Bruce Peninsula, LDIO Lac des Isle M, SILO Sutton Inlier, GAC Glen Almond, PKRO Pickering, ALFO Alfred, MPP0 Murphy's Point, PKLO Pickle Lake, ACTO Acton, LG40 La Grande 4, RD01 Burlington, RD02 Waterdown, MUM0 Musselwhite Mi, RD03 Mount Hope.

Table with columns: RD03, Station Name, Δ, AZ, Phase ID, Time Res, ISC, h m s ISC. Includes stations like RD03 Stoney Creek, DPO Saint Jean, DPO Saint Jean, ATKO Atikokan Iron, EYMN Ely, SOLO Sioux Lookout, DAQ Lac Daran, SQNQ Sanikilijuk, AAM Ann Arbor, NCB Newcomb, PLEI Pelee Island, ALLE Aleghy Cole, EPLO Experimental L, RLKO Red Lake, ACCN Adirondack C, BINY Binghamton, MNQ Manicouagan, LBNH Lisbon, HANV Hanover, JFWF Jewell Farm, INUQ Inukjuak, SSPA Standing Stone, ULM Lac du Bonnet, ULM Lac du Bonnet, ULM Lac du Bonnet, ULM University of, WES Weston, SCH0 Schefferville, SCH0 Schefferville, AKVO Akulik, WCI Wyandotte Cave, ELN Prospectdale, SIUC University of, TZTN Tazewell, IVKQ Ivujivik, IVKQ Ivujivik, TKL Tuckaleechee C, TKL Tuckaleechee C, VRTN Rankin Inlet, VRTN Rankin Inlet.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Ruggs Ranch, Clover Valley, Lajitas, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Buffalo Meadow, Hualapai Mount, Lajitas, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Arvin, Murrieta, Wente Brothers, etc.

MEX 07:05:23.112.0.6, 1659N, 10048W, h4km±7km, MD3.8, Near coast of Guerrero... Code Station Name A° AZ° Op Phase ID H m s ISC

s-min=4.2km az=60.0, Moment Tensor Solution. s25
Moment tensor: Scale 1017Nm; Mw:2.22; Mww:0.94;
Mw-1.29; Mw-0.12; Mw-1.08; Mw-0.05; Best double
couple: Mw:2.0000; 1017 NP1:22.0000; 847.0000;
1.92.0000; NP2:39.0000; 844.0000; 1.88.0000;
Principal axes: T 2.2200, Plg88.0000; P -2.2172, 0.0000; N
-0.0100, Plg1.0000; Azm40.0000; Azm172.0000;
Azm310.0000;

NEIC Fell at Dili.
GCMT 07 06:34:54.3:0.1, 900S:12693E, h15km, MW5.7/103,
Moment Tensor Solution. s89, c195; s103, c299;
Duration: 16.7 Moment tensor: Scale 1017Nm;
Mw:3.94; Mw:3.51; Mw:3.03; Mw:0.16; Mw:1.39; Mw:0.7;
Mw-1.31; Mw:0.32; Mw:0.32; Mw:0.32; Mw:0.32; Mw:0.32;
Mw:3.90500x1017 NP1:25.0000; 834.0000;
1.86.0000; NP2:74.0000; 856.0000; 1.93.0000;
Principal axes: T 3.6130, Plg79.0000; Azm354.0000; N
0.5780, Plg2.0000; Azm253.0000; P -4.1970,
Plg11.0000; Azm163.0000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface/mantle waves,
cutoff=50s.

ISCJB 07 06:34:55.2:0.2, 880S:003:12674E:004, h25km,
mb5.4/108, MS5.3/187 Error ellipse: s-maj=5.5km
s-min=2.8km az=122.2
MOS 07 06:34:57.1:1.3, 860S:12677E, h33km, mb5.5/52,
MS5.2/46, Error ellipse: s-maj=10.3km s-min=6.0km
az=116.4
ISC 07 06:34:57.4:0.2, 883S:003:12677E:004, h27km,
h27km, 1.9km; pP, n514, e193/303, mb5.4/108, MS5.3/187,
24C-4D, Timor region

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

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

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

Table with columns for station call letters, frequency, power, and coordinates. Includes stations like Changchun, Ermo, South Karori, and many others.

Table with columns for station call letters, frequency, power, and coordinates. Includes stations like SONGM Sogingno Array, AFM Afimalu, and many others.

Table with columns for station call letters, frequency, power, and coordinates. Includes stations like VANDA Vanda, ZAL Zalesovo, and many others.

7d 6h

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Table with columns for station name, frequency, power, and other technical details. Includes stations like SOKR Solikamsk, TNA Tin City, MAK Makhachkala, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LBTB Lobatze, BR131 Keskin Array S, SUR Sutherland, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like FUR Furstenfeldbru, PAHR Pat Rah Range, BMO Blue Mountains, etc.

Table with columns: APON, BOAB, BOACO, BROADBAN, 1.57, 5 eP, Pn, 07 34 52.7, 0.0, 07 34 60.0, -0.9, 07 35 30.6, +2.4

STR 07 07:44:11.2,0.2,4759N:758E,h5km,1km,M11.7,Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

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

LDG 07 07:44:11.1,0.1,4759N:758E,h9km,ML2.2/3,M12.2/8, Error ellipse: s-maj=2.2km s-min=1.2km az=78.0

ZUR 07 07:44:11.3,4759N:760E,h5km,1km,ML1.5,2C-1D, Switzerland

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

IDC 07 08:32:25.5,1.3,1568S:6621W,h0km,mb3.7/2,mb1.3/9.3, mb1mx3.6/17,mbtmp3.7/3,ML4.0/1,Error ellipse:

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

IDC 07 08:32:28.4,1.0,161S:02.662W,0.1,h33km,mb3.7/2, Error ellipse: s-maj=23.3km s-min=13.2km az=147.3

NEIC 07 08:32:29.9,1.0,1595S:6622W,h35km,Error ellipse: s-maj=25.0km s-min=14.2km az=161.0

NEIC Fell at Cochabamba, ISC 07 08:32:30.8,1.6,160S:02.662W,0.1,h44km,22km,n6, c110,h,mb3.7/2,Central Bolivia

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

TORD Torodi Ar. Bea 73.14 71 P 08 45 53.8 +0.9

YKA Yellowknife Ar 86.83 340 P 08 45 11.6 +0.8

IDC 07 08:53:28.9,2.1,924S:10885E,h0km,mb4.1/4,mb1.4/4, mb1mx3.9/15,mbtmp4.1/4,Error ellipse: s-maj=104.2km s-min=21.8km az=54.0

NEIC 07 08:53:30.7,1.4,912S:10900E,h10km,mb4.3/2,Error ellipse: s-maj=56.9km s-min=14.4km az=48.0

ISCJB 07 08:53:32.2,1.8,925S:1089E,0.4,h35km,mb4.1/6, Error ellipse: s-maj=70.3km s-min=17.6km az=95.9

ISC 07 08:53:34.1,1.8,915S:1089E,0.4,h35km,n8,c0553/8, mb4.1/6,South of Java

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

ISCJB 07 09:06:25.3,4.3,305S:02.1295E,0.3,h45km,4.1km, mb4.0/5,Error ellipse: s-maj=58.5km s-min=22.9km az=136.2

IDC 07 09:06:27.8,6.3,310S:12923E,h45km,59km,mb3.8/5, mb1.4/0.7,mb1mx3.9/16,mbtmp3.9/7,ML4.0/2,Error ellipse: s-maj=106.7km s-min=20.8km az=70.0

NEIC 07 09:06:28.2,4.2,304S:12941E,h5km,22km,mb4.2/3, Error ellipse: s-maj=35.9km s-min=12.9km az=68.0

ISC 07 09:06:28.7,3.2,315S:02.1294E,0.3,h57km,3.1km,n13, c0547/12,mb4.0/5,Seram

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

TORD Torodi Ar. Bea 127.39 284 PKP PKPdf 09 25 28.5 +1.6

CSEM 07 09:12:00.5,4441N:42.14E,h24km,mb4.3,After OBN MOS 07 09:12:00.5,2.7,4441N:42.14E,h24km,mb4.3/1,Error ellipse: s-maj=18.7km s-min=7.7km az=131.3,Western Caucasus

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

ARRN Ardun 1.97 127 ePn Pn 09 12 37.1 +4.8

ANN Anapa 3.39 278 ePn Pn 09 12 53.3 +1.5

ANN Anapa 3.39 278 ePn Pn 09 12 53.3 +1.5

ANN Anapa 3.39 278 ePn Pn 09 12 53.3 +1.5

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ANN Anapa 3.39 278 ePn Pn 09 12 53.3 +1.5

ANN Anapa 3.39 278 ePn Pn 09 12 53.3 +1.5

IDC 07 09:34:45.3,10.0,945S:12704E,h130km,121km,mb3.1/2, mb1.6/4,mb1mx3.4/14,mbtmp3.4/4,ML4.0/2,MS2.9/1, Ms1.2/9.1,ms1mx2.4/19,Error ellipse: s-maj=73.9km s-min=47.8km az=2.0,Timor Sea

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

STR 07 09:40:50.4,0.1,4757N:761E,h5km,1km,M11.9,Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 07 09:40:50.5,0.2,4759N:757E,h9km,ML2.4/6,Error ellipse: s-maj=3.7km s-min=2.3km az=106.0

ZUR 07 09:40:50.5,4758N:760E,h5km,1km,ML1.4,2C, Switzerland

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

IDC 07 09:44:20.9,2.4,3713S:17747E,h146km,18km,mb4.0/4, mb1.4/1.4,mb1mx3.8/12,mbtmp4.0/4,Error ellipse: s-maj=8.1km s-min=28.9km az=29.0

ISCJB 07 09:44:22.0,0.6,3746S:005:17729E,0.8,h72km,3km, mb4.3/5,Error ellipse: s-maj=10.0km s-min=8.8km az=13.2

WEL 07 09:44:22.4,0.2,3717S:17726E,h148km,2km,ML4.9/23, Error ellipse: s-maj=1.6km s-min=1.3km az=0.0

WEL Felt from Comorandell to Bay of Plenty, maximum reported intensity MM 4.

NEIC 07 09:44:22.6,3717S:17726E,h146km,mb4.5/3,After WEL

ISC 07 09:44:23.0,0.6,3746S:005:17728E,0.07,h163km,3km, n137,c153/143,mb4.3/5,6C-5D,Off east coast of North

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Pawanui, Takapari Road, Waipū Caves, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BOSA Boshof, KIMBO Kilima Mbono, MAW Mawson, etc.

NEIC 07 10:58:18.0, 2519Sx11741E, h14km, ML3.3(AUST), After AUST.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Meekatharra, Giralia, Morawa, etc.

ISC/JB 07 11:01:31.0, 1.0, 607S; 004x154.24E; 004, h55km, gkm, s-min=6.3km az=99.3

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

ISC 07 11:01:33.8-0.9, 6190S; 004x154.28E; 004, h63km, gkm, h44km; 1.4km; p-P, N, 0.0, s120/182, mb5.2/79, 7C-5M, Bougainville - Solomon Islands region

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AFI Afiamalu, KATI Karama, etc.

ISC/JB 07 11:01:33.8-0.9, 6190S; 004x154.28E; 004, h63km, gkm, h44km; 1.4km; p-P, N, 0.0, s120/182, mb5.2/79, 7C-5M, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSRK Korea Army, KSRK Korea Army, etc.

IDC 07 10:33:37.2; 1.7, 2768S; 6588E, h0km, mb3.9/5, mb1 4.1/5, mb1mx3.8/19, mbtmtpp3.9/5, MS3.6/4, Ms1 3.6/4, ms1mx3.4/23, Error ellipse: s-maj=65.8km s-min=34.3km az=16.0, Indian Ocean Triple Junction

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

7d 11h

KLR	comp=Z,92nm,1.8s,mb5.5	Pmax	Pmax				
KMI	Kunning 58.93 304	P	P	11 11 28.0	+1.6		
KMI		PP	PP	11 13 41.2	+4.0		
KMI		PPP	PP	11 15 01.6			
KMI		S	S	11 19 30.5	+2.8		
KMI		SS	SS	11 23 22.8	+0.7		
KMI		AMB	AMB				
KMI	comp=Z,46nm,1.2s,mb5.4	AMB	AMB				
KMI	comp=Z,215nm,3.7s	LR	LR				
KMI	comp=N,198nm,16.4s	LR	LR				
KMI	comp=E,377nm,19.0s	LR	LR				
KMI	comp=Z,518nm,20.8s	LR	LR				
PET	Petropavlovsk 59.01 3	eP	P	11 11 31.9	+5.0		
PET		e	S	11 13 36.8			
PET		eS	S	11 19 35.4	+6.7		
PET		Pmax	Pmax				
PET	comp=Z,100nm,19.4s	Pmax	Pmax				
CM31	comp=Z,100nm,19.1s	Pmax	Pmax				
CHG	Chiang Mai Arr 59.76 295	eP	P	11 11 33.8	+1.6		
CHG		eP	P	11 11 34.1	-3.7		
CHG		eP	P	11 11 45.5	+1.3		
CHG	Chiang Mai 59.87 296	eP	P	11 11 34.1	+1.2		
CHG		eP	P	11 11 34.1	+1.2		
CHG	comp=Z,45nm,1.2s,mb5.4	eP	P	11 11 44.4			
CHG	Chengdu 60.69 310	P	P	11 11 39.2	+0.7		
CHG		PP	PP	11 13 55.2	+2.4		
CHG		S	S	11 19 51.4	+1.0		
CHG		AMB	AMB				
CHG	comp=Z,60nm,0.6s,mb5.9	AMB	AMB				
CHG	comp=Z,240nm,4.4s	LR	LR				
CHG	comp=N,450nm,17.4s	LR	LR				
CHG	comp=E,620nm,21.6s	LR	LR				
CHG	comp=Z,650nm,21.6s	LR	LR				
HHC	Hu-ho-hao-te 60.95 324	eP	P	11 11 43.5	+3.2		
HHC		PCP	PCP	11 12 26.2	+3.1		
HHC		PP	PP	11 14 00.0	+5.0		
HHC		PCS	PCS	11 16 27.6	+1.7		
HHC		S	S	11 19 57.9	+4.2		
HHC		AMB	AMB				
HHC	comp=Z,19nm,0.6s,mb5.4	AMB	AMB				
HHC	comp=Z,192nm,6.3s	LR	LR				
HHC	comp=N,223nm,23.8s	LR	LR				
HHC	comp=E,295nm,23.8s	LR	LR				
HHC	comp=Z,383nm,17.7s	LR	LR				
DRV	Dumont d'Urville 61.28 186	P	P	11 11 39.0	-3.5		
HIA	Hailar 62.81 335	eP	P	11 11 50.7	-2.0		
HIA		eP	P	11 12 02.7	-6.9		
HIA		Pmax	Pmax				
HIA	comp=Z,29nm,1.0s	eP	P	11 11 50.7	-2.0		
HIA	Hailar 62.81 335	eP	P	11 11 50.7	-2.0		
HIA	comp=Z,29nm,1.0s,mb5.4	eP	P	11 12 02.7	-6.8		
HIA		eP	P	11 11 56.0	+0.8		
LZH	Lanzhou 63.18 316	eP	P	11 12 28.0	-4.2		
LZH		PCP	PCP	11 14 20.1	+5.4		
LZH		PP	PP	11 20 22.0	+0.2		
LZH		eS	S	11 20 59.2	+8.9		
LZH		XS	SS				
LZH		AMB	AMB				
LZH	comp=Z,44nm,1.0s,mb5.5	AMB	AMB				
LZH	comp=Z,153nm,5.0s	LR	LR				
LZH	comp=N,872nm,16.4s	LR	LR				
LZH	comp=Z,1.1um,17.6s	eLR	LR	11 31 45.8			
TAOE	Nuku Hiva Isla 65.00 97	eLR	LR	11 12 14.0	-1.0		
IMP	Imphal 66.22 300	eP	P	11 12 17.5	-3.5		
CLNS	Chul'man 67.16 343	eP	P	11 12 17.5	-3.5		
CLNS		Pmax	Pmax				
CLNS	comp=Z,19nm,1.0s,mb5.1	Pmax	Pmax				
CLNS	comp=N,9.0nm,1.2s	Pmax	Pmax				
CASY	Casey 67.23 198	eP	P	11 12 20.2	-1.2		
CIT	Chita 67.49 334	eP	P	11 12 21.7	-1.4		
CIT		Pmax	Pmax				
GTA	Gaotai 67.50 317	P	P	11 12 24.2	+0.5		
GTA		PP	PP	11 14 56.7	+3.3		
GTA		S	S	11 21 20.4	+4.6		
GTA		AMB	AMB				
GTA	comp=Z,19nm,0.9s,mb5.1	AMB	AMB				
GTA	comp=Z,224nm,7.2s	LR	LR				
GTA	comp=N,249nm,19.0s	LR	LR				
GTA	comp=E,193nm,20.5s	LR	LR				
GTA	comp=Z,239nm,20.9s	LR	LR				
ULN	Ulaanbaatar 67.87 328	eP	P	11 12 24.2	-1.2		
ULN	Ulaanbaatar 67.87 328	eP	P	11 12 24.9	-0.5		
ULN		e	P	11 12 37.8	-4.6		
ULN		eP	P	11 12 26.0	-1.5		
SONM	Songoro Array 68.20 327	P	P	11 43 48.4			
SONM	comp=Z,17nm,1.0s,mb5.1,baz=142,slow=5.0,SNR=35	LR	LR	11 43 48.4			
SHL	Shilong 68.23 300	eS	S	11 12 43.6			
RKT	Rikitea 69.93 112	eS	S	11 21 43.0	-0.4		
RKT		eLR	LR	11 34 04.5			
LSA	Lhasa 70.18 304	P	P	11 12 40.8	+1.0		
LSA		AMB	AMB				
LSA	comp=Z,40nm,0.8s,mb5.4	LR	LR				
LSA	comp=E,300nm,20.1s	LR	LR				
LSA	comp=Z,410nm,21.0s	LR	LR				
LSA	Lhasa 70.18 304	eP	P	11 12 40.5	+0.7		
LSA		eP	P	11 12 52.2			
LSA		Pmax	Pmax	11 12 39.8	-2.1		
YAK	Yakutsk 70.53 348	eP	P	11 12 45.9	-1.0		
YAK		Pmax	Pmax	11 12 59.0	-5.1		
ZAK	Zakamensk 71.36 328	eP	P	11 12 45.9	-1.0		
ZAK		eP	P	11 12 47.0	-1.1		
ZAK		Pmax	Pmax				
VNDA	Vanda 71.50 178	P	P	11 12 46.7	-1.1		
VNDA	comp=Z,234nm,18.2s,baz=357,slow=34,SNR=16	LR	LR	11 41 47.2			
VNDA	Vanda 71.50 178	eP	P	11 12 46.7	-1.1		
VNDA		Pmax	Pmax				
VNDA	comp=Z,7.0nm,0.9s	eP	P	11 12 46.7	-1.0		
VNDA	comp=Z,7.1nm,0.9s,mb4.6	e	P	11 12 58.4			
BOD	Bodaibo 71.52 339	eP	P	11 12 45.0	-2.9		
BOD		Pmax	Pmax				
TLV	Talaya 71.93 330	eP	P	11 12 50.4	+0.1		
TLV		eS	S	11 15 34.8			
TLV		eS	S	11 22 02.4	-4.2		
TLV		Pmax	Pmax				
TLV	comp=Z,16nm,1.0s,mb4.9	MLR	MLR				
TLV	comp=Z,149nm,17.0s	MLR	MLR				
TLV	Talaya 71.93 330	eP	P	11 12 49.9	-0.4		
TLV	comp=Z,17nm,1.0s,mb4.9						

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IRK	Irkutsk 71.95 330	eP	P	11 12 50.9	+0.4		
IRK		Pmax	Pmax				
BOK	Bokaro 72.96 297	eP	P	11 12 56.9	+0.4		
BOK		AMB	AMB	11 12 59.9			
VIS	Vishakhapatnam 73.89 290	eP	P	11 13 02.1	+0.1		
VIS		AMB	AMB	11 13 07.4			
GUN	Gumba 74.05 301	eP	P	11 13 02.9	0.0		
GUN	comp=Z,149nm,0.9s,mb5.9	eP	P	11 13 05.0	+0.3		
PKI	Pulchoki 74.36 301	eP	P	11 13 05.0	+0.3		
PKI	comp=Z,160nm,1.1s,mb5.8	eP	P	11 13 03.0	-2.1		
BILL	Bilibino 74.44	5jP	pP	11 13 09.8	-6.4		
BILL		e	Pmax	11 13 28.7			
BILL		Pmax	Pmax				
BILL	comp=Z,27nm,1.0s,mb5.1	MLR	MLR				
BILL	comp=Z,100nm,14.0s	MLR	MLR				
BILL	Bilibino 74.44	5	P	11 13 03.2	-2.0		
BILL	comp=Z,23nm,0.9s,mb5.1	eP	P	11 13 05.4	-0.2		
KKN	Kakani 74.53 301	eP	P	11 13 06.4	+0.2		
DMN	Daman 74.63 301	eP	P	11 13 08.7	-0.4		
GKN	Gorkha 75.13 301	eP	P	11 13 13.2	-0.7		
KOLN	Koldanda 75.96 300	eP	P	11 13 08.7	-0.7		
GKN	comp=Z,97nm,0.9s,mb5.2	eP	P	11 13 23.1	+0.9		
SVWZ	Sparrevohn 77.44	22	P	11 13 23.0	-0.6		
WMQ	Urumqi 77.69 317	P	P	11 13 56.1	+8.2		
WMQ		XP	SP	11 16 21.1	+1.7		
WMQ		PP	PP	11 18 09.8			
WMQ		S	S	11 23 06.0	-4.7		
WMQ		SKS	SKS	11 23 23.0			
WMQ		SCS	SCS	11 23 30.0	-7.0		
WMQ		XS	SS	11 23 45.5	+5.4		
WMQ		FS	SS	11 23 58.3			
WMQ		AMB	AMB	11 28 09.9	-1.6		
WMQ	comp=Z,14nm,1.4s,mb4.7	AMB	AMB				
WMQ	comp=Z,334nm,4.4s	LR	LR				
WMQ	comp=N,192nm,26.0s	LR	LR				
WMQ	comp=E,141nm,26.0s	LR	LR				
WMQ	comp=Z,252nm,25.0s	LR	LR				
HYB	Hyderabad 78.31 289	iP	P	11 13 26.5	-0.5		
HYB		eP	PCP	11 13 39.0	+2.8		
HYB	Hyderabad 78.31 289	eP	P	11 13 26.5	-0.5		
HYB		eP	P	11 13 40.9	+5.4		
TRD	Trivandrum 78.44 280	eP	P	11 13 27.1	-0.7		
TRD		AMB	AMB	11 13 44.3			
NGP	Nagpur 78.53 293	eP	P	11 13 25.6	-2.6		
NGP		AMB	AMB	11 13 28.7			
SLKM	Skilak Lake 79.21	25	eP	11 13 32.0	0.0		
LGTI	Lohaghat 79.22 301	iP	P	11 13 33.0	+0.9		
TIXI	Tiksi 79.37 352	eP	P	11 13 30.0	-2.8		
TIXI		Pmax	Pmax	11 13 43.1	-7.1		
TIXI	comp=Z,6.0						

CSEM 07 11:58:19.8.0.1, 1224N-4611E, h2km, mb4.6/4, Mw4.9, Error ellipse: s-maj=4.2km s-min=3.9km az=176.0
MOS 07 11:58:20.7.0.9, 1201N-4643E, h10km, mb4.8/4, Error ellipse: s-maj=26.7km s-min=11.4km az=75.2
BUJ 07 11:58:21.0.1, 1244N-4615E, h10km, mb5.2/4.3
IDC 07 11:58:21.2.1.2, 1201N-4638E, h0km, mb3.9/13, mb1.4/1.4, mb1mx4.0/23, mbtmp3.9/14, ML3.3/1, MS4.1/19, Ms1.4/0.19, ms1mx3.9/30, Error ellipse: s-maj=26.6km s-min=22.6km az=3.0
ISCJB 07 11:56:21.1.0.5, 1224N-005:4599E:003, h10km, mb4.2/20, MS4.1/19, Error ellipse: s-maj=7.6km s-min=4.6km az=32.2
GCMT 07 11:58:23.1.0.5, 1215N-4629E, h22km, 1km, MW4.9/5.9, Moment Tensor Solution, s21,c25; s59,91; Duration: 0 Moment tensor: Scale 1019Nm; Mr=0.20;14; Mw=0.53;12; Mw0.72;13; Mw0.70;21; Mw=2.70;11; Mw=0.54;21; Best double couple: M2:89200x10¹⁶ NP1:188.00000; s76.00000; l7.00000; NP2: 96.00000; s83.00000; l166.00000; Principal axes: T 3.0930, Pz15.0000, Azm251.0000; P -2.6920, Pz15.0000, Azm142.0000; nst1 refers to body waves, cutoff=40s, nst2 refers to surface waves, cutoff=50s.
NEIC 07 11:58:23.1.0.9, 1227N-469E, h10km, mb4.3/4 Error ellipse: s-maj=13.9km s-min=10.9km az=161.0
DHMR 07 11:58:25.6.1.1, 1259N-4588E, h14km, 7km, ML4.0
ISC 07 11:58:22.7.0.5, 1225N-005:4599E:003, h10km, n63, 1819/65, mb4.2/20, MS4.1/19, 1C-4D, Western Gulf of Aden

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	AML	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Op	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Pb	11 58 42.2	-1.3
ADEN	Aden	1.08 299	119	Sg	11 58 42.2	-1.3
ADEN	Ad					

7d 14h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like Knik Glacier, Sawmill, Sparrevohn, etc.

MAN 07 14:22:02.5, 594N-12435E, h33km, mb3.9, ML4.9, MS4.3, 2C-1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like General Santos, Cotabato-PC H, etc.

MEX 07 14:27:32.0, 0.3, 1641N-9831W, h20km, 10km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like Pinotepa, Huajuapam, Oaxaca, etc.

IDC 07 14:28:19.0-4.0, 1731S-17544E, h0km, mb3.7/2, mb1 4.2/2, mb1mx3.8/12, mbtmp3.7/2, MS3.7/15, Ms1 3.7/15, ms1mx3.6/23, Error ellipse: s-maj=240.5km s-min=36.2km az=156.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like Afiamalu, Honiara, Urewera, Rarotonga, etc.

MOS 07 14:29:32.2, 1.2, 5575N-110.12E, h17km, mb4.3/1, Error ellipse: s-maj=15.2km s-min=9.2km az=71.5

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like Nizh Angarsk, Kumora, Uoyan, etc.

2006 DEC

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

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Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like KPC, ZAK, MOY, ORL, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MGAN, XAVN, JICAR, etc.

IDC 07 14:59:23.8±5.0, 4679N:155.48E, h0km, mb3.9/6, mb1 4.1/6, mb1mx3.8/2.1, mbmtb3.9/6, Error ellipse: s-maj=139.2km s-min=30.2km az=179.0

ISCJB 07 14:59:26.3±5.8, 474N:0.1±155.5E:0.3, h7km, 38km, mb3.9/6, Error ellipse: s-maj=31.2km s-min=17.1km az=57.3

MOS 07 14:59:30.9±1.9, 4739N:155.38E, h46km, mb4.2/5, Error ellipse: s-maj=53.7km s-min=19.3km az=87.1

ISC 07 14:59:32.7±4.1, 475N:0.2±155.5E:0.2, h41km, 30km, n13, ±1514/14, mb3.9/6, East of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SKR Severo-Kuril's, PET Petropavlovsk, ZAL Zalesovo, etc.

MOS 07 15:01:16.7±1.1, 5572N:110.12E, h15km, mb4.2/1, Error ellipse: s-maj=15.6km s-min=9.4km az=74.4

BYKL 07 15:01:16.7±0.3, 5571N:110.14E, h3km, 5km, 6C-1D, Lake Baykal region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like NIZ Nizh Angarsk, YOA Uoyan, YLYR Ulyunkhan, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like BOD BOD, NLYR Nelyaty, TYRGN Tyrgan, etc.

TRTB Turuntaeva 3.79 204 ePn Pn 15 02 16.4 +0.4

FFNB Fotonovo 4.18 210 ePn Sg 15 02 21.6 +0.3

KAB Kabansk 4.21 211 eSg Sg 15 03 28.6 -3.2

CHTA Chita 4.21 150 ePn Pn 15 02 21.0 -0.8

CIT Chita 4.21 150 ePn Pn 15 02 21.0 -0.8

HRMR Khuramsha 4.51 206 ePn Pn 15 02 27.4 +1.6

CRS Chara 4.68 72 ePn Pn 15 02 41.2 +1.3

IRK Irkutsk 4.91 227 eSg Sg 15 03 28.6 0.0

LSTR Listvyanka 4.97 221 ePn Pn 15 02 32.9 +0.7

TLY Talaya 5.58 226 ePn Pn 15 02 39.0 -1.6

TUP Tupik 5.79 99 ePn Pn 15 02 42.4 -1.0

TUP Tupik 5.79 99 ePn Pn 15 02 42.4 -1.0

TUP Tupik 5.79 99 ePn Pn 15 02 42.4 -1.0

TUP Tupik 5.79 99 ePn Pn 15 02 42.4 -1.0

ARS Arshan 5.94 233 ePn Pn 15 02 45.3 -0.2

ARS Arshan 5.94 233 ePn Pn 15 02 45.3 -0.2

KPC Khapcheranga 6.17 166 ePn Pn 15 02 48.0 -0.7

ZAK Zakamensk 6.75 221 ePn Pn 15 02 57.6 +1.0

ZAK Zakamensk 6.75 221 ePn Pn 15 02 57.6 +1.0

ZAK Zakamensk 6.75 221 ePn Pn 15 02 57.6 +1.0

ZAK Zakamensk 6.75 221 ePn Pn 15 02 57.6 +1.0

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ZAK Zakamensk 6.75 221 ePn Pn 15 02 57.6 +1.0

ZAK Zakamensk 6.75 221 ePn Pn 15 02 57.6 +1.0

ZAK Zakamensk 6.75 221 ePn Pn 15 02 57.6 +1.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ORL, TDJR, etc.

ISCJB 07 16:03:41.5±0.8, 470N:0.1±155.5E:0.1, h10km, mb4.0/17, Error ellipse: s-maj=19.9km s-min=9.3km az=111.1

IDC 07 16:03:42.0±1.2, 4699N:155.72E, h0km, mb3.9/12, mb1 4.0/14, mb1mx3.9/2.6, mbmtb3.9/14, ML3.4/2, Error ellipse: s-maj=30.3km s-min=18.7km az=149.0

NEIC 07 16:03:43.5±0.8, 4706N:155.61E, h10km, mb4.4/5, Error ellipse: s-maj=19.7km s-min=10.2km az=143.0

MOS 07 16:03:45.8±1.2, 4701N:155.39E, h39km, mb4.6/4, Error ellipse: s-maj=16.4km s-min=13.2km az=97.4

ISC 07 16:03:43.3±0.8, 471N:0.1±155.6E:0.1, h10km, n34, ±1504/35, mb4.0/17, East of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SKR Severo-Kuril's, PET Petropavlovsk, ZAL Zalesovo, etc.

STR 07 16:45:49.6±0.8, 4757N:75.9E, h5km, 1km, M11.8, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 07 16:45:49.9±0.2, 4759N:75.9E, h8km, Md1.9/3, M12.1/5, Error ellipse: s-maj=3.5km s-min=2.3km az=101.0

ZUR 07 16:45:49.8, 4758N:76.0E, h5km, 1km, M1.1, 2C-1D, Switzerland

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like BALST Balsthal, BOURR Bourrinon, SULZ Sulz-Oheisache, etc.

NIED 07 16:59:00.2710N:126.60E, h8km, Mw3.7 Best double couple: M4.58000±1014 NP1±359.00000°, 876.00000°, λ-148.00000°. NP2±260.00000°, 859.00000°, λ-17.00000°.

JMA 07 16:59:30.1±0.2, 2706N:126.60E, h12km, 3km, M3.5, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like JAGN Aguni-jima, JKE Kume jima 2, etc.

NEIC 07 17:12:58.7, 4108S:172.72E, h5km, ML3.8(WEL), After WEL.

NEIC 07 17:12:58.4±0.2, 4106S:172.74E, h5km, ML3.7/35, 2D, WEL Fell at Nelson.

Error ellipse: s-maj=2.0km s-min=1.8km az=90.0, South Island

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like Quartz Range, Nelson, Tophouse, etc.

ATH 07 17:16:16.0, 3511N-2887E, h30km, 7km, MD3.6/8

NEIC 07 17:16:16.0, 3511N-2887E, h30km, MD3.6(ATH), After ATH.

ISCJB 07 17:16:2.0, 3.3502N-004.2891E, 004, h8km, 21km, Error ellipse: s-maj=7.3km s-min=4.7km az=23.3

CSEM 07 17:16:16.0, 2.3510N-2894E, h20km, MD3.6, Error ellipse: s-maj=4.2km s-min=2.3km az=141.0

HLW 07 17:16:19.2, 3462N-2892E, h33km, Mb3.5

THE 07 17:16:19.3, 3452N-2892E, h29km, Mb3.5

ISC 07 17:16:17.8, 3.3503N-004.2891E, 004, h54km, 42km, n38, 0573/47, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Arkhangelos, Karpathos, Fethiye, etc.

NEIC 07 17:25:44.9, 1063N-8502W, h21km, MD4.2(CASC), ML3.7(UCR), After CASC.

NEIC Felt at Bijagua, Guatemala and Tilaran.

CASC 07 17:25:45.0, 2.0, 1058N-8500W, h6km, 5km, MD3.6, ML3.3, 8C-7D, Fault plane solution: NP1, 0.75, 0.00000, 890.00000, 115.00000, Costa Rica

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Limonal, Fortuna, Jicaral, etc.

Table with columns: QCR, Quepos, BUS, Buena Vista, etc. Lists stations and their coordinates.

ISCJB 07 17:26:30.0, 0.4, 4754N-002.757E, 003, h12km, 4km, Error ellipse: s-maj=4.0km s-min=3.2km az=88.6

VIE 07 17:26:29.9, 1.1, 4762N-755E, h8km, ML2.5/1, Error ellipse: s-maj=12.4km s-min=5.8km az=18.0 8 km SE of Sierentz

STR 07 17:26:31.7, 0.2, 4758N-762E, h5km, 1km, M1.2, 1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ZUR 07 17:26:32.1, 4758N-760E, h5km, 1km, ML1.7, LDG 07 17:26:32.0, 4.1, 4758N-756E, h10km, Md2, 1/3, Md2.4/1/3, Error ellipse: s-maj=1.4km s-min=1.1km az=148.0

ISC 07 17:26:30.8, 0.4, 4756N-002.760E, 003, h18km, 5km, n28, 0114/43, 3C-3D, Switzerland

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Balsthal, Bourrignon, Sulz, etc.

CASC 07 18:07:57.8, 2.2, 1060N-8502W, h6km, 4km, MD3.5, ML2.9, 7C-3D, Costa Rica

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Limonal, JuntasAbangare, Volcan Arenal, etc.

CASC 07 17:48:05.0, 2.4, 1059N-8502W, h6km, 5km, MD3.6, ML3.1, 8C-1D, Costa Rica

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Limonal, JuntasAbangare, Volcan Arenal, etc.

ISCJB 07 18:30:21.3, 1.4, 124N-007.1277E, 01, h209km, 15km, mb4, 3/18, Error ellipse: s-maj=21.1km s-min=8.2km

IDC 07 18:30:21.6, 5.3, 127N-12767E, h198km, 53km, mb3, 9/10, mb1, 4/0/11, mb1mx3, 7/19, mbtmp3, 8/11, Error ellipse: s-maj=27.3km s-min=13.0km az=72.0

NEIC 07 18:30:23.1, 2.0, 124N-12773E, h215km, 20km, mb4, 7/7, Error ellipse: s-maj=14.3km s-min=7.1km az=66.0

ISC 07 18:30:21.9, 1.4, 124N-006.1277E, 01, h198km, 14km, n33, 0574/31, mb4, 3/18, 2D, Halmaera

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Molkenrain, Hinterfeld, Volcan Arenal, etc.

Table with columns: ECH, Champ du Feu, HAU, Haudrompre, CABF, La Chapelle, LOR, Lormes, SSF, Saint Saugel, etc. Lists stations and their coordinates.

NEIC 07 17:52:08.1, 1940N-6428W, h46km, MD3.6(RSPR), After RSPR.

RSPR 07 17:52:08.1, 1940N-6428W, h46km, 18km, MD3.6/8, MD3.6/8, 10C, Virgin Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like St. Croix, San Juan, Cerro la Pandu, etc.

CASC 07 18:07:57.8, 2.2, 1060N-8502W, h6km, 4km, MD3.5, ML2.9, 7C-3D, Costa Rica

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Limonal, JuntasAbangare, Volcan Arenal, etc.

STR 07 18:20:46.2, 0.7, 4756N-755E, h5km, 1km, M1.1, 6, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 07 18:20:46.0, 0.2, 4760N-759E, h8km, Md1, 8/2, M1.1, 9/3, Error ellipse: s-maj=4.1km s-min=2.8km az=99.0, Switzerland

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Molkenrain, Hinterfeld, Volcan Arenal, etc.

ISCJB 07 18:30:21.3, 1.4, 124N-007.1277E, 01, h209km, 15km, mb4, 3/18, Error ellipse: s-maj=21.1km s-min=8.2km

IDC 07 18:30:21.6, 5.3, 127N-12767E, h198km, 53km, mb3, 9/10, mb1, 4/0/11, mb1mx3, 7/19, mbtmp3, 8/11, Error ellipse: s-maj=27.3km s-min=13.0km az=72.0

NEIC 07 18:30:23.1, 2.0, 124N-12773E, h215km, 20km, mb4, 7/7, Error ellipse: s-maj=14.3km s-min=7.1km az=66.0

ISC 07 18:30:21.9, 1.4, 124N-006.1277E, 01, h198km, 14km, n33, 0574/31, mb4, 3/18, 2D, Halmaera

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Mati, Kaka, Kuching, etc.

7d 19h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MA2 Magadan, MA2 comp=Z,300nm,1.2s, MA2 comp=N,200nm,1.3s, etc.

2006 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like DL2 comp=Z,540nm,0.9s,mb6.1, DL2 comp=Z,10um,6.4s, DL2 comp=N,17um,15.5s,MS5.8, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like IMA2 Indian Mountain, KDAK Kodiak Island, KDAK comp=Z,582nm,0.9s,mb6.5, etc.

7d 19h

2006 DEC

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BLA Blacksborg, MMK Matmark, ULC Uclinj, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like GOGA Godfrey, RGNG Rignano G, FIN Finale L, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MTLF Montleieu, PLIG Pignatelli, GVD Gavdhos, etc.

7d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MS1 Monte Sant'Ang, PRK Parasevki, APE Apeiranthos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like STR 07:20:17:25.9,0.8, 4757N:758E, etc.

2006 DEC

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like mb3.9/9, Error ellipse: s-maj=95.9km, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PMG Port Moresby, PMG Port Moresby, etc.

Bottom section containing various codes and station names like IDC 07:20:42:27.1, 3.1, 4587N:154.15E, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MDJ, BNM, LPM, LTX, TXAR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like VNA2, VNA1, VNA1, VNA1, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MORA, BZK, WERD, TANN, etc.

Table with columns: Code, Station Name, Az, El, Op, P, Time Res, h, m, s, ISC. Includes stations like Qiongzhong, MAJOW, MAJOW, etc.

Table with columns: Code, Station Name, Az, El, Op, P, Time Res, h, m, s, ISC. Includes stations like TRQA, TRQA, CFAA, etc.

ISC 07 23:51:40.6±0.7, 4201S, 7431W, h0km, mb4.1/10, mb1.4/3.1, mb1mx4.1/16, mbtmp4.1/11, ML4.8/1, MS3.2/2, Ms1.3/2.2, ms1mx3.1/16, Error ellipse: s-maj=35.7km s-min=16.1km az=84.0

Table with columns: Code, Station Name, Az, El, Op, P, Time Res, h, m, s, ISC. Includes stations like QSPA, RCBR, SDV, etc.

ISC 07 23:55:00.7±0.4, 4724N, 15385E, h0km, mb3.9/11, mb1.4/0.11, mb1mx3.8/24, mbtmp3.9/11, MS4.0/2, Ms1.3/9.2, ms1mx3.1/40, Error ellipse: s-maj=85.7km s-min=26.5km az=163.0

ISC 07 23:55:02.0±0.4, 475N, 15385E, h0km, mb2.7km, s=116, MS4.0/2, Error ellipse: s-maj=30.6km s-min=12.6km az=100.7

NEIC 07 23:55:03.3±1.1, 4742N, 15366E, h7km, 19km, mb4.3/6, Error ellipse: s-maj=16.5km s-min=7.3km az=140.0

MOS 07 23:55:07.1±1.3, 4749N, 15371E, h54km, mb4.4/11, Error ellipse: s-maj=18.6km s-min=9.5km az=94.3

ISC 07 23:55:05.0±0.3, 474N, 15372E, h23km, n39, s=64, MS4.0/16, MS4.0/2, 2D, Kuril Islands

Table with columns: Code, Station Name, Az, El, Op, P, Time Res, h, m, s, ISC. Includes stations like SKR, PET, MAJOW, etc.

NEIC 08 00:06:58.3±0.3, 4659N, 15557E, h10km, mb4.4/13, Error ellipse: s-maj=9.9km s-min=6.8km az=164.0

Table with columns: Code, Station Name, Az, El, Op, P, Time Res, h, m, s, ISC. Includes stations like SKR, ASAJ, ERM, etc.

Table with columns: CDF, Station Name, Time, Res, Pn, S, Sn, Error. Includes stations like Champ du Feu, Bannalp, Wila, Haudompres, etc.

ISCJB 08 01:49:28.9.0.3, 4759N.002.752E.003, h10km, Error ellipse: s-maj=2.8km s-min=2.3km az=91.3

Table with columns: Code, Station Name, Time, Res, Pn, S, Sn, Error. Includes stations like Basel-Blauen, Balsthal, Bourrnig, Sulz, etc.

Table with columns: DAVA, Station Name, Time, Res, Pn, S, Sn, Error. Includes stations like Damuels, DAVA, SFTF, etc.

LDG 08 01:49:53.8.0.1, 4759N.759E, h10km, Md2 1/1, M12.4/13, Error ellipse: s-maj=1.8km s-min=1.3km az=96.0

Table with columns: Code, Station Name, Time, Res, Pn, S, Sn, Error. Includes stations like Molkenrain, Hinteralfeld, LOMF, etc.

BGS 08 01:59:26.6, 3976N.5338E, h45km, mb5.2, CSEM 08 01:59:27.3.0.1, 4052N.5305E, h20km, mb4.9/8/1, Error ellipse: s-maj=2.3km s-min=1.4km az=162.0

NEIC 08 01:59:31.0.0.7, 4027N.5304E, h45km, mb4.8/8/0, Error ellipse: s-maj=5.4km s-min=3.0km az=169.0

Table with columns: Code, Station Name, Time, Res, Pn, S, Sn, Error. Includes stations like Marveh tapeh, Germi, GRMI, etc.

Table with columns: DGRG, Station Name, Time, Res, Pn, S, Sn, Error. Includes stations like David-gareji, ASAO, GNI, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like Mount Meron Ar, MMAL, KONT, AAK, AAK, AAK, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BURAR, LOS, APE, APE, APE, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like FINES, FINES, FINES, KAF, VRAC, VRAC, etc.

CD2	S	S	02 48 38.0	-0.5	
CD2	XS	SS	02 48 45.4	+6.9	
CD2	SS	SS	02 51 37.7	-5.4	
CD2	AMB	AMB			
comp=Z,20nm,0.5s,mb5.1					
CD2	AMB	AMB			
comp=Z,50nm,4.5s					
CD2	LR	LR			
comp=N,170nm,10.8s,MS4.4					
CD2	LR	LR			
comp=E,270nm,13.2s,MS4.4					
CD2	LR	LR			
comp=Z,170nm,9.6s					
INK	41.76	32	P	P	02 42 23.3 +0.6
Inuvik	comp=Z,6.7nm,0.9s,mb4.3,baz=290,slow=6.5,SNR=32				
INK	41.76	32	P	P	02 42 23.3 +0.6
INK					
comp=Z,7.0nm,1.0s					
INK	41.76	32	eP	P	02 42 23.3 +0.6
Inuvik	comp=Z,288nm,1.0s,mb5.0				
INK	41.76	32	P	P	02 42 23.3 +0.6
Guinyang					
GYA	42.34	259	j/P	P	02 42 27.6 +0.2
GYA					
GYA					
GYA					
GYA					
GYA					
GYA					
comp=Z,20nm,1.0s,mb4.8					
GYA	AMB	AMB			
comp=Z,110nm,4.9s					
GYA	LR	LR			
comp=N,490nm,15.6s,MS4.6					
GYA	LR	LR			
comp=E,470nm,15.8s,MS4.6					
GYA	LR	LR			
comp=Z,510nm,16.0s,MS4.5					
ZAL	43.60	307	P	P	02 42 36.6 -1.1
Zalesovo	43.60	307	P	P	02 42 36.6 -1.1
comp=Z,3.2nm,0.5s,mb4.3,baz=36,slow=7.9,SNR=10.0					
ZAL	LR	LR			03 03 17.4
ZAL	43.60	307	P	P	02 42 36.6 -1.1
Zalesovo					
comp=Z,3.0nm,0.5s					
ZAL	MLR	MLR			
comp=Z,218nm,20.0s					
NVS	44.17	308	i/P	P	02 42 41.1 -1.1
Novosibirsk					
NVS	comp=N,8.0nm,1.9s				
NVS	comp=E,11nm,1.9s				
NVS	comp=Z,14nm,1.9s,mb4.4				
WMQ	45.86	292	eP	P	02 44 58.2 +2.5
WMQ					
WMQ					
WMQ					
WMQ					
WMQ					
WMQ					
comp=Z,9.0nm,1.0s,mb4.8					
WMQ	AMB	AMB			
comp=Z,159nm,4.0s					
WMQ	LR	LR			
comp=N,109nm,18.0s,MS4.0					
WMQ	LR	LR			
comp=E,86nm,17.0s,MS4.0					
WMQ	LR	LR			
comp=Z,115nm,18.0s,MS3.9					
KMI	45.89	261	P	P	02 42 57.8 +1.9
Kunming					
KMI	AMB	AMB			
comp=Z,11nm,0.7s,mb5.0					
MK31	47.90	298	eP	P	02 43 11.1 -0.6
Makanchi Array					
MKAR	47.90	298	P	P	02 43 11.4 -0.3
Makanchi Array					
comp=Z,6.5nm,0.6s,mb4.9,baz=65,slow=8.0,SNR=39					
MKAR	LR	LR			03 05 18.5
comp=Z,245nm,18.8s,MS4.2,baz=185,slow=38					
MKAR	LR	LR			
MKAR	47.90	298	P	P	02 43 11.4 -0.3
Makanchi Array					
comp=Z,7.0nm,0.6s					
MKAR	MLR	MLR			
comp=Z,245nm,18.8s					
KURK	48.34	304	j/P	P	02 43 13.9 -1.1
Kurchatov					
KURK	48.34	304	eP	P	02 43 13.9 -1.1
Kurchatov					
comp=Z,13nm,0.6s,mb5.2					
YKA	50.96	37	P	P	02 43 34.9 -0.1
Yellowknife Ar					
comp=Z,4.0nm,0.8s,mb4.4,baz=295,slow=7.2,SNR=28					
YKA	PcP	PcP			02 44 49.2 -2.1
comp=Z,1.5nm,0.8s,baz=297,slow=3.4,SNR=7.3					
YKA	50.96	37	P	P	02 43 34.9 -0.1
Yellowknife Ar					
YKA					
comp=Z,4.0nm,0.9s					
LSA	51.08	274	P	P	02 43 40.4 +4.5
Lhasa					
RES	51.17	19	eP	P	02 43 37.1 +0.5
Resolute Bay					
comp=Z,278nm,0.7s					
CHKZ	51.41	311	P	P	02 43 37.3 -1.1
Chkalovo					
CHKZ					
comp=Z,9.0nm,0.6s,mb4.9					
CHKZ	51.41	311	eP	P	02 43 37.0 -1.4
Chkalovo					
comp=Z,23nm,0.7s,mb5.2					
BVA0	51.84	310	i/P	P	02 43 41.2 -0.4
Borovoye Array					
BVA0					
comp=Z,10.0nm,0.9s,mb4.8					
BVAR	51.84	310	P	P	02 43 41.4 -0.2
Borovoye Array					
comp=Z,6.0nm,0.5s,mb4.8,baz=44,slow=6.8,SNR=34					
BVAR	PP	PP			02 45 37.0 -2.3
comp=Z,1.8nm,0.6s,baz=57,slow=9.0,SNR=3.8					
BVAR	LR	LR			03 08 28.8
comp=Z,170nm,18.8s,MS4.1,baz=311,slow=39					
BVAR	P	P			02 43 41.4 -0.2
Borovoye Array					
BVAR					
comp=Z,6.0nm,0.5s					
BVAR	MLR	MLR			
comp=Z,2.0nm,0.6s					
BVAR	MLR	MLR			
comp=Z,179nm,18.8s					
BRVK	51.88	310	eP	P	02 43 41.5 -0.4
Borovoye					
BRVK					
comp=Z,13nm,0.6s,mb5.0					
BRVK	51.88	310	eP	P	02 43 41.5 -0.4
Borovoye					
comp=Z,13nm,0.6s,mb5.0					
CHTO	52.73	258	eP	P	02 43 49.5 +1.3
Chiang Mai					
CHTO					
comp=Z,7.0nm,0.9s,mb4.6					
CHTO	52.73	258	eP	P	02 43 49.5 +1.2
Chiang Mai					
comp=Z,6.7nm,0.9s,mb4.6					
C04A	53.93	56	P	P	02 43 56.1 -1.0
Brimmon					
TKM2	53.95	297	P	P	02 43 58.1 +0.9
Tokmak 2					
TKM2					
comp=Z,7.0nm,1.0s,mb4.7					
B05A	54.14	55	j/P	P	02 43 58.2 -0.4
Bryant					
B06A	54.36	54	j/P	P	02 43 59.8 -0.4
Marblemount					
A07A	54.70	53	j/P	P	02 44 01.3 -1.3
Ashnola River,					
D05A	54.77	56	j/P	P	02 44 02.8 -0.4
Enumclaw					
AAK	54.79	297	eP	P	02 44 04.0 +0.7
Ala-Archa					
AAK					
comp=Z,9.0nm,0.7s,mb4.9					
AAK	54.79	297	eP	P	02 44 03.4 +0.1
Ala-Archa					
comp=Z,9.3nm,0.8s,mb4.9					
B07A	55.16	54	j/P	P	02 44 04.7 -1.3
Winthrop					
B04A	55.20	58	j/P	P	02 44 04.7 -1.5
Amboy					
A08A	55.37	53	j/P	P	02 44 06.5 -1.0
Turner Farm, O					
D06A	55.43	56	j/P	P	02 44 07.6 -0.4
Cle Elum					
C07A	55.61	55	j/P	P	02 44 08.2 -1.0
Waterville					
B08A	55.66	54	j/P	P	02 44 08.9 -0.7
Colville Reser					
A09A	55.74	53	j/P	P	02 44 10.3 +0.2
Danville					
I03A	55.76	60	j/P	P	02 44 10.3 0.0
Eugene					
JIRN	55.76	276	eP	P	02 44 11.9 +1.6
Jiri					
comp=Z,64nm,0.7s,mb5.8					
GUN	55.82	276	eP	P	02 44 12.0 +1.3
Gumba					
comp=Z,19nm,0.5s,mb5.4					
J02A	55.91	61	j/P	P	02 44 11.5 +0.1
Umpqua					

D07A	55.93	55	j/P	P	02 44 10.2 -1.3
Quincy					
baz=56					
ARU	55.98	318	eP	P	02 44 11.5 -0.4
Arti					
ARU	55.98	318	eP	P	02 44 11.5 -0.4
Arti					
H04A	56.02	59	j/P	P	02 44 12.2 0.0
Detroit Lake					
C08A	56.13	54	j/P	P	02 44 11.4 -1.6
Higginbotham F					
baz=56					
EDM	56.19	46	eP	P	02 44 13.0 -0.4
Edmonton					
G05A	56.22	58	j/P	P	02 44 13.0 -0.6
Wamic					
baz=56					
J03A	56.28	60	j/P	P	02 44 14.1 +0.1
Ideylid Park					
baz=56					
B09A	56.28	53	j/P	P	02 44 13.3 -0.7
Rice					
K02A	56.30	61	j/P	P	02 44 13.4 -0.8
Glendale					
baz=56					
KKN	56.31	276	eP	P	02 44 15.8 +1.6
Kakani					
comp=Z,33nm,0.6s,mb5.6					
E07A	56.34	56	j/P	P	02 44 13.9 -0.6
Sunnyside					
baz=56					
PKI	56.36	276	eP	P	02 44 15.7 +1.1
Pulchoki					
I04A	56.38	60	eP	P	02 44 15.5 +0.8
Tendick Farm,					
baz=56,SNR=5.3					
DMN	56.54	276	eP	P	02 44 17.6 +1.7
Daman					
comp=Z,54nm,0.8s,mb5.6					
C09A	56.55	54	j/P	P	02 44 15.9 -0.1
Chrisman Ranch					
baz=56					
D08A	56.60	55	j/P	P	02 44 15.1 -1.3
Wollman Farm,					
baz=56					
H05A	56.61	58	j/P	P	02 44 16.7 +0.3
Madras					
baz=56					
GKN	56.62	277	eP	P	02 44 17.8 +1.3
Gorkha					
comp=Z,53nm,0.6s,mb5.7					
G06A	56.63	57	j/P	P	02 44 16.2 -0.3
Carlson Farm,					
baz=56					
F07A	56.67	56	j/P	P	02 44 16.8 0.0
Phinny Hill Vi					
E08A	56.84	55	j/P	P	02 44 17.1 -1.0
Dider Farm, El					
baz=57					
I05A	56.85	59	j/P	P	02 44 17.9 -0.3
Bend					
baz=57					
NEW	56.94	53	P	P	02 44 16.6 -2.2
Newport					
comp=Z,4.3nm,0.9s,mb4.5,baz=284,slow=6.0,SNR=5.2					
NEW					
comp=Z,1.2nm,0.7s,baz=310,slow=4.0,SNR=3.9					
NEW	56.94	53	eP	P	02 44 17.4 -1.3
Newport					
NEW					
comp=Z,4.0nm,1.0s					
NEW	56.94	53	eP	P	02 44 17.4 -1.3
Newport					
comp=Z,4.4nm,1.0s,mb4.4					
D09A	56.95	55	j/P	P	02 44 18.1 -0.7
Jones Farm, Ri					
baz=57					
A11A	56.97	52	j/P	P	02 44 18.8 -0.1
Hall Mountain,					
baz=57					
H06A	57.08	58	j/P	P	02 44 19.5 -0.3
Lindquist Farm					
baz=57					
G07A	57.17	57	j/P	P	

Table with columns: Station Name, Frequency, Power, SNR, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Freiburg im Br, Hinterfeld, Lomont, Schleithem, Echery, etc.

Table with columns: Station Name, Frequency, Power, SNR, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Ueberruh, Refroy, Sixfontaines, Maizieres J'vi, Heidenheim-Cha, etc.

Table with columns: Station Name, Frequency, Power, SNR, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like TCF, MOX, NKCC, GUNZ, TANN, GEC2, KHC, LMR, LASF, STE CROIX, etc.

ISCJB 08:03:24.01.3:0.2, 4756N:001:754E:001, h0km, Error ellipse: s-maj=1.8km s-min=1.3km az=151.5, NEIC 08:03:24.03.4, 4758N:761E, h5km, ML2.3(ZUR), ML2.5(LEDWB), ML2.5(LEDWB), ML2.4(SZGRF), ML2.7(LDG), After STR.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WEIL, WYH, BBS, ENDD, BALST, BOURR, BREM, SULZ, MOF, KIZ, GIVF, GRFO, GRF, BAIF, HYF, BGF, VIVF, WET, TCF, etc.

Table with columns: CDF, Champ du Feu, 0.86 347, ePn, Pn, 03 24 20.2 -1.7, SOTA, Sankt Quirin, 2.50 97, l/Pg, Pg, 03 24 49.3 -1.2, SOR, comp=E,1.3nm,0.7s, e, Pn, 03 38 04.0 -0.1

Table with columns: SOTA, Sankt Quirin, 2.50 97, l/Pg, Pg, 03 24 49.3 -1.2, SOR, comp=E,1.3nm,0.7s, e, Pn, 03 38 04.0 -0.1

Table with columns: SOR, comp=E,1.3nm,0.7s, e, Pn, 03 38 04.0 -0.1, MGJV Manicaragua, 14.43 62, eP, Pn, 03 38 23.8 +3.7

NIED 08 03:39:00, 4420N:14670E, h107km, Mw4.2 Best double couple: M2:0500x10^15 N1:0200,00000, 384.00000, P:178.00000, NP2:0682.00000, delta:13.00000, lambda:151.00000, BJJ 08 03:39:25.0, 4450N:14655E, h125km, mb4.7, MOS 08 03:39:25.0, 1.2, 4439N:14655E, h122km, mb4.2/32, Error ellipse: s-maj=9.6km s-min=8.1km az=65.2

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, YUK Yuzh-Kuril'sk, 0.63 238, Op, ISC, h, m, s, ISC, Pn, 03 39 45.3 -0.2

Table of radio stations with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details.

Table of radio stations with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details.

Table of radio stations with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details.

8d 9h

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like Wollman Farm, Chrisman Ranch, Summer Lake, etc.

2026 DEC

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like Diamond D Ranch, Mina Array Bea, Fish Creek Ranch, etc.

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Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like SNAA Sanae, SNAA Torodi Ar, LPAZ La Paz, etc.

MOS 09:35:02.7-0.9, 5569K, 11022E, h5km, mb4, 3/1, Error ellipse: s-maj=16.2km s-min=10.0km az=67.9

BYKL 08:09:35:04.0-0.3, 5568N, 11019E, h4km, 5km, 7C-1D, Lake

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like NIZ Nizh Angarsk, KMO Kumora, YOA Uoyan, etc.

8d 15h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PCED, CALA, HOR, PICO, ROSA.

IDC 08 13:08:42.4±0.3, 673S, 15083E, h84km, 59km, mb3.6/3, mb1 3.7/4, mb1mx3.4/14, mbtmp3.6/4, ML2.1/1, MS3.7/3, Ms1 3.7/3, ms1mx3.0/22, Error ellipse: s-maj=58.7km s-min=52.1km az=73.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PMG, WRA, STKA, FITZ, RAO, AFI, TORO.

IDC 08 13:13:35.4±2.6, 1003S, 10890E, h0km, mb4.0/4, mb1 4.2/5, mb1mx3.9/17, mbtmp4.0/5, ML4.3/1, MS3.3/2, Ms1 3.3/2, ms1mx2.3/29, Error ellipse: s-maj=112.0km s-min=21.5km az=51.0, South of Jawa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include FITZ, NWAO, WRA, STKA, CTA, SONM, MKAR.

IDC 08 13:22:22.5±1.0, 510S, 12360E, h0km, mb4.1/5, mb1 4.3/7, mb1mx4.0/18, mbtmp4.2/17, ML3.8/2, Error ellipse: s-maj=53.7km s-min=20.2km az=60.0

IDC 08 13:22:24.1±0.9, 514S, 12351E, h10km, mb4.0/2, Error ellipse: s-maj=42.9km s-min=12.3km az=55.0

IDC 08 13:22:25.7±0.7, 525S, 10212E, h35km, mb4.1/5, Error ellipse: s-maj=37.0km s-min=10.6km az=114.7

IDC 08 13:22:26.0±0.7, 525S, 101235E, h35km, n12, s1913/11, mb4.1/5, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include FITZ, WRA, WRAB, WB2, PSI, STKA, SONM, MKAR, ZAL, TORO.

JMA 08 13:29:03.9±0.2, 3693N, 13494E, h380km, M3.5, Sea of Japan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include JMT, JTT, JMS, JMM.

STR 08 13:30:29.1±0.2, 4756N, 761E, h5km, 1km, M11.9, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 08 13:30:30.1±0.1, 4759N, 756E, h10km, Md2.2/1, M12.3/10, Error ellipse: s-maj=2.5km s-min=1.7km az=151.0

ZUR 08 13:30:29.8, 4758N, 760E, h5km, 1km, ML1.7, 1C-1D, Switzerland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BALST, BOURR, SULZ, MOF, HINF, LOMF, ECH, CDF, HAU, CABF, SFTF, MEZF, LPG, LOR, SMF, AVF.

2006 DEC

ISCJB 08 13:33:46.7±1.3, 198S, 01, 1774W, 0.1, h531km, 18km, mb3.8/8, Error ellipse: s-maj=25.6km s-min=13.8km az=113.4

IDC 08 13:33:47.8±1.8, 198S, 01, 1774W, 0.1, h531km, 22km, mb3.5/8, mb1 3.7/11, mb1mx3.5/18, mbtmp3.5/11, Error ellipse: s-maj=30.6km s-min=13.1km az=150.0

NEIC 08 13:33:47.4±1.0, 198S, 01, 1774W, 0.1, h531km, 12km, mb4.8/1, Error ellipse: s-maj=24.3km s-min=10.4km az=146.0

ISC 08 13:33:47.4±1.3, 199S, 02, 1774W, 0.1, h527km, 16km, n22, s0584/17, mb3.8/8, 3D, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include AFI, DZM, URZ, ARMA, CTA, STKA, STKA, WRA, FITZ, MJAR, NVAR, TXAR, PDAR, VNA3, VNA2, AKASO, BRTR, CLL, GERES.

BUI 08 13:35:52.2±6.0N, 12859E, h55km, mB5.2, mb4.8

ISCJB 08 13:35:53.2±1.4, 259N, 005, 12847E, 007, h57km, 12km, mb4.9/51, MS3.6/9, Error ellipse: s-maj=11.7km s-min=7.2km az=128.6

MOS 08 13:35:54.6±1.1, 266N, 12840E, h68km, mb4.8/9, Error ellipse: s-maj=44.6km s-min=13.4km az=104.8

NEIC 08 13:35:54.5±1.8, 235S, 12849E, h56km, 17km, mb4.8/14, Error ellipse: s-maj=14.3km s-min=6.9km az=63.0

IDC 08 13:35:55.1±2.8, 256N, 12830E, h5km, 25km, mb4.3/13, mb1 4.4/13, mb1mx4.2/19, mbtmp4.3/13, MS3.6/9, Ms1 3.6/9, ms1mx3.5/25, Error ellipse: s-maj=37.7km s-min=11.7km az=84.0

ISC 08 13:35:54.9±1.2, 257N, 005, 12853E, 007, h58km, 11km, n88, s1910/80, mb4.9/50, MS3.6/9, 4C-5D, Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include GSPH, KKM, KAKA, KSM, GUMO, FITZ, FITZ, PMG, WRAB, WRAB, WRA, WRA, WRA, WRA.

WRA Warramunga Arr 18.04 145 P Pn 13 26 35.4 +2.0

WRA Warramunga Arr 18.05 145 P Pn 13 26 35.0 +0.9

WRA Warramunga Arr 18.04 145 P Pn 13 26 35.4 +2.0

WRA Warramunga Arr 18.05 145 P Pn 13 26 35.0 +0.9

WRA Warramunga Arr 18.04 145 P Pn 13 26 35.4 +2.0

WRA Warramunga Arr 18.05 145 P Pn 13 26 35.0 +0.9

WRA Warramunga Arr 18.04 145 P Pn 13 26 35.4 +2.0

WRA Warramunga Arr 18.05 145 P Pn 13 26 35.0 +0.9

WRA Warramunga Arr 18.04 145 P Pn 13 26 35.4 +2.0

WRA Warramunga Arr 18.05 145 P Pn 13 26 35.0 +0.9

WRA Warramunga Arr 18.04 145 P Pn 13 26 35.4 +2.0

WRA Warramunga Arr 18.05 145 P Pn 13 26 35.0 +0.9

WRA Warramunga Arr 18.04 145 P Pn 13 26 35.4 +2.0

BOK comp=2.14nm, 1.0s, mb4.9 Amb AMB 13 44 16.8

KLR Kul'dur 46.57 3 eP P 13 44 12.7 -4.2

Vishakhapatnam 46.81 292 eP P 13 44 32.2 +0.2

JIRN Jiri 47.51 306 eP P 13 44 25.2 +1.0

GUN Gumba 47.86 306 eP P 13 44 27.8 +0.9

PKI Pulchoki 48.13 305 eP P 13 44 29.3 +0.5

DMN Daman 48.37 305 eP P 13 44 31.5 +0.7

GKN Gorkha 48.90 306 eP P 13 44 35.4 +0.4

SONM Songoing Array 49.96 340 P P 13 44 35.4 -0.1

KOLN Koldanda 49.64 305 eP P 13 44 41.7 +1.0

CIT Chita 50.85 348 eP P 13 44 50.2 +0.5

HYB Hyderabad 51.20 290 eP P 13 44 52.5 +0.1

NGP Nagpur 51.55 295 eP P 13 44 53.7 -1.3

KAD Karad 55.29 289 eP P 13 45 25.3 +2.9

BOD Bodaibo 56.28 351 eP P 13 45 28.6 -0.9

AJM Ajmer 56.81 300 eP P 13 45 32.2 -1.0

YAK Yakutsk 59.33 1c P Pmax 13 45 50.3 -0.5

YAK Yakutsk 59.33 1 eP P 13 45 50.0 -0.9

MKAR Makanchi Array 59.53 325 eP P 13 45 52.0 -0.3

MKAR Makanchi Array 59.53 325 eP P 13 45 52.0 -0.2

AAK Ala-Archa 62.42 318 i P MLR 13 46 11.7 -0.1

ZAL Zalesov 62.44 333 P P 13 46 10.2 -1.8

SEY Seymchan 62.77 12 eP P 13 46 15.8 +1.6

KURK Kurchatov 63.69 327 d P P 13 46 19.8 -0.4

NVS Novosibirsk 63.72 333 eP Pmax 13 46 18.8 -1.6

TIXI Tiksi 68.99 0 eP Pmax 13 46 52.9 -1.2

TIXI Tiksi 68.99 0 eP Pmax 13 46 52.9 -1.2

BRV Borovoye 69.34 327 eP P 13 46 55.1 -1.2

BILL Bilbino 70.22 14 eP P 13 47 22.2 -0.3

SVW2 Sparrevohk 80.96 28 eP P 13 48 04.7 +1.6

VNDA Vanda 82.06 173 P P 13 48 08.6 -0.3

VNDA Vanda 82.06 173 P P 13 48 08.6 -0.3

IMA2 Indian Mountain 82.71 24 eP P 13 48 13.8 +1.5

PMR Palmer 84.10 28 eP P 13 48 20.0 +0.5

ZEI Tsey 84.33 313 eP P 13 48 22.4 +1.8

MCK McKinley 84.40 26 eP P 13 48 21.5 +0.5

SML Smail 84.50 28 eP P 13 48 22.7 +1.2

DAW Dawson 86.62 26 eP P 13 48 42.1 +0.5

OBN Obninsk 89.04 325 eP Pmax 13 48 42.7 -0.9

INK Inuvik 90.58 22 eP P 13 48 49.5 -1.2

ARCES ARCESS Array B 92.15 340 P P 13 48 56.6 -1.4

YKA Yellowknife Arr 98.20 25 P Pdf 13 49 32.9 +0.2

YKA Yellowknife Arr 98.20 25 i P Pdf 13 49 32.9 +0.1

YKA Yellowknife Arr 98.20 25 P Pdf 13 49 32.9 +0.1

YKA Yellowknife Arr 98.20 25 P Pdf 13 49 32.9 +0.1

YKA Yellowknife Arr 98.20 25 P Pdf 13 49 32.9 +0.1

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YKA Yellowknife Arr 98.20 25 P Pdf 13 49 32.9 +0.1

YKA Yellowknife

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include Lormes, Signal de Mont.

ISCJB 08 15:34:48.4-0.8, 3222N:003:5555E:003, h6km, 7km, Error ellipse: s-maj=5.5km s-min=4.3km az=172.2

CSEM 08 15:34:49.0-0.1, 3220N:5554E, h16km, ML3.4, Error ellipse: s-maj=1.7km s-min=1.5km az=173.0

THR 08 15:34:49.8-0.3, 3219N:5541E, h14km, 5km, ML3.4

TEH 08 15:34:50.8, 3219N:5555E, h13km, Mm3.5

ISC 08 15:34:49.7-0.9, 3221N:003:5555E:003, h5km, 7km, n31, c082/43, Northern and central Iran

Main table of station data for the first section, including codes like IBAF, ICHK, IMEH, etc.

ISCJB 08 15:46:52.8-0.2, 4757N:001:755E:001, h0km, Error ellipse: s-maj=1.7km s-min=1.4km az=127.2

STR 08 15:46:54.6-0.3, 4757N:758E, h5km, 1km, M12.7, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

BGR 08 15:46:54.3, 4759N:763E, h5km, 1km, M2.8/4

CSEM 08 15:46:55.0-0.0, 4760N:759E, h1km, ML3.3/16, Error ellipse: s-maj=1.0km s-min=0.7km az=160.0

LEDBW 08 15:46:55.1-0.1, 4759N:0003:7604E:0004, h5km, ML2.7, Error ellipse: s-maj=1.2km s-min=1.0km az=115.0

LDG 08 15:46:55.1-0.1, 4759N:758E, h8km, Md3.0/1, M2.3/19, Error ellipse: s-maj=1.1km s-min=0.7km az=139.0

NEIC 08 15:46:55.1, 4759N:760E, h5km, ML2.6(STR), ML2.7(LEDWB), ML2.9(SZGRF), ML3.2(LDG), AUFZUR.

NEIC Felt in the Basel, Switzerland area. ZUR 08 15:46:55.1, 4759N:760E, h4km, 1km, MD2.7

PRU 08 15:46:56.9, 4761N:772E, h0km

ISC 08 15:46:53.9-0.2, 4758N:001:758E:001, h0km, n142, c1931/268, 27C-12D, Switzerland

Main table of station data for the second section, including codes like WEIL, WYH, WYH, etc.

Main table of station data for the third section, including codes like CDF, BFO, HASLI, etc.

Main table of station data for the fourth section, including codes like MOTA, SANKT, etc.

STR 08 16:09:33.2-0.2, 4757N:762E, h5km, 1km, M12.0, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 08 16:09:33.9-0.1, 4759N:756E, h8km, Md2.3/1, M2.3/11, Error ellipse: s-maj=1.4km s-min=1.1km az=148.0

ZUR 08 16:09:33.8, 4758N:760E, h5km, 1km, ML1.7, 3C-1D, Switzerland

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Sulz, Mof, Hinf, Lomont, Echery, etc.

STR 08 16:29:26.0±0.8, 4756N:756E, h5km±1km, M11.7, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 08 16:29:26.5±0.2, 4759N:759E, h10km±1km, Md2.2/1, M2.2/4, Error ellipse: s-maj=3.8km s-min=2.2km az=109.0

ZUR 08 16:29:26.4, 4758N:760E, h5km±1km, M1.1, 2.2C, Switzerland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Balst, Bourr, Sulz, Mof, Hinf, Sftf, etc.

ISCJB 08 16:48:35.9±0.1, 47554N:0008:753E:001, h0km, Error ellipse: s-maj=1.2km s-min=1.0km az=124.6

PRU 08 16:48:38.2, 4760N:762E, h0km, Error ellipse: s-maj=0.1km s-min=0.1km az=162.0

NEIC 08 16:48:39.1, 4758N:760E, h5km, ML3.4(ZUR), ML3.5(STR), ML3.6(LEDW), ML3.7(SZGRF), ML3.9(LDG), After ZUR.

NEIC Slight damage in the Basel area. Felt at Lorrach, Germany and Saint-Louis, France. This is the largest in a series of events possibly associated with a deep well geothermal experiment.

LDG 08 16:48:39.0±0.1, 4758N:760E, h7km, Md3.4/3, M13.9/38, Error ellipse: s-maj=1.2km s-min=0.9km az=145.0

ZUR 08 16:48:39.1, 4758N:760E, h5km±1km, ML3.4, Error ellipse: s-maj=0.9km s-min=0.6km az=162.0

LEDW 08 16:48:39.2±0.1, 47589N:0003:7600E:0003, h5km, ML3.5, Error ellipse: s-maj=1.0km s-min=0.8km az=86.0

LEDW Felt V EMS. BGR 08 16:48:39.2±0.2, 4763N:762E, h5km, ML3.7, Error ellipse: s-maj=2.2km s-min=2.2km az=52.0, Largest shock of a series of more than 100 small tremors. It correlates to the water injection into rocks within the Deep Heat Mining Project in Basel, Switzerland.

BNS 08 16:48:40.7±1.2, 4764N:760E, h5km, ML3.0, Error ellipse: s-maj=37.5±0.1, 47582N:0008:7530E:0010, h0km, n372, +134/683, 72C-38D, Switzerland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Weil, Bbs, Endnu, Balst, Spak, etc.

Main table with columns: Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Mof, Feld, Hinf, Lomont, Echery, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like GUT, LKBD, THEF, SENIN, LLS, etc.

8d 16h

Table with columns for station name, frequency, power, and other technical details. Includes stations like OBER Oberstdorf, MEZP Maizieres J'vi, MUGIO Muggio, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like SSF Wattenberg, WTTA Wattenberg, SCE Schlegelis, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like MOX Moxa, GUNZ Gunzen, WERD Werda, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Montolieu, Gorron, BOJS, etc.

ISCJB 08 17:00:16.2-10.0, 469N-01-155E.02, h6km, 63km, mb4.0/14, Error ellipse: s-maj=25.1km s-min=24.2km az=122.7

NEIC 08 17:00:18.2-11.1, 469N-01-155E.02, h10km, mb4.9/3, Error ellipse: s-maj=25.3km s-min=15.4km az=135.0

MOS 08 17:00:22.4-1.5, 4676N-155.30E, h53km, mb4.2/7, Error ellipse: s-maj=17.3km s-min=12.7km az=104.4

IDC 08 17:00:24.3-5.6, 4673N-155.35E, h49km, 51km, mb3.6/10, mb1.3/8/12, mb1mx3.6/22, mbtmp3.6/12, ML3.6/2, MS2.8/1, Ms1.2/8/1, ms1mx1.9/3.1, Error ellipse: s-maj=37.0km s-min=24.3km az=84.0

ISC 08 17:03:23.2-2.3, 468N-01-155E.02, h46km, 20km, n31, o=18/32, mb4.0/14, East of Kuril Islands

Main table for NEIC 08 17:00:16.2-10.0, 469N-01-155E.02, h6km, 63km, mb4.0/14, Error ellipse: s-maj=25.1km s-min=24.2km az=122.7. Includes station codes like SKR, PET, ASAJ, MJAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OXX, YAIG, TPIG, etc.

NEIC 08 17:25:12.3, 1712N-9538W, h112km, MD3.8(MEX), After MEX 08 17:25:12.3-0.6, 1710N-9537W, h113km, 9km, MD3.8, Oaxaca

IDC 08 17:31:13.3-2.0, 4652N-15476E, h0km, mb3.6/5, mb1.3/7.5, mb1mx3.5/22, mbtmp3.6/5, Error ellipse: s-maj=62.1km s-min=28.9km az=173.0, East of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSRS, MKAR, BVAR, etc.

ISCJB 08 17:34:20.1-0.2, 4613N-001-1479E.002, h6km, 3km, Error ellipse: s-maj=2.5km s-min=1.8km az=18.3

NEIC 08 17:34:20.7-0.2, 4610N-1477E, h10km, ML3.0(LJU), Error ellipse: s-maj=3.5km s-min=2.5km az=184.0

NEIC Felt in the Lijia-Moravce area. CSEM 08 17:34:20.3-0.0, 4611N-1479E, h15km, ML3.1/4, Error ellipse: s-maj=1.0km s-min=0.7km az=4.0

LJU 08 17:34:20.4, 4611N-1478E, h13km, ML2.5 PRU 08 17:34:21.4, 4623N-1478E, h0km

ISC 08 17:34:20.8-0.2, 4631N-002-1480E.002, h9km, 3km, n71, o=574/138, 18C-20D, Northwestern Balkan Peninsula

Main table for ISC 08 17:34:20.1-0.2, 4613N-001-1479E.002, h6km, 3km, Error ellipse: s-maj=2.5km s-min=1.8km az=18.3. Includes station codes like PDKS, LJU, VISS, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GORS, GROS, GCIS, etc.

ISCJB 08 17:48:44.3-0.6, 4007N-003-241E.005, h6km, 5km, Error ellipse: s-maj=6.3km s-min=4.9km az=134.5

ATH 08 17:48:45.1, 4007N-241E, h23km, 1km, MD3.2/7

NEIC 08 17:48:45.1, 4007N-241E, h23km, MD3.2(ATH), After CSEM 08 17:48:45.0-0.1, 4009N-241E, h10km, ML3.0, Error ellipse: s-maj=2.3km s-min=1.7km az=53.0

THE 08 17:48:45.3, 4010N-241E, h2km, ML3.0

ISC 08 17:48:44.8-0.7, 4005N-003-241E.005, h8km, 6km, n20, o=577/28, 1D, Aegean Sea

Main table for ISCJB 08 17:48:44.3-0.6, 4007N-003-241E.005, h6km, 5km, Error ellipse: s-maj=6.3km s-min=4.9km az=134.5. Includes station codes like GORS, GROS, GCIS, etc.

IDC 08 17:55:05.2-1.7, 117N-12503E, h0km, mb3.8/3, mb1.4/0/3, mb1mx3.8/16, mbtmp3.8/3, Error ellipse: s-maj=197.6km s-min=24.8km az=63.0, Northern

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Gaziantep, Sirnak, Bunyan, Sochi, etc.

ISC 08 19:24:55.2, 0.5, 2029Sx17402W, h0km, mb4.7/16, Mb1.4/8/17, mb1mx4.8/20, mbtmp4.7/17, MLS.2/1, MS4.2/25, MS1.4/2/25, ms1mx4.2/34, Error ellipse: s-maj=20.8km s-min=15.0km az=134.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Afi Afiamalu, Rarotonga, RAO Raoul Island, etc.

Table with columns: PFO, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PFO Pinyon Flat Ob, PFO Pinyon Flat Ob, etc.

8d 19h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like M09A Marrel Ranch, K08A Mann Creek Ran, Q12A Willow Creek R, etc.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like A09A Danville, G13A Cobalt, NEW Newport, etc.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like GTA XS sS, XA PS PS, XA SS SS, etc.

STR 08 19:25:13.2z, 0.7, 4755N; 755E, h5km, 1km, M11.7, Error ellipse: s-maj=0.0km s-min=0.0km az=10.0
LDG 08 19:25:13.3z, 0.2, 4759N; 757E, h1km, M2.1/1, M11.9/5, Error ellipse: s-maj=3.5km s-min=2.3km az=104.0
ZUR 08 19:25:13.4z, 4758N; 760E, h5km, 1km, M1.3, 1C-1D, Switzerland

Table with station names and coordinates: MKAR 1.1nm,0.6s,mb4.2,baz=148,slow=7.9,SNR=33; BRTR Keskin Array B 86.55 311 P

ISCJB 08 19:48:20.6-0.7, 470N:0.1x1555E:0.1, h10km, mb4.1/23, MS4.0/1, Error ellipse: s-maj=17.9km s-min=11.1km az=112.3; IDC 08 19:48:20.9-0.9, 4697N:15553E, h0km, mb3.9/16;

NEIC 08 19:48:22.4-0.6, 4698N:15547E, h10km, mb4.4/5, Error ellipse: s-maj=14.7km s-min=9.9km az=147.0; MOS 08 19:48:25.9-1.0, 4693N:15544E, h51km, mb4.4/14, Error ellipse: s-maj=20.3km s-min=12.1km az=104.6;

ISC 08 19:48:22.3-0.7, 4697N:0.10x1555E:0.1, h10km, m48, o#80/49, mb4.1/23, MS4.0/1, 4C, East of Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SKR Severo-Kuril's, MJAR Matsushima, BILL Bilibino, KRSR Korea Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MKAR Makianchi Array, KURK Kurchatov, YKA Yellowknife Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BRVK Borovoye, AAK Ala-Archa, AKT Aktyubinsk, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PDAR Pinedale Array, FINES FINESS Array B, FINES FINESS Array A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like OBN Obninsk, NB2 NORARS Subara, NOA NORARS Array B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, KIV Kislovodsk, MALIN Malin Array B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MXZ Matakaoa Point, PUK Puketiti, MARZ Manawaha, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WTVZ West Tongariro, OTVZ Oturere, TUWZ Tukino, etc.

NEIC 08 19:57:27.2, 3506N:2350E, h7km, MD3.6(ATH), After ATH

CSEM 08 19:57:27.2, 3506N:2350E, h7km, MD3.6/9, After ATH

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GVD Gavdos, YAM Varnos, KYTH Kithira, etc.

ISCJB 08 20:19:37.3-0.2, 4757N:0.001x753E:0.01, h0km, Error ellipse: s-maj=1.6km s-min=1.3km az=141.2

CSEM 08 20:19:38.9-0.0, 4755N:759E, h1km, ML3.1/18, Error ellipse: s-maj=1.0km s-min=0.7km az=168.0

LDG 08 20:19:39.5-0.1, 4759N:756E, h6km, Md2.9/1, M3.0/19, Error ellipse: s-maj=1.4km s-min=1.0km az=140.0

LEDBW 08 20:19:39.6-0.1, 4759N:0.003x760E:0.003, h6km, ML2.9, Error ellipse: s-maj=1.2km s-min=1.0km az=129.0

ZUR 08 20:19:39.6, 4758N:760E, h5km, 1km, ML2.6, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

NEIC 08 20:19:39.6, 4758N:760E, h5km, ML2.7(STR), ML2.9(SZGRF), ML2.9(LEDBW), ML3.0(LDG), After ZUR

NEIC Felt in the Basel area. BGR 08 20:19:39.6-0.2, 4763N:761E, h5km, ML2.7/3, Error ellipse: s-maj=2.2km s-min=2.2km az=102.0

PRU 08 20:19:42.3, 4769N:774E, h0km, Error ellipse: s-maj=2.2km s-min=2.2km az=102.0

ISC 08 20:19:38.3-0.2, 4758N:0.001x754E:0.01, h0km, n156, i#123/308, 26C-14D, Switzerland

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WEIL Weil am Rhein, WYH Wyhlen, BBH Basel-Blauen, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BALST Balsthal, BOUR Bourrignon, STAU Staufen im Bre, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like FELD Feldberg im Sc, KIZ Kirchzarten, MOF Molkenrain, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HINF Hinfeld, LOMF Lomont, LOMF Lomont, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like OFBG Offenbourg, OFBG Black Forest, BFO Black Forest, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HASLI Hasliberg, BNAL Bannalp, WILA Wila, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WILA Wila, SIBS Singen-Schiene, SIBS Singen-Schiene, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WEIN Weingarten, SPAK Spachingen-Ko, GUT Gutenstein, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WYH Wyhlen, BBH Basel-Blauen, BBS Basel-Blauen, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SONGINGO Array, YAK Yakutsk, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WEL 08 21:54:27.6, MXZ Matakaoa Point, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 08 22:03:23.4, ISCJB 08 22:03:27.0, NEIC 08 22:03:28.0, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AFI 14nm,0.3s, RAR Rarotonga, DZM Mont Dzumac, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KELT Kelkit, ELZG Elzag, BOYT Boyzat, etc.

Table of astronomical observations for 9d 0h, listing station names, station IDs, and various parameters like time, residuals, and station status.

Table of astronomical observations for 2006 DEC, listing station names, station IDs, and various parameters like time, residuals, and station status.

Table of astronomical observations for 286, listing station names, station IDs, and various parameters like time, residuals, and station status.

MOS 09 00:04:16.5:2.2, 5258N:101.28E, h18km, mb4.3/1, Error ellipse: s-maj=22.4km s-min=15.8km az=124.1

BYKL 09 00:04:16.3:0.3, 5255N:101.38E, h10km, 21km, 5C-3D, Southwestern Siberia

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, ISC, Time, Res, h m s, ISC. Includes stations like ARS Arshan, MOY Mondy, ORL Orlik, etc.

Table with columns: YLYR, KMO, KPC, KBO, etc. Includes stations like Ulyunkhan, Kumora, Khapcheranga, Bodaibo, etc.

STR 09 00:09:28.5:0.8, 4756N:758E, h5km, 1km, M11.6, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 09 00:09:29.7:0.2, 4759N:753E, h14km, Md1.9/3, M11.9/6, Error ellipse: s-maj=3.8km s-min=2.8km az=107.0

ZUR 09 00:09:29.0, 4759N:760E, h5km, 1km, M1.2, 1D, Switzerland

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, ISC, Time, Res, h m s, ISC. Includes stations like BALST, BOURR, SULZ, MOF, etc.

LDG 09 00:12:58.2:0.1, 4313N:001W, h4km, Md1.7/2, M11.8/4, Error ellipse: s-maj=3.2km s-min=1.8km az=167.0

MDD 09 00:12:59.3:0.3, 4302N:001W, h0km, mbLg1.5/9, 1C, Error ellipse: s-maj=2.8km s-min=2.1km az=158.0

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, ISC, Time, Res, h m s, ISC. Includes stations like LABF, VIEF, CSOR, etc.

CSEM 09 00:19:52.7, 6783N:2020E, h1km, ML2.6, Mining explosion, After UPP

HEL 09 00:19:53.4:0.1, 6783N:2020E, h0km, ML2.6(UPP), Explosion, Sweden

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, ISC, Time, Res, h m s, ISC. Includes stations like KUA, NIKU, LANU, etc.

Table with columns: PAJU, HARU, SJUU, SGF, KEV, etc. Includes stations like Pajala, Harads, Sjuksmark, etc.

NEIC 09 00:23:09.6, 1853N:6809W, h138km, MD3.5(RSPR), After RSPR

RSPR 09 00:23:09.6, 1853N:6809W, h138km, 3km, MD3.5/8, MD3.5/8, 4C-4D, Mona Passage

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, ISC, Time, Res, h m s, ISC. Includes stations like LSP, CRPR, GBPR, etc.

IDC 09 00:25:25.5:0.9, 3922N:7216E, h0km, mb3.9/11, mb1.4/0/15, mb1mx3.9/26, mbtmp3.9/15, ML3.7/4, MS3.5/2

NNC 09 00:25:26.3:1.9, 3923N:7142E, h0km, mb4.0, mpv4.0, Error ellipse: s-maj=15.1km s-min=14.4km az=96.0

MOS 09 00:25:30.3:1.8, 3951N:7202E, h39km, mb4.4/6, Error ellipse: s-maj=13.1km s-min=6.9km az=96.5

ISC 09 00:25:26.3:2.5, 3918N:006.7176E, 006.7176E, h5km, 15km, n59, c139/68, mb3.8/14, MS3.5/3, 6C-9D, Tajikistan

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, ISC, Time, Res, h m s, ISC. Includes stations like KSH, UCH, EKS2, KZA, AAK, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KIV, SONM, OBN, BR131, BRTR, FINES, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like EL Salvador, LFRRS, SNET, BOQS, etc.

Table with columns: TXAR, Time, Res, h, m, s, ISC. Includes stations like TXAR, TXAR, TXAR, etc.

ISC/JB 09:00:28.48.4.1.9, 3471N-007.270E.0.1, h10km, 19km, Error ellipse: s-maj=16.3km s-min=11.4km az=166.1

BOAB BOACO BROADBAN, CONN Concepcion, MADM Villa Maderas, CCIG Comitán, RIN3 Volcan Rincon, LIM1 Limalon, VCR Vista de Mar, JTS JuntasAbangare

TXAR comp=Z,2.0nm,0.8s,baz=157,slow=2.4,SNR=5.2, TXAR comp=Z,2.4nm,1.0s,baz=151,slow=4.9,SNR=8.4

IPCC 09:00:37.19.7.0.1, 5010N-1843E, h7km, 1km, ML.1.6/3, Error ellipse: s-maj=1.7km s-min=0.7km az=160.0

CMIG comp=N,37nm,0.3s,baz=264,slow=18,SNR=3.4, CMIG comp=N,33nm,0.3s,baz=116,slow=23,SNR=3.0

USIN Wyandotte Cave, WCI WCI, WCI Wyandotte Cave, WCI Wyandotte Cave

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

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

Table with columns: TXAR, Time, Res, h, m, s, ISC. Includes stations like TXAR, TXAR, TXAR, etc.

IDC 09:00:51:37.0.1.9, 1333N-8906W, h16km, 10km, mb4.6/20, mb1.4/21, ms1mx4.8/22, mbtmp4.7/21, ML4.6/1, MS4.6/21

OTAV Otavalo, ROSC El Rosal, ROSC comp=E,1.1nm,0.3s,baz=314,slow=4.2,SNR=19, ROSC comp=E,861nm,18.3s,baz=359,slow=4.2

TXAR comp=Z,3.4nm,1.3s,mb4.9, PFO Pinyon Flat Ob, PFO Pinyon Flat Ob, PFO Pinyon Flat Ob

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like GMRC Granite Mounta, V12A Nelson, U12A Valley Fire, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like PKD Parkfield, RLMT Red Lodge, LKWY Lake, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like E13A Victor, MOD Modoc, M50A Missoula, etc.

9d 0h

Table with columns: PPT, Papeete, 66.80 244 eS, S, 01 11 22.5 +8.5, etc. Lists various stations and their coordinates.

2006 DEC

Table with columns: GKN, Gorkha, 138.75 8 eP, PKPdf, 01 11 02.0 +0.8, etc. Lists various stations and their coordinates.

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Table with columns: BJI, comp=Z,468nm,6.6s, AMB, AMB, etc. Lists various stations and their coordinates.

9d 2h

Table with columns: ID, Station Name, Azimuth, Phase, Time, Res. Includes stations like G15A Dillon, O09A Fish Creek Ran, M11A Holland, T06C Millerton Lake, etc.

NEIC 0911:08:56.7-0.9, 1455N:1460E, h35km, mb4.4/1, Error ellipse: s-maj=27.7km s-min=16.3km az=121.0, ISCJB 0911:08:58.3-2.6, 145N:02x1460E:02, h67km, 24km, mb4.1/10, Error ellipse: s-maj=30.2km s-min=25.6km az=165.3

IDC 0911:08:59.6-3.1, 1450N:14594E, h59km, 31km, mb3.9/1, mb1 4.0/8, mb1mx3.8/2.0, mb1mx3.9/8, MS3.6/1, Ms1 3.6/1, ms1mx2.1/3.3, Error ellipse: s-maj=29.1km s-min=24.5km az=101.0

ISC 0911:08:58.3-3.1, 145N:02-1460E:02, h50km, 30km, n17, o=097/15, mb4.2/10, MS3.4/1, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like GUMO Guam, MJAR Matsushiro Arr, NACB Ninganchiao, etc.

2006 DEC

Table with columns: ID, Station Name, Azimuth, Phase, Time, Res. Includes stations like KDAX Kodiak Island, KURK Kurchatov, BVAR Borovoye Array, etc.

IDC 0911:43:55.3-5.8, 816S:12029E, h230km, 62km, mb3.2/2, mb1 3.2/3, mb1mx3.0/1.6, mb1mx3.1/3, Error ellipse: s-maj=135.6km s-min=14.6km az=48.0, Flores region

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, WB2 Warramunga Arr, etc.

NEIC 0911:53:11.4-1.1, 4709N:15533E, h10km, mb4.5/4, Error ellipse: s-maj=27.3km s-min=10.1km az=172.0, ISCJB 0911:53:12.3-4.4, 4757N:009S:1552E:01, h9km, 28km, mb4.0/22, Error ellipse: s-maj=19.2km s-min=11.3km az=76.8

IDC 0911:53:12.9-0.9, 4767N:15534E, h0km, mb3.9/16, mb1 4.1/17, mb1mx4.0/23, mb1mx3.9/17, ML3.3/1, Error ellipse: s-maj=25.5km s-min=17.3km az=168.0, MOS 0911:53:17.9-1.2, 4773N:15513E, h45km, mb4.3/12, Error ellipse: s-maj=23.3km s-min=11.1km az=100.9

ISC 0911:53:15.5-4.1, 4756N:009S:1553E:01, h21km, 28km, n41, o=090/43, mb4.0/22, 10E, East of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like SKR Severo-Kuril's, SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

MAJO Matsushiro 16.73 235 ePm Pmax 01 57 00.3 -8.3

MAJO Matsushiro 16.73 235 ePm Pmax 01 57 00.3 -8.3

BILL Bilibino 21.29 111 eP S 01 58 02.2 +1.5

SKRS Korea Array 22.43 253 P 01 58 20.1 +7.3

INX Inuvik 40.18 33 P 02 00 50.6 +0.3

ZAL Zalesovo 43.34 306 P 02 01 15.6 -0.5

MKAR Makanchi Array 47.86 298 P 02 01 51.5 -0.4

KURK Kurchatov 48.13 304 P 02 01 53.8 -0.1

YKA Yellowknife Arr 49.40 38 P 02 02 03.3 -0.4

CHZK Chkalovo 51.02 310 ePm Pmax 02 02 15.7 -0.3

BVAO Borovoye Array 51.47 310 P 02 02 19.6 +0.3

ARCES ARCESS Array B 57.56 341 P 02 03 05.0 +1.4

AB31 Akbulak array 59.02 310 P 02 03 13.9 +0.1

PDAR Pinedale Array 63.09 55 P 02 03 40.4 -1.0

NOA NORSAR Array B 67.92 342 P 02 04 12.8 +0.1

WRA Warramunga Arr 69.77 201 P 02 04 27.1 +2.9

AKASG Malin Array Be 71.67 327 P 02 04 34.8 -1.0

GERES GERESS Array B 78.35 335 P 02 05 14.2 -0.1

BRTR Keskin Array B 78.78 318 P 02 05 17.5 +0.9

MMAI Mount Meron Arr 83.35 313 P 02 05 42.0 +1.0

NIED 09 02:36:00.3150N:13060E, h116km, Mw3.9 Best double couple: M7.39000-1014 NP1.01s, 124.00000, 859.00000, 1-96.00000, NP2:316.00000, 832.00000, 1-80.00000

JCB 09 02:36:04.2-0.4, 3148N:005S:13064E:007, h131km, 3km, mb3.7/11, Error ellipse: s-maj=10.6km s-min=6.9km az=64.6

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Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like JSU Suzuyama, JTRS Tashiro T, JTZ Takazaki, etc.

MAJO Matsushiro 16.73 235 ePm Pmax 01 57 00.3 -8.3

MAJO Matsushiro 16.73 235 ePm Pmax 01 57 00.3 -8.3

MAJO Matsushiro 16.73 235 ePm Pmax 01 57 00.3 -8.3

MAJO Matsushiro 16.73 235 ePm Pmax 01 57 00.3 -8.3

MAJO Matsushiro 16.73 235 ePm Pmax 01 57 00.3 -8.3

MAJO Matsushiro 16.73 235 ePm Pmax 01 57 00.3 -8.3

MAJO Matsushiro 16.73 235 ePm Pmax 01 57 00.3 -8.3

MAJO Matsushiro 16.73 235 ePm Pmax 01 57 00.3 -8.3

MAJO Matsushiro 16.73 235 ePm Pmax 01 57 00.3 -8.3

MAJO Matsushiro 16.73 235 ePm Pmax 01 57 00.3 -8.3

MAJO Matsushiro 16.73 235 ePm Pmax 01 57 00.3 -8.3

MAJO Matsushiro 16.73 235 ePm Pmax 01 57 00.3 -8.3

MAJO Matsushiro 16.73 235 ePm Pmax 01 57 00.3 -8.3

MAJO Matsushiro 16.73 235 ePm Pmax 01 57 00.3 -8.3

MAJO Matsushiro 16.73 235 ePm Pmax 01 57 00.3 -8.3

MAJO Matsushiro 16.73 235 ePm Pmax 01 57 00.3 -8.3

MAJO Matsushiro 16.73 235 ePm Pmax 01 57 00.3 -8.3

MAJO Matsushiro 16.73 235 ePm Pmax 01 57 00.3 -8.3

MAJO Matsushiro 16.73 235 ePm Pmax 01 57 00.3 -8.3

MAJO Matsushiro 16.73 235 ePm Pmax 01 57 00.3 -8.3

MAJO Matsushiro 16.73 235 ePm Pmax 01 57 00.3 -8.3

MAJO Matsushiro 16.73 235 ePm Pmax 01 57 00.3 -8.3

MAJO Matsushiro 16.73 235 ePm Pmax 01 57 00.3 -8.3

MAJO Matsushiro 16.73 235 ePm Pmax 01 57 00.3 -8.3

MAJO Matsushiro 16.73 235 ePm Pmax 01 57 00.3 -8.3

MAJO Matsushiro 16.73 235 ePm Pmax 01 57 00.3 -8.3

MAJO Matsushiro 16.73 235 ePm Pmax 01 57 00.3 -8.3

MAJO Matsushiro 16.73 235 ePm Pmax 01 57 00.3 -8.3

MAJO Matsushiro 16.73 235 ePm Pmax 01 57 00.3 -8.3

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include stations like LFF La Frestale, ERTA Horta de San J, ERTA Horta de San J, EJON La Jonquera, etc.

NEIC 09 02:51:33.4, 1594N.9901W, h20km, MD4.0(MEX), After MEX

MEX 09 02:51:32.5-0.8, 1586N.9901W, h16km, 20km, MD4.0, Off coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include stations like PNIG Pinotepa, ACX Acapulco, CAIG El Cayaco, etc.

BUI 09 03:10:38.5, 3567N.14077E, h5km, mb4.7, Ms3.8, Msz3.9
MOS 09 03:10:48.8-0.9, 3574N.14023E, h71km, mb4.6/11, Error ellipse: s-maj=22.0km s-min=11.2km az=120.8

ISCJB 09 03:10:49.8-0.4, 3573N.003.14016E.005, h76km, 3km, mb4.1/16, Error ellipse: s-maj=7.7km s-min=4.4km az=132.8

JMA Felt II J1
IDC 09 03:10:51.6-2.0, 3562N.14012E, h77km, 16km, mb3.7/10, mb1.3/9/13, mb1mx3.7/23, mbtmp3.8/13, MS2.8/1, Ms1.2/8/1, ms1mx2.3/35 Error ellipse: s-maj=29.0km s-min=6.8km az=65.0

NEIC 09 03:10:52.5-1.2, 3569N.13994E, h80km, 8km, mb4.5/3, MW4.0(NIED), Error ellipse: s-maj=17.5km s-min=7.4km az=76.0

NEIC Felt at Tokyo. Recorded [2 JMA] in Kanagawa and Tokyo; [1 JMA] in Chiba, Ibaraki, Saitama, Shizuoka, Tochigi and Yamagashi Prefectures.

NIED 09 03:11:00.3580N.14020E, h65km, Mw4.0 Best double couple: Mo:1.090000*1015 NP1:349.00000*, 864.00000*, 1.82.00000*. NP2:187.00000*, 827.00000*, 1.106.00000*, Azm277.00000*, N1 P1g2.00000*, Azm13.00000*, P1 P1g2.00000*, Azm104.00000*;

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include stations like JCN Nagara, TOK Tokyo, JYT Yasato, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include stations like BSO1 Boso 1, BSO1 Boso 1, BSO1 Boso 1, BSO1 Boso 1, etc.

ISCJB 09 03:25:54.7-0.5, 3890N.002.2789E.002, h0km, 4km, Error ellipse: s-maj=2.9km s-min=2.6km az=98.7

CSEM 09 03:25:54.5-0.0, 3890N.2789E, h5km, MD3.3, Error ellipse: s-maj=1.1km s-min=0.9km az=118.0

ISK 09 03:25:54.4, 3891N.2787E, h5km, MD3.3

ATH 09 03:25:54.0, 3888N.2795E, h21km, 4km, MD3.9/8

NEIC 09 03:25:54.0, 3891N.2789E, h7km, MD3.3(ISK), MD3.9(ATH), After ISK

ISC 09 03:25:55.8-0.4, 3889N.002.2786E.002, h7km, 3km, m71, s1f02/96, 6D, Turkey

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include stations like AKS Akhisar, IZM Izmir, IZM Izmir, etc.

AKS Akhisar 0.60 249 IP Pg 03 25 56.7 -0.6

IZM Izmir 0.68 242 IP Pg 03 26 08.3 -0.7

IZM Izmir 0.82 232 IP Pg 03 26 11.1 +0.3

BLCB Balçova 0.82 232 IP Pg 03 26 11.0 -0.6

BTK Tokmak 0.88 9 P P 03 26 23.3 +1.1

DST Dursunbey 0.93 40 IP Pg 03 26 12.6 -1.0

AYVA Ayvalik 1.00 295 IP Pg 03 26 15.0 0.0

AYVA Ayvalik 1.13 242 IP Sg 03 26 31.1 +3.0

URLA Urla 1.13 242 IP Sg 03 26 19.9 -0.6

GDZ Gediz 1.28 81 P S 03 26 33.5 +1.4

GDZ Gediz 1.28 81 P S 03 26 19.1 -1.0

CANB Canakkale 1.28 331 IP Pn 03 26 19.2 -0.9

CANB Canakkale 1.28 331 IP Pn 03 26 19.4 -0.7

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include stations like DNZL Cakroluk, DNZL Cakroluk, DNZL Cakroluk, DNZL Cakroluk, etc.

NIED 09 03:29:00.3580N.14010E, h65km, Mw4.4 Best double couple: Mo:4.49000*1015 NP1:36.00000*, 867.00000*, 1.97.00000*. NP2:168.00000*, 824.00000*, 1.74.00000*;

BUI 09 03:29:13.1, 3568N.14089E, h70km, mb4.9, mb4.6, Ms4.2, Msz3.8

MOS 09 03:29:18.6-0.8, 3572N.14014E, h68km, mb4.7/26, Error ellipse: s-maj=15.6km s-min=7.1km az=120.0

ISCJB 09 03:29:19.7-0.3, 3575N.003.14013E.004, h75km, 2km, mb4.4/52, Error ellipse: s-maj=5.7km s-min=4.1km az=137.9

JMA 09 03:29:20.3-0.1, 3580N.14014E, h66km, 2km, M4.2 Broadband fault plane solution: P waves. NP1: 0.211.00000*, 821.00000*, 1.113.00000*. NP2:36.00000*, 871.00000*, 1.82.00000*. Principal axes: T P1g63.00000*, Azm263.00000*; N P1g8.00000*, Azm9.00000*; P1 P1g26.00000*, Azm103.00000*;

JMA Felt II J1
NEIC 09 03:29:21.2-1.0, 3570N.14000E, h70km, 8km, mb4.7/15, MW4.4(NIED), Error ellipse: s-maj=10.2km s-min=6.7km az=81.0

NEIC Felt at Tokyo. Recorded [2 JMA] in Chiba, Ibaraki, Kanagawa, Saitama, Tochigi and Tokyo; [1 JMA] in Gumma, Shizuoka and Yamanshi Prefectures.

IDC 09 03:29:22.5-1.3, 3568N.14007E, h85km, 11km, mb3.9/19, mb1.4/0/2/1, mb1mx0.2/6, mbtmp3.9/21, MS3.5/3, Ms1.3/5.3, ms1mx2.8/35, Error ellipse: s-maj=18.4km s-min=7.2km az=65.0

ISC 09 03:29:20.6-0.3, 3575N.003.14014E.004, h68km, 2km, h74km, 2.0km, pp-P, n129, s1f05/147, mb4.4/52, 8C-9D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Rows include stations like TOK Tokyo, JCN Nagara, JYT Yasato, etc.

JMA Felt II J1
NEIC 09 03:29:22.5-1.3, 3568N.14007E, h85km, 11km, mb3.9/19, mb1.4/0/2/1, mb1mx0.2/6, mbtmp3.9/21, MS3.5/3, Ms1.3/5.3, ms1mx2.8/35, Error ellipse: s-maj=18.4km s-min=7.2km az=65.0

ISC 09 03:29:20.6-0.3, 3575N.003.14014E.004, h68km, 2km, h74km, 2.0km, pp-P, n129, s1f05/147, mb4.4/52, 8C-9D, Near east coast of eastern Honshu

ISCJB 09 03:25:54.7-0.5, 3890N.002.2789E.002, h0km, 4km, Error ellipse: s-maj=2.9km s-min=2.6km az=98.7

CSEM 09 03:25:54.5-0.0, 3890N.2789E, h5km, MD3.3, Error ellipse: s-maj=1.1km s-min=0.9km az=118.0

ISK 09 03:25:54.4, 3891N.2787E, h5km, MD3.3

ATH 09 03:25:54.0, 3888N.2795E, h21km, 4km, MD3.9/8

NEIC 09 03:25:54.0, 3891N.2789E, h7km, MD3.3(ISK), MD3.9(ATH), After ISK

ISC 09 03:25:55.8-0.4, 3889N.002.2786E.002, h7km, 3km, m71, s1f02/96, 6D, Turkey

AKS Akhisar 0.60 249 IP Pg 03 25 56.7 -0.6

IZM Izmir 0.68 242 IP Pg 03 26 08.3 -0.7

IZM Izmir 0.82 232 IP Pg 03 26 11.1 +0.3

BLCB Balçova 0.82 232 IP Pg 03 26 11.0 -0.6

BTK Tokmak 0.88 9 P P 03 26 23.3 +1.1

Table with columns: TXAR, Lajitas Array, 93.98 52 P, P, 03 50 06.7 +1.0, etc.

ISK 09 03:42:50.7, 4072N-4324E, h4km, ML2.6
ISCJB 09 03:42:53.4, 0.5, 4059N-003x43.15E, 0.04, h10km, Error ellipse: s-maj=4.7km s-min=4.4km az=35.9

TIF 09 03:42:59.9, 4091N-4319E, h10km, n12m
ISC 09 03:42:53.3-0.5, 4062N-003x43.15E, 0.04, h10km, n12, r120/22, Turkey-Georgia-Armenia border region

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

ISCJB 09 03:52:50.2, 1.3, 6772N-004x33.6E, 0.2, h0km, Error ellipse: s-maj=10.9km s-min=5.1km az=168.4

HEL 09 03:52:50.6, 0.3, 6769N-3387E, h0km, ML2.2, ML2.3(BER), ML2.3(NAO), Explosion

NAO 09 03:52:52.1, 1.3, 6777N-3357E, ML2.3
IDC 09 03:52:53.2, 2.3, 6768N-3348E, h0km, mb1 3.5/5, mb1mx3.2/2.3, mbtmp3.4/5, ML3.0/5, Error ellipse: s-maj=27.4km s-min=9.3km az=71.0

ISC 09 03:52:51.2, 1, 6767N-003x33.6E, 0.2, h0km, n21, r128/36, Baltic States - Belarus - Northwestern Russia

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

Table with columns: KAKA, Kakadu, 47.28 269 eP, P, 04 14 12.6 +0.4, etc.

ISCJB 09 04:32:53.4, 4.0, 580S-0.1x258W, 0.2, h56km, 39km, mb4.2/1.0, M33.8/1, Error ellipse: s-maj=23.9km s-min=18.3km az=22.4

IDC 09 04:32:54.7, 5.8, 5799S-2588W, h53km, 51km, mb4.1/6, mb1 4.1/7, mb1mx3.9/14, mbtmp4.0/7, ML1-1, M3.9/2, M5.1 3.8/2, mb1mx3.4/16, Error ellipse: s-maj=23.6km s-min=20.4km az=21.0

NEIC 09 04:32:56.9, 2.9, 5803S-2584W, h75km, 26km, mb4.4/8, Error ellipse: s-maj=14.7km s-min=11.8km az=195.0

ISC 09 04:32:55.6, 3.4, 581S-0.1x258W, 0.2, h63km, 34km, n32, c065/25, mb4.2/1.0, South Sandwich Islands region

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

BUI 09 04:41:15.4, 5221N-17673W, h163km, mb4.7, mb4.7
ISCJB 09 04:41:17.0, 0.5, 5269N-006x17637W, 0.04, h175km, 4km, mb4.4/4.7, Error ellipse: s-maj=9.9km s-min=4.2km az=173.7

NEIC 09 04:41:18.6, 0.6, 5254N-17630W, h179km, 5km, mb4.4/2.4, Error ellipse: s-maj=8.9km s-min=4.7km az=174.0

IDC 09 04:41:21.6, 0.9, 5267N-17634W, h207km, 7km, mb3.8/19, mb1 4.0/19, mb1mx3.8/10, mbtmp3.8/19, Error ellipse: s-maj=18.5km s-min=8.5km az=175.0

ISC 09 04:41:18.0, 0.5, 5270N-006x17636W, 0.04, h171km, 4km, h205km, 4.3km, p-P, n284, c0670/289, mb4.4/4.7, 69C-73D, Andreanof Islands

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

Large table with columns: A05A, Maple Falls, 33.79 74 IP, P, 04 47 43.2 -0.4, etc.

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like H09A Durkee, BMO Blue Mountains, K07A Rock Creek Ran, etc.

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Q11A Duckwater, PKM Peak Mountain, P12A Mct, etc.

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CD2, MK31 Makanchi Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SONM Songoing Array, WRA Warrunguna Arr, WRAB Tennant Creek, etc.

STR 09 05:17:15.7±0.2, 4757N:760E, h5km, 1km, M1.7, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 09 05:17:16.3±0.2, 4759N:759E, h3km, Md2.1/3, M12.0/7, Error ellipse: s-maj=3.8km s-min=2.6km az=110.0

ZUR 09 05:17:16.4, 4759N:760E, h5km, 1km, M1.3, CT-2D, Switzerland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BALST Balsthal, BOUR Bourgnon, SULZ Sulz-Chesache, etc.

ISCJB 09 05:17:33.9±0.8, 29N:0.1x1287E:03, h200km, mb4.0/12, Error ellipse: s-maj=45.4km s-min=9.7km az=140.4

NEIC 09 05:17:35.6±0.6, 288N:1285E, h200km, mb4.1/5, Error ellipse: s-maj=32.0km s-min=7.2km az=70.0

ISC 09 05:17:35.8±0.8, 29N:0.1x1287E:03, h200km, n14, a063/14, mb4.0/12, Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRAB Tennant Creek, WRA Warrunguna Arr, etc.

ISC 09 05:28:58.1±1.0, 4732N:15526E, h0km, mb4.0/15, mb1.4/16, mb1mx4.0/27, mbtmp4.0/16, ML3.6/1, Error ellipse: s-maj=28.4km s-min=18.4km az=171.0

NEIC 09 05:28:59.3±0.7, 4728N:15516E, h10km, mb4.4/7, Error ellipse: s-maj=17.9km s-min=10.0km az=159.0

ISCJB 09 05:29:01.6±0.7, 474N:0.1x1551E:01, h35km, mb4.1/21, Error ellipse: s-maj=17.4km s-min=9.7km az=121.4

MOS 09 05:29:01.3±0.6, 4746N:15509E, h34km, mb4.3/15, Error ellipse: s-maj=19.0km s-min=11.5km az=88.2

ISC 09 05:29:03.3±0.7, 474N:0.1x1552E:01, h35km, n47, a099/48, mb4.1/21, East of Kuril Islands

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

ISC 09 05:34:43.4±2.0, 5355N:16373W, h0km, mb3.6/7, mb1.3/8, mb1mx3.6/26, mbtmp3.6/8, Error ellipse: s-maj=49.3km s-min=24.7km az=5.0

NEIC 09 05:34:44.9±1.1, 5347N:16357W, h10km, ML3.4(AEIC), Error ellipse: s-maj=22.8km s-min=9.0km az=173.0

ISCJB 09 05:34:47.6±1.9, 5355N:02:1636W:0.1, h46km, 13km, mb3.9/7, Error ellipse: s-maj=30.4km s-min=10.6km az=171.7

ISC 09 05:34:46.3±4.3, 5355N:02:16353W:009, h23km, 24km, n16, a093/20, mb3.8/7, Unimak Island region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NB2 NORSAR Subarra, NOA NORSAR Array B, etc.

ISC 09 07:01:58.9±0.7, 3608N:7005E, h123km, mb4.0/8, Error ellipse: s-maj=19.3km s-min=9.2km az=88.9

ISCJB 09 07:02:02.5±0.5, 3625N:003:7018E:006, h151km, 7km, mb3.7/13, Error ellipse: s-maj=8.6km s-min=4.5km az=153.0

NEIC 09 07:02:03.2±2.4, 3622N:7018E, h142km, 22km, mb4.0/6, Error ellipse: s-maj=16.9km s-min=11.9km az=200.0

ISC 09 07:02:05.0±4.7, 3628N:7012E, h156km, 43km, mb3.5/13, mb1.3/16, mb1mx3.4/27, mbtmp3.5/16, Error ellipse: s-maj=21.1km s-min=15.8km az=163.0

BJI 09 07:02:04.0, 3626N:7030E, h113km, Error ellipse: s-maj=49.7km s-min=24.1km az=8.0

ISC 09 07:02:03.5±0.5, 3626N:003:7018E:006, h147km, 6km, n77, a195/92, mb3.7/13, 6C-6D, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like FALS False Pass, AKUT Akutan, AKLV Akutan Long Va, etc.

IDC 09 05:39:51.8±1.1, 403S:15119E, h0km, mb4.0/8, mb1.4/2.8, mb1mx4.1/16, mbtmp4.0/8, MS3.7/11, Ms1.3/7/11, ms1mx3.6/17, Error ellipse: s-maj=32.4km s-min=21.7km az=100.0

ISCJB 09 05:40:00.2±3.7, 42S:0.1x1521E:01, h73km, 32km, mb3.9/13, Error ellipse: s-maj=22.2km s-min=20.2km az=113.1

NEIC 09 05:40:01.4±3.0, 414S:15121E, h72km, 26km, mb4.3/6, Error ellipse: s-maj=20.6km s-min=16.6km az=65.0

ISC 09 05:40:01.7±3.2, 42S:0.1x1512E:01, h74km, 28km, n25, a093/21, mb3.9/13, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PMG Port Moresby, PMG Port Moresby, CTA Charters Tower, etc.

LDG 09 06:19:40.1±0.1, 4295N:001E, h7km, Md1.9/2, M1.7/4, Error ellipse: s-maj=2.4km s-min=1.1km az=166.0

MDD 09 06:19:40.6±0.4, 4301N:000W, h6km, 5km, mb1.3/7, 1C, Error ellipse: s-maj=2.4km s-min=2.0km az=92.0

PRXIMO, Pyrenees

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LABF Labassere, LAFB Viey, EPPF Esparros, etc.

MTLF Montlieu 1.66 78 ePn Pn 06 20 08.1 -2.1

MTLF Montlieu 1.66 78 ePn Pn 06 20 11.2 -1.2

MTLF Montlieu 1.66 78 ePn Pn 06 20 12.1 -1.2

MTLF Montlieu 1.66 78 ePn Pn 06 20 18.9 -1.4

MTLF Montlieu 1.66 78 ePn Pn 06 20 21.2 -1.2

EPOB Poblet 1.84 154 Pn Pn 06 20 14.6 -1.3

LFF La Frestaie 2.00 15 eSg Sg 06 20 44.7 -0.3

LFF La Frestaie 2.00 15 eSg Sg 06 20 47.7 -0.3

RFA Horta de San J 2.07 173 Lg Pn 06 20 47.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RLF La Frestaie, RFF Horta de San J, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, H, m, s, ISC, Time, Res. Includes stations like CEP Cherat, CHCP Chirah Chowk, THW Thamme Wali, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, H, m, s, ISC, Time, Res. Includes stations like ARCES ARCESS Array B, NOA NORSAR Array B, TORD Torodi Ar. Bea, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, H, m, s, ISC, Time, Res. Includes stations like NB2 NORSAR Subarra, NOA NORSAR Array B, WRAB Tennant Creek, etc.

2006 DEC

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like GHIR, IDAH, IPAR, Mook, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like TEIG, CMIG, TXAR, ULM, etc.

STR 09:08:13:15.8:0.1, 4759N:761E, h5km, 1km, M12.0, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like BALST, BOURR, SULZ, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like LUBP, POLP, BUSP, etc.

NEIC 09:08:11:56.0:0.5, 1430S:7593W, mb4.8/2, Error ellipse: s-maj=21.0km s-min=9.5km az=61.0

NEIC Felt [III] at Ica and [II] at Palpa. IDC 09:08:11:56.0:0.9, 1417S:7580W, h49km, 5km, mb3.8/6, mb1.4/0.9, mb1mx3.9/17, mbtrmp3.9/9, MS3.7/10, Ms1.3/7.10, ms1mx3.5/21, Error ellipse: s-maj=35.4km s-min=18.5km az=53.0

ISCJJB 09:08:11:59.6:1.4, 1426S:010:757W.02, h94km, 13km, mb4.1/7, Error ellipse: s-maj=28.3km s-min=8.9km az=119.3

ISC 09:08:11:60.0:1.2, 1428S:010:757W.02, h90km, 11km, h76km, 8.8km: p-P, n38, o868/25, mb4.1/7, Near coast of Peru

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like NNA, NNA, LPAZ, etc.

BUI 09:08:26:37.0, 1265N:12156E, h15km, mb5.0, mb4.6, Ms4.2, Ms2.0

IDC 09:08:26:40.8:0.7, 1339N:121.42E, h0km, mb4.2/13, mb1.4/4.13, mb1mx4.2/23, mbtrmp4.2/13, MS4.0/14, Ms1.4/0.14, ms1mx3.8/24, Error ellipse: s-maj=31.5km s-min=11.2km az=67.0

MAN 09:08:26:42.4, 1343N:12151E, h0km, mb4.6, ML5.3, MS1.6

NEIC 09:08:26:43.0:0.4, 1337N:12153E, h15km, mb4.9/10, Error ellipse: s-maj=12.9km s-min=6.5km az=64.0

NEIC Felt [IV PIVS] at Boac, Marinduque, Felt [III PIVS] at Batangas and [II PIVS] at Lipa, Luzon. MOS 09:08:26:43.8:1.4, 1349N:12169E, h33km, mb4.9/15, Error ellipse: s-maj=16.5km s-min=8.4km az=118.5

ISCJJB 09:08:26:45.7:0.3, 1343N:002:12152E.003, h49km, 4km, mb4.6/41, MS4.0/18, Error ellipse: s-maj=4.9km s-min=3.6km az=168.0

ISC 09:08:26:44.4:0.7, 1345N:002:12155E:003, h19km, 4km, n96, e1923/106, mb4.6/41, MS4.0/18, 12C-6D, Mindoro

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like BOAC, TGY, OTRP, etc.

LSA Lhasa 32.43 305 P P 08 33 14.1 +0.9

LSA Lhasa 32.43 305 P P 08 33 14.1 +0.9

LSA Lhasa 32.43 305 P P 08 33 14.1 +0.9

LSA Lhasa 32.43 305 P P 08 33 14.1 +0.9

LSA Lhasa 32.43 305 P P 08 33 14.1 +0.9

LSA Lhasa 32.43 305 P P 08 33 14.1 +0.9

LSA Lhasa 32.43 305 P P 08 33 14.1 +0.9

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like KLR, KKN, DMN, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Inuvik, Chkalovo, YKFA, etc.

STR 09:05:34.4: 0.7, 4756N:756E, h5km, 1km, M11.6, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

BUI 09:24:41.1, 486N-9477E, h30km, mb5.1, mb5.3, Ms4.7, Ms2.5

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Nakhon Sawan, KKKK, PALK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SVW2, IMA2, SONM, etc.

IDC 09 10:12:11.6:1.4, 2892Sx17667W, h0km, mb4.2/3, mb1.4/4, mb1mx4.1/13, mbtmp4.2/4, ML4.0/1, MS3.7/1, Ms1.3/6.1, ms1mx2.8/22, Error ellipse: s-maj=46.7km s-min=22.6km az=157.0

ISCJB 09 10:12:13.9:1.1, 291S:02.1765W:0.1, h33km, mb4.2/4, MS3.7/1, Error ellipse: s-maj=25.2km s-min=13.6km az=153.4

NEIC 09 10:12:17.2:3.0, 2897Sx17673W, h43km, 24km, mb4.5/1, Error ellipse: s-maj=3.7km s-min=25.7km az=188.0

ISC 09 10:12:13.9:6.9, 289S:02.1767W:0.2, h17km, 45km, n13, 0852/13, mb4.2/4, MS3.7/1, Keradec Islands region

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

STR 09 10:18:29.7:0.6, 4756N:760E, h5km, 1km, M11.7, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 09 10:18:30.6:0.2, 4761N:759E, h7km, Md2.0/2, M1.4/4, Error ellipse: s-maj=3.6km s-min=1.8km az=108.0

ZUR 09 10:18:30.4, 4758N:760E, h4km, 1km, ML1.3, 1C, Switzerland

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

IDC 09 10:27:36.6:0.9, 5113N:16008E, h0km, mb3.9/12, mb1.4/12, mb1mx3.9/25, mbtmp3.9/12, MS3.9/1, Ms1.3/9.1, ms1mx2.8/37, Error ellipse: s-maj=28.1km s-min=17.0km az=166.0

MOS 09 10:27:39.1:1.1, 5104N:16012E, h24km, mb4.2/9, Error ellipse: s-maj=16.1km s-min=6.6km az=94.4

KRSC 09 10:27:39.0:1.2, 5113N:16036E, h31km, 31km, ML4.2, ISCJB 09 10:27:40.0:0.9, 5110N:004:16015E:0.07, h45km, 7km, mb4.0/17, MS3.9/1, Error ellipse: s-maj=8.5km s-min=5.9km az=7.1

NEIC 09 10:27:41.8:4.7, 5114N:16011E, h34km, 33km, mb4.3/2, Error ellipse: s-maj=14.6km s-min=10.4km az=158.0

ISC 09 10:27:42.0:0.9, 5107N:005:16008E:0.07, h42km, 7km, n61, 0899/79, mb4.0/17, MS3.9/1, 7C, Off east coast of Kamchatka Peninsula

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

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

YAK YAKUTSK 19.82 315 eP Pn 10 32 08.8 -2.0

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

YAK YAKUTSK 19.82 315 eP Pn 10 32 07.9 -2.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like 36m0.9s, ECH, ECH, etc.

STR 09 10:36:14.9:0.2, 4757N:760E, h5km, 1km, M11.8, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 09 10:36:15.3:0.2, 4759N:759E, h8km, Md2.3/2, M1.2/3, Error ellipse: s-maj=3.2km s-min=1.9km az=109.0

SWITZERLAND

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

ISCJB 09 10:40:36.8:0.8, 351N:006:7694W:0.06, h95km, 11km, mb3.6/4, Error ellipse: s-maj=11.7km s-min=8.1km az=67.1

IDC 09 10:40:36.4:6.3, 329N:7698W, h77km, 45km, mb3.4/4, mb1.3/7.5, mb1mx3.4/18, mbtmp3.5/5, ML3.3/1, Error ellipse: s-maj=57.2km s-min=25.3km az=18.0

NEIC 09 10:40:39.1, 350N:7687W, h68km, After RSNC, NEIC Felt at Cali

ISC 09 10:40:38.4:0.7, 350N:006:7695W:0.06, h89km, 10km, n12, 0895/12, mb3.6/4, Colombia

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

IDC 09 10:42:35.5:1.1, 1502N:14768E, h0km, mb3.5/5, mb1.3/7.6, mb1mx3.6/21, mbtmp3.5/6, ML3.3/1, Error ellipse: s-maj=35.2km s-min=21.2km az=110.0

ISCJB 09 10:42:39.5:0.8, 1501N:01:1476E:0.1, h35km, mb3.6/6, Error ellipse: s-maj=22.6km s-min=10.0km az=99.3

NEIC 09 10:42:41.6:0.7, 1502N:14747E, h40km, mb4.4/1, Error ellipse: s-maj=22.2km s-min=12.5km az=118.0

ISC 09 10:42:41.2:0.6, 1501N:01:1476E:0.1, h35km, n10, 0899/10, mb3.6/6, Mariana Islands region

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

STR 09 10:52:23.3:0.7, 4756N:756E, h5km, 1km, M11.6, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 09 10:52:23.7:0.3, 4760N:759E, h7km, Md1.9/2, M1.9/4, Error ellipse: s-maj=4.8km s-min=3.6km az=96.0

ZUR 09 10:52:23.6, 4759N:760E, h4km, 1km, ML1.1, 1C-1D, Switzerland

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KIV Kislovodsk, SONM Songir Arr, AKASG Malin Array Be, HIA Hailar, FINES FINESS Array B, etc.

MOS 09 12:13:59.6: 1.8, 6088N:16534E, h10km, mb3.9/3, Error ellipse: s-maj=65.0km s-min=23.2km az=87.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BILL Bilibino, INK Inuvik, YKA Yellowknife Arr, MKAR Makanchi Array, etc.

IDC 09 12:34:25.6: 1.0, 4593N:15420E, h0km, mb3.4/6, mb1 3.7/6, mb1mx3.5/22, mbtmp3.4/6, Error ellipse: s-maj=36.9km s-min=27.5km az=111.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KUR Kuril'sk, SKR Severo-Kuril's, MKAR Makanchi Array, YKA Yellowknife Arr, FINES FINESS Array B, etc.

ISCJB 09 13:03:05.1: 0.6, 3862N:003:063W, h0km, mb3km, Error ellipse: s-maj=5.9km s-min=2.8km az=101.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ETOB Tobarra, EMUR La Murta, EMUR La Murta, EMUR La Murta, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EBAJ Asahikawa, EQES Quesada, EQES Quesada, EQES Quesada, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SJPF Ste Jean, ELIZ Elizondo, EALK Akkurunt, EMIN Mina Concepcio, etc.

ISCJB 09 14:06:06.7: 1.6, 160S:02:1742W, h1, h125km, 17km, mb4.1/11, Error ellipse: s-maj=30.6km s-min=15.7km az=101.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, AFI Afiamalu, AFI Afiamalu, URZ Urewera, etc.

NEIC 09 14:16:46.1, 1608N:9693W, h15km, MD4.0(MEX), After MEX.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HUIG Huatulo, HUIG Huatulo, VHO Vista Hermosa, VHO Vista Hermosa, etc.

STR 09 14:17:38.9: 0.3, 4756N:760E, h5km, 1km, M11.8, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BALST Balsthal, BOURN Bournign, SULZ Sulz-Chsische, etc.

9d 14h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASHO, DIY, KAC, UZH, etc.

2006 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like BRG, CORM, XSO, etc.

314

Table with columns for station name, frequency, power, and other technical details. Includes stations like GAL1, GAL2, PKSN, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SHUT, SKP1, GRUS, GIVF, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LOS, ZUR, SULZ, PRK, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LTX, LTX, LTX, LTX, etc.

9d 15h

Table with columns: SBF, Sospel, 82.30 332 eP, P, 15 00 32.9 0.0, etc. Lists various stations and their frequencies.

2006 DEC

Table with columns: SJPF, Ste Jean, 85.52 337 eP, P, 15 00 49.4 +0.5, etc. Lists various stations and their frequencies.

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Table with columns: LIC, Lamto, 121.09 327 ePKPdf, PKPdf, 15 06 58.6 -2.0, etc. Lists various stations and their frequencies.

NEIC 09 15:08:15.0±1.5, 1929S-17577W, h100km, mb4.7/4, Error ellipse: s-maj=77.7km s-min=21.0km az=156.0, etc. Includes station names and coordinates.

Table with columns: VNA2, Neumayer-Watz, 90.28 176 e, P, 15 21 05.3 +0.1, etc.

ISCJB 09 15:12:10.4+1.0, 4443N.005x1297W.01, h11km, 13km, mb3.5/2, MS4.0/1, Error ellipse: s-maj=16.4km

IDC 09 15:12:10.4+1.5, 4444N.12972W, h0km, mb3.4/3, mb1 3.8/6, mb1mx3.6/23, mbtrmp3.5/6, ML3.7/3, MS4.1/1, Ms1 4.0/1, ms1mx2.9/23, Error ellipse: s-maj=63.6km

NEIC 09 15:12:12.6+1.9, 4452N.12972W, h10km, Error ellipse: s-maj=22.8km s-min=8.9km az=83.0

ISC 09 15:12:12.3+1.3, 4438N.005x1298W.01, h17km, 16km, n90, o576/101, mb3.5/2, MS4.0/1, 26C-31D, Off coast of

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

Table with columns: NEW, Newport, 9.57 62 Pn, 15 14 28.6 -0.7, etc.

IDC 09 15:39:25.2+1.0, 4719N.15392E, h0km, mb3.9/14, mb1 4.1/15, mb1mx4.0/23, mbtrmp3.9/15, ML3.3/1, Error ellipse: s-maj=25.1km s-min=20.6km az=146.0

NEIC 09 15:39:27.8+1.1, 4726N.15372E, h10km, mb4.3/5, Error ellipse: s-maj=26.7km s-min=10.2km az=148.0

ISCJB 09 15:39:30.9+1.5, 473N.01x1538E.01, h48km, 12km, mb4.1/22, Error ellipse: s-maj=22.3km s-min=8.4km

MOS 09 15:39:30.9+0.8, 4722N.15380E, h56km, mb4.3/13, Error ellipse: s-maj=17.3km s-min=10.5km az=77.3

ISC 09 15:39:34.1+1.5, 474N.01x1538E.01, h58km, 11km, n49, o090/51, mb4.1/22, Kuril Islands

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

Table with columns: GERES, GRESS Array B, 78.06 334 P, 15 51 26.9 +0.4, etc.

ISC 09 15:47:28.2+0.6, 3290S.6789W, h3km, 4km, MD3.8, ML3.6, 5C-1D, Mendoza Province

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

ISCJB 09 15:47:35.6+0.5, 1666S.008.6948W.005, h191km, 4km, mb4.0/13, Error ellipse: s-maj=13.6km s-min=7.8km

NEIC 09 15:47:36.4+0.8, 1667S.6948W, h186km, 8km, mb4.3/8, Error ellipse: s-maj=17.6km s-min=11.4km az=207.0

IDC 09 15:47:39.5+1.0, 1627S.6914W, h196km, 5km, mb3.6/9, mb1 3.8/10, mb1mx3.7/19, mbtrmp3.6/10, Error ellipse: s-maj=34.8km s-min=14.5km az=29.0

ISC 09 15:47:36.8+0.5, 1674S.008.6952W.006, h185km, 4km, n31, o194/34, mb4.0/13, 1C-1D, Peru-Bolivia border

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ARCES ARCESS Array B, BRTR Keskin Array B, FINES FINES Array B, etc.

ISCJB 09 16:33:17.6:0.8, 137N:0.1:1449E:0.3, h126km, 6km, mb3.7/9, Error ellipse: s-maj=43.6km s-min=17.8km az=177

IDC 09 16:33:17.5:1.6, 138ON:14530E, h117km, 8km, mb3.3/7, mb1.3/4.7, mb1mx3.4/2.1, mbtpm3.3/7, Error ellipse: s-maj=51.1km s-min=18.4km az=85.0

NEIC 09 16:33:18.8:1.2, 1367N:14505E, h123km, 9km, mb4.2/2, Error ellipse: s-maj=39.2km s-min=16.1km az=92.0

ISC 09 16:33:18.5:1.0, 137N:0.1:1450E:0.3, h120km, 6km, n13, 0.1910/14, mb3.7/9, Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like GUMO Guam, KRSR Korea Array, WRAP Tennant Creek, etc.

IDC 09 16:47:21.4:4.6, 3230S:19737W, h180km, 38km, mb4.2/6, mb1.4/3.7, mb1mx4.1/1.4, mbtpm4.2/7, MS.0/1, Ms1.3/0.1, ms1mx2.6/2.5, Error ellipse: s-maj=34.5km s-min=18.4km az=44.0

NEIC 09 16:47:26.0:1.2, 3277S:19777W, h233km, 11km, mb4.6/12, Error ellipse: s-maj=14.7km s-min=13.1km az=86.0

ISCJB 09 16:47:27.0:0.9, 3296S:006:1794E:0.1, h235km, 8km, n105, 0.1917/100, mb4.6/16, 4C, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, KUZ Kuoatou, WAZ Wanganui, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like AFI Afiamalu, ARMA Armidale, CNB Canberra Magne, etc.

MOS 09 16:52:37.7:1.3, 5581N:11007E, h9km, mb4.5/3, Error ellipse: s-maj=12.3km s-min=7.7km az=64.3

ISCJB 09 16:52:38.1:0.3, 5570N:003:11017E:0.04, h10km, mb3.5/7, Error ellipse: s-maj=4.1km s-min=2.5km az=121.5

IDC 09 16:52:38.8:1.1, 5589N:11012E, h0km, mb3.6/7, mb1.3/7.9, mb1mx3.6/2.4, mbtpm3.6/2.4, Error ellipse: s-maj=27.3km s-min=21.8km az=79.0

NEIC 09 16:52:39.9:0.8, 5584N:11005E, h10km, mb3.5/2, Error ellipse: s-maj=16.4km s-min=11.4km az=113.0

BYKL 09 16:52:39.6:0.2, 5569N:11019E, h7km, 4km

ISC 09 16:52:39.5:0.3, 5573N:003:11018E:0.04, h10km, n56, 0.1930/102, mb3.5/7, 9C-3D, Lake Baykal region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like NIZ Nizh Angarsk, KMO Kumora, YOA Uoyan, etc.

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

9d 17h

Table with columns: Station Name, Code, Time, Res, and various parameters. Includes stations like ZAK, MOY, ORL, SONM, etc.

STR 09 16:54:04.9.0.1, 4759N;761E, h5km, 1km, M1.2, 1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BBS, BALST, BOURN, etc.

2006 DEC

Table with columns: Station Name, Code, Time, Res, and various parameters. Includes stations like SALAN, DAVOX, RFYF, etc.

ISC 09 17:11:53.7.0.1, 5258N;16060E, h2km, h23km, h23km, 3.4km, p-P, n787, 0.895/783, mb5.1/214, MS4.9/65, 131C-108D, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SPN, NLC, PET, etc.

320

Table with columns: Station Name, Code, Time, Res, and various parameters. Includes stations like UGL, YSS, YUK, etc.

9d 17h

Table with columns for call sign, frequency, power, and other technical details. Includes stations like ZIMR, BFO, KBA, CDF, WTTA, ECH, etc.

2006 DEC

Table with columns for call sign, frequency, power, and other technical details. Includes stations like RJJF, CAF, LFF, SMRF, CSS, FRF, LASF, PPT, etc.

324

Table with columns for call sign, frequency, power, and other technical details. Includes stations like RUS, RUS, PET, AVH, GRL, GNL, etc.

9d 19h

Table listing station names, coordinates, and various parameters for stations in the 9d 19h region. Includes stations like ARU, DMN, GKN, KOLN, etc.

Table listing station names, coordinates, and various parameters for stations in the 2006 DEC region. Includes stations like SPN, NLC, RUS, etc.

Table listing station names, coordinates, and various parameters for stations in the DLBC, YKA, and other regions. Includes stations like DLBC, YKA, ARCES, etc.

MOS 09 18:39:59.3; 1.6, 5242N; 160.96E, h9km, mb4.2/8, Error ellipse: s-maj=18.4km s-min=9.5km az=101.8

ISC/JB 09 18:40:04.7; 0.8, 5265N; 160.63E, h16km, 16km, MLL4.3, Error ellipse: s-maj=12.6km s-min=5.4km az=97.9

ISC 09 18:40:02.5; 1.2, 5247N; 004.16073E; 0.06, h9km, 6km, n48, Error ellipse: s-maj=146.0km s-min=40.1km az=8.0, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Port Moresby, Tubuai, Stephens Creek, Warrungarra, etc.

NIED 09:20:47.0.3540N:140.40E, h59km, Mw3.8 Best double couple: M5: 18000... 1.104.00000... NP2: 156.00000... 1.22.00000...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Nagara, Katsura, Boso, etc.

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

NIED 09:20:55.0.4690N:153.20E, h11km, Mw3.9 Best double couple: M5: 24000... 1.101.00000... NP2: 214.00000... 1.157.00000...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Kuril'sk, Matias Romero, Vista Hermosa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Biratori, Urakawa-nobuka, Noboribetsu, Kayabe, etc.

IDC 09:20:58:52.7-8.7, 1903S:17787W, h557km, 100km, mb3.0/4, mb1 3.2/4, mb1mx3.0/14, mbtmp3.0/4, Error ellipse: s-maj=117.9km s-min=40.5km az=163.0, Fiji island region

NEIC 09:21:00:27.9, 1587N:95.14W, h15km, MD3.9 (MEX), After MEX. MEX 09:21:00:28.0-0.4, 1587N:95.14W, h23km, 21km, MD3.9, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Huatulco, Matias Romero, Vista Hermosa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Kuril'sk, Yuzh-Sakhalins, Rausu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Kuril'sk, Matias Romero, Vista Hermosa, etc.

SZGRF 09:21:20:21.1, 4676N:149.18E, h33km, mb4.5, Kuril Islands, Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Kuril'sk, Matias Romero, Vista Hermosa, etc.

331 DUG Dugway 6.61 240 ePn Pn 22 06 53.1 -1.1

MOS 09 22:29:30.8; 1.2, 4785N; 15475E, h33km, mb4.0/1, Error ellipse: s-maj=34.4km s-min=15.4km az=56.4

Code Station Name Δ° AZ° Phase ID Op ISC h m s ISC Time Res h m s ISC

Code Station Name Δ° AZ° Phase ID Op ISC h m s ISC Time Res h m s ISC

STR 09 23:03:12.2; 0.2, 4756N; 758E, h5km, 1km, M1.5, Error ellipse: s-maj=0.6km s-min=0.5km az=11.0

Code Station Name Δ° AZ° Phase ID Op ISC h m s ISC Time Res h m s ISC

CSEM 09 23:08:49.6, 6719N; 2068E, h0km, ML2.8, Mining explosion. After UPP

Code Station Name Δ° AZ° Phase ID Op ISC h m s ISC Time Res h m s ISC

NEIC 09 23:09:55.2, 3270S; 7180W, h17km, ML3.8(GUC), After GUC

Code Station Name Δ° AZ° Phase ID Op ISC h m s ISC Time Res h m s ISC

2006 DEC PTCH Petorca 0.85 60 i/P Pb 23 10 10.7 -0.9

Code Station Name Δ° AZ° Phase ID Op ISC h m s ISC Time Res h m s ISC

Code Station Name Δ° AZ° Phase ID Op ISC h m s ISC Time Res h m s ISC

Code Station Name Δ° AZ° Phase ID Op ISC h m s ISC Time Res h m s ISC

NEIC 09 23:46:31.2; 3.9, 668S; 14875E, h0km, mb3.4/2, mb1 3.7/4, mb1mx3.5/15, mbtmp3.5/4, ML3.4/2, Error ellipse: s-maj=119.8km s-min=35.8km az=112.0

Code Station Name Δ° AZ° Phase ID Op ISC h m s ISC Time Res h m s ISC

NEIC 09 23:50:22.3; 0.9, 4729N; 15475E, h10km, mb4.2/3, Error ellipse: s-maj=22.9km s-min=15.4km az=161.0

Code Station Name Δ° AZ° Phase ID Op ISC h m s ISC Time Res h m s ISC

10d 0h INK Inuvik 40.55 33 P Pmax Pmax 23 58 01.1 -0.5

CSEM 10 00:03:35.1, 3655N; 5499E, h14km, ML3.5, After THR

Code Station Name Δ° AZ° Phase ID Op ISC h m s ISC Time Res h m s ISC

NEIC 10 00:17:05.0; 1.5, 599S; 15408E, h35km, Error ellipse: s-maj=47.6km s-min=14.5km az=121.0

Code Station Name Δ° AZ° Phase ID Op ISC h m s ISC Time Res h m s ISC

NEIC 10 00:33:06.6, 2752S; 6916W, h97km, MD3.1(GUC), After GUC

Code Station Name Δ° AZ° Phase ID Op ISC h m s ISC Time Res h m s ISC

NEIC 10 00:33:56.0; 2.6, 588S; 15055E, h10km, mb3.9/1, Error ellipse: s-maj=111.0km s-min=24.7km az=122.0

Code Station Name Δ° AZ° Phase ID Op ISC h m s ISC Time Res h m s ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Strazhica, Gura Zlata, Uludag, Wetzell, Yambol, GERESS Array S, GERESS Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes NEIC 101:08:51.7, 3358S-7202W, h23km, ML2.9(GUC), After GUC, GUC 101:08:51.7-0.8, 3358S-7202W, h23km±19km, MD3.7, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Zakros, Khrisi, Karpathos, Neapolis, Sivas, etc.

KMI	S	S	03 31 42.9	-0.3
KMI	AMB	AMB		
comp=Z,22nm,1.3s,mb4.7				
KMI	AMB	AMB		
comp=Z,415nm,5.8s				
KMI	LR	LR		
comp=N,2um,18.0s,MS5.0				
KMI	LR	LR		
comp=E,1um,17.5s,MS5.0				
KMI	LR	LR		
comp=Z,2um,17.8s,MS4.9				
NANT	P	P	03 25 51.0	-1.4
Nan	P	P	39.37 287	
comp=Z,21nm,1.0s,mb5.8				
NST	P	P	03 25 54.5	0.0
Nakhon Sawan	P	P	39.63 282	
comp=Z,46nm,0.5s,mb5.5				
KULM	P	P	03 25 54.3	-0.6
Kulim	P	P	39.67 266	
KLR	P	P	03 25 52.0	-3.5
Kul'dur	P	P	39.74 351	
KLR	S	S	03 27 57.0	
KLR	eS	S	03 32 04.5	+6.7
comp=N,64nm,1.8s				
KLR	pmax	pmax		
comp=E,78nm,1.8s				
KLR	pmax	pmax		
comp=Z,240nm,1.8s,mb5.6				
KLR	MLR	MLR		
CD2	P	P	03 25 56.6	+0.1
CD2	PP	PP	39.87 307	
CD2	S	S	03 27 32.2	+4.9
CD2	S	S	03 32 00.3	+0.6
comp=Z,40nm,0.6s,mb5.3				
CD2	AMB	AMB		
comp=Z,470nm,4.7s				
CD2	LR	LR		
comp=N,2um,17.4s,MS5.0				
CD2	LR	LR		
comp=E,1um,16.7s,MS5.0				
CD2	LR	LR		
comp=Z,2um,13.0s,MS5.0				
HHC	eP	P	03 25 57.1	+0.3
Hu-ho-hao-te	eP	P	39.90 325	
HHC	AP	PP	03 26 07.2	+2.8
HHC	XP	PP	03 26 12.6	+5.2
HHC	PP	PP	03 27 34.4	+5.9
HHC	PcP	PcP	03 28 02.6	+0.5
HHC	PcS	PcS	03 31 50.6	-1.7
HHC	S	S	03 32 00.5	+0.3
HHC	SS	SS	03 32 20.0	+7.3
HHC	AMB	AMB		
comp=Z,26nm,1.0s,mb4.9				
HHC	AMB	AMB		
comp=Z,501nm,9.1s				
HHC	LR	LR		
comp=N,1um,24.4s,MS4.8				
HHC	LR	LR		
comp=E,1um,23.8s,MS4.8				
HHC	LR	LR		
comp=Z,2um,21.4s,MS4.8				
HHC	LR	LR		
BTO	eP	AMB	03 26 02.1	-0.7
Baotou	eP	AMB	40.63 324	
BTO	LR	LR		
comp=Z,20nm,2.0s,mb4.4				
BTO	LR	LR		
comp=N,228nm,5.9s				
BTO	LR	LR		
comp=E,400nm,18.4s				
DZM	P	P	03 26 05.0	+0.3
Mont Dzumak	P	P	40.86 142	
comp=E,22nm,0.8s,mb4.8,baz=344,slow=6.8,SNR=7.1				
CHG	P	P	03 26 07.4	+1.3
Chiang Mai	P	P	41.02 287	
comp=Z,26nm,1.1s,mb4.8				
CHTO	P	P	03 26 07.8	+1.7
Chiang Mai	P	P	41.02 287	
SNR=18				
CHTO	eP	P	03 26 07.4	+1.4
Chiang Mai	eP	P	41.02 287	
comp=E,25nm,1.0s,mb4.8				
CHTO	ePcP	PcP	03 28 07.5	+1.8
CHTO	LR	LR		
comp=Z,1um,21.0s,MS4.7				
ARMA	eP	P	03 26 09.8	-1.3
Armidale	eP	P	41.63 165	
ARMA	pP	pP	03 26 14.8	-3.9
STKA	iP	P	03 26 10.2	-1.3
Stephens Creek	iP	P	41.68 178	
comp=Z,3.8nm,0.8s,mb4.1				
STKA	eP	P	03 26 15.5	-3.6
STKA	eS	S	03 32 22.9	-3.8
STKA	eS	S	03 26 10.2	-1.2
Stephens Creek	eS	S	41.68 178	
comp=Z,4.6nm,0.8s,mb4.2,baz=347,slow=10,SNR=10				
STKA	LR	LR	03 44 00.2	
comp=Z,1um,19.6s,MS4.7,baz=358,slow=37				
LZH	P	P	03 26 15.9	+1.1
Lanzhou	P	P	42.09 314	
LZH	AP	PP	03 26 23.6	+1.2
LZH	PP	PP	03 27 57.0	+4.6
LZH	eS	S	03 32 33.0	+0.3
comp=Z,60nm,1.3s,mb5.1				
LZH	AMB	AMB		
comp=Z,360nm,4.5s				
LZH	LR	LR		
comp=N,2um,17.6s				
LZH	LR	LR		
FORT	P	P	03 26 16.2	-0.1
Forrest	P	P	42.27 196	
comp=Z,30nm,1.0s,mb4.9				
FORT	eP	P	03 26 23.2	-0.7
HIA	iP	P	03 26 19.7	-0.5
Hailar	iP	P	42.75 340	
HIA	MLR	MLR		
comp=Z,2um,22.0s				
OKH	eP	P	03 26 23.0	-2.9
Okha	eP	P	43.45 2	
PET	eS	S	03 26 40.0	-0.9
Petropavlovsk	eS	S	45.34 15	
PET	eS	S	03 33 20.2	0.0
PET	eSS	SS	03 36 38.8	-5.1
comp=Z,55nm,1.4s,mb5.2				
PET	smax	smax		
comp=N,2um,5.0s				
PET	smax	smax		
comp=N,1um,20.7s				
PET	MLR	MLR		
comp=Z,700nm,19.0s,MS4.6				
PET	eP	P	03 26 39.1	-1.8
Petropavlovsk	eP	P	45.34 15	
comp=Z,21nm,0.4s,mb5.3				
PET	LR	LR		
comp=Z,563nm,21.0s,MS4.5				
GTA	eP	P	03 26 50.0	+0.1
Gaotai	eP	P	46.47 316	
GTA	AP	PP	03 26 59.3	+1.7
GTA	XP	sP	03 27 03.1	+2.5
GTA	PcP	PcP	03 28 25.8	+1.6
GTA	PP	PP	03 28 38.8	-0.4
GTA	S	S	03 33 38.4	+1.9
GTA	KS	KS	03 36 55.7	
GTA	AMB	AMB		
comp=Z,21nm,1.8s,mb4.8				
GTA	AMB	AMB		
comp=Z,590nm,10.3s				
GTA	LR	LR		
comp=E,852nm,18.2s				
GTA	LR	LR		
comp=Z,990nm,20.9s,MS4.7				
GTA	LR	LR		
KLBR	eP	P	03 26 49.9	-2.0
Kellerberrin	eP	P	46.73 207	
comp=Z,29nm,1.2s,mb5.1				
KLBR	pP	P	03 26 57.5	-2.1
CIT	eP	P	03 26 56.2	+0.3
Chita	eP	P	47.24 338	
CIT	eP	P	03 34 00.0	
comp=Z,263nm,2.0s,mb5.8				
SONM	pmax	pmax	03 26 56.7	+0.2
Sonngo Array	pmax	pmax	47.33 329	
comp=Z,12nm,0.8s,mb4.9,baz=136,slow=6.2,SNR=55				
SONM	LR	LR	03 47 55.2	
TOO	P	P	03 26 58.9	+0.3
Toolangi	P	P	47.58 175	
comp=Z,12nm,1.4s,mb4.7				
TOO	eP	P	03 27 04.7	-1.6
TOO	eP	P	03 26 58.9	+0.3
TOO	ePP	pP	03 27 04.7	-1.6
TOO	pmax	pmax		
comp=Z,12nm,1.4s,mb4.7				
MUN	eP	P	03 26 59.5	-0.4
Mundaring	eP	P	47.76 208	
MUN	eP	P	03 27 06.3	-1.3
NWAO	eP	P	03 27 00.4	-2.1
Narogin (SRO)	eP	P	48.10 206	
NWAO	pmax	pmax		
comp=Z,29nm,1.1s				
NWAO	MLR	MLR		
comp=Z,965nm,20.0s				
NWAO	MLR	MLR		
comp=Z,29nm,1.1s,mb5.2				
NWAO	eP	P	03 27 00.4	-2.1
Narogin (SRO)	eP	P	48.10 206	
NWAO	LR	LR		
comp=Z,965nm,20.0s,MS4.8				
NWAO	eP	P	03 27 03.1	-0.5
CLNS	Chul'man	CLNS	48.23 349	
CLNS	pmax	pmax		

CLNS	comp=E,9.0nm,1.0s	pmax	pmax				
comp=Z,30nm,1.0s,mb5.3							
SHL	comp=N,20nm,0.9s	pmax	P				
Shillong	48.45 295	eP	x	03 27 05.2	0.0		
SHL	Lhasa	49.88 300	P	03 32 15.0			
LSA	Lhasa	49.88 300	P	03 27 18.0	+1.8		
LSA	Lhasa	49.88 300	eP	03 27 17.7	+1.5		
comp=Z,34nm,1.0s,mb5.3							
LSA	MLR	MLR					
comp=Z,860nm,21.0s,MS4.7							
LSA	Lhasa	49.88 300	eP	P	03 27 17.7	+1.5	
comp=Z,34nm,1.0s,mb5.3							
LSA	LR	LR					
MA2	Magadan	50.06	7	eP	P	03 27 16.4	-1.2
MA2	eS	S	03 29 26.6			03 34 26.4	-0.8
MA2	eSS	SS	03 39 29.2				
MA2	pmax	pmax					
comp=Z,10.0nm,0.7s,mb5.0							
MA2	MLR	MLR					
comp=Z,400nm,20.4s,MS4.4							
MA2	Magadan	50.06	7	PFAKE	LR	03 27 30.0	+1.2
MA2	Magadan	50.06	7	PFAKE	LR		
comp=Z,674nm,21.0s,MS4.6							
ZAK	Zakamensk	50.54 330	eP	P	pmax	03 27 20.9	-0.3
ZAK	pmax	pmax					
comp=Z,28nm,1.3s,mb5.0							
TLY	Talaya	51.20 331	P	P	03 27 26.2	0.0	
TLY	comp=Z,131nm,1.1s,mb5.8,SNR=9.3						
TLY	Talaya	51.20 331	eP	P	03 27 26.1	-0.1	
TLY	e	e	03 30 17.7				
TLY	ePPP	PPP	03 30 17.7				
TLY	eS	S	03 34 42.6	-0.5			
TLY	eSS	SS	03 38 18.0	-0.5			
TLY	pmax	pmax					
comp=Z,57nm,1.5s,mb5.3							
TLY	MLR	MLR					
comp=Z,1um,17.0s,MS5.1							
TLY	Talaya	51.20 331	eP	P	03 27 26.5	+0.3	
TLY	comp=Z,19nm,0.7s,mb5.1						
TLY	LR	LR					
comp=Z,263nm,19.0s,MS4.3							
IRK	Irkutsk	51.28 332	eP	P	03 27 26.3	-0.5	
IRK	pmax	pmax					
comp=Z,116nm,2.0s,mb5.5							
MOY	Mondy	52.47 330	eP	P	03 27 35.3	-0.3	
MOY	pmax	pmax					
comp=Z,116nm,2.8s,mb5.3							
YAK	Yakutsk	52.50 354	iP	P	03 27 34.3	-1.6	
YAK	pmax	pmax					
comp=Z,177nm,2.0s,mb5.7							
YAK	MLR	MLR					
comp=Z,1um,19.0s,MS4.9							
YAK	Yakutsk	52.50 354	eP	P	03 27 34.0	-1.8	
YAK	comp=Z,84nm,0.7s,mb5.8						
YAK	LR	LR					
comp=Z,1um,22.0s,MS4.9							
YAK	Afiamaul	53.05 116	PFAKE	LR	03 27 50.0	+1.0	
AFI	Afiamaul	53.05 116	PFAKE	LR			
comp=Z,2um,19.0s,MS5.2							
TAU	Tasmania Unive	55.05 174	eP	P	03 27 40.6	+0.6	
TAU	pmax	pmax					
comp=Z,64nm,1.2s,mb5.4							
TAU	MLR	MLR					
comp=Z,782nm,20.0s,MS4.8							
TAU	Tasmania Unive	55.05 174	eP	P	03 27 40.6	+0.6	
TAU	comp=Z,64nm,1.2s,mb5.4						
TAU	LR	LR					
comp=Z,782nm,20.0s,MS4.8							
SEY	Seymchan	53.52 71	eP	P	03 27 42.9	-0.5	
BOK	Bokaro	53.62 292	eP	P	03 27 44.4	+0.1	
BOK	AMB	AMB					
comp=Z,66nm,1.6s,mb5.3							
JIRN	Jiri	53.80 297	eP	P	03 27 46.3	+0.8	
JIRN	pmax	pmax					
comp=Z,8.3nm,0.3s,mb5.1							
GUN	Gumba	54.11 297	eP	P	03 27 48.7	+1.0	
GUN	pmax	pmax					
comp=Z,							

Table with columns: ELK, Elko, 94.18, 48, eP, P, 03 31 41.8 +0.2, etc. Lists various stations and their coordinates and status.

Table with columns: NB2, NORSTAR Subarra, 98.74, 338, PP, PP, 03 35 56.6 -6.9, etc. Lists various stations and their coordinates and status.

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res. Lists station data for CSEM and HEL.

ISCJB 10 03:41:11.8-0.5, 4423N, 003-2068E, 004, h21km, 6km, Error ellipse: s-maj=4.9km s-min=4.4km az=105.0

THE 10 03:41:11.6, 4432N, 2065E, h24km BEO 10 03:41:11.8-0.2, 4424N, 2076E, h15km

NEIC 10 03:41:14.5, 4429N, 2081E, h40km, MG3.0(BUC), After BUC.

ISC 10 03:41:11.8-0.4, 4424N, 002-2073E, 003, h13km, 3km, n38, 0f76/52, 19C-9D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res. Lists station data for GRUS, GRUS, SVIS, etc.

ISCJB 10 03:42:37.7-0.7, 3823N, 005-2662E, 006, h16km, 9km, Error ellipse: s-maj=8.7km s-min=7.3km az=132.0

ISK 10 03:42:38.3, 3814N, 2685E, h3km, MD2.8 CSEM 10 03:42:38.3, 3814N, 2685E, h3km, MD2.8, After ISK

ISC 10 03:42:37.4-1.0, 3817N, 004-2663E, 007, h3km, 13km, n12, 0f72/17, Aegean Sea

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res. Lists station data for URLA, URLA, BLCB, etc.

SKO 10 03:48:24.3, 3956N, 2019E, h15km CSEM 10 03:48:24.9-0.1, 3974N, 2038E, h1km, 1km, ML2.7, Error ellipse: s-maj=2.9km s-min=2.1km az=33.0

ATH 10 03:48:24.8, 3956N, 2041E, h8km, 3km, MD3.3/6 NEIC 10 03:48:24.8, 3956N, 2041E, h8km, MD3.3(ATH), After ATH.

THE 10 03:48:25.0, 3965N, 2040E, h10km, ML2.7 ISCJB 10 03:48:25.0-0.4, 3965N, 2041E, h10km, Error ellipse: s-maj=4.1km s-min=3.7km az=154.5

ISC 10 03:48:25.0-0.4, 3964N, 003-2040E, 003, h10km, n28, 0f107/41, Greece-Albania border region

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res. Lists station data for IGT, IGT, JAN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KURK Kurchatov, AAK Alpa-Archa, UCH Uchtor, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SSF Saint Sauge, BALST Balsthal, BOUR Bourrain, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like BGF Bois d'Agland, TCF Toulx Ste Croi, LASF Ste Croix, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ROSC El Rosal, SDV Santos Domingo, PCRV Puerto La Cruz, etc.

STR 10 05:38:22.2.0.4, 4756N:759E, h5km, 1km, M11.6, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 10 06:10:37.1.0.3, 4750N:002.743E, 003, h14km, 3km, Error ellipse: s-maj=3.0km s-min=2.9km az=17.2

IDC 10 06:48:05.5.1.2, 682N:7296W, h160km, 15km, mb2.9/3, mb1.3/4.6, mb1mx3.2/2.0, mbtmpp3.6/2, Error ellipse: s-maj=32.8km s-min=13.8km az=135.0, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like BALST Balsthal, BOUR Bourrain, SULZ Sulz-Cheische, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like CDF Champ du Feu, HAU Haudompre, STEIN Stein am Rhein, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SKR Severo-Kuril's, KUR Kuril'sk, MJAR Matsushiro Arr, etc.

STR 10 05:39:56.6.0.3, 4757N:759E, h5km, 1km, M11.6, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 10 05:39:57.0.0.2, 4759N:759E, h10km, M2.0/3, M11.9/9, Error ellipse: s-maj=3.0km s-min=1.6km az=122.0

IDC 10 06:59:36.1.4.3, 3587N:14024E, h81km, 26km, mb3.1/2, mb1.3/3.3, mb1mx3.0/2.2, mbtmpp3.4/3, Error ellipse: s-maj=56.7km s-min=10.0km az=62.0

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like BALST Balsthal, BOUR Bourrain, SULZ Sulz-Cheische, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like LOR Lormes, SMF Signal de Mont, SFTF Sextfontaines, etc.

ISCJB 10 06:59:37.0.7.0, 3577N:004.1987E, 007, h107km, 6km, mb3.6/2, Error ellipse: s-maj=10.4km s-min=6.0km az=130.0

JMA 10 06:59:38.9.0.1, 3579N:13986E, h98km, 2km, M2.9, Error ellipse: s-maj=3.8km s-min=0.7km az=17.0

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like JAG Ashikaga, JOD2 Odawara 2, JRY Ryogami san, etc.

NIED 10 07:16:00.2650N:12920E, h8km, Mw4.3 Best double couple: M3.50000-1015 NP1:phi188.00000, 873.00000, lambda-117.00000, NP2:phi68.00000, delta31.00000, lambda-35.00000

BUI 10 07:16:10.0, 2627N:12982E, h38km, mb4.5, mb4.6, Ms3.9, Msz3.6

IDC 10 07:16:13.9.0.7, 2646N:12907E, h0km, mb4.1/12, mb1.4/1.5, mb1mx4.1/2.4, mbtmpp4.0/1.5, ML4.4/2, MS3.4/5, Ms1.3/4.5, ms1mx3.1/3.5, Error ellipse: s-maj=20.3km s-min=13.6km az=55.0

ISCJB 10 07:16:15.7.1, 2647N:003.12919E, 003, h29km, 8km, mb4.3/2, MS3.8/2, Error ellipse: s-maj=5.7km s-min=1.4km az=115.1

JMA 10 07:16:16.8.0.2, 2649N:12919E, h43km, M4.0, Error ellipse: s-maj=21.8km s-min=11.6km az=101.9

NEIC 10 07:16:18.9.1.1, 2652N:12914E, h38km, 11km, mb4.4/4, Error ellipse: s-maj=11.6km s-min=9.3km az=84.0

ISC 10 07:16:17.5.1.1, 2651N:003.12912E, 003, h27km, 7km, n64, r193/76, mb4.3/2, MS3.8/2, Ryukyu Islands

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NAHI Naha, JAGN Aguni-jima, JAM Amami Oshima, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CTAO Charters Tower, ARMA Mont Dzumac, DZM Armidale, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BHPL comp=E,1.1nm,0.5s, AAK Ala-Archa, etc.

Code Station Name Azimuth Phase ID Time Res. Includes various station codes and names.

Table with columns: Code, Station Name, Az, Phase, ID, Op, H, m, s, Res, ISC. Includes stations like MTW, WEL, PAWZ, MSWZ, etc.

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

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

IDC 10 08:19:24.4,1.0, 3142N;7696E, h0km, mb4.0/14, mb1.4/2/15, mb1mx4.0/28, mb1mp4.0/15, ML3.9/1, Error ellipse: s-maj=25.4km s-min=3.0km az=31.0

NEIC 10 08:19:25.9,12.0, 3151N;7703E, h8km, mb4.0/3, Error ellipse: s-maj=41.6km s-min=17.6km az=169.0

NEIC Feil at Mandi and Sundargarh. ISCJB 10 08:19:28.5,0.5, 3156N;7705E, h22km, mb4.0, mb4.0/18, Error ellipse: s-maj=5.3km s-min=3.4km az=114.0

NDI 10 08:19:27.7,2.6, 3150N;7694E, h10km, ML3.6, mb4.0(NEIC)

MOS 10 08:19:28.6,0.8, 3163N;7704E, h33km, mb4.0/6, Error ellipse: s-maj=22.1km s-min=7.6km az=100.3

BUI 10 08:19:32.7, 3210N;7751E, h8km, mb4.0

ISC 10 08:19:27.6,0.4, 3153N;7705E, h37km, mb2km, n70, r1920/90, mb4.0/18, 3C, Northern India

MOS 10 08:35:52.3,1.0, 5572N;110.14E, h14km, mb4.4/1, Error ellipse: s-maj=15.5km s-min=10.3km az=75.7

BYKL 10 08:35:53.2,0.3, 5569N;11017E, h9km, mb4km, 8C-1D, Lake Baykal region

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ISCJB 10 08:36:08.3,0.9, 04N;02.1239E, h35km, mb4.4/9, Error ellipse: s-maj=47.0km s-min=10.0km az=120.7

IDC 10 08:36:21.5,6.5, 007N;12349E, h150km, mb2km, mb3.3/5, mb1.3/3/6, mb1mx3.2/18, mb1mp3.2/6, Error ellipse:

ISC 10 08:36:10.5,0.9, 04N;02.1239E, h35km, n14, r066/113, mb4.4/9, Minahassa Peninsula, Sulawesi

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

OBKA	Obir	4.61 346	Pn	Pn	11 04 49.7 +0.3
OBKA	Robic	4.61 336	i/Pn	Sn	11 05 42.6 +1.0
ROBS	Robic	4.61 336	i/Pn	Pn	11 05 39.2 -2.5
ROBS	Robic	4.61 336	i/Pn	Pn	11 05 49.4 +0.0
ROBS	Pernice	4.61 351	i/Pn	Pn	11 05 39.2 -2.5
PERS	Pernice	4.64 351	i/Pn	Pn	11 05 50.4 +0.5
PERS	Pernice	4.64 351	i/Pn	Pn	11 05 39.9 -2.7
PERS	Pernice	4.64 351	i/Pn	Pn	11 05 39.9 -2.7
TEOL	Teolo	4.65 317	i/Pn	Pn	11 04 49.6 -0.4
BAD	Bernadia	4.69 304	i/Pn	Pn	11 04 50.4 -0.1
BAD	Bernadia	4.69 304	i/Pn	Pn	11 04 50.0 -0.5
GSCL	Giuciolia	4.69 301	Pg	Pn	11 04 52.5 +2.0
GUA	Guia	4.72 327	i/Pn	Pn	11 04 53.0 +0.1
GMNA	Gemona	4.72 334	i/Pn	Pn	11 04 51.3 +0.3
SARO	Sassorosso	4.74 299	P	Pn	11 04 50.9 -0.3
VLC	Villacollemand	4.74 298	ePn	Pn	11 04 51.7 +0.5
VLC	Villacollemand	4.74 298	ePn	Pn	11 04 51.7 +0.5
VAE	Valguarnera	4.77 197	Pn	Pn	11 04 53.9 +2.3
VAE	Valguarnera	4.77 197	Pn	LR	11 07 28.4
VAE	Valguarnera	4.77 197	Pn	Pn	11 04 53.9 +2.3
VAE	Valguarnera	4.77 197	Pn	LR	11 07 28.4
MPRI	Monte Prat	4.78 332	i/Pn	Pn	11 04 51.8 +0.1
MPRI	Monte Prat	4.78 332	i/Pn	Pn	11 04 51.8 +0.1
MPRI	Monte Prat	4.78 332	i/Pn	Pn	11 04 51.8 +0.1
CAE	Caneva	4.79 327	i/Pn	Pn	11 04 51.8 +0.1
CAE	Caneva	4.79 327	i/Pn	Pn	11 04 51.8 +0.1
CAE	Caneva	4.79 327	i/Pn	Pn	11 04 51.8 +0.1
GRG	Griva	4.80 301	ePn	Pn	11 04 52.0 -0.0
PTCC	Patocco-Chiusa	4.80 336	Pg	Pn	11 04 52.0 -0.0
BOO	Bordano	4.81 334	i/Pn	Pn	11 04 51.9 -0.3
LSR	Lussari	4.81 338	i/Pn	Pn	11 04 52.6 +0.3
LSR	Lussari	4.81 338	i/Pn	Pn	11 04 52.0 -0.3
LSR	Lussari	4.81 338	i/Pn	Pn	11 04 52.6 +0.3
HAGA	Augusta	4.83 190	Pg	Pn	11 04 52.4 0.0
ERBM	Eremo	4.83 301	Pg	Pn	11 04 54.8 +2.3
MLNI	Malnisio	4.83 329	i/Pn	Pn	11 04 52.5 -0.1
MLNI	Malnisio	4.83 329	i/Pn	Pn	11 04 52.0 -0.0
MLNI	Malnisio	4.83 329	i/Pn	Pn	11 04 52.5 -0.1
VAY	Valandovo	4.84 97	ePn	Pn	11 04 52.3 -0.3
VAY	Valandovo	4.84 97	ePn	Pn	11 05 41.9 -5.6
VAY	Valandovo	4.84 97	ePn	Pn	11 05 41.9 -5.6
VAY	Valandovo	4.84 97	ePn	Pn	11 05 41.9 -5.6
VAY	Valandovo	4.84 97	ePn	Pn	11 05 41.9 -5.6
VAY	Valandovo	4.84 97	ePn	Pn	11 05 41.9 -5.6
AGST	Augusta-Monte	4.85 189	P	Pn	11 04 52.2 -0.4
AGST	Augusta-Monte	4.85 189	P	Pn	11 04 52.2 -0.4
CGRP	Cima Grappa	4.96 322	i/Pn	Pn	11 04 53.7 -0.6
SSY	Sortino	4.97 190	P	Pn	11 04 54.3 -0.1
BACM	Bacoma	4.99 299	P	Pn	11 04 54.4 -0.3
PLRO	Paularo	4.99 335	i/Pn	Pn	11 04 54.7 0.0
PLRO	Paularo	4.99 335	i/Pn	Pn	11 04 54.7 0.0
HVZN	Vizzini	5.00 194	Pg	Pn	11 04 55.9 +1.1
HVZN	Vizzini	5.00 194	Pg	Pn	11 04 56.0 +1.2
ZOU	Zoufuplan	5.06 334	i/Pn	Pn	11 04 55.7 +0.1
THL	Klokotos Trika	5.08 117	eP	Pn	11 04 55.9 0.0
PZI	Palazzolo	5.08 191	P	Pn	11 04 56.2 +0.3
GRAM	Gramolazzo	5.08 301	P	Pn	11 04 55.7 -0.3
KNT	Kendrikon	5.12 98	ePn	Pn	11 04 56.3 -0.1
CSMI	Casera Minoias	5.13 332	i/Pn	Pn	11 04 56.2 0.0
CSMI	Casera Minoias	5.13 332	i/Pn	Pn	11 04 56.0 -0.5
VLS	Valsamata	5.14 137	ePn	Pn	11 04 56.2 -0.5
HAVL	Avola	5.15 189	P	Pn	11 04 56.6 -0.3
KKB	Krupnik	5.15 90	i/Pn	Pn	11 04 58.4 +1.5
LIT	Litokhoron	5.15 110	ePn	Pn	11 04 56.5 -0.4
FAU	Forca Aurin	5.16 333	ePn	Pn	11 04 56.4 -0.1
FVI	Forni Avoltri	5.16 333	ePn	Pn	11 04 56.7 -0.3
CTI	Castel Tesino	5.16 322	Pg	Pn	11 04 56.7 -0.3
CTI	Castel Tesino	5.16 322	Pg	Pn	11 04 56.6 -0.4
CODM	Codomo	5.18 299	P	Pn	11 04 57.0 -0.3
ARSA	Arzberg	5.22 355	i/Pn	Pn	11 04 58.2 +0.4
ARSA	Arzberg	5.22 355	i/Pn	Pn	11 05 56.1 -0.6
ARSA	Arzberg	5.22 355	i/Pn	Pn	11 04 58.2 +0.4
ARSA	Arzberg	5.22 355	i/Pn	Pn	11 05 56.1 -0.6
CORF	Corte	5.23 275	P	Pn	11 04 58.9 +1.0
CORF	Corte	5.23 275	P	Pn	11 05 56.2 -0.7
VTS	Vitosha	5.24 82	i/Pn	Pn	11 04 59.4 +1.3
VTS	Vitosha	5.24 82	i/Pn	Pn	11 04 59.5 +1.4
DJES	Djerdap	5.30 59	i/Pn	Pn	11 04 59.9 +1.0
THE	Thessaloniki	5.30 103	ePn	Pn	11 04 58.2 -0.7
BZS	Buzias	5.31 46	P	Pn	11 05 00.6 +1.6
EVS	Evyrtania	5.31 124	ePn	Pn	11 05 00.4 +1.4
AFL	Alpe Falaria	5.32 329	i/Pn	Pn	11 04 59.5 +0.4
PGF	Pioggiola	5.35 278	ePn	Pn	11 04 59.1 -0.5
PGF	Pioggiola	5.35 278	ePn	Pn	11 05 56.0 -3.9
PGF	Pioggiola	5.35 278	ePn	Pn	11 04 59.1 -0.5
PGF	Pioggiola	5.35 278	ePn	Pn	11 05 56.0 -3.9
HORT	Hortobagony	5.41 103	ePn	Pn	11 04 59.7 -0.8
KBA	Koelnbreinsper	5.42 339	i/Pn	Pn	11 05 01.3 +0.8
KBA	Koelnbreinsper	5.42 339	i/Pn	Pn	11 06 02.3 +0.7
KBA	Koelnbreinsper	5.42 339	i/Pn	Pn	11 05 01.3 +0.8
MAGA	Magasa	5.47 315	P	Pn	11 05 02.3 +0.7
SEST	Monte Rota	5.49 330	P	Pn	11 05 02.1 +0.6
SOH	Sokhos	5.53 100	ePn	Pn	11 05 02.0 -0.1
AGG	Agios Georgios	5.55 121	ePn	Pn	11 05 03.0 +0.2
BOB	Bobbio (Coli)	5.60 301	Pg	Pn	11 05 04.8 +1.7
SOP	Sopron	5.64 31	ePn	Pn	11 05 04.1 +0.5
SOP	Sopron	5.64 31	ePn	Pn	11 06 03.0 -4.0
SOP	Sopron	5.64 31	ePn	Pn	11 05 03.5 -0.1
SOP	Sopron	5.64 31	ePn	Pn	11 05 04.1 +0.5
SOP	Sopron	5.64 31	ePn	Pn	11 06 03.0 -4.0
SRS	Serrai	5.64 97	ePn	Pn	11 05 03.5 0.0
SRS	Serrai	5.64 97	ePn	Pn	11 05 03.5 -0.1
MMB	Musomiste	5.66 92	P	Pn	11 05 05.0 +1.1
APPI	Appiano	5.67 323	Pg	Pn	11 05 03.9 -0.2
RLS	Riolos of Patr	5.69 133	Pg	Pn	11 05 04.9 +0.6
MABI	Malga Bissina	5.71 316	Pg	Pn	11 05 04.5 -0.1
PLG	Polgyros	5.73 105	ePn	Pn	11 05 04.3 -0.6
VSL	Villasalto	5.76 246	ePn	Pn	11 05 04.8 -0.5
VSL	Villasalto	5.76 246	ePn	Pn	11 06 08.6 -1.5
VSL	Villasalto	5.76 246	ePn	Pn	11 05 04.8 -0.5
VSL	Villasalto	5.76 246	ePn	Pn	11 06 08.6 -1.5
NWR	Neurokopi	5.79 94	ePn	Pn	11 05 09.7 +4.0
BUD	Budapest	5.79 19	Pn	Pn	11 05 04.8 +0.8
BUD	Budapest	5.79 19	Pn	eSB	11 06 35.8 +2.5
GZR	Gura Zlata	5.83 53	P	Pn	11 05 08.6 +2.3
GZR	Gura Zlata	5.83 53	P	Pn	11 05 05.9 -0.3
GZR	Gura Zlata	5.83 53	P	Pn	11 05 08.6 +2.3
CONA	Conrad Observa	5.88 358	i/Pn	Pn	11 05 07.2 +0.3
CONA	Conrad Observa	5.88 358	i/Pn	Pn	11 06 13.4 +0.4
SCE	Schlegelis	5.92 329	i/Pn	Pn	11 05 08.0 +0.6
MOA	Molin	5.95 347	i/Pn	Pn	11 06 13.3 -1.5
MOA	Molin	5.95 347	i/Pn	Pn	11 05 08.6 +0.7
MOA	Molin	5.95 347	i/Pn	Pn	11 06 13.3 -1.5
MOA	Molin	5.95 347	i/Pn	Pn	11 05 08.6 +0.7
XOR	Xorichti	5.97 114	ePn	Pn	11 05 07.3 -0.8
NEO	Neokhori	6.02 115	ePn	Pn	11 05 08.3 -0.5
BGLD	Berchtesgaden	6.03 339	i/Pn	Pn	11 05 09.6 +0.6
PAIG	Paliouri	6.06 108	ePn	Pn	11 05 08.2 -1.2
PAIG	Paliouri	6.06 108	ePn	Pn	11 05 08.1 -1.3
BRMO	Bormio	6.08 319	P	Pn	11 05 10.1 +0.5
PCP	Pian Castagno	6.10 293	P	Pn	11 05 09.4 +0.5
OUR	Ouranopolis	6.13 104	ePn	Pn	11 05 09.3 -1.1
WTTA	Wattenberg	6.13 330	i/Pn	Pn	11 05 19.7 +0.4
WTTA	Wattenberg	6.13 330	i/Pn	Pn	11 05 10.8 +0.4

WTTA	Wattenberg	6.13 330	i/Pn	Pn	11 06 19.7 +0.4
WTTA	Wattenberg	6.13 330	i/Pn	Pn	11 05 10.8 +0.4
WTTA	Wattenberg	6.13 330	i/Pn	Pn	11 06 19.7 +0.4
WTTA	Wattenberg	6.13 330	i/Pn	Pn	11 05 10.8 +0.4
PENC	Penc	6.14 201	ePn	Pn	11 05 11.0 +0.5
QLNO	Quiliano	6.16 294	P	Pn	11 05 11.1 +0.4
ZST	Bratislava	6.18 6	P	Pn	11 05 11.6 +0.6
BERNI	Berninapass	6.21 317	i/Pn	Px	11 05 03.2
BERNI	Berninapass	6.21 317	i/Pn	Pn	11 05 11.7 +0.3
FIN	Finale Ligure	6.22 293	Pg	Pn	11 05 11.6 +0.1
FIN	Finale Ligure	6.22 293	Pg	Pn	11 05 11.5 0.0
WATA	Walderalm	6.22 330	i/Pn	Pn	11 06 23.5 +2.2
WATA	Walderalm	6.22 330	i/Pn	Pn	11 05 12.2 +0.7
WATA	Walderalm	6.22 330	i/Pn	Pn	11 06 23.5 +2.2
WATA	Walderalm	6.22 330	i/Pn	Pn	11 05 12.2 +0.7
LKR	Lokris	6.22 121	ePn	Pn	11 05 11.2 -0.4
FUORN	Ofenpass	6.23 319	i/Pn	Px	11 05 04.4
FUORN	Ofenpass	6.23 319	i/Pn	Pn	11 05 12.1 +0.4
SOTA	Sankt Quirin	6.26 327	i/Pn	Pn	11 06 23.3 +0.8
SOTA	Sankt Quirin	6.26 327	i/Pn	Pn	11 05 12.9 +0.7
SOTA	Sankt Quirin	6.26 327	i/Pn	Pn	11 06 23.3 +0.8
SOTA	Sankt Quirin	6.26 327	i/Pn	Pn	11 05 12.9 +0.7
PLD	Plovdiv	6.34 87	i/Pn	Pn	11 05 14.6 +1.3
IMI	Imperia	6.36 290	P	Pn	11 05 14.2 +0.8
RZN	Rozhen	6.38 90	i/Pn	Pn	11 05 15.3 +1.5
MOT	Moosalm	6.41 327	i/Pn	Pn	11 06 28.6 +2.6
MOT	Moosalm	6.41 327	i/Pn	Pn	11 05 14.9 +0.8
MOTA	Moosalm	6.41 327	i/Pn	Pn	11 06 28.6 +2.6
MOTA	Moosalm	6.41 327	i/Pn	Pn	11 05 14.9 +0.8
PSZ	Piszkesteto	6.43 231	ePn	Pn	11 05 14.2 -0.2
PSZ	Piszkesteto	6.43 231	ePn	Pn	11 05 19.3 +4.9
PSZ	Piszkesteto	6.43 231	ePn	Pn	11 05 14.2 -0.2
MUGIO	Muggio	6.44 309	i/Pn	Px	11 05 04.8
MUGIO	Muggio	6.44 309	i/Pn	Pn	11 05 13.1 -1.5
NEGI	Negi	6.47 289	P	Pn	11 05 14.9 -0.1
ROB	Roburent	6.47 293	P	Pn	11 05 14.6 -0.5
SMOL	Smolenski	6.49 291	P	Pn	11 05 15.9 +0.6
SMOL	Smolenski	6.49 291	P	Pn	11 05 16.3 +0.6
AOX	Anlonniss	6.53 114	ePn	Pn	11 05 14.5 -1.3
DAVOS	Davos	6.53 318	i/Pn	Px	11 05 05.1
DAVOS	Davos	6.53 318	i/Pn	Pn	11 05 16.5 +0.7
VDL	Val di Lei	6.54 315	i/Pn	Px	11 05 06.5
VDL	Val di Lei	6.54 315	i/Pn	Pn	11 05 16.5 +0.5
ITM	Ithomi	6.58 136	ePn	Pn	11 05 16.0 -0.6
ITM	Ithomi	6.58 136	ePn	Pn	11 05 15.3 -1.3
TUE	Tuetzia	6.60 314	ePn	Pn	11 05 15.9 -0.9
SAOF	Saorge	6.61 290	P	Pn	11 05 18.3 +1.4
DRGR	Drobnik	6.66 42	i/Pn	Pn	11 05 20.3 +2.8
SBF	Sospel	6.67 289	ePn	Pn	11 05 18.2 +0.5
SBF	Sospel	6.67 289	ePn	Pn	11 06 27.8 -4.6
SBF	Sospel	6.67 289	ePn	Pn	11 05 18.2 +0.5
SBF	Sospel	6.67 289	ePn	Pn	11 06 27.8 -4.6
REVV	Revere	6.69 288	P	Pn	11 05 18.7 +0.7
AUTN	L'Aution	6.70 290	P	Pn	11 05 19.6 +1.4
VYHS	Vyhne	6.71 15	ePn	Pn	11 05 18.9 +0.6
MONC	Monucco Torin	6.71 300	Pg	Pn	11 05 29.5 -3.9
ENR	Entraque	6.76 292	P	Pn	11 05 18.8 +0.5
TOUF	Mont Tournairi	6			

KSP		eSn	Sn	11 07 18.0	-6.7	
WERD	Werda	8.81 344 ePn	Pn	11 05 46.2	-0.9	
VIVF	Saint-Julien-1	8.83 292 ePn	Pn	11 05 45.6	-1.7	
VIVF	comp=Z,32nm,0.6s		Sn	11 07 18.3	-7.2	
VIVF	Saint-Julien-1	8.83 292 ePn	Pn	11 05 45.6	-1.7	
VIVF	comp=Z,16nm,0.6s		eSn	Sn	11 07 18.3	-7.2
ECH	Echery	8.86 317 P	P	11 05 47.2	-0.6	
CDF	Champ du Feu	8.93 318 ePn	Pn	11 05 47.1	-1.7	
CDF	comp=Z,45nm,0.3s,SNR=1.0		eSn	Sn	11 07 16.7	-1.1
BRG	Berggiesshubel	8.96 351 ePn	Pn	11 05 48.0	-1.1	
BRG	Berggiesshubel	8.96 351 i P	Pn	11 05 47.9	-1.2	
BRG	comp=Z,7.4nm,0.8s		i	11 07 49.1		
BRG	comp=Z,12nm,0.7s		i	11 08 25.0		
BNT	Bandirra	9.01 97 ePn	Pn	11 05 49.8	-0.1	
BLCB	Balcou	9.08 110 ePn	Pn	11 05 51.1	+0.3	
FBE	Freiberg	9.08 349 ePn	Pn	11 05 49.7	-1.1	
LANF	Langenberg	9.08 323 P	Pn	11 05 50.1	-0.7	
SWS	Schriesheim-Wi	9.08 327 P	Pn	11 05 49.0	-1.8	
VAM	Varnos	9.12 134 ePn	Pn	11 05 50.0	-1.4	
TOD	Tromm	9.14 328 P	Pn	11 05 49.8	-1.8	
MOX	Moxa	9.15 341 ePn	Pn	11 05 50.1	-1.7	
MOX	Moxa	9.15 341 ePn	Pn	11 07 26.2	-7.3	
MOX	Moxa	9.15 341 ePn	Pn	11 05 50.9	-0.9	
MOX	Moxa	9.15 341 eSn	Pn	11 07 26.2	-7.3	
HAU	Haudompre	9.15 314 ePn	Pn	11 05 50.3	-1.5	
HAU	comp=Z,493nm,0.3s,SNR=1.0		eSn	Sn	11 07 24.9	-8.6
HAU	Haudompre	9.15 314 ePn	Pn	11 05 50.3	-1.5	
HAU	SNR=1.0		eSn	Sn	11 07 24.9	-8.6
SANT	Santorini	9.16 125 ePn	Pn	11 05 50.4	-1.6	
SANT	SANT	9.16 125 ePn	Pn	11 05 58.5		
SANT	SANT	9.16 125 ePn	Pn	11 07 23.3	-4.5	
KTD	Kalmit	9.21 325 P	Pn	11 05 51.2	-1.4	
CTT	Catalca	9.22 92 ePn	Pn	11 05 53.3	+0.5	
IZM	Izmir	9.23 110 ePn	Pn	11 05 53.1	+0.3	
KDAG	Bornova	9.23 110 i P	Pn	11 05 52.5	-0.4	
LASF	Sts Croix	9.24 287 ePn	Pn	11 05 51.3	-1.8	
TIRR	Tirgouster	9.25 171 i P	Pn	11 05 55.7	+2.6	
BTOK	Tokmak	9.26 100 i P	Pn	11 05 53.6	+0.3	
SMG	Samos	9.27 114 ePn	Pn	11 05 52.9	-0.5	
THEF	They Montfort	9.48 314 P	Pn	11 05 54.8	-1.5	
LJV	L'voje	9.49 32 ePn	Pn	11 05 54.7	-1.2	
GVD	Gavdhos	9.50 137 ePn	Pn	11 05 54.8	-1.6	
GVD	Gavdhos	9.50 137 eSn	Pn	11 07 28.7	-1.3	
GVD	Gavdhos	9.50 137 ePn	Pn	11 05 54.8	-1.8	
CLL	Collim	9.51 348 ePn	Pn	11 05 55.6	-1.1	
CLL	Collim	9.51 348 i P	Pn	11 05 55.7	-1.0	
CLL	CLL		pmax			
CLL	comp=Z,43nm,0.4s		pmax			
CLL	Collim	9.51 348 i Pn	Pn	11 05 55.7	-1.0	
CLL	comp=Z,43nm,0.4s		i	11 06 06.9		
CLL	CLL		i Sn	11 07 39.5	-2.8	
CLL	CLL		i Sg	11 08 53.3		
CLL	Collim	9.51 348 i Pn	Pn	11 05 55.7	-1.0	
CLL	comp=Z,43nm,0.4s		x	11 06 03.0		
CLL	CLL		i x	11 06 06.9		
CLL	CLL		i Sn	11 07 39.5	-2.8	
CLL	CLL		e x	11 08 16.0		
CLL	CLL		i Sg	11 08 53.3		
IDI	Anoyia	9.59 132 Pn	Pn	11 05 54.6	-3.2	
IDI	comp=Z,9.9nm,0.3s,baz=316,slow=15,SNR=42		Sn	11 07 31.8	-1.2	
TNS	Taurus Mts	9.77 329 ePn	Pn	11 05 58.6	-1.6	
PLDF	La Plantade	9.86 298 P	Pn	11 05 59.2	-2.2	
ABH	Alteberg	9.86 325 P	Pn	11 06 00.3	-1.2	
LBL	Lubilhac	9.90 293 P	Pn	11 06 00.7	-1.3	
RUP	Ruppelstein	9.94 323 P	Pn	11 06 02.9	+0.3	
SMF	Signal de Mont	9.96 302 ePn	Pn	11 06 00.5	-2.3	
SMF	comp=Z,77nm,0.4s,SNR=1.0		eSn	Sn	11 07 44.2	-9.0
SMF	Signal de Mont	9.96 302 ePn	Pn	11 06 00.5	-2.3	
SMF	SNR=1.0		eSn	Sn	11 07 44.2	-9.0
SMF	comp=Z,39nm,0.4s,SNR=1.0		eSn	Sn	11 07 44.2	-9.0
ULDT	Uludag	9.97 97 i P	Pn	11 06 03.2	+0.3	
NPS	Nesapolis	10.01 130 ePn	Pn	11 06 01.0	-2.5	
MLS	Milas	10.12 114 ePn	Pn	11 06 05.0	-0.1	
MEZF	Matizieres J'vi	10.15 313 ePn	Pn	11 06 04.0	-1.4	
MEZF	comp=Z,82nm,0.5s,SNR=1.0		eSn	Sn	11 07 47.7	-1.0
MEZF	Matizieres J'vi	10.15 313 ePn	Pn	11 06 04.0	-1.4	
MEZF	SNR=1.0		eSn	Sn	11 07 47.7	-1.0
LOR	comp=Z,41nm,0.5s,SNR=1.0		ePn	Pn	11 06 03.9	-2.3
LOR	Lormes	10.21 305 ePn	Pn	11 07 49.5	-1.0	
LOR	comp=Z,82nm,0.3s,SNR=1.0		eSn	Sn	11 07 49.5	-1.0
LOR	Lormes	10.21 305 ePn	Pn	11 06 03.9	-2.3	
LOR	SNR=1.0		eSn	Sn	11 07 49.5	-1.0
AGO	Saint Agoulin	10.21 297 P	Pn	11 06 04.0	-2.2	
KIS	Kishinev	10.29 57 ePn	Pn	11 06 07.0	+0.3	
DAT	Datca	10.30 117 ePn	Pn	11 06 07.8	+0.4	
AVF	Avril sur Loir	10.32 302 ePn	Pn	11 06 05.5	-2.3	
AVF	SNR=1.0		eSn	Sn	11 07 50.9	-1.1
AVF	comp=Z,42nm,0.6s,SNR=1.0		eSn	Sn	11 06 05.5	-2.3
AVF	Avril sur Loir	10.32 302 ePn	Pn	11 06 05.5	-2.3	
AVF	SNR=1.0		eSn	Sn	11 07 50.9	-1.1
WLF	Walferdange	10.33 321 ePn	Pn	11 06 09.0	+1.1	
WLF	Walferdange	10.33 321 P	Pn	11 06 08.8	+0.8	
WLF	Walferdange	10.33 321 ePn	Pn	11 06 08.3	+0.4	
WLF	Walferdange	10.33 321 ePn	Pn	11 06 16.8		
WLF	Walferdange	10.33 321 ePn	Pn	11 08 04.2	+1.9	
SSF	Saint Saulge	10.33 303 ePn	Pn	11 06 05.2	-2.8	
SSF	SNR=1.0		eSn	Sn	11 07 52.5	-1.0
SSF	comp=Z,55nm,0.4s,SNR=1.0		eSn	Sn	11 06 05.2	-2.8
SSF	Saint Saulge	10.33 303 ePn	Pn	11 06 05.2	-2.8	
SSF	SNR=1.0		eSn	Sn	11 07 52.5	-1.0
MTFL	Montlieu	10.36 282 ePn	Pn	11 06 05.7	-2.6	
YER	Yerkesik	10.55 114 ePn	Pn	11 06 01.2	-0.8	
BGF	Bois d'Agland	10.56 300 ePn	Pn	11 06 08.2	-2.9	
BGF	Bois d'Agland	10.56 300 ePn	Pn	11 07 58.8	-9.3	
BGF	Bois d'Agland	10.56 300 ePn	Pn	11 06 08.2	-2.9	
BGF	SNR=1.0		eSn	Sn	11 07 58.8	-9.3
CLZ	Clausthal	10.56 340 ePn	Pn	11 06 10.1	-1.0	
CAF	Calvica	10.65 290 ePn	Pn	11 06 10.0	-2.3	
CAF	SNR=1.0		eSn	Sn	11 08 01.5	-8.8
CAF	comp=Z,12nm,0.8s		eSn	Sn	11 06 10.0	-2.3
CAF	Calvica	10.65 290 ePn	Pn	11 06 10.0	-2.3	
CAF	SNR=1.0		eSn	Sn	11 08 01.5	-8.8
KARF	Karpathos	10.75 124 ePn	Pn	11 06 11.0	-2.6	
DENT	Denizli	10.77 109 ePn	Pn	11 06 14.1	+0.2	
DNZL	Cakirokuk	10.80 110 i P	Pn	11 06 22.0	+7.6	
TCF	Toux Ste Croi	10.89 298 ePn	Pn	11 06 13.8	-1.8	
TCF	SNR=1.0		eSn	Sn	11 08 06.6	-9.5
TCF	comp=Z,23nm,0.4s,SNR=1.0		ePn	Pn	11 06 13.8	-1.8
TCF	Toux Ste Croi	10.89 298 ePn	Pn	11 06 13.8	-1.8	
TCF	SNR=1.0		ePn	Pn	11 06 13.8	-1.8

TCF	comp=Z,12nm,0.4s,SNR=1.0		eSn	Sn	11 08 06.6	-9.5
HYF	Humbigny	10.96 303 ePn	Pn	11 06 13.8	-2.7	
HYF	Dalyan (Mudia)	10.98 115 ePn	Pn	11 08 08.4	-9.4	
MEM	Membrach	11.07 324 P	Pn	11 06 18.3	+0.3	
RJF	Les Rejaudoux	11.11 292 ePn	Pn	11 06 14.3	-4.2	
RJF	Les Rejaudoux	11.11 292 ePn	Pn	11 08 12.6	-8.8	
RJF	comp=Z,12nm,0.7s		ePn	Pn	11 06 14.3	-4.2
RJF	Les Rejaudoux	11.11 292 ePn	Pn	11 08 12.6	-8.8	
RJF	SNR=1.0		eSn	Sn	11 08 12.6	-8.8
HENT	Hendek	11.12 91 i P	Pn	11 06 19.9	+1.1	
HENT	Heimansgroeve	11.21 324 eP	Pn	11 06 20.1		
BCLA	Clavier	11.25 322 ePn	Pn	11 06 21.6	+1.2	
GIVF	Givet	11.26 320 ePn	Pn	11 06 18.0	-2.6	
GIVF	SNR=1.0		eSn	Sn	11 08 14.9	-1.0
GIVF	comp=Z,39nm,0.7s		ePn	Pn	11 06 18.0	-2.6
GIVF	Givet	11.26 320 ePn	Pn	11 06 18.0	-2.6	
GIVF	SNR=1.0		eSn	Sn	11 08 14.9	-1.0
FETY	Fethyhe	11.36 114 ePn	Pn	11 06 22.0	+0.6	
DOU	Dourbes	11.37 319 P	Pn	11 06 22.7	+0.6	
ESK	Esiksehir	11.41 98 ePn	Pn	11 06 21.9	-0.7	
ESKT	Esiksehir	11.41 98 i P	Pn	11 06 23.7	+1.0	
BAIF	Baives	11.53 318 ePn	Pn	11 06 21.8	-2.6	
BAIF	SNR=1.0		eSn	Sn	11 08 21.4	-1.0
BAIF	comp=Z,9.4nm,0.5s		ePn	Pn	11 06 21.8	-2.6
BAIF	Baives	11.53 318 ePn	Pn	11 06 21.8	-2.6	
BAIF	SNR=1.0		eSn	Sn	11 08 21.4	-1.0
TKPT	Tekktepe	11.55 106 i P	Pn	11 06 25.4	+0.8	
LF	La Frestale	11.58 290 ePn	Pn	11 06 21.4	-3.6	
LF	LF	11.58 290 ePn	Pn	11 06 23.6	-9.4	
LF	comp=Z,9.4nm,0.6s		ePn	Pn	11 06 21.4	-3.6
LF	La Frestale	11.58 290 ePn	Pn	11 06 23.6	-9.4	
LF	SNR=1.0		eSn	Sn	11 08 23.6	-9.4
EPF	comp=Z,4.7nm,0.6s		ePn	Pn	11 06 24.9	-2.2
EPF	Esparras	11.73 280 eSn	Sn	11 08 27.2	-9.5	
EPF	SNR=1.0		eSn	Sn	11 08 27.2	-9.5
SGF	Senefie	11.79 320 P	Pn	11 06 28.9	+1.0	
SVGK	Sivrigouk	12.03 92 i P	Pn	11 06 32.5	+1.3	
KIZT	Kizilca	12.37 100 ePn	Pn	11 06 35.1	+0.7	
ETSF	Etsaut	12.39 280 ePn	Pn	11 06 33.4	-2.7	
ETSF	SNR=1.0		eSn	Sn	11 08 42.9	-1.0
AKASG	Malin Array B	12.47 42 Pn	Pn	11 06 37.6	+0.4	
AKASG	comp=Z,4.4nm,0.3s,baz=281,slow=9.3,SNR=9.7		ePn	Pn	11 06 37.6	+0.4
AKASG	Malin Array B	12.47 42 i P	Pn	11 06 39.2	+2.0	
MFF	Saint Martin d	12.54 297 ePn	Pn	11 06 36.0	-2.1	
MFF	SNR=1.0		eSn	Sn	11 08 46.4	-1.0
MFF	comp=Z,11nm,0.6s		ePn	Pn	11 06 40.8	-1.9
SJPF	Ste Jean	12.88 281 ePn	Pn	11 08 54.0	-1.1	
SJPF	SNR=1.0		eSn	Sn	11 08 54.0	-1.1
LDF	La Druitiere	13.19 305 ePn	Pn	11 06 43.4	-3.6	
LDF	SNR=1.0		eSn	Sn	11 09 02.6	-1.0
BR131	Keskin Array S	13.42 94 ePn	Pn	11 06 51.7	+1.6	
BRTR	Keskin Array B	13.42 94 Pn	Pn	11 06 50.4	+0.3	
BRTR	comp=Z,0.3nm,0.3s,baz=283,slow=11,SNR=12		Pn	11 06 51.5	+1.4	
BRTR	Keskin Array B	13.42 94 i P	Pn	11 06 51.5	+1.4	
BRTR	SNR=1.0		pmax			
BRTR	comp=Z,2.0nm,0.5s		ePn	Pn	11 06 51.5	+1.4
BRTR	Keskin Array B	13.42 94 i P	Pn	11 06 51.5	+1.4	
BRTR	SNR=1.0		eSn	Sn	11 06 51.5	+1.4
FLN	La Foliniere	13.48 306 ePn	Pn	11 06 48.3	-2.6	
FLN	SNR=1.0		eSn	Sn	11 09 09.3	-1.0
GRR	Gorron	13.56 304 ePn	Pn	11 06 48.2	-3.9	
GRR	SNR=1.0		eSn	Sn	11 09 11.1	-1.0
KAMT	Kaman	13.57 96 ePn	Pn	11 06 50.9	-1.3	
SGMF	Saint Gilles	14.59 302 ePn	Pn	11 07 01.5	-4.5	
SGMF	SNR=1.0		eSn	Sn	11 09 35.7	-1.1
QUIF	Quistinic	14.88 300 ePn	Pn	11 07 06.3	-3.6	
QUIF	SNR=1.0		eSn	Sn	11 09 47.1	-1.2
ROSF	Roastreine	15.07 301 ePn	Pn	11 07 08.5	-3.9	
ROSF	SNR=1.0		ePn	Pn	11 09 46.9	-1.1
ESDC	Sonsecia Array	15.42 268 Pn	Pn	11 07 16.2</		

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like EMUR La Murta, ETOB Tobarra, GUD Guadarrama, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like QUIF Quistinic, ROSF Rostrenen, GRR Gorron, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like ATE Arette, ETSF Etsaut, LARF Larrau, etc.

couple: M_0 :1.75000 $\times 10^{14}$ $NP1_{\phi}$:0.100000 $^\circ$, δ 80.00000 $^\circ$, λ 61.00000 $^\circ$, $NP2_{\phi}$:262.00000 $^\circ$, δ 31.00000 $^\circ$, λ 159.00000 $^\circ$.
 IDC 10 15:48:47.5-1.2, 3608N:14159E, h0km, mb3.5/5,
 mb1 3.6/8, mb1mx3.5/24, mb1mp3.5/8, ML3.4/3, Error
 ellipse: s-maj=32.4km s-min=19.1km az=83.0
 ISCJB 10 15:48:48.6-1.3, 3605N:004:14160E:008, h2km, 9km,
 mb3.5/5, Error ellipse: s-maj=10.5km s-min=7.0km
 az=24.2
 JMA 10 15:48:50.9-0.2, 3601N:14140E, h40km, 3km, M3.6
 NEIC 10 15:48:53.3-1.1, 3604N:14137E, h35km, MG3.6(JMA),
 Error ellipse: s-maj=27.9km s-min=16.6km az=224.0
 ISC 10 15:48:49.1-1.3, 3605N:004:14153E:007, h1km, 7km,
 n18, e088/24, mb3.5/5, 1C-2D, Near east coast
 of eastern Honshu

Code	Station Name	Δ°	AZ $^\circ$	Phase	ID	Time	Res
Code	Station Name	Δ°	AZ $^\circ$	Phase	ID	Time	Res
CHOJ	Choshi	0.65	238	IP	Sg	14 49 02.0 +0.3	
JHO	Hitachi	0.96	306	IP	Pg	14 49 10.5 +0.3	
JYT	Yakato	1.10	280	IP	Pb	14 49 07.2 -0.4	
ONAJ	Iwakimizuishi	1.20	311	P	Pn	14 49 11.5 -0.4	
JFK	Kawauchi	1.42	338	P	Pn	14 49 14.6 -0.2	
BSO1	Boso 1	1.47	198	P	Pn	14 49 15.9 +0.4	
MJAR	Matsushiro Arr	2.73	281	P	Pn	14 49 32.6 -0.3	
MJAR	Matsushiro Arr	2.73	281	Pn	Pn	14 50 07.8 +2.0	
MJAR	Matsushiro Arr	2.73	281	Pn	Pn	14 49 32.6 -0.3	
MJAR	Matsushiro Arr	2.73	281	Pn	Pn	14 49 32.6 -0.3	
MAJO	Matsushiro	2.73	281	ePn	Pn	14 49 33.1 +0.2	
MAT	Matsushiro	2.73	281	P	Pn	14 49 33.2 +0.3	
MAT	Matsushiro	2.73	281	eS	Pn	14 49 05.3 -0.6	
JHJ	Hachioji jima 2	3.26	207	Pn	Pn	14 49 40.9 +0.7	
JHJ	Hachioji jima 2	3.26	207	Pn	Pn	14 50 16.6 -2.4	
ASAJ	Asahikawa	8.10	5	Pn	Pn	14 50 46.8 +0.1	
ASAJ	Asahikawa	8.10	5	Pn	Pn	14 52 18.2 +0.1	
MJAR	Matsushiro Arr	2.73	281	Pn	Pn	14 49 32.6 -0.3	
MJAR	Matsushiro Arr	2.73	281	Pn	Pn	14 49 32.6 -0.3	
MAJO	Matsushiro	2.73	281	ePn	Pn	14 49 33.1 +0.2	
MAT	Matsushiro	2.73	281	P	Pn	14 49 33.2 +0.3	
MAT	Matsushiro	2.73	281	eS	Pn	14 49 05.3 -0.6	
JHJ	Hachioji jima 2	3.26	207	Pn	Pn	14 49 40.9 +0.7	
JHJ	Hachioji jima 2	3.26	207	Pn	Pn	14 50 16.6 -2.4	
ASAJ	Asahikawa	8.10	5	Pn	Pn	14 50 46.8 +0.1	
ASAJ	Asahikawa	8.10	5	Pn	Pn	14 52 18.2 +0.1	
MJAR	Matsushiro Arr	2.73	281	Pn	Pn	14 49 32.6 -0.3	
MJAR	Matsushiro Arr	2.73	281	Pn	Pn	14 49 32.6 -0.3	
MAJO	Matsushiro	2.73	281	ePn	Pn	14 49 33.1 +0.2	
MAT	Matsushiro	2.73	281	P	Pn	14 49 33.2 +0.3	
MAT	Matsushiro	2.73	281	eS	Pn	14 49 05.3 -0.6	
JHJ	Hachioji jima 2	3.26	207	Pn	Pn	14 49 40.9 +0.7	
JHJ	Hachioji jima 2	3.26	207	Pn	Pn	14 50 16.6 -2.4	
ASAJ	Asahikawa	8.10	5	Pn	Pn	14 50 46.8 +0.1	
ASAJ	Asahikawa	8.10	5	Pn	Pn	14 52 18.2 +0.1	
MJAR	Matsushiro Arr	2.73	281	Pn	Pn	14 49 32.6 -0.3	
MJAR	Matsushiro Arr	2.73	281	Pn	Pn	14 49 32.6 -0.3	
MAJO	Matsushiro	2.73	281	ePn	Pn	14 49 33.1 +0.2	
MAT	Matsushiro	2.73	281	P	Pn	14 49 33.2 +0.3	
MAT	Matsushiro	2.73	281	eS	Pn	14 49 05.3 -0.6	
JHJ	Hachioji jima 2	3.26	207	Pn	Pn	14 49 40.9 +0.7	
JHJ	Hachioji jima 2	3.26	207	Pn	Pn	14 50 16.6 -2.4	
ASAJ	Asahikawa	8.10	5	Pn	Pn	14 50 46.8 +0.1	
ASAJ	Asahikawa	8.10	5	Pn	Pn	14 52 18.2 +0.1	
MJAR	Matsushiro Arr	2.73	281	Pn	Pn	14 49 32.6 -0.3	
MJAR	Matsushiro Arr	2.73	281	Pn	Pn	14 49 32.6 -0.3	
MAJO	Matsushiro	2.73	281	ePn	Pn	14 49 33.1 +0.2	
MAT	Matsushiro	2.73	281	P	Pn	14 49 33.2 +0.3	
MAT	Matsushiro	2.73	281	eS	Pn	14 49 05.3 -0.6	
JHJ	Hachioji jima 2	3.26	207	Pn	Pn	14 49 40.9 +0.7	
JHJ	Hachioji jima 2	3.26	207	Pn	Pn	14 50 16.6 -2.4	
ASAJ	Asahikawa	8.10	5	Pn	Pn	14 50 46.8 +0.1	
ASAJ	Asahikawa	8.10	5	Pn	Pn	14 52 18.2 +0.1	
MJAR	Matsushiro Arr	2.73	281	Pn	Pn	14 49 32.6 -0.3	
MJAR	Matsushiro Arr	2.73	281	Pn	Pn	14 49 32.6 -0.3	
MAJO	Matsushiro	2.73	281	ePn	Pn	14 49 33.1 +0.2	
MAT	Matsushiro	2.73	281	P	Pn	14 49 33.2 +0.3	
MAT	Matsushiro	2.73	281	eS	Pn	14 49 05.3 -0.6	
JHJ	Hachioji jima 2	3.26	207	Pn	Pn	14 49 40.9 +0.7	
JHJ	Hachioji jima 2	3.26	207	Pn	Pn	14 50 16.6 -2.4	
ASAJ	Asahikawa	8.10	5	Pn	Pn	14 50 46.8 +0.1	
ASAJ	Asahikawa	8.10	5	Pn	Pn	14 52 18.2 +0.1	
MJAR	Matsushiro Arr	2.73	281	Pn	Pn	14 49 32.6 -0.3	
MJAR	Matsushiro Arr	2.73	281	Pn	Pn	14 49 32.6 -0.3	
MAJO	Matsushiro	2.73	281	ePn	Pn	14 49 33.1 +0.2	
MAT	Matsushiro	2.73	281	P	Pn	14 49 33.2 +0.3	
MAT	Matsushiro	2.73	281	eS	Pn	14 49 05.3 -0.6	
JHJ	Hachioji jima 2	3.26	207	Pn	Pn	14 49 40.9 +0.7	
JHJ	Hachioji jima 2	3.26	207	Pn	Pn	14 50 16.6 -2.4	
ASAJ	Asahikawa	8.10	5	Pn	Pn	14 50 46.8 +0.1	
ASAJ	Asahikawa	8.10	5	Pn	Pn	14 52 18.2 +0.1	
MJAR	Matsushiro Arr	2.73	281	Pn	Pn	14 49 32.6 -0.3	
MJAR	Matsushiro Arr	2.73	281	Pn	Pn	14 49 32.6 -0.3	
MAJO	Matsushiro	2.73	281	ePn	Pn	14 49 33.1 +0.2	
MAT	Matsushiro	2.73	281	P	Pn	14 49 33.2 +0.3	
MAT	Matsushiro	2.73	281	eS	Pn	14 49 05.3 -0.6	
JHJ	Hachioji jima 2	3.26	207	Pn	Pn	14 49 40.9 +0.7	
JHJ	Hachioji jima 2	3.26	207	Pn	Pn	14 50 16.6 -2.4	
ASAJ	Asahikawa	8.10	5	Pn	Pn	14 50 46.8 +0.1	
ASAJ	Asahikawa	8.10	5	Pn	Pn	14 52 18.2 +0.1	
MJAR	Matsushiro Arr	2.73	281	Pn	Pn	14 49 32.6 -0.3	
MJAR	Matsushiro Arr	2.73	281	Pn	Pn	14 49 32.6 -0.3	
MAJO	Matsushiro	2.73	281	ePn	Pn	14 49 33.1 +0.2	
MAT	Matsushiro	2.73	281	P	Pn	14 49 33.2 +0.3	
MAT	Matsushiro	2.73	281	eS	Pn	14 49 05.3 -0.6	
JHJ	Hachioji jima 2	3.26	207	Pn	Pn	14 49 40.9 +0.7	
JHJ	Hachioji jima 2	3.26	207	Pn	Pn	14 50 16.6 -2.4	
ASAJ	Asahikawa	8.10	5	Pn	Pn	14 50 46.8 +0.1	
ASAJ	Asahikawa	8.10	5	Pn	Pn	14 52 18.2 +0.1	
MJAR	Matsushiro Arr	2.73	281	Pn	Pn	14 49 32.6 -0.3	
MJAR	Matsushiro Arr	2.73	281	Pn	Pn	14 49 32.6 -0.3	
MAJO	Matsushiro	2.73	281	ePn	Pn	14 49 33.1 +0.2	
MAT	Matsushiro	2.73	281	P	Pn	14 49 33.2 +0.3	
MAT	Matsushiro	2.73	281	eS	Pn	14 49 05.3 -0.6	
JHJ	Hachioji jima 2	3.26	207	Pn	Pn	14 49 40.9 +0.7	
JHJ	Hachioji jima 2	3.26	207	Pn	Pn	14 50 16.6 -2.4	
ASAJ	Asahikawa	8.10	5	Pn	Pn	14 50 46.8 +0.1	
ASAJ	Asahikawa	8.10	5	Pn	Pn	14 52 18.2 +0.1	
MJAR	Matsushiro Arr	2.73	281	Pn	Pn	14 49 32.6 -0.3	
MJAR	Matsushiro Arr	2.73	281	Pn	Pn	14 49 32.6 -0.3	
MAJO	Matsushiro	2.73	281	ePn	Pn	14 49 33.1 +0.2	
MAT	Matsushiro	2.73	281	P	Pn	14 49 33.2 +0.3	
MAT	Matsushiro	2.73	281	eS	Pn	14 49 05.3 -0.6	
JHJ	Hachioji jima 2	3.26	207	Pn	Pn	14 49 40.9 +0.7	
JHJ	Hachioji jima 2	3.26	207	Pn	Pn	14 50 16.6 -2.4	
ASAJ	Asahikawa	8.10	5	Pn	Pn	14 50 46.8 +0.1	
ASAJ	Asahikawa	8.10	5	Pn	Pn	14 52 18.2 +0.1	
MJAR	Matsushiro Arr	2.73	281	Pn	Pn	14 49 32.6 -0.3	
MJAR	Matsushiro Arr	2.73	281	Pn	Pn	14 49 32.6 -0.3	
MAJO	Matsushiro	2.73	281	ePn	Pn	14 49 33.1 +0.2	
MAT	Matsushiro	2.73	281	P	Pn	14 49 33.2 +0.3	
MAT	Matsushiro	2.73	281	eS	Pn	14 49 05.3 -0.6	
JHJ	Hachioji jima 2	3.26	207	Pn	Pn	14 49 40.9 +0.7	
JHJ	Hachioji jima 2	3.26	207	Pn	Pn	14 50 16.6 -2.4	
ASAJ	Asahikawa	8.10	5	Pn	Pn	14 50 46.8 +0.1	
ASAJ	Asahikawa	8.10	5	Pn	Pn	14 52 18.2 +0.1	
MJAR	Matsushiro Arr	2.73	281	Pn	Pn	14 49 32.6 -0.3	
MJAR	Matsushiro Arr	2.73	281	Pn	Pn	14 49 32.6 -0.3	
MAJO	Matsushiro	2.73	281	ePn	Pn	14 49 33.1 +0.2	
MAT	Matsushiro	2.73	281	P	Pn	14 49 33.2 +0.3	
MAT	Matsushiro	2.73	281	eS	Pn	14 49 05.3 -0.6	
JHJ	Hachioji jima 2	3.26	207	Pn	Pn	14 49 40.9 +0.7	
JHJ	Hachioji jima 2	3.26	207	Pn	Pn	14 50 16.6 -2.4	
ASAJ	Asahikawa	8.10	5	Pn	Pn	14 50 46.8 +0.1	
ASAJ	Asahikawa	8.10	5	Pn	Pn	14 52 18.2 +0.1	
MJAR	Matsushiro Arr	2.73	281	Pn	Pn	14 49 32.6 -0.3	
MJAR	Matsushiro Arr	2.73	281	Pn	Pn	14 49 32.6 -0.3	
MAJO	Matsushiro	2.73	281	ePn	Pn	14 49 33.1 +0.2	
MAT	Matsushiro	2.73	281	P	Pn	14 49 33.2 +0.3	
MAT	Matsushiro	2.73	281	eS	Pn	14 49 05.3 -0.6	
JHJ	Hachioji jima 2	3.26	207	Pn	Pn	14 49 40.9 +0.7	
JHJ	Hachioji jima 2	3.26	207	Pn	Pn	14 50 16.6 -2.4	
ASAJ	Asahikawa	8.10	5	Pn	Pn	14 50 46.8 +0.1	
ASAJ	Asahikawa	8.10	5	Pn	Pn	14 52 18.2 +0.1	
MJAR	Matsushiro Arr	2.73	281	Pn	Pn	14 49 32.6 -0.3	
MJAR	Matsushiro Arr	2.73	281	Pn	Pn	14 49 32.6 -0.3	
MAJO	Matsushiro	2.73	281	ePn	Pn	14 49 33.1 +0.2	
MAT	Matsushiro	2.73	281	P	Pn	14 49 33.2 +0.3	
MAT	Matsushiro	2.73	281	eS	Pn</		

ORR	comp=Z,498nm,21.8s,baz=264,slow=32	58.69 315 eP	P	15 38 03.4 -0.5	TVAN	Van	70.07 304 i/P	P	15 39 18.5 +0.1	TIRR	comp=Z,22nm,0.9s,mb5.1		pmax	pmax
ORR	Orenburg	58.69 315 eP	MLR		KAF	Kangasniemi	70.38 331 ep	P	15 39 17.2 -3.0	TIRR	Tirgusor	77.62 314 eP	P	15 40 02.0 -0.6
ABKT	comp=Z,12µm,17.0s,MS6.1	59.31 299 P	P	15 38 09.9 +1.7	KAF	Kangasniemi	70.38 331 ep	Pmax	15 39 17.2 -3.0	TIRR	Tirgusor	77.62 314 eP	P	15 40 02.0 -0.6
MCK	McKinley	59.59 31 P	P	15 38 09.5 -0.7	QRN	Al-Qurain	70.45 292 eP	P	15 39 21.1 +0.5	BHL	Bhannes	77.62 302 eP	P	15 40 04.6 +1.3
MCK	McKinley	59.59 31 P	pmax		QRN	Al-Qurain	70.45 292 eP	AMB	15 39 22.1	HNT	Hendek	77.79 310 i/P	P	15 40 05.2 +1.7
MCK	McKinley	59.59 31 eP	P	15 38 08.6 -1.6	KBD	Kabd	70.45 293 eP	P	15 39 20.8 +0.1	VRI	Vrincioia	77.96 316 P	P	15 40 05.6 +1.2
PMR	Palmer	59.75 33 eP	P	15 38 10.0 -1.3	KBD	Kabd	70.45 293 eP	AMB	15 39 20.3	SUR	Sucovina Array	77.96 316 i/P	P	15 40 05.3 +0.9
PMR	Palmer	59.75 33 eP	pmax		RDF	Al-Radifah	70.67 293 eP	P	15 39 21.9 -0.1	KIZ	Kizil	78.05 308 P	P	15 40 07.2 +2.3
PMR	Palmer	59.75 33 eP	MLR		RDF	Al-Radifah	70.67 293 eP	AMB	15 39 24.3	MMAI	Mount Meron Ar	78.30 301 P	P	15 40 07.3 +1.0
PMR	Palmer	59.75 33 eP	MLR		SOC	Sochi	70.69 310c i/P	P	15 39 20.7 -1.5	KWP	Kalwaria	78.32 321 eP	P	15 40 06.4 0.0
COLA	College	59.94 29 eP	P	15 38 12.8 +0.3	SOC	Sochi	70.69 310c i/P	pP	15 39 33.5 -1.0	KWP	Kalwaria	78.32 321 eP	L	15 40 06.3 0.8
COLA	College	59.94 29 eP	P	15 38 11.1 -1.4	SOC	Sochi	70.69 310c i/P	e	15 39 40.5	A05A	Maple Falls	78.42 40 i/P	P	15 40 06.2 -0.8
COLA	College	59.94 29 eP	LR		SOC	Sochi	70.69 310c i/P	eS	15 41 59.3	ESKT	Eskisehir	78.45 309 i/P	P	15 40 07.7 +0.5
COLA	College	59.94 29 eP	LR		SOC	Sochi	70.69 310c i/P	eS	15 49 22.4	KONO	Kongsberg	78.53 304 eP	P	15 40 05.6 -2.0
SML	Sawmill	60.10 33 P	P	15 38 13.7 0.0	SOC	Sochi	70.69 310c i/P	eSS	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 P	P	15 40 08.0 -0.1
SML	Sawmill	60.10 33 eP	P	15 38 12.4 -1.3	SOC	Sochi	70.69 310c i/P	eSS	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 09.9 -1.2
FORT	Forrest	60.27 182 eP	pP	15 38 24.5 -2.5	SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 10.0 +0.5
MENT	Mentasta	62.04 31 eP	P	15 38 26.2 -0.6	SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
STKA	Stephens Creek	62.21 169 eP	P	15 38 26.1 -1.9	SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
STKA	Stephens Creek	62.21 169 eP	i/S		SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
STKA	Stephens Creek	62.21 169 eP	S	15 46 48.5 -2.1	SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
STKA	Stephens Creek	62.21 169 eP	S	15 38 26.7 -1.3	SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
KLBR	Kellerberrin	62.23 192 eP	LR	16 04 10.3	SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
EGAK	Eagle	62.78 29 eP	P	15 38 30.4 -1.3	SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
EGAK	Eagle	62.78 29 eP	LR		SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
PECR	Pechory	63.87 322 eP	MLR	15 38 38.6 -0.3	SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
PECR	Pechory	63.87 322 eP	MLR		SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
PECR	Pechory	63.87 322 eP	MLR		SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
PECR	Pechory	63.87 322 eP	MLR		SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
INK	Inuvik	64.84 24 P	P	15 38 44.0 -1.2	SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
INK	Inuvik	64.84 24 P	P	15 38 44.5 -0.8	SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
KLMR	Klimovskoe	64.95 327 eP	P	15 38 43.4 -2.6	SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
KLMR	Klimovskoe	64.95 327 eP	pP	15 38 55.6 -2.7	SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
KLMR	Klimovskoe	64.95 327 eP	eP	15 42 42.1	SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
KLMR	Klimovskoe	64.95 327 eP	eP	15 42 42.1	SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
APA	Apatity	65.48 335 i/P	S	15 47 26.1 +1.4	SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
APA	Apatity	65.48 335 i/P	S	15 38 48.0 -1.5	SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
APA	Apatity	65.48 335 i/P	S	15 48 45.0	SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
APA	Apatity	65.48 335 i/P	S	15 48 45.0	SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
MAK	Makhachkala	65.60 307 eP	MLR	15 38 50.5 +0.3	SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
MAK	Makhachkala	65.60 307 eP	MLR		SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
SPB4	Spitsbergen Ar	65.79 348 eP	P	15 38 51.1 -0.3	SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
KBS	Kingsbay	66.14 349 eP	AMS	16 09 24.4	SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
VRHR	Vnovkhopersk	66.79 317 eP	P	15 38 56.7 -1.2	SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
VRHR	Vnovkhopersk	66.79 317 eP	pmax		SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
VRHR	Vnovkhopersk	66.79 317 eP	pmax		SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
VRHR	Vnovkhopersk	66.79 317 eP	pmax		SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
SKAG	Skagway	66.88 34 eP	P	15 38 58.6 +0.2	SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
SKAG	Skagway	66.88 34 eP	LR		SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
SKAG	Skagway	66.88 34 eP	LR		SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
KEV	Kevo	66.89 338 eP	P	15 38 55.9 -2.6	SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
KEV	Kevo	66.89 338 eP	P	15 38 57.3 -1.2	SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
KEV	Kevo	66.89 338 eP	P	15 38 57.3 -1.2	SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
ARCES	ARCCESS Array B	67.46 338 eP	P	15 39 00.7 -1.4	SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
ARCES	ARCCESS Array B	67.46 338 eP	LR	16 13 42.5	SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
MOS	Moscow	67.50 322 eP	pmax	15 39 00.8 -1.5	SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
MOS	Moscow	67.50 322 eP	pmax		SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
MOS	Moscow	67.50 322 eP	pmax		SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
MOS	Moscow	67.50 322 eP	pmax		SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
MOS	Moscow	67.50 322 eP	pmax		SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
MOS	Moscow	67.50 322 eP	pmax		SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
MOS	Moscow	67.50 322 eP	pmax		SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
MOS	Moscow	67.50 322 eP	pmax		SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
MOS	Moscow	67.50 322 eP	pmax		SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
MOS	Moscow	67.50 322 eP	pmax		SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
MOS	Moscow	67.50 322 eP	pmax		SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
MOS	Moscow	67.50 322 eP	pmax		SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1
MOS	Moscow	67.50 322 eP	pmax		SOC	Sochi	70.69 310c i/P	pmax	15 53 02.8 -2.9	MLR	Muntele Rosu	78.62 316 i/P	P	15 40 08.0 -0.1

10d 15h

2006 DEC

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like VRAC Vranov, WAC Vranov, SMOI Smolenice, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like K07A Rock Creek Ranch, GEC2 GERESS Array S, GEC2 GERESS Array S, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like CMB Columbia Colle, F15A Butte, EGMT Egmont, etc.

10d 18h

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like NB2 NORSA Subarra, COA NORSA Array B, CAF Calviac, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like GUC 10 15:59:10.3, CDCH Caldera, VACH Vallenaar, etc.

IDC 10 16:14:09.7-6.0, 2440N:11573W, h0km, mb3.6/2, mb1 3.8/5, mb1mx3.7/20, mbtmp3.5/5, ML3.6/3, Error ellipse: s-maj=96.2km s-min=34.2km az=27.0

ISCJB 10 16:14:09.2-3.2435N:11574W, h10km, Error ellipse: s-maj=30.5km s-min=11.9km az=212.0

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like LPIG La Paz, LPUC Tucson, PFO Pinyon Flat Ob, etc.

IDC 10 17:12:02.5-2.4, 4992N:12746W, h0km, mb3.4/2, mb1 3.8/6, mb1mx3.5/23, mbtmp3.5/6, ML3.4/4, Error ellipse: s-maj=31.9km s-min=19.3km az=72.0

ISC 10 17:12:05.4-0.4, 5007N:12744W, h0km, mb3.0km, n82, e1501/91, mb2.9/1, 29C-20D, Vancouver Island region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like BPBC Brooks Peninsula, EDB Eliza Dome, etc.

2006 DEC

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like VDB Vedder Mountain, A05A Maple Falls, C04A Britton, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like WTV Waterville, EBG Elensburg, E05A Yakima, etc.

IDC 10 17:14:36.3-1.4, 2015N:11880E, h0km, mb3.5/4, mb1 3.6/4, mb1mx3.4/18, mbtmp3.5/4, Error ellipse: s-maj=150.0km s-min=22.7km az=65.0, Philippine Islands region

STR 10 17:30:31.0-0.3, 4759N:761E, h5km, 1km, M11.8, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 10 17:30:31.2-0.1, 4759N:758E, h9km, M1.9/3, M12/07, Error ellipse: s-maj=1.2km s-min=0.9km az=120.0

ZUR 10 17:30:31.2, 4758N:760E, h4km, 1km, ML1.2, 2C-1D, Switzerland

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like BALST Balsthal, BOURN Bourignon, SULZ Sutz-Cheseache, etc.

STR 10 17:30:31.0-0.3, 4759N:761E, h5km, 1km, M11.8, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 10 17:30:31.2-0.1, 4759N:758E, h9km, M1.9/3, M12/07, Error ellipse: s-maj=1.2km s-min=0.9km az=120.0

ZUR 10 17:30:31.2, 4758N:760E, h4km, 1km, ML1.2, 2C-1D, Switzerland

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like BALST Balsthal, BOURN Bourignon, SULZ Sutz-Cheseache, etc.

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Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like CDF, HAU Haudomops, HAU, etc.

IDC 10 17:39:56.6-8.3, 5355S:15139E, h98km, 56km, mb3.3/3, mb1 3.4/4, mb1mx3.1/15, mbtmp3.2/4, Error ellipse: s-maj=101.4km s-min=56.3km az=124.0, New Britain region

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

NEIC 10 17:52:27.9, 3783N:2101E, h7km, ML3.5(5A), After ATH

ATH 10 17:52:27.9, 3783N:2101E, h7km, 2km, MD3.6/9, ML3.5

ISCJB 10 17:52:28.4-1.1, 3783N:2079E:008, h10km, Error ellipse: s-maj=12.2km s-min=5.5km az=84.5

THE 10 17:52:30.7, 3782N:2107E, h14km, ML2.9

CSEM 10 17:52:30.7, 3787N:2120E, h2km, ML3.5, Error ellipse: s-maj=4.7km s-min=2.1km az=54.0

ISC 10 17:52:29.1-1.1, 3784N:007.2099E:008, h10km, n23, s16/25, Ionian Sea

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like RLS Riolo of Patr, VLS Valsamata, etc.

ISCJB 10 18:00:30.0-1.0, 4044N:004:12466W:008, h10km, Error ellipse: s-maj=9.8km s-min=3.7km az=134.1

NEIC 10 18:00:32.7, 4037N:12464W, h17km, ML3.5(NCEDC), After NCEDC

ISC 10 18:00:31.0-1.3, 4039N:004:12480W:009, h28km, 7km, n30, e993/41, 19C-8D, Near coast of northern California

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like JCC Jacoby Creek, O01C Eel River Cons, etc.

WDC Whiskeytown Da, WDC Whiskeytown Da, GASB Alder Springs

GASB Alder Springs, GASB Callahan, M02C Bosley Butte

KBO Bosley Butte, KBO, L02A Cave Junction

YBH Yreka Blue Hor, YBH Yreka Blue Hor

YBH, O03C Acorn Hollow, M03C McCloud

K02A Glendale, K02A, HATC Hat Creek Radi

HUMO Hull Mountain, HUMO Hull Mountain

HUMO, O05C Quincy, O05C

M06C Likely Place G, P05C Yuba Gap, Truc, BEKR Beckwourth, K05A Summer Lake, N06A Buffalo Meadow

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes entries for K06A Valley Falls and M07A Soldier Meadow.

ISCJJB 10:18:07:08.0:0.7, 4758N:007:1561E:0.1, h10km, mb3.9/15, Error ellipse: s-maj=14.3km s-min=9.3km az=49.4

NEIC 10:18:07:10.1:0.5, 4743N:15621E, h10km, mb4.1/3, Error ellipse: s-maj=13.8km s-min=9.7km az=155.0

ISC 10:18:07:10.4:0.6, 4758N:007:1562E:0.1, h10km, n23, 0983/24, mb3.9/15, East of Kuril Islands

Main table for the top section, listing station names like Severo-Kuril's, Yuzh-Sakhalins, Bilibino, etc., with their respective coordinates and phases.

NEIC 10:18:10:56.1:0.8, 4673N:15265E, h10km, mb4.1/1, Error ellipse: s-maj=24.4km s-min=14.4km az=124.0

ISCJJB 10:18:11:00.2:1.5, 466N:0.1:1526E:0.2, h53km, 12km, mb4.0/15, Error ellipse: s-maj=25.1km s-min=9.9km az=100.7

MOS 10:18:11:00.5:1.8, 4655N:15259E, h65km, mb4.3/1, Error ellipse: s-maj=18.2km s-min=13.1km az=57.8

ISC 10:18:11:04.5:4.4, 4667N:15255E, h78km, 39km, mb3.3/11, mb1.3/5/12, mb1.1mx3.4/23, mbtmp3.3/12, ML3.5/1, Error ellipse: s-maj=29.8km s-min=19.5km az=110.0

ISC 10:18:11:02.7:1.4, 467N:0.1:1527E:0.2, h63km, 11km, n27, 0911/28, mb4.0/15, Kuril Islands

Main table for the bottom section, listing station names like Kuril'sk, Ashahikawa, Gumba, etc., with their respective coordinates and phases.

LDG 10:18:26:24.0:1.1, 4300N:000E, h10km, Md1.7/3, MI1.8/5, Error ellipse: s-maj=1.9km s-min=0.9km az=161.0

MDD 10:18:26:24.9:0.6, 4300N:000W, h8km, 5km, mbL1.1/6, Error ellipse: s-maj=3.2km s-min=2.6km az=172.0, PRXIMO, Pyrenees

Small table listing station names like Labf, View, and Esparros.

Main table for the middle section, listing station names like Esparros, Bielsa, Montolio, etc., with their respective coordinates and phases.

CSEM 10:18:40:44.0:0.1, 3647N:2849E, h60km, MD3.3, Error ellipse: s-maj=2.3km s-min=1.3km az=63.0

ISCJJB 10:18:40:44.0:0.5, 3642N:2833E:0.04, h70km, 6km, Error ellipse: s-maj=6.5km s-min=5.7km az=35.9

ATH 10:18:40:46.8, 3656N:2820E, h48km, 2km, MD3.3/5, NEIC 10:18:40:46.8, 3656N:2820E, h48km, MD3.3(ATH), After ATH

ISK 10:18:40:46.2, 3647N:2835E, h29km, MD3.1, HLW 10:18:40:46.5, 3634N:2839E, h33km, Mb3.4

ISC 10:18:40:46.3:0.5, 3647N:0.4:2835E:0.04, h57km, n27, 0980/36, Dodecanese Islands

Main table for the middle-bottom section, listing station names like ARG, DALY, Fethiye, etc., with their respective coordinates and phases.

ISC 10:19:23:32.2:9.2, 562S:15005E, h53km, 70km, mb2.6/2, mb1.3/1/3, mb1mx3.0/14, mbtmp2.9/3, ML2.3/1, Error ellipse: s-maj=134.1km s-min=57.5km az=121.0, New Britain region

PMG Port Moresby 4.73 217 P Pn 19 24 41.0 +0.1

WRA Warramunga Arr 20.88 226 P Pn 19 28 10.2 +0.3

ASAR Alice Springs 23.74 157 P Pn 19 28 39.5 -0.1

TORD Torodj Arr. Bea 147.92 286 PKPbc PKPbc 19 43 12.2 +0.7

NEIC 10:19:38:47.7, 3819S:17634E, h160km, MG4.2(WEL), After WEL

WEL 10:19:38:48.3:0.3, 3820S:17634E, h155km, 2km, ML4.2/22, 16C-1D, Error ellipse: s-maj=2.3km s-min=1.6km az=0.0, North Island

Main table for the bottom-middle section, listing station names like WHTZ, Urewera, WATZ, etc., with their respective coordinates and phases.

Main table for the right section, listing station names like HIZ, FWVZ, WNWZ, etc., with their respective coordinates and phases.

ISCJJB 10:19:40:29.5:0.7, 1827N:005:10343W:0.03, h25km, 4km, mb3.5/4, MS4.2/1, Error ellipse: s-maj=8.5km s-min=4.1km az=50.7

ISC 10:19:40:32.8:8.4, 1840N:10329W, h35km, 59km, mb3.5/4, mb1.3/6, mb1mx3.7/19, mbtmp3.6/6, ML3.5/2, MS3.7/2, Ms1.3/7, ms1mx3.2/20, Error ellipse: s-maj=67.1km s-min=29.0km az=40.0

MEX 10:19:40:32.3:1.0, 1827N:10342W, h11km, 5km, MD4.5, MOZ McQueen's Vall 1.67 206 P Pn 19 40 11.9 -5.4

NEIC 10:19:40:32.4, 1831N:10344W, h7km, MD4.5(MEX), After MEX

ISC 10:19:40:30.5:0.7, 1830N:005:10343W:0.03, h18km, 3km, n35, 0940/51, mb3.5/4, MS4.2/1, Near coast of Micchoacan

Main table for the right-bottom section, listing station names like MMIG, CJM, Santa Fe, etc., with their respective coordinates and phases.

CMIG Matias Romero 8.24 97 P S 19 44 05.8 +4.2

CMIG Matias Romero 8.24 97 P S 19 43 00.0 +1.0

CMIG Tepich 14.44 80 P S 19 44 55.7 +4.6

TXAR Lajitas Array 10.98 359 P Pn 19 43 09.5 +2.9

TXAR Tepich 14.44 80 P S 19 46 17.5

NVAR Mina Array Bas 23.88 330 P Pn 19 45 44.0 +1.3

TKL Tuletepec C 24.53 41 P Pn 19 45 46.9 -2.0

PDAR Pinedale Array 24.93 349 P Pn 19 45 52.1 -0.4

YKA Yellowknife Ar 44.63 353 P Pn 19 48 41.8 -1.6

INX Inuvik 53.46 347 P LR 20 13 56.5

ISC 10:19:53:35.0:0.5, 5430N:16180E, h0km, mb4.5/25, mb1.4/7/26, mb1mx4.7/27, mbtmp4.5/26, ML4.3/1, MS4.2/15, 14pm, 0.4, ms1mx0.4/32, Error ellipse: s-maj=16.6km s-min=11.3km az=155.0

NEIC 10:19:53:37.4:2.5, 5424N:16185E, h16km, 15km, mb4.9/58, Error ellipse: s-maj=6.2km s-min=3.8km az=173.0

BUI 10:19:53:38.0, 5429N:16134E, h15km, mb5.0, mb4.5, Ms4.8, Ms4.4

MOS 10:19:53:38.0, 0.9, 5426N:16189E, h30km, mb4.9/44, MS4.2/12, Error ellipse: s-maj=9.3km s-min=4.7km az=89.9

ISCJJB 10:19:53:38.0:0.1, 5415N:002:16200E:0.02, h30km, mb4.7/100, MS4.3/30, Error ellipse: s-maj=2.9km

10d 19h

s-min=2.0km az=158.7
KZRCF 10 19:53:42.1,0.8,54.18N,161.59E,h31km,30km,ML5.1
SRGF 10 19:53:44.6,5.488N,161.14E,h33km,mb4.7,Near east coast of Kamchatka Peninsula, Russia
ISC 10 19:53:39.9,0.1,54.18N,161.92E,h32km, h32km,2.3km;P-P,n406,s1906/426,mb4.7/100,MS4.3/30, 82C-60D,Near east coast of Kamchatka Peninsula

2006 DEC

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

Table with columns: MJAR, Matsuhiro Arr, 24.07 233, P, P, 19 58 52.3 +0.1. Lists seismic events with station names and magnitudes.

Table with columns: G05A, Wamic, 48.12 67, P, P, 20 02 17.3 +0.7. Lists seismic events with station names and magnitudes.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like F15A Butte, ARCES ARCESS Array B, LAVA Lava Cap Winner, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like CHTO Chiang Mai, CHTO Chiang Mai, IRM Iron Mountain, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like TANN Tannenbergstha, VRAC Vranov, NYKH Novy Kostel, etc.

10d 20hr

Table with columns: LMR, La Mourre, 80.61 342 eP, P, 20 05 47.9 -1.3, etc.

SKHL 10:20:19:00.4+1.3, 4555N; 15444E, h41km, 11km, Ms4.4/3, msh5.3/1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Kuril'sk, 3.92 254 iP, Pn, 20 20 07.0 -0.9, etc.

2006 DEC

Table with columns: CN2, Changchun, 19.73 272 eP, Pn, 20 23 35.8 -2.8, etc.

360

Table with columns: EK2S, Erkin-Say, 54.47 297 P, P, 20 28 34.7 +1.0, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HIA, HIAI, KIV, KIVS, etc.

NIED 10 23:35:16.8s.1.0, 2726N, 14284E, h0km, mb3.79, Error ellipse: s-maj=22.4km s-min=16.2km az=139.0

ISCJB 10 23:35:18.3s.1.7, 2730N, 008.1430E, 0.1, h24km, 11km, mb3.8/9, Error ellipse: s-maj=16.4km s-min=12.3km az=73.3

JMA 10 23:35:19.7s.0.4, 2738N, 14279E, h53km, M3.7, Error ellipse: s-maj=22.4km s-min=16.2km az=139.0

ISCJB 10 23:35:20.1s.9, 2727N, 008.14290E, 0.10, h21km, 12km, n14, 0.976/17, mb3.8/9, Bonin Islands region

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

IDC 10 23:36:00.9s.3.4, 4628N, 15281E, h0km, mb4.1/7, Error ellipse: s-maj=89.4km s-min=31.7km az=9.0

NEIC 10 23:36:03.0s.0.5, 4637N, 15283E, h10km, mb4.1/4, Error ellipse: s-maj=14.4km s-min=10.5km az=152.0

MOS 10 23:36:06.6s.1.9, 4648N, 15303E, h49km, mb4.4/4, Error ellipse: s-maj=21.5km s-min=13.7km az=79.3

ISCJB 10 23:36:08.5s.1.6, 4699N, 02.1529E, 0.2, h44km, 14km, mb4.0/11, Error ellipse: s-maj=36.0km s-min=10.1km az=119.7

ISC 10 23:36:10.5s.1.5, 4699N, 02.1529E, 0.2, h48km, 13km, n25, 0.685/26, mb4.0/11, 1C-1D, Kuril Islands

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

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

ISCJB 11 00:04:06.6s.1.5, 4215N, 007.7652E, 0.07, h10km, 6km, Error ellipse: s-maj=12.7km s-min=7.5km az=126.7

KNET 11 00:04:07.9s.0.4, 4222N, 7638E, h17km, 1km, m11.8, Error ellipse: s-maj=3.3km s-min=2.2km az=102.0

NCC 11 00:04:07.2s.2.2, 4222N, 7646E, h0km, mb2.8, mpv2.2, Error ellipse: s-maj=14.3km s-min=6.1km az=168.0

ISC 11 00:04:06.4s.1.5, 4216N, 007.7652E, 0.07, h5km, 5km, n11, 0.062/20, 15C-4D, Lake Issyk-Kul region

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

CSEM 11 00:09:06.6s.0.1, 3024N, 5761E, h16km, ML3.6, Error ellipse: s-maj=1.8km s-min=1.0km az=168.0

THR 11 00:09:06.1s.0.4, 3032N, 5761E, h15km, 2km, ML3.6, Error ellipse: s-maj=9.5km s-min=4.9km az=157.6

ISCJB 11 00:09:07.9s.1.2, 3026N, 006.5761E, 0.04, h20km, 13km, Error ellipse: s-maj=9.5km s-min=4.9km az=157.6

TEH 11 00:09:07.5s.3, 3021N, 5765E, h9km, Mn3.7, Error ellipse: s-maj=1.8km s-min=1.0km az=168.0

ISC 11 00:09:07.0s.1.1, 3026N, 005.5762E, 0.03, h5km, 8km, n15, 0.081/28, Northern and central Iran

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

ISCJB 11 00:14:17.5s.1.8, 2163N, 010.1434E, 0.3, h26km, 15km, mb3.3/10, Error ellipse: s-maj=37.9km s-min=16.0km az=179.5

IDC 11 00:14:18.4s.2.1, 2166N, 14338E, h259km, 20km, mb3.2/10, mb1.3/4/11, mb1mx3.3/22, mbmp3.2/11, Error ellipse: s-maj=30.2km s-min=12.7km az=92.0

ISC 11 00:14:18.6s.1.8, 2170N, 01.1434E, 0.2, h264km, 15km, n12, 0.067/13, mb3.3/10, Mariana Islands region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BRTR, Keskin Array B, etc.

IDC 11 00:17:07.8s.2.4, 3929N, 9544E, h0km, mb3.4/3, mb1.3/6/4, mb1mx3.4/2, mbmp3.4/4, ML3.3/1, Error ellipse: s-maj=88.0km s-min=25.3km az=47.0, Off west coast of northern Sumatra

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

KRSC 11 00:51:52.9s.0.4, 5326N, 16037E, h39km, 28km, ML3.6, Near east coast of Kamchatka Peninsula

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

ISCJB 11 00:52:15.5s.0.2, 4633N, 00.1362E, 0.02, h10km, Error ellipse: s-maj=2.3km s-min=1.7km az=64.3

CSEM 11 00:52:15.5s.0.1, 4631N, 1361E, h12km, ML2.7/6, Error ellipse: s-maj=1.1km s-min=0.8km az=25.0

VIE 11 00:52:15.2s.0.3, 4631N, 1361E, h10km, 4km, mb1.8/3, ML2.4/7, Error ellipse: s-maj=2.8km s-min=1.4km az=18.0

LJU 11 00:52:15.8s, 4633N, 1361E, h7km, ML2.1, Error ellipse: s-maj=7.4km s-min=2.9km az=132.0

ROM 11 00:52:15.0s.0.5, 4629N, 1363E, h2km, Md2.6/3, Md2.1/2, Error ellipse: s-maj=7.4km s-min=2.9km az=132.0

PRU 11 00:52:16.4s, 4629N, 1363E, h0km, Error ellipse: s-maj=7.4km s-min=2.9km az=132.0

ISC 11 00:52:16.3s.0.2, 4632N, 00.1362E, 0.02, h10km, n40, 0.094/77, 17C-17D, Austria

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ARSA Arzberg, WTTA Wattenberg, APPI Appiano, etc.

CSEM 11 01:16:45.6:1.3,3871N:2903W,h3km,6km,ML1.8, Error ellipse: s-maj=12.3km s-min=7.0km az=62.0, After PDA PDA 11 01:16:45.6:1.3,3871N:2903W,h3km,6km,MD3.0,ML1.8, Error ellipse: s-maj=12.3km s-min=7.0km az=62.0, SVSA 11 01:16:45.6:1.3,3871N:2903W,h3km,6km,MD3.0,ML1.8, Error ellipse: s-maj=12.3km s-min=7.0km az=62.0, Azores Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PTCA Ponta do Capel, PCED Cedros, CALA Caldeira, etc.

IDC 11 02:30:18.4:1.1,5257N:16064E,h0km,mb3.77, mb1 4.0/7, mb1mx3.7/22, mbtmp3.7/7, Error ellipse: s-maj=34.0km s-min=26.5km az=170.0, MOS 11 02:30:18.0:1.3,5245N:16079E,h14km,mb4.2/4, Error ellipse: s-maj=17.1km s-min=9.9km az=99.1, ISCJB 11 02:30:23.0:0.8,5260N:005:16064E,h0km,7km,mb3.8/8, Error ellipse: s-maj=9.9km s-min=5.0km az=86.5, KRSC 11 02:30:23.0:0.7,5273N:16057E,h18km,18km,ML4.2, NEIC 11 02:30:23.0:0.9,5260N:16060E,h35km, Error ellipse: s-maj=25.1km s-min=14.1km az=181.0, ISC 11 02:30:21.3:1.1,5257N:004:16063E:005,h15km,6km,n39,r135/57,mb3.8/8,2D,Off east coast of Kamchatka

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SPN Myson Shipunski, NLC Nalytchevo, PET Petropavlovsk, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like FINES FINESS Array B, TXAR Lajitas Array, ASAR Alice Springs, etc.

ISCJB 11 02:39:53.0:0.7,4737N:004:14189E:005,h6km,5km,mb3.7/14, Error ellipse: s-maj=7.2km s-min=5.0km az=79.3, MOS 11 02:39:53.3:1.2,4744N:14202E,h9km,mb4.1/8, Error ellipse: s-maj=29.3km s-min=12.9km az=105.3, MOS Fell (IV-V) at Chekhov; (III-IV) at Kostromskoye, IDC 11 02:39:53.7:0.8,4747N:14189E,h9km,mb3.7/10, mb1 3.9/11, mb1mx3.8/20, mbtmp3.7/11, Error ellipse: s-maj=21.7km s-min=20.3km az=57.0, NEIC 11 02:39:55.0:0.4,4740N:14202E,h10km, Error ellipse: s-maj=14.4km s-min=7.9km az=216.0, NEIC Fell [V] at Chekhov and [IV] at Kostromskoye, SKHL 11 02:39:54.1:1.5,4720N:14404E,h10km,mb4.0/4, ISC 11 02:39:55.3:0.8,4737N:004:14204E:006,h12km,6km,n35,r079/42,mb3.7/14,4C-2D, Sakhalin Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Yuzh-Sakhalins, ASAJ Asahikawa, TYV Tyumskoye, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, etc.

NEIC 11 02:43:09.9:0.7,231N:12615E,h35km,mb4.3/3, Error ellipse: s-maj=58.3km s-min=8.9km az=68.0, ISCJB 11 02:43:12.3:2.5,22N:02:1260E:05,h74km,24km,mb4.1/6, Error ellipse: s-maj=86.5km s-min=11.5km az=136.6, IDC 11 02:43:22.0:1.2,217N:12606E,h148km,9km,mb3.6/5, mb1 3.7/5, mb1mx3.4/17, mbtmp3.5/5, Error ellipse: s-maj=78.1km s-min=11.0km az=69.0, ISC 11 02:43:14.7:2.8,23N:02:1263E:05,h81km,26km,n12,r0568/13,mb4.1/6,2C,Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KAKA Kakadu, FITZ Fitzroy Crossi, WRAB Wannamona Creek, etc.

LDG 11 02:46:07.4:0.1,4190N:211W,h3km,ML2.5/4, Error ellipse: s-maj=2.6km s-min=2.2km az=141.0, CSEM 11 02:46:08.2:0.1,4194N:209W,h8km,ML2.4/7, Error ellipse: s-maj=1.5km s-min=1.3km az=151.0, NEIC 11 02:46:08.7,4192N:214W,h11km,ML2.5(LDG), MN1.7(MDD), After MDD, MDD 11 02:46:08.7:0.5,4193N:213W,h11km,mbLg1.8/13, Error ellipse: s-maj=3.4km s-min=3.1km az=59.0, PRXIMO, Spain

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ECRI Cripton, ETOR Torete, ESAC San Caprasio, etc.

11d 5h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EPOB Poble, ESDC Sonseca Array, ESDC Sonseca Array, etc.

MAN 11 02:47:38.8, 719N-124.17E, h15km, mb3.1, ML4.4, MS3.6, 1D, Mindanao

NEIC 11 02:50:48.8, 3771N-21.12E, h5km, MD3.5(A/H), After ATH

CSEM 11 02:50:48.8, 3771N-21.12E, h5km, MD3.5/8, After ATH

NEIC 11 03:28:57.0, 1.0, 3885N-2894W, h5km, 6km, ML1.7, Error ellipse: s-maj=10.9km s-min=4.7km az=82.0

SWSA 11 03:28:57.0, 1.0, 3885N-2894W, h5km, 6km, MD3.0, ML1.7, Error ellipse: s-maj=10.9km s-min=4.7km az=82.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCED Cedros, CALA Caldeira, etc.

MAN 11 03:42:36.2, 991N-126.24E, h2km, mb3.0, ML4.3, MS2.3, 1C, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SCPH Surigao, MSRP Maasin, etc.

IDC 11 04:10:00.4, 1.2, 285S-12001E, h0km, mb3.5/5, mb1 3.6/5, mb1mx3.5/17, mbtmp3.5/5, MS3.9/1, Ms1 3.9/1, ms1mx2.4/14, Error ellipse: s-maj=57.0km s-min=21.7km az=52.0

NEIC 11 04:10:05.2, 0.7, 292S-11997E, h35km, mb3.6/1, Error ellipse: s-maj=33.7km s-min=11.3km az=49.0, Sulawesi

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PSI Prapat, WRA Warramunga Arr, WRAB Tennant Creek, etc.

CSEM 11 04:13:47.5, 1.0, 3879N-2877W, h4km, 6km, ML1.8, Error ellipse: s-maj=9.1km s-min=1.1km az=96.0, After PDA

SWSA 11 04:13:47.5, 1.0, 3879N-2877W, h4km, 6km, MD2.9, ML1.8, Error ellipse: s-maj=9.1km s-min=1.1km az=96.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCED Cedros, PTCa Ponta do Capel, CALA Caldeira, etc.

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Table with columns: PICO Pico, PICO Pico, PICO Candalaria, etc. Includes station codes and coordinates.

IDC 11 04:15:27.9, 0.8, 220N-96.06E, h0km, mb4.3/11, mb1 4.4/12, mb1mx4.2/21, mbtmp4.3/12, ML3.4/1, MS3.7/5, MS1 3.7/5, ms1mx3.3/30, Error ellipse: s-maj=33.3km s-min=14.5km az=45.0

Bull 11 04:15:27.5, 1.7, 1N-96.22E, h41km, mb4.4, mb4.9, ISJCJB 11 04:15:29.3, 3.0, 220N-96.08E, h10E-0.08, h21km, mb4.6/32, MS3.8/4, Error ellipse: s-maj=16.2km s-min=7.6km az=89.3

NEIC 11 04:15:32.1, 0.4, 222N-96.08E, h30km, mb4.5/12, Error ellipse: s-maj=10.6km s-min=5.9km az=213.0

ISC 11 04:15:31.2, 4.2, 226N-007.9609E-008, h18km, 26km, N52, e1900/48, mb4.6/32, MS3.8/4, 3C-1D, Northern Sumatra

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PSI Prapat, BSI Banda Aceh, PPI Padang Panjang, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KULM Kulim, KSM Kuning, PALK Pallekle, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GYA Guiyang, JIRN Jiri, DMN Daman, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GKN Gorkha, KOLN Koldanda, CD2 Chengdu, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like XAN Xi'an, FITZ Fitzroy Crossi, GTA Gaotai, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KAKA Kakadu, BJT Baijitiarru, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRAB Tennant Creek, WB2 Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRSR Korea Arr, WRA Warramunga Arr, WRAB Tennant Creek, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, WB2 Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRSR Korea Arr, WRA Warramunga Arr, WRAB Tennant Creek, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKR1 Makanchi Array, MKR2 Makanchi Array, SONM Songoing Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SONM Songoing Array, PMG Port Moresby, CTA Charters Towers, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, BRVK Borovoye, CHKZ Chikotovo, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KMBO Kilima Mbogo, BRTR Keskin Array B, BR131 Keskin Array B, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TIXI Tiksi, AKASG Malin Array B, AKASG Malin Array B, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKASG Malin Array B, JOF Joensuu, FINESS FINESS Array B, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARCES ARCES Array B, GERES GERES Array B, VVDA Vanda, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TXAR Lajitas Array, IDC 11 04:40:18.0, 1.1, 864S-12014E, h0km, mb3.7/3, mb1 3.9/6, etc.

NEIC 11 04:40:22.5, 1.3, 895S-11967E, h35km, mb3.5/1, Error ellipse: s-maj=76.0km s-min=13.6km az=56.0, Flores region

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

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

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

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Table with columns: STKA Stephens Creek, GUMO Guam, SONM Songoing Array, MKAR Makanchi Array, TORD Torodi Arr, etc.

NEIC 11 04:42:19.5, 1.2, 5134S-15837E, h10km, mb3.9/2, Error ellipse: s-maj=27.0km s-min=14.2km az=138.0

ISCJB 11 04:43:48.2, 1.4, 4700S-008, 1660E-0.1, h10km, Error ellipse: s-maj=11.5km s-min=10.4km az=92.0

WEL 11 04:43:48.6, 0.6, 4712S-16566E, h33km, ML4.9, Error ellipse: s-maj=6.3km s-min=3.7km az=90.0

ISC 11 04:43:49.0, 1.4, 4709S-008, 1660E-0.1, h10km, n26, e1909/37, Off west coast of South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like APZ The Paps, WHZ Wether Hill R, WHZ Wether Hill R, etc.

IDC 11 04:58:52.3, 2.4, 617S-15146E, h0km, mb3.8/4, mb1 3.9/5, mb1mx3.7/15, mbtmp3.8/5, ML2.4/1, Error ellipse: s-maj=66.4km s-min=38.3km az=128.0

NEIC 11 04:58:51.5, 5.1, 599S-15160E, h10km, mb3.8/1, Error ellipse: s-maj=85.4km s-min=50.1km az=187.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMG Port Moresby, PMG Tennant Creek, WRA Warramunga Arr, etc.

ISCJB 11 05:12:39.6, 1.4, 472N-01x:1527E-02, h71km, 13km, mb3.5/10, Error ellipse: s-maj=27.0km s-min=11.0km az=94.1

MOS 11 05:12:40.1, 1.4, 4728N-15256E, h76km, mb4.1/4, Error ellipse: s-maj=29.3km s-min=13.6km az=59.4

IDC 11 05:12:43.1, 3.8, 4720N-15264E, h89km, 35km, mb3.3/10, mb1 3.6/12, mb1mx3.5/24, mbtmp3.4/12, Error ellipse: s-maj=24.7km s-min=16.4km az=130.0

ISC 11 05:12:41.4, 1.3, 4731N-01, 1526E-02, h73km, 12km, n23, e083/23, mb3.5/10, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUR Kuril'sk, KUR Kuril'sk, SKR Severo-Kuril'sk, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAJ Asahikawa, ASAJ Asahikawa, MJAR Matsushiro Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRSR Korea Arr, INK Inuvik, INK Inuvik, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PDAR Pinedale Arr, WRA Warramunga Arr, AKASG Malin Array B, etc.

Table of astronomical objects with columns for object name, coordinates, magnitude, and other parameters. Includes objects like VRAC Vranov, VYHS Vyhne, TIRR Tirgusor, etc.

Table of astronomical objects with columns for object name, coordinates, magnitude, and other parameters. Includes objects like SOTA Sankt Quirin, CRES Cresna, DIVS Divclibre, etc.

Table of astronomical objects with columns for object name, coordinates, magnitude, and other parameters. Includes objects like ASAR Airac Springs, FITZ Fitzroy Crossi, VVDA Vanda, etc.

11d 9h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Vladivostok, Kurchatov, Lanzhou, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like PET, BILL, ARU, GYA, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like MORE, IMA2, ZEI, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like E07A Sunnyside, LHEM Herd Peak, K04A Chiquin, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like PACP Pacheco Peak, HAST UC Hastings Re, P06A Stead Airport, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like HLID Hailey, HLID Hailey, P10A Eureka, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like Malin Array Be, Kieff, Boulder Array, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like La Paz, SIV, CFAA, VNA3, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like Kumora, Severomuyuk, Suvo, etc.

ISCJB 11 09:49:46.2 ± 1.9, 2161S:006:683W.01, h68km, 18km, mb3.7/6, Error ellipse: s-maj=17.8km s-min=10.5km az=9.6
ISC 11 09:49:54.0 ± 0.8, 2157S:6825W, h122km, 6km, mb3.5/6, mb1.3/8, mb1mx3.7/17, mbtmpp3.6/8, Error ellipse: s-maj=21.4km s-min=18.3km az=78.0
ISC 11 09:49:48.2 ± 1.3, 2165S:005:684W.01, h69km, 13km, n17,

Table with columns: KPC, KPC, KPC, KPC, KPC, MOY, MOY, MOY, MOY, ORL, ORL, ORL, ORL. Includes station names like Khapcheranga, Prapat, Chiang Mai, etc.

IDC 11 12:29:45.2-1.6, 2.66N-95.49E, h0km, mb4.0/6, mb1.4/1.7, mb1mx3.8/22, mbtmp4.07, ML3.3/1, Error ellipse: s-maj=44.4km s-min=18.9km az=51.0

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists various stations and their coordinates.

IDC 11 12:44:19.2-0.7, 5.223N-175.82W, h0km, mb3.8/11, mb1.4/1.1, mb1mx3.9/25, mbtmp3.8/11, Error ellipse: s-maj=29.7km s-min=16.0km az=166.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like Atka, Amchitka, SVW2, etc.

Table with columns: WRA, ASAR, GII, ISCJB, CSEM, GRAL, ISC. Includes station names like Warramunga Arr, Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like BHL, RCH, RCY, etc.

IDC 11 13:08:11.5-10.0, 21.78N-142.96E, h175km, 104km, mb3.1/7, mb1.3/3.7, mb1mx3.2/21, mbtmp3.1/7, Error ellipse: s-maj=45.1km s-min=16.0km az=83.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like KRSR, SONM, WRA, ASAR, ZAL, MKAR, YKA.

ISCJB 11 13:21:07.6-0.4, 31.79N-0.03-116.26W, h0km, mb3.0/1, MS3.6/3, Error ellipse: s-maj=4.3km s-min=3.0km az=166.0

NEIC 11 13:21:08.4, 31.79N-116.25W, h6km, ML4.0(PAS), ML4.2(ECX), After ECX.

NEIC Felt [I] at Chula Vista; felt at El Cajon, Jamul, Orange, San Juan Bautista and Spring Valley, California.

ECX 11 13:21:08.3-0.7, 31.79N-116.26W, h8km, 24km, MD4.1, ML4.2

IDC 11 13:21:09.6-2.8, 32.00N-116.06W, h0km, mb3.0/1, mb1.3/6.6, mb1mx3.6/22, mbtmp3.4/5, ML3.6/4, MS3.6/5, MS1.3/6.5, ms1mx3.4/11, Error ellipse: s-maj=41.2km s-min=10.6km az=49.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like ECN, ENX, RDX, etc.

ISC 11 13:21:09.2-0.4, 31.80N-0.03-116.30W, h0km, n47, i146/57, mb3.0/1, MS3.6/3, 5C-7D, Baja California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like ECN, ENX, RDX, etc.

PFO Pinyon Flat Ob 1.81 356 P Pn 12 22 02.6

PFO Pinyon Flat Ob 1.81 356 P Pn 12 21 38.8 -1.9

DAC Darwin (Calif) 4.59 347 P Pn 12 23 18.8 -0.1

TUC Tucson 4.71 82 P Pn 12 22 15.2 -5.4

PTRM Twisselman Ran 5.04 321 P Pn 12 22 22.6 -2.5

WUJZ Wupatki 5.53 47 P Pn 12 22 30.9 -1.0

MTUJ Tungsten Hills 5.84 342 P Pn 12 22 57.0 -1.0

MTUJ Little Rabbit 6.05 321 P Pn 12 22 41.3 +2.4

CCUT Cedar City 6.22 322 P Pn 12 22 42.2 +0.8

TPH Tonopah 6.30 353 P Pn 12 22 51.3 +8.8

Table with columns: BW06, PDAR, TPAW, SNOW, MOOH, ULM, TKL, YKA, YKA. Includes station names like Boulder Array, Pinedale Array, etc.

NIED 11 13:33:00, 46.70N-153.00E, h32km, Mw4.4 Best double couple: Mo3.99000-1015 NP1.8=133.00000, 888.00000, lambda-178.00000. NP2.8=224.00000, 853.00000, lambda-178.00000.

IDC 11 13:33:22.7-0.5, 46.84N-152.66E, h0km, mb4.5/20, mb1.4/7.21, mb1mx4.6/25, mbtmp4.5/21, ML4.0/1, MS3.9/7, Ms1.3/9.7, ms1mx3.6/25, Error ellipse: s-maj=16.9km s-min=13.4km az=146.0

Bull 11 13:33:23.2, 46.86N-153.09E, h28km, mb4.9, mb4.7, Ms4.4, MS4.2

SZGRF 11 13:33:23.9, 46.03N-153.74E, h33km, mb4.9, Kuril Islands, Russia

NEIC 11 13:33:24.3-0.3, 46.77N-152.64E, h10km, mb4.8/33, Error ellipse: s-maj=8.3km s-min=5.5km az=148.0

ISCJB 11 13:33:27.5-0.6, 46.62N-0.04-152.82E, h50km, 5km, mb4.8/80, MS4.0/13, Error ellipse: s-maj=7.3km s-min=4.3km az=94.8

MOS 11 13:33:27.7-1.0, 46.76N-152.64E, h46km, mb4.8/31, Error ellipse: s-maj=9.8km s-min=5.9km az=100.7

JMA 11 13:33:28.4-0.8, 46.68N-152.99E, h30km, MS2, SKHL 11 13:33:28.9-1.3, 46.60N-153.10E, h58km, 2km, mb5.3/4, ms5.2

ISC 11 13:33:29.9-0.5, 46.75N-152.72E, h53km, 4km, h11km, 8.5km, pp-P, n249, i123/268, mb4.8/80, MS4.0/13, 16C-11D, Kuril Islands

KUR Kuril'sk 3.71 248 i P Pn 13 34 23.8 -0.8

KUR Kuril'sk 3.71 248 i P Pn 13 35 05.5 -1.5

KUR Kuril'sk 3.71 248 i P Pn 13 34 23.8 -0.8

KUR Kuril'sk 3.71 248 i P Pn 13 34 30.5

KUR Kuril'sk 3.71 248 i P Pn 13 34 30.5

KUR Kuril'sk 3.71 248 i P Pn 13 34 30.5

KUR Kuril'sk 3.71 248 i P Pn 13 35 05.5 -1.5

KUR Kuril'sk 3.71 248 i P Pn 13 35 18.0

KUR Kuril'sk 3.71 248 i P Pn 13 35 25.4

KUR Kuril'sk 3.71 248 i P Pn 13 35 25.4

KUR Kuril'sk 3.71 248 i P Pn 13 35 25.4

KUR Kuril'sk 3.71 248 i P Pn 13 35 25.4

KUR Kuril'sk 3.71 248 i P Pn 13 35 25.4

KUR Kuril'sk 3.71 248 i P Pn 13 35 25.4

KUR Kuril'sk 3.71 248 i P Pn 13 35 25.4

KUR Kuril'sk 3.71 248 i P Pn 13 35 25.4

KUR Kuril'sk 3.71 248 i P Pn 13 35 25.4

KUR Kuril'sk 3.71 248 i P Pn 13 35 25.4

KUR Kuril'sk 3.71 248 i P Pn 13 35 25.4

KUR Kuril'sk 3.71 248 i P Pn 13 35 25.4

KUR Kuril'sk 3.71 248 i P Pn 13 35 25.4

KUR Kuril'sk 3.71 248 i P Pn 13 35 25.4

11d 13h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASAJ, ASAHIKAWA, JKK2, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like BILL, BILIBINO, BJLL, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like LSA, LSA, CHKZ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kuril'sk, Nemuro 2, and various other locations.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Fuego 3, Robledal, and various other locations.

PRE 11 16:56:51.6±1.2, 2640S-2749E, h2km, ML3.7, South Africa

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Parys, Silvertown, Senekal, and others.

ISCJB 11 17:06:16.7±0.8, 150S, 0.3±1.792W, 0.2, h500km, mb3.3/5, Error ellipse: s-maj=40.0km s-min=19.3km az=118.6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Warramunga Arr, ASAR, and others.

IDC 11 17:48:28.6±2.0, 363S-12541E, h0km, mb3.4/2, mb1 3.6/3, mb1mx3.3/17, mbtmp3.4/3, ML3.9/1, Error ellipse: s-maj=278.8km s-min=26.5km az=63.0, Ceram Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Warramunga Arr, ASAR, and others.

NEIC 11 18:11:42.7, 3073S-7136W, h43km, MD3.9(GUC), After GUC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMCH, PTCH, and others.

ISCJB 11 18:27:27.1±0.8, 3877N, 002-2629E, 0.07, h5km, 5km, Error ellipse: s-maj=9.3km s-min=3.6km az=151.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like URLA, Parakevi, and others.

CASC 11 15:30:34.0±0.2, 1401N-9228W, h91km, 35km, MD4.1, 1C-2D, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Jato.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EZN, BOZC, SMG, AKS, CANB, etc.

PRU 11 18:53:12.6, 5031N; 1891E, h0km
WAR 11 18:53:12.9, 5023N; 1908E, ML2.5, Mining Induced,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OJC, OKC, NIE, STHS, etc.

CSEM 11 19:01:36.3, 6790N-2013E, h0km, ML3.8, Suspected Mining explosion. After UPP
UPP 11 19:01:36.3, 6790N-2013E, h0km, ML3.8, Suspected Mining explosion.

HEL 11 19:01:36.9, 0.1, 6791N-2010E, h0km, ML3.8(UPP), Explosion, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KUA, NIKA, LANU, etc.

IDC 11 19:03:31.8, 1.8, 4358N; 10540W, h0km, mb1 3.6/3, mb1mx3.4/21, mbmp3.4/3, ML3.2/3, Error ellipse:
s-maj=39.9km s-min=8.6km az=151.0
ISCJB 11 19:03:32.2, 0.5, 4373N-0045, 10526W, 0.06, h0km, Error ellipse:
s-maj=6.7km s-min=5.4km az=16.2

NEIC 11 19:03:33.6, 0.4, 4367N; 10527W, h0km, ML3.1, Error ellipse:
s-maj=2.6km s-min=4.8km az=129.0, Suspected Mining explosion.

NEIC 70 km [45 miles] SSE of Gillette.
ISC 11 19:03:33.6, 0.5, 4371N-0033, 10527W, 0.06, h0km, n33, 1924/43, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RSSD, PHWY, RWWY, LAO, etc.

NEIC 11 19:05:32.2, 0.5, 2189N; 14307E, h35km, mb4.2/4, Error ellipse:
s-maj=19.4km s-min=8.7km az=82.0
ISCJB 11 19:05:49.5, 7.5, 2181N; 0.1, 1428E, 0.3, h199km, 70km, mb3.6/13, Error ellipse:
s-maj=39.0km s-min=14.8km az=159.9

IDC 11 19:05:49.1, 7.7, 2180N; 14291E, h182km, 73km, mb3.4/10, mb1 3.6/10, mb1mx3.5/21, mbmp3.4/10, Error ellipse:
s-maj=33.5km s-min=13.7km az=82.0
ISC 11 19:05:50.2, 6.6, 2179N; 0.1, 1429E, 0.3, h191km, 62km, n15, 0549/15, mb3.8/13, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSR5, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SONM, WRAB, WBA, etc.

CSEM 11 19:16:57.5, 0.1, 3706N; 554W, h2km, ML3.3/9, Error ellipse:
s-maj=1.6km s-min=1.0km az=11.0
NEIC 11 19:16:58.3, 3704N; 554W, h11km, MN2.6(MDD), After MDD.

NEIC Felt [III] at Montellano.
SFS 11 19:16:58.0, 3707N; 555W, h0km, ML2.6
INMG 11 19:16:58.1, 1.1, 3704N; 555W, h11km, 3km, ML2.6, Error ellipse:
s-maj=1.8km s-min=1.3km az=33.0
MDD 11 19:16:58.2, 0.2, 3705N; 553W, h10km, mblg2.6/26, Error ellipse:
s-maj=2.6km s-min=1.9km az=2.0, PRXIMO I EL CORONIL, CORRIPE, Spain

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LJA, REAL, ESPR, etc.

EMIN 11 19:18:32.0, 2.2, 3705N; 553W, h10km, mblg2.6/26, Error ellipse:
s-maj=2.6km s-min=1.9km az=2.0, PRXIMO I EL CORONIL, CORRIPE, Spain

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

EQES 11 19:26:13.1, 1.9, 4719N; 15370E, h0km, mb3.7/8, mb1 4.0/8, mb1mx3.7/23, mbmp3.7/8, Error ellipse:
s-maj=30.9km s-min=28.5km az=164.0
ISCJB 11 19:26:13.1, 1.9, 4719N; 15370E, h0km, mb3.7/9, Error ellipse:
s-maj=30.3km s-min=8.4km az=115.1
NEIC 11 19:26:13.1, 1.9, 4719N; 15370E, h0km, mb4.1/1, Error ellipse:
s-maj=23.3km s-min=12.9km az=166.0
MOS 11 19:26:13.1, 1.9, 4719N; 15370E, h37km, mb4.3/5, Error ellipse:
s-maj=24.8km s-min=16.1km az=147.3

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

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

ISC 11 19:28:14.1, 1.0, 4769N; 15370E, h0km, mb3.7/8, mb1 4.0/8, mb1mx3.7/23, mbmp3.7/8, Error ellipse:
s-maj=30.9km s-min=28.5km az=164.0
ISCJB 11 19:28:14.1, 1.0, 475N; 0.2, 1537E, 0.2, h0km, mb3.7/9, Error ellipse:
s-maj=30.3km s-min=8.4km az=115.1
NEIC 11 19:28:14.1, 1.0, 4769N; 15370E, h0km, mb4.1/1, Error ellipse:
s-maj=23.3km s-min=12.9km az=166.0
MOS 11 19:28:14.1, 1.0, 4719N; 15370E, h37km, mb4.3/5, Error ellipse:
s-maj=24.8km s-min=16.1km az=147.3

ISC 11 19:28:14.1, 1.0, 4769N; 15370E, h0km, mb3.7/8, mb1 4.0/8, mb1mx3.7/23, mbmp3.7/8, Error ellipse:
s-maj=30.9km s-min=28.5km az=164.0
ISCJB 11 19:28:14.1, 1.0, 475N; 0.2, 1537E, 0.2, h0km, mb3.7/9, Error ellipse:
s-maj=30.3km s-min=8.4km az=115.1
NEIC 11 19:28:14.1, 1.0, 4769N; 15370E, h0km, mb4.1/1, Error ellipse:
s-maj=23.3km s-min=12.9km az=166.0
MOS 11 19:28:14.1, 1.0, 4719N; 15370E, h37km, mb4.3/5, Error ellipse:
s-maj=24.8km s-min=16.1km az=147.3

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

ISC 11 19:28:14.1, 1.0, 4769N; 15370E, h0km, mb3.7/8, mb1 4.0/8, mb1mx3.7/23, mbmp3.7/8, Error ellipse:
s-maj=30.9km s-min=28.5km az=164.0
ISCJB 11 19:28:14.1, 1.0, 475N; 0.2, 1537E, 0.2, h0km, mb3.7/9, Error ellipse:
s-maj=30.3km s-min=8.4km az=115.1
NEIC 11 19:28:14.1, 1.0, 4769N; 15370E, h0km, mb4.1/1, Error ellipse:
s-maj=23.3km s-min=12.9km az=166.0
MOS 11 19:28:14.1, 1.0, 4719N; 15370E, h37km, mb4.3/5, Error ellipse:
s-maj=24.8km s-min=16.1km az=147.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PLOU, EMUR, PMAFR, etc.

ISC 11 19:28:14.1, 1.0, 4769N; 15370E, h0km, mb3.7/8, mb1 4.0/8, mb1mx3.7/23, mbmp3.7/8, Error ellipse:
s-maj=30.9km s-min=28.5km az=164.0
ISCJB 11 19:28:14.1, 1.0, 475N; 0.2, 1537E, 0.2, h0km, mb3.7/9, Error ellipse:
s-maj=30.3km s-min=8.4km az=115.1
NEIC 11 19:28:14.1, 1.0, 4769N; 15370E, h0km, mb4.1/1, Error ellipse:
s-maj=23.3km s-min=12.9km az=166.0
MOS 11 19:28:14.1, 1.0, 4719N; 15370E, h37km, mb4.3/5, Error ellipse:
s-maj=24.8km s-min=16.1km az=147.3

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

JMA 11 21:15:45.3:0.1, 2.997N, 14175E, h52km, M4.2, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like CBIJ, CBJJ, JHHU, etc.

IDC 11 21:16:35.6:1.0, 6.205S, 14779E, h0km, mb4.2/7, mb1 4.4/11, mb1mx4.2/18, mbtmp4.3/11, ML4.0/4, MS3.1/1, Ms1 3.1/1, ms1mx2.7/16, Error ellipse: s-maj=30.6km, s-min=12.9km az=109.0

ISCJB 11 21:16:40.2:5.635S, 0.1x1479E, 0.1, h51km, 26km, mb4.0/7, Error ellipse: s-maj=22.5km s-min=13.5km az=101.0

NEIC 11 21:16:41.3:1.4, 6.272S, 14788E, h45km, 15km, mb4.0/4, Error ellipse: s-maj=16.2km s-min=8.7km az=142.0

ISC 11 21:16:37.9:3.2, 6.205S, 14785E, 0.09, h14km, 21km, n21, of=76/22, mb4.0/7, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like PMG, PNC, HNR, etc.

IDC 11 22:24:50.0:0.6, 2.435S, 14003E, h0km, mb4.2/13, mb1 4.5/16, mb1mx4.5/17, mbtmp4.3/16, ML4.3/3, MS3.9/10, Ms1 3.9/10, ms1mx3.6/23, Error ellipse: s-maj=23.4km s-min=13.9km az=87.0

BJI 11 22:24:49.5:3.12S, 14015E, h31km, mb4.7, Error ellipse: s-maj=10.5km s-min=6.0km az=16.0

ISCJB 11 22:24:55.3:1.9, 2.685S, 14005E, 0.08, h56km, 18km, mb4.4/23, MS3.9/7, Error ellipse: s-maj=12.8km s-min=7.2km az=16.0

NEIC 11 22:24:55.6:0.4, 2.465S, 14021E, h35km, mb4.4/11, Error ellipse: s-maj=12.4km s-min=8.0km az=68.0

NEIC Felt [V] at Genyem and [III] at Jayapura and Sentani.

ISC 11 22:24:58.2:1.8, 2.835S, 13995E, 0.07, h61km, 18km, n58, of=147/55, mb4.4/22, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like PMG, KAKA, GUMU, etc.

KSRS Korea Array 41.61 346 P 22 32 36.1 -4.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KSRS, COCO, LZH, etc.

LSA comp=Z, 5.0nm, 1.1s, mb4.5

SOMM comp=Z, 0.4nm, 0.8s, mb3.5, baz=123, slow=3, SNR=5.1

KUN comp=Z, 1.50nm, 18.2s, baz=10, slow=34

DMN Daman 60.81 304 eP 22 35 04.6 +0.7

KOLN Koldanda 62.12 303 eP 22 35 14.2 +1.5

MK31 Makaloni Array 70.64 322 eP 22 36 06.9 +0.3

MKAR Makanchi Array 70.64 322 P 22 36 06.7 -0.5

ZAL Zalesovo 72.67 329 P 22 36 17.4 -2.0

AAK Ala-Archa 74.16 316 P 22 36 28.8 +0.7

KURK Kurchatov 74.53 325 eP 22 36 28.9 -1.4

VANDA Vanda 75.55 175 P 22 32 36.9 +0.8

VNDA Vanda 75.55 175 P 22 32 36.9 +0.8

SBA Scott Base 76.30 174 eP 22 36 44.6 +4.1

CHKZ Chkalovo 80.24 326 eP 22 37 01.0 -0.9

MAW Mawson 82.48 202 eP 22 37 16.9 +2.9

MAW Mawson 82.48 202 eP 22 37 17.7 +3.7

COLLEGE College 85.07 24 P 22 37 26.4 -0.9

QSPA South Pole Qui 87.11 180 P 22 37 40.7 +3.4

DAWY Dawy 88.44 26 eP 22 37 42.2 -1.4

YKA Yellowknife Arr 96.61 27 P Pdif 22 38 32.0 -2.9

EIL Eliat 104.43 300 ePdif Pdif 22 38 59.9 +2.7

TORD Torodi Arr. Bea 137.48 286 PKP PKPpdf 22 44 17.9 +3.0

LPAZ La Paz 146.37 125 PKPbc PKPbc 22 44 34.8 +2.7

SDV Santo Domingo 149.00 77 PKPbc PKPbc 22 44 39.8 +0.6

SDV Santo Domingo 149.00 77 PKPbc PKPbc 22 44 39.8 +0.6

SIV San Ignacio 152.04 133 PKP PKPpdf 22 44 42.5 +2.6

SIV San Ignacio 152.04 133 PKPbc PKPbc 22 44 50.2 +3.7

NEIC 11 22:31:16.5, 15.97N, 99.06W, h16km, MD3.6(MEX), After MEX.

MEX 11 22:31:16.3:0.6, 15.97N, 99.04W, h16km, 21km, MD3.7, Off coast of Guerrero

PNIG Pinotepa 0.98 64 iP 22 31 42.8 -4.7

PNIG Pinotepa 0.98 64 iS 22 31 42.8 -4.7

ACX Acapulco 1.23 317 eP 22 31 35.0 -3.7

ACX Acapulco 1.23 317 eS 22 31 49.0 -5.6

UTMO Huajuapán 2.20 32 iP 22 32 14.8 -2.4

UTMO Huajuapán 2.20 32 iS 22 32 15.0 -4.0

PLIG Platanillo 2.45 350 iP 22 32 08.9 -2.6

PLIG Platanillo 2.45 350 iS 22 32 21.0 -4.2

VHO Vista Hermosa 2.47 63 iP 22 31 53.9 -2.0

VHO Vista Hermosa 2.47 63 iS 22 32 22.8 -3.0

PHIG Tehuacán 2.92 33 iS 22 32 35.1 -1.6

NEIC 11 22:31:48.8, 31.48S, 71.57W, h31km, ML2.7(GUC), After GUC.

GUC 11 22:31:48.8:0.5, 31.48S, 71.57W, h31km, 30km, MD3.5, ML2.7, 1C-1D, Near coast of central Chile

CMCH Combarbala 0.57 58 iP 22 32 00.3 -0.2

CMCH Combarbala 0.57 58 iS 22 32 08.9 +0.4

CMCH Combarbala 0.57 58 iS 22 32 21.6

CMCH Combarbala 0.57 58 iP 22 32 00.3 -0.2

CMCH Combarbala 0.57 58 iS 22 32 08.9 +0.4

PTCH Petorca 0.95 145 eP 22 32 18.3 -0.1

PTCH Petorca 0.95 145 eS 22 32 22.3

PTCH Petorca 0.95 145 eS 22 32 05.5 -0.5

JACH Jahuel 1.45 146 iP 22 32 14.2 +1.4

JACH Jahuel 1.45 146 iS 22 32 33.4 +2.6

TLL Tololo Astrono 1.47 27 iP 22 32 14.4 +3.0

TLL Tololo Astrono 1.47 27 iS 22 32 34.2 +1.3

ROCH El Roble 1.56 163 eP 22 32 16.0 +1.7

ROCH El Roble 1.56 163 eS 22 32 38.9 +3.2

PEL Peidehue 1.82 156 eP 22 32 19.1 +1.2

PEL Peidehue 1.82 156 eS 22 32 42.9 +3.1

MKAR Makanchi Array 70.50 322 P 22 31 08.4 +0.1

KURK Kurchatov 74.38 325 P 22 31 30.1 -1.3

BRVK Borovoye 80.04 325 eP 22 32 02.7 -0.4

CHKZ Chkalovo 80.80 326 P 22 52 03.0 0.0

LPAZ La Paz 146.41 125 PKPbc PKPbc 22 59 36.5 +1.9

ISCJB 11 23:07:27.8:0.5, 4.757N, 0.003, 753E, 0.04, h14km, 4km, Error ellipse: s-maj=5.0km s-min=4.0km az=87.1

ZUR 11 23:07:28.9, 4.758N, 760E, h5km, 1km, ML1.2

STR 11 23:07:28.5:0.7, 4.756N, 757E, h5km, 1km, ML1.7, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 11 23:07:29.2:0.2, 4.760N, 756E, h8km, MD2.0, M12.0/7, Error ellipse: s-maj=2.8km s-min=1.8km az=106.0

ISC 11 23:07:28.2:0.5, 4.757N, 0.003, 756E, 0.04, h18km, 5km, n17, of=71/23, 1C-1D, Switzerland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like BALST, BOURR, SULZ, etc.

BJI 11 23:26:31.7:2.13N, 128.78E, h51km, mb5.1, mb4.9, Ms4.9, Ms2.7

ISCJB 11 23:26:34.6:0.2, 2.561N, 0.003, 128.54E, 0.04, h45km, Ms5.0/68, MS4.1/24, Error ellipse: s-maj=6.8km s-min=4.0km az=132.7

MOS 11 23:26:35.2:1.1, 2.611N, 128.34E, h48km, mb5.1/18, Error ellipse: s-maj=15.9km s-min=6.7km az=107.9

IDC 11 23:26:37.0:2.8, 2.541N, 128.27E, h52km, 25km, mb4.4/19, mb1 4.5/19, mb1mx4.4/21, mbtmp4.4/19, MS4.0/17, Ms1 4.0/17, ms1mx3.7/29, Error ellipse: s-maj=26.8km s-min=10.5km az=60.0

NEIC 11 23:26:36.0:0.5, 2.571N, 128.47E, h44km, 5km, mb4.9/19, Error ellipse: s-maj=10.2km s-min=5.1km az=76.0

ISC 11 23:26:36.0:0.3, 2.568N, 0.003, 128.62E, 0.05, h47km, h47km, 3.5km, pP-P, n151, of=104/161, mb5.0/67, MS4.1/24, 3C-4D, Halmahera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like MATI, GSPH, DAV, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FINES, NOA, AKASG, ASAR, TXAR, GERE, etc.

ISCJB 12 01:28:39.6, 0.8, 4135N, 005:4633E, h10km, Error ellipse: s-maj=7.2km s-min=3.4km az=152.4

TIF 12 01:28:39.4, 4140N, 4619E, h6km, 3km CSEM 12 01:28:42.0, 4153N, 4632E, h5km, mb4.1, Error ellipse: s-maj=17.1km s-min=9.8km az=189.0, After OBN

MOS 12 01:28:42.0, 4153N, 4632E, h5km, mb4.1/1, Error ellipse: s-maj=17.1km s-min=9.8km az=108.9

ISC 12 01:28:40.0, 0.8, 4135N, 005:4631E, h10km, n18, r122/34, 1C-1D, Eastern Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DGRG, KMKR, GNBK, etc.

WEL 12 01:39:20.3, 0.3, 3860S, 17582E, h144km, 2km, ML3.6/17, 3C-1D, Error ellipse: s-maj=3.6km s-min=3.3km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TUVZ, FWVZ, TRVZ, etc.

CSEM 12 01:40:57.0, 1.1, 3707N, 556W, h2km, ML3.4/15, Error ellipse: s-maj=1.5km s-min=0.9km az=4.0

NEIC 12 01:40:58.2, 3709N, 556W, h4km, MN2.5(MDD), After MDD

NEIC Felt [I] at Montellano. SFS 12 01:40:58.0, 3708N, 557W, h0km, ML2.4

IGL 12 01:40:58.4, 3710N, 550W, h13km, ML3.3

INMG 12 01:40:58.6, 1.2, 3707N, 556W, h12km, ML2.6, Error ellipse: s-maj=1.7km s-min=1.1km az=20.0

MDD 12 01:40:58.2, 0.2, 3710N, 556W, h4km, 3km, mbLg2.5/23, 3C-3D, Error ellipse: s-maj=2.7km s-min=1.7km

az=166.0, PRXIMO I EL CORONIL CORIPE, Spain

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LUJA, ESPR, GIBL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MOMI, CNIL, EMIN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EADA, ERIP, ERON, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EGRO, ECGO, EGUA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EBAN, EBAD, EBAB, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ESDC, EVIA, PCBR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LIS, PLOU, PMAFR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EMUR, ETOB, GUD, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PVIS, ECHE, PVRL, etc.

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

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

ISCJB 12 01:55:21.4, 5.7, 468N, 15582E, h7km, 36km, mb4.0/10, Error ellipse: s-maj=22.8km s-min=13.2km

IDC 12 01:55:22.2, 1.1, 4677N, 15582E, h0km, mb3.5/5, mb1.3/8.5, mb1mx3.5/22, mbtpp3.5/5, Error ellipse: s-maj=34.9km s-min=28.4km az=134.0

NEIC 12 01:55:23.9, 0.5, 4680N, 15578E, h10km, mb4.3/4, Error ellipse: s-maj=13.6km s-min=8.3km az=124.0

MOS 12 01:55:27.3, 1.3, 4689N, 15569E, h54km, mb4.6/4, Error ellipse: s-maj=27.1km s-min=12.5km az=82.1

ISC 12 01:55:24.1, 6.1, 468N, 15582E, h13km, 38km, n20, r063/20, mb4.0/10, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SKR, PET, MAJO, etc.

ISCJB 12 04:34:56.7,0.5,3572N:2259E,h26km,Mb3.6
Error ellipse: s-maj=4.8km s-min=4.0km az=137.2
CSEM 12 03:34:56.0,1,3852N:2679E,h10km,MD3.1,Error
ellipse: s-maj=2.5km s-min=2.1km az=49.0
ISK 12 03:34:56.4,3853N:2680E,h6km,MD3.1
ATH 12 03:34:56.9,3844N:2651E,h30km,8km,MD3.1/3
NEIC 12 03:34:57.2,0.4,3852N:2678E,h24km,MD3.0(ISK),
MD3.1(ATH),After ISK.
ISC 12 03:34:57.2,0.4,3852N:2678E,h24km,MD3.0(n21,
+f103/32,Aegean Sea)

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like URLA, IZMIR, BALCOVA, etc.

HLW 12 03:40:50.5,3572N:2259E,h26km,Mb3.6
ISCJB 12 03:40:54.3,0.6,3526N:2284E,h75km,29km,mb3.4/7,
mb3.6/7,Error ellipse: s-maj=10.4km s-min=4.8km
az=108.2

ATH 12 03:40:55.0,3554N:2281E,h17km,2km,MD3.8/18,ML3.7
NEIC 12 03:40:55.0,3554N:2281E,h17km,ML3.7(ATH),After
ATH.

CSEM 12 03:40:57.4,0.2,3568N:2279E,h12km,ML3.7,Error
ellipse: s-maj=5.4km s-min=2.4km az=33.0
IDC 12 03:41:00.2,7,3545N:2284E,h75km,29km,mb3.4/7,
mb1.3/4.8,mb1mx3.3/21,mbtmp3.9/8,Error ellipse:
s-maj=10.14km s-min=2.1km az=129.0

ISC 12 03:40:56.4,0.6,3531N:2284E,h056km,h4km,8km,n65,
+f105/71,mb3.6/7,2C,Central Mediterranean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KYTH, KARN, KVD, etc.

IDC 12 04:06:43.8,3.6,3415N:15175E,h0km,mb3.8/2,mb1.4/1.2,
mb1mx3.6/14,mbtmp3.8/2,MS2.9/1,MS1.9/2,
ms1mx1.9/25,Error ellipse: s-maj=150.9km
s-min=46.3km az=116.0,New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CTA, WB2, WRA.

3.0nm,0.5s,baz=49,slow=9.5,SNR=88
ASAR Air Springs 26.52 219 P 04 12 23.4 +0.5
1.3nm,1.0s,baz=54,slow=8.2,SNR=5.3
TORO Torodi Ar. Bea 148.87 290 PKPbc PKPbc 04 26 33.8 +0.4
0.4nm,0.8s,baz=45,slow=11,SNR=3.6

IDC 12 04:12:28.9,1.4,2622S:11424W,h0km,mb3.8/5,
mb1.4/1.5,mb1mx3.9/15,mbtmp3.8/5,MS3.5/3,MS1.3/5/3,
ms1mx3.4/19,Error ellipse: s-maj=108.2km
s-min=30.7km az=79.0,Eastter Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like RPN, RKT, RKT, etc.

ISCJB 12 04:02:52.9,0.3,3475N:2002:2699E:003,h64km,6km,
mb3.7/9,Error ellipse: s-maj=4.7km s-min=3.9km
az=136.8

NEIC 12 04:02:52.0,3460N:2701E,h10km,ML3.1(ATH),After
ATH.

CSEM 12 04:02:52.0,0.1,3480N:2704E,h69km,ML3.1,Error
ellipse: s-maj=2.9km s-min=1.1km az=65.0

IDC 12 04:03:53.2,4.2,3503N:2681E,h35km,19km,mb3.6/9,
mb1.3/7/11,mb1mx3.6/20,mbtmp3.5/11,ML3.0/2,Error
ellipse: s-maj=27.2km s-min=14.6km az=173.0

ATH 12 04:02:54.7,3501N:2683E,h84km,4km
ISK 12 04:02:54.1,3506N:2707E,h5km,MD3.6
HLW 12 04:02:58.2,3447N:2719E,h25km,Mb3.7
ISC 12 04:02:54.3,0.3,3480N:2694E:003,h56km,6km,n62,
+f105/72,mb3.7/9,Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ZKR, KARP, KARP, etc.

ISCJB 12 04:23:46.0,4.5,6178N:05:1517W,0.1,h102km,5km,
mb3.6/8,Error ellipse: s-maj=8.4km s-min=7.1km
az=108.1
NEIC 12 04:23:48.8,6175N:15170W,h87km,MG3.4(AEIC),After
AEIC.

IDC 12 04:23:50.9,5.8,6204N:15158W,h115km,50km,mb3.4/8,
mb1.3/5/10,mb1mx3.4/23,mbtmp3.3/10,Error ellipse:
s-maj=4.1,1km s-min=1.7,7km az=41.0

ISC 12 04:23:47.4,0.5,6177N:05:1517W,0.1,h97km,6km,n34,
+f071/34,mb3.6/8,Outer Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like FIB, Fire Island, RC01, etc.

NEIC 12 04:39:56.5,4007S:17495E,h62km,ML3.7(WEL),After
WEL.

WEL 12 04:39:56.3,0.1,4007S:17495E,h64km,ML3.7(WEL),
IC-47,Error ellipse: s-maj=1.2km s-min=0.4km az=90.0,
Cook Strait

ISC 12 04:39:56.3,0.1,4007S:17495E,h64km,ML3.7(WEL),
IC-47,Error ellipse: s-maj=1.2km s-min=0.4km az=90.0,
Cook Strait

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

mb1mx4.0/13,mbtmp4.1/5,ML3.7/2,MS2.9/1,Ms1 2.9/1,ms1mx2.6/19,Error ellipse: s-maj=51.5km s-min=25.1km az=78.0

ISCJB 12 07:06:11.4u.2.1,394S:0.07:1355E:0.1,h120km,24km,mb4.6/6,Error ellipse: s-maj=19.5km s-min=10.3km az=24.3

ISC 12 07:06:09.8.3.3,38S:0.2:1355E:0.1,h77km,39km,n13,0r95/19,mb4.6/Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KAKA, PMG, WB2, WRA, FITZ, ASAR, GUN, SONM, PKI, DMN, GKN, MKAR.

KRSC 12 07:24:13.5.0.6,5555N:16601E,h41km,40km,ML3.6, Komandorsky Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KBTR, MKZ, SRKR, ZLN, KLY, KRSR, KMINR, KPT, TUMR, KOZ, SRDR, SPN, NLC, AVH, GNL, RUS, GRL.

IDC 12 07:25:02.4.1.9,3602N:14138E,h0km,mb4.0/6,mb1 4.0/10,mb1mx3.8/26,mbtmp4.0/10,ML3.9/4,MS3.1/1,Ms1 3.1/1,ms1mx1.8/30,Error ellipse: s-maj=52.3km s-min=17.0km az=60.0

ISCJB 12 07:25:06.5.0.8,3593N:0.05:4.191E:0.08,h35km,mb3.9/6,Error ellipse: s-maj=10.5km s-min=5.9km az=124.7

JMA 12 07:25:10.0.0.1,3589N:14080E,h39km,1km,M3.3 Broadband fault plane solution: P waves. NP1: 0.242,0.0000; 3.26,0.0000; 1.166,0.0000; NP2: 0.344,0.0000; 8.84,0.0000; 3.64,0.0000; Principal axes: T P1g45.0000; Az=229.0000; N P1g25.0000; Az=347.0000; P P1g34.0000; Az=96.0000

ISC 12 07:25:08.3.0.8,3591N:0.05:14112E:0.09,h35km,n18,0r83/23,mb3.9/6,1C-2D,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHOU, JYT, JHO, BS04, BS03, BS01, JAG, MJAR, MAT, JHJ, CBHJ, CBHJ, CBHJ, KSRM, ZAL, MKAR, PMG, WRA, ASAR.

MOS 12 07:33:37.5.1.4,5581N:11018E,h9km,mb4.3/1,Error ellipse: s-maj=27.4km s-min=18.8km az=63.0

BYKL 12 07:33:39.2.0.3,5572N:11025E,h5km,4km,2C-1D,Lake Baykal region

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

549nm,0.4s YOA Uoyan 0.93 63 ePg Pg 07 33 53.1 -3.9

YOA comp=Z,100nm,0.3s pmax 07 34 05.8

YLYR Ulyunghan 0.99 148 ePg Pg 07 33 57.0 -1.3

YLYR comp=Z,59nm,0.3s pmax 07 34 10.2

YLYR comp=N,480nm,0.2s smax 07 33 57.0 -1.3

YLYR Ulyunghan 0.99 148 fPg Pg 07 34 10.3 -0.9

YLYR comp=N,34nm,0.2s smax 07 34 10.3 -0.9

SVKR Severomuyusk 1.91 77 ePN Pn 07 34 10.1 -2.2

SVKR comp=Z,184nm,0.5s smax 07 34 12.0

SVKR Severomuyusk 1.91 77 ePg Pg 07 34 13.2 -2.5

SVKR comp=N,194nm,0.3s smax 07 34 39.7 -0.7

SVKR Suvo 2.07 184 ePN Pn 07 34 15.9 +1.3

SVKR comp=Z,40nm,0.4s smax 07 34 44.4

SVKR Suvo 2.07 184 ePN Pn 07 34 14.8 +0.2

SVKR comp=E,40nm,0.4s smax 07 34 16.1 -2.8

SVKR Suvo 2.07 184 ePN Pn 07 34 44.4 -1.4

SVKR comp=E,266nm,0.6s smax 07 34 14.8 +0.2

SVKR Suvo 2.07 184 ePN Pn 07 34 16.1 -2.8

SVKR comp=E,40nm,0.4s smax 07 34 44.4 -1.4

SVKR Suvo 2.07 184 ePN Pn 07 34 14.8 +0.2

SVKR comp=E,266nm,0.6s smax 07 34 16.1 -2.8

SVKR Suvo 2.07 184 ePN Pn 07 34 44.4 -1.4

SVKR comp=E,40nm,0.4s smax 07 34 14.8 +0.2

SVKR Suvo 2.07 184 ePN Pn 07 34 16.1 -2.8

SVKR comp=E,266nm,0.6s smax 07 34 44.4 -1.4

SVKR Suvo 2.07 184 ePN Pn 07 34 14.8 +0.2

SVKR comp=E,40nm,0.4s smax 07 34 16.1 -2.8

SVKR Suvo 2.07 184 ePN Pn 07 34 44.4 -1.4

SVKR comp=E,266nm,0.6s smax 07 34 14.8 +0.2

SVKR Suvo 2.07 184 ePN Pn 07 34 16.1 -2.8

SVKR comp=E,40nm,0.4s smax 07 34 44.4 -1.4

SVKR Suvo 2.07 184 ePN Pn 07 34 14.8 +0.2

SVKR comp=E,266nm,0.6s smax 07 34 16.1 -2.8

SVKR Suvo 2.07 184 ePN Pn 07 34 44.4 -1.4

SVKR comp=E,40nm,0.4s smax 07 34 14.8 +0.2

SVKR Suvo 2.07 184 ePN Pn 07 34 16.1 -2.8

SVKR comp=E,266nm,0.6s smax 07 34 44.4 -1.4

SVKR Suvo 2.07 184 ePN Pn 07 34 14.8 +0.2

SVKR comp=E,40nm,0.4s smax 07 34 16.1 -2.8

SVKR Suvo 2.07 184 ePN Pn 07 34 44.4 -1.4

SVKR comp=E,266nm,0.6s smax 07 34 14.8 +0.2

SVKR Suvo 2.07 184 ePN Pn 07 34 16.1 -2.8

SVKR comp=E,40nm,0.4s smax 07 34 44.4 -1.4

SVKR Suvo 2.07 184 ePN Pn 07 34 14.8 +0.2

SVKR comp=E,266nm,0.6s smax 07 34 16.1 -2.8

SVKR Suvo 2.07 184 ePN Pn 07 34 44.4 -1.4

SVKR comp=E,40nm,0.4s smax 07 34 14.8 +0.2

SVKR Suvo 2.07 184 ePN Pn 07 34 16.1 -2.8

SVKR comp=E,266nm,0.6s smax 07 34 44.4 -1.4

SVKR Suvo 2.07 184 ePN Pn 07 34 14.8 +0.2

SVKR comp=E,40nm,0.4s smax 07 34 16.1 -2.8

SVKR Suvo 2.07 184 ePN Pn 07 34 44.4 -1.4

SVKR comp=E,266nm,0.6s smax 07 34 14.8 +0.2

SVKR Suvo 2.07 184 ePN Pn 07 34 16.1 -2.8

SVKR comp=E,40nm,0.4s smax 07 34 44.4 -1.4

SVKR Suvo 2.07 184 ePN Pn 07 34 14.8 +0.2

SVKR comp=E,266nm,0.6s smax 07 34 16.1 -2.8

SVKR Suvo 2.07 184 ePN Pn 07 34 44.4 -1.4

SVKR comp=E,40nm,0.4s smax 07 34 14.8 +0.2

SVKR Suvo 2.07 184 ePN Pn 07 34 16.1 -2.8

SVKR comp=E,266nm,0.6s smax 07 34 44.4 -1.4

SVKR Suvo 2.07 184 ePN Pn 07 34 14.8 +0.2

Azores Islands Code Station Name Az Phase ID Time Res

PVIA Vitoria 0.23 101 eS Pg 07 41 33.1 -0.3

PVIA comp=Z,100nm,0.3s pmax 07 41 36.6 +0.1

SRBC Santa Branca 0.24 108 eP Pg 07 41 33.2 -0.5

SRBC comp=Z,59nm,0.3s pmax 07 41 37.3 +0.4

STGR Santa Cruz 0.26 96 eP Pg 07 41 33.7 -0.3

STGR comp=N,480nm,0.2s smax 07 41 37.5 0.0

STGR Santa Cruz 0.26 96 eP Pg 07 41 33.7 -0.3

STGR comp=Z,59nm,0.3s pmax 07 41 37.5 0.0

STGR Graciosa 0.29 106 eP Pg 07 41 33.7 -0.9

STGR comp=N,34nm,0.2s smax 07 41 37.7 -0.7

PQRA Graciosa 0.29 106 eP Pg 07 41 33.7 -0.9

PQRA comp=Z,184nm,0.5s smax 07 41 37.7 -0.7

PQRA Rosais 0.40 169 eP Pg 07 41 35.5 -1.1

PQRA PAMA Santo Amaro 0.45 164 eP Pg 07 41 42.8 -0.6

PQRA comp=N,194nm,0.3s smax 07 41 33.7 -0.9

PLUZ Luz 0.51 260 eP Pg 07 41 34.2 -4.5

PLUZ comp=Z,40nm,0.4s smax 07 41 38.4 -7.0

PLUZ Luz 0.51 260 eP Pg 07 41 34.2 -4.5

PMAN Manadas 0.51 158 eP Pg 07 41 37.0 -1.8

PMAN comp=Z,184nm,0.5s smax 07 41 43.9 -1.7

PMAN Manadas 0.51 158 eP Pg 07 41 37.0 -1.8

PMAN comp=Z,40nm,0.4s smax 07 41 43.9 -1.7

PCED Cedros 0.56 211 eP Pg 07 41 38.1 -1.6

PCED comp=E,266nm,0.6s smax 07 41 45.7 -1.3

PCED Cedros 0.56 211 eP Pg 07 41 38.1 -1.6

PCED comp=Z,40nm,0.4s smax 07 41 45.7 -1.3

PCED CALA Caldeira 0.60 209 eP Pg 07 41 39.0 -1.7

PCED comp=E,40nm,0.4s smax 07 41 46.8 -1.7

PCED CALA Caldeira 0.60 209 eP Pg 07 41 39.0 -1.7

PCED comp=E,266nm,0.6s smax 07 41 46.8 -1.7

PCED PICO Pico 0.61 187 eP Pg 07 41 39.0 -1.7

PCED comp=Z,184nm,0.5s smax 07 41 46.7 -2.1

PCED PICO Pico do Teixo 0.61 182 eP Pg 07 41 46.7 -2.1

PCED comp=N,194nm,0.3s smax 07 41 47.4 -1.7

HOR Horta 0.63 202 eP Pg 07 41 39.7 -1.5

HOR comp=Z,184nm,0.5s smax 07 41 47.8 -1.7

PTCA Ponta do Capel 0.64 215 eP Pg 07 41 39.7 -1.5

PTCA comp=Z,40nm,0.4s smax 07 41 47.8 -1.7

PTCA Ponta do Capel 0.64 215 eP Pg 07 41 39.7 -1.5

PTCA comp=Z,184nm,0.5s smax 07 41 47.8 -1.7

PCND Candalaria 0.65 189 eP Pg 07 41 39.6 -1.8

PCND comp=Z,40nm,0.4s smax 07 41 47.8 -2.2

PCND Candalaria 0.65 189 eP Pg 07 41 39.6 -1.8

PCND comp=Z,184nm,0.5s smax 07 41 47.8 -2.2

PBOI Pico dos Bois 0.67 183 eS Pg 07 41 48.5 -2.1

PBOI comp=Z,184nm,0.5s smax 07 41 48.2 -2.9

PBOI Pico dos Bois 0.67 183 eS Pg 07 41 48.5 -2.1

PBOI comp=Z,40nm,0.4s smax 07 41 49.0 -3.3

PBOI Piedade 0.72 162 eS Pg 07 41 49.0 -3.3

PBOI comp=E,266nm,0.6s smax 07 41 49.0 -3.3

PBOI Piedade 0.72 162 eS Pg 07 41 49.0 -3.3

PBOI comp=Z,40nm,0.4s smax 07 41 49.0 -3.3

PBOI Piedade 0.72 162 eS Pg 07 41 49.0 -3.3

PBOI comp=E,266nm,0.6s smax 07 41 49.0 -3.3

PBOI Piedade 0.72 162 eS Pg 07 41 49.0 -3.3

PBOI comp=Z,40nm,0.4s smax 07 41 49.0 -3.3

PBOI Piedade 0.72 162 eS Pg 07 41 49.0 -3.3

PBOI comp=E,266nm,0.6s smax 07 41 49.0 -3.3

PBOI Piedade 0.72 162 eS Pg 07 41 49.0 -3.3

PBOI comp=Z,40nm,0.4s smax 07 41 49.0 -3.3

PBOI Piedade 0.72 162 eS Pg 07 41 49.0 -3.3

ISCJB 12 08:06:51.0.0.5,4230N:0.02:4539E:0.02,h1km,5km, Error ellipse: s-maj=4.1km s-min=2.8km az=166.5

CSEM 12 08:06:51.1.0.3,4221N:4536E,h2km,mb4.1, Error ellipse: s-maj=5.9km s-min=3.2km az=14.0

TIF 12 08:06:51.0,4226N:4539E,h1km,2km MOS 12 08:06:53.0.2.1,4228N:4543E,h3km,mb4.1/1, Error ellipse: s-maj=13.2km s-min=9.2km az=129.9

ISC 12 08:06:51.7.0.4,4229N:0.02:4539E:0.02,h2km,6km,n24,0r19/44,1C-1D,Eastern Caucasus

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DUS, BTLR, MTA, SNJR, VLKR, LACR, GOR, XNZR, UNCR, KZR, ZEI, ARNR, KRNR, KMKR, ONI, DIGR, PRTR, GNI, DIGO, SHAR, SHAR, SHAR, SHAR, KIV, ARTV, ARTV.

IDC 12 08:15:29.6.6.7,3614N:7107E,h100km,58km,mb3.5/8,mb1 3.6/11,mb1mx3.4/24,mbtmp3.5/11, Error ellipse: s-maj=35.3km s-min=21.6km az=27.0

ISCJB 12 08:15:33.0.0.5,3639N:0.03:7117E:0.08,h145km,7km,mb3.5/7, Error ellipse: s-maj=10.9km s-min=5.0km az=0.5

NNC 12 08:15:39.7.2.1,3691N:7073E,h143km,31km,mb3.0,mpv3.7, Error ellipse: s-maj=26.6km s-min=18.8km az=48.0

ISC 12 08:15:34.1.0.5,3639N:0.03:7118E:0.09,h140km,7km,n35,0r190/45,mb3.5/7,4C-6D,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CEP, CHCP, THW, SHBD, DRP, THN, DLH, AML, UCH, KZA.

IDC 12 07:38:07.5.2.4,586S:13069E,h0km,mb3.7/1,mb1 3.7/3,mb1mx3.5/13,mbtmp3.5/3,ML3.5/2, Error ellipse: s-maj=143.4km s-min=31.0km az=71.0,Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA, ASAR, ASAR, MKAR.

CSEM 12 07:41:28.9.1.4,3911N:2834W,h8km,8km,ML2.4, Error ellipse: s-maj=5.9km s-min=3.7km az=155.0,After PDA

PDA 12 07:41:28.9.1.4,3911N:2834W,h8km,8km,MD3.0,ML2.4, Error ellipse: s-maj=5.9km s-min=3.7km az=155.0

SVSA 12 07:41:28.9.1.4,3911N:2834W,h8km,8km,MD3.0,ML2.4, Error ellipse: s-maj=5.9km s-min=3.7km az=155.0

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Rows include stations like Erkin-Say, Karatay Array, Karatay Array, etc.

IDC 12 08:34:32.2-1.970N-84.36W, h31km, mb4.1, mb4.1/4, mb1mx4/2.20, mbtm4/1.14, ML4.1/2, MS3.8/7, Ms1.3.8/7, ms1mx3.4/27, Error ellipse: s-maj=31.9km s-min=16.0km az=50.0

ISCJB 12 08:34:33.4-0.4, 965N-005:8441W, h48km, mb3, mb4.4/31, MS4.3/6, Error ellipse: s-maj=9.3km s-min=4.4km az=62.6

NEIC 12 08:34:33.4-0.5, 960N-84.48W, h43km, mb4.6/20, MD4.6(CASC), Error ellipse: s-maj=9.3km s-min=4.9km az=209.0

NEIC Felt at Atenas and San Jose. BUJ 12 08:34:33.3, 960N-84.50W, h43km, mb5.0, MS5.3, MSz4.9 CASC 12 08:34:33.2-1.2, 952N-84.49W, h26km, mb5, mb4.5, ML4.0, mb4.6(NEIC)

ISC 12 08:34:34.8-0.4, 971N-005:8438W, h413km, mb3, n136, a105/135, mb4.4/31, MS4.3/6, 30C-37D, Costa Rica

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Rows include stations like JCT Junction City, PLAL Pickwick Lake, TKL Tackaleechee C, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Rows include stations like INK Inuvik, ESDC Sonsea Array, ESLS Sonsea Array, etc.

GLI 12 08:53:11.4-0.1, 3085N-350.0E, h0km, 1km, ML2.8/5, ISCJB 12 08:53:12.3-0.0, 4.2084N-002:3502E-004, h8km, 4km, Error ellipse: s-maj=5.5km s-min=3.2km az=12.5

HLW 12 08:53:14.2, 3078N-348.2E, h3km, Mb3.0, ISC 12 08:53:12.5-0.3, 3085N-002:3502E-004, h0km, n27, a098/36, Dead Sea region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Rows include stations like MASH Mash'abbe Sade, ZFRI Zafri, RMNI Mount Ramon, etc.

ISCJB 12 09:37:33.4-0.6, 3827N-003:740E-01.1, h115km, 9km, mb3.9/5, Error ellipse: s-maj=15.2km s-min=5.0km az=158.2

IDC 12 09:37:33.4-5.5, 3834N-73.99E, h93km, mb3, mb3.7/5, mb1.9/8, mb1mx3.5/25, mbtm3.7/8, MS3.7/1, Ms1.3.7/1, ms1mx2.8/33, Error ellipse: s-maj=48.9km s-min=26.2km az=162.0

NMC 12 09:37:39.7-11.0, 3868N-73.98E, h28km, 365km, mb3.8, mpv3.3, Error ellipse: s-maj=280.9km s-min=27.6km az=174.0

ISC 12 09:37:34.7-0.6, 3828N-003:741E-01.1, h113km, 8km, n35, a124/45, mb3.9/5, 5C-1D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Rows include stations like AML Almayushu, KZA Kyzart, UCH Uchto, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KNZ, BKZ, MOVZ, etc.

ISCJB 12 12:17:11.9, 1.4, 3387N, 007.371E, 0.1, h31km, 11km, Error ellipse: s-maj=15.4km s-min=9.6km az=126.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like FKX, RCY, HWQ, etc.

KRSC 12 12:21:44.3, 2.7, 5286N, 16632E, h19km, 21km, ML3.8, South of Aleutian Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MKZ, KBTR, SPN, etc.

IDC 12 12:32:06.0, 1.2, 2191N, 14336E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.5/2.1, mbtmp3.5/4, Error ellipse: s-maj=54.6km s-min=24.1km az=96.0, Mariana Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SONM, WRA, ASAR, etc.

IDC 12 12:41:20.6, 4.7, 1434S, 17545W, h225km, 69km, mb3.6/3, mb1 3.9/4, mb1mx3.3/1.5, mbtmp3.6/4, Error ellipse: s-maj=229.2km s-min=20.6km az=155.0, Samoa Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AFI, WRA, ASAR, etc.

MAN 12 12:42:50.0, 1569N, 12173E, h9km, mb2.3, ML3.9, MS1.8, 1C-10, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BALP, PCPH, POLP, etc.

ISCJB 12 12:46:24.0, 1.5, 68N, 05:73.1W, 0.6, h166km, 42km, mb3.3/4, Error ellipse: s-maj=128.1km s-min=9.9km az=86.4

IDC 12 12:46:25.2, 1.2, 678N, 7296W, h167km, 16km, mb3.0/4, mb1 3.3/6, mb1mx3.2/1.9, mbtmp3.1/6, MS3.1/1, MS1 3.2/1, ms1mx2.6/8, Error ellipse: s-maj=39.2km s-min=14.2km az=129.0

NEIC 12 12:46:25.4, 0.8, 675N, 7299W, h170km, 12km, Error ellipse: s-maj=33.8km s-min=13.2km az=129.0

ISC 12 12:46:25.2, 1.5, 68N, 06:73.1W, 0.6, h161km, 45km, n9, 0677/10, mb3.3/4, Northern Colombia

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LPAZ, TXAR, ULM, etc.

NEIC 12 12:59:45.0, 3764S, 17650E, h214km, MG4.1(WEL), After WEL

WEL 12 12:59:45.0, 3.3, 3768S, 17653E, h213km, 2km, ML4.0/21, 3C, Error ellipse: s-maj=3.5km s-min=2.9km az=90.0, North Island

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

NEIC 12 13:26:22.9, 1789N, 6885W, h177km, MD3.8(RSPR), After RSPR

RSPR 12 13:26:22.9, 1789N, 6885W, h177km, 6km, MD3.8/4, MD3.8/4, 3C-2D, Mona Passage

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CRPR, LSP, AOPR, etc.

IDC 12 13:43:36.1, 2.2, 549S, 13063E, h0km, mb3.3/1, mb1 3.5/4, mb1mx3.4/1.4, mbtmp3.4/4, ML3.3/3, Error ellipse: s-maj=84.4km s-min=29.3km az=77.0, Banda Sea

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

ISCJB 12 13:48:49.0, 3.5, 5563N, 002:110.19E, 0.04, h10km, mb3.7/9, Error ellipse: s-maj=3.8km s-min=2.3km az=111.5

IDC 12 13:48:49.0, 1.0, 5581N, 11040E, h0km, mb3.7/7, mb1 3.9/9, mb1mx3.6/2.4, mbtmp3.7/9, ML3.6/2, Error ellipse: s-maj=28.8km s-min=21.4km az=64.0

MOS 12 13:48:49.1, 0.8, 5579N, 110.13E, h8km, mb4.6/6, Error ellipse: s-maj=10.1km s-min=6.6km az=64.9

NEIC 12 13:48:50.7, 0.7, 5580N, 11027E, h10km, mb3.9/3, Error ellipse: s-maj=11.4km s-min=10.3km az=89.0

BYKL 12 13:48:50.7, 0.2, 5572N, 110.18E, h4km, 3km, ISC 12 13:48:50.5, 0.3, 5567N, 002:11020E, 0.03, h10km, n72, 0:1936/124, mb3.7/9, 5C-1D, Lake Baykal region

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

NEIC 12 13:01:22.8, 1855N, 6830W, h168km, MD3.6(RSPR), After RSPR

RSPR 12 13:01:22.8, 1855N, 6830W, h168km, 3km, MD3.6/12, MD3.6/12, 12C, Mona Passage

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CAYA, CAYR, YANA, etc.

NEIC 12 13:26:22.9, 1789N, 6885W, h177km, MD3.8(RSPR), After RSPR

RSPR 12 13:26:22.9, 1789N, 6885W, h177km, 6km, MD3.8/4, MD3.8/4, 3C-2D, Mona Passage

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CRPR, LSP, AOPR, etc.

BUI 12 13:43:17.3, 3722N, 7455E, h11km, ML3.1, 2C-2D, Tajikistan-Xinjiang border region

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

IDC 12 13:43:36.1, 2.2, 549S, 13063E, h0km, mb3.3/1, mb1 3.5/4, mb1mx3.4/1.4, mbtmp3.4/4, ML3.3/3, Error ellipse: s-maj=84.4km s-min=29.3km az=77.0, Banda Sea

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

ISCJB 12 13:48:49.0, 3.5, 5563N, 002:110.19E, 0.04, h10km, mb3.7/9, Error ellipse: s-maj=3.8km s-min=2.3km az=111.5

IDC 12 13:48:49.0, 1.0, 5581N, 11040E, h0km, mb3.7/7, mb1 3.9/9, mb1mx3.6/2.4, mbtmp3.7/9, ML3.6/2, Error ellipse: s-maj=28.8km s-min=21.4km az=64.0

MOS 12 13:48:49.1, 0.8, 5579N, 110.13E, h8km, mb4.6/6, Error ellipse: s-maj=10.1km s-min=6.6km az=64.9

NEIC 12 13:48:50.7, 0.7, 5580N, 11027E, h10km, mb3.9/3, Error ellipse: s-maj=11.4km s-min=10.3km az=89.0

BYKL 12 13:48:50.7, 0.2, 5572N, 110.18E, h4km, 3km, ISC 12 13:48:50.5, 0.3, 5567N, 002:11020E, 0.03, h10km, n72, 0:1936/124, mb3.7/9, 5C-1D, Lake Baykal region

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

NEIC 12 13:01:22.8, 1855N, 6830W, h168km, MD3.6(RSPR), After RSPR

RSPR 12 13:01:22.8, 1855N, 6830W, h168km, 3km, MD3.6/12, MD3.6/12, 12C, Mona Passage

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

IDC 12 13:15:18.2, 1.7, 297N, 12342E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.5/1.8, mbtmp3.4/4, Error ellipse: s-maj=203.4km s-min=24.4km az=62.0, Celebes Sea

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

ellipse: s-maj=40.8km s-min=23.6km az=72.6
IDC 12 15:32:40.9,7.2, 4.693N, 155.04E, h38km, 63km, mb3.3/5,
mb1.3/6.6, mb1mx3.3/23, mbtmpp3.5/6, ML3.3/1, Error

ellipse: s-maj=36.5km s-min=28.9km az=135.0
ISC 12 15:32:41.2,2.4, 4.70N,01:1550E,03,h40km,21km,n11,
o=42/12,mb3.6/5,Kuril Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Severo-Kuril's, Asahikawa, Makanchi Array, etc.

SZGRF 12 15:47:38.0,3.15N,126.37E,h33km,mb5.6,Talud Islands, Indonesia

BUI 12 15:47:57.4,3.31N,125.38E,h213km,mb6.1,mb6.2
MOS 12 15:48:00.7,1.0,3.74N,124.83E,h204km,mb1.0/76,
MS5.4/15, Error ellipse: s-maj=10.6km s-min=5.9km

ISCJJB 12 15:48:01.8,0.1,3.70N,002:12484E,002,h213km,
mb6.0/189, Error ellipse: s-maj=3.3km s-min=2.4km

GCMT 12 15:48:03.3,0.1,3.83N,125.10E,h215km,MW6.3/107,
Moment Tensor Solution. s103,c262; s107,c413;
Duration: 3s5 Moment tensor: Scale 10^18Nm;

NEIC 12 15:48:03.3,0.1,3.73N,124.68E,mb6.0/112,ME6.1,
MW6.3 Error ellipse: s-maj=4.9km s-min=3.5km az=58.0,
Moment Tensor Solution. s34 Moment tensor: Scale 10^18Nm;

NEIC Felt [IV PIVS] at Davao and General Santos, Philippines. Felt [II] on Ternate, Indonesia

IDC 12 15:48:04.6,0.4,3.73N,124.89E,h298km,3km,mb5.6/34,
mb1.5/3/4,mb1mx3.5/33,mbtmpp5.6/34 Error ellipse:
s-maj=7.5km s-min=4.6km az=71.0

ISC 12 15:48:03.6,0.1,3.70N,002:12489E,002,h215km,
h215km,1.7km;p-P,N,1007,s135/769,mb6.0/187,
50C-105D,Celebes Sea

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Kidapawan, Davao City (W), Cotabato-PC H, etc.

Main table with columns: SGP, Mt. Cagua, Kuching, Pasauquin, Kailiang, etc. Includes station names, coordinates, and seismic data.

Main table with columns: PSI, Chichi jima, Nongpiab, Sheshan, etc. Includes station names, coordinates, and seismic data.

12d 15h

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like SOTA, MOTA, FSSB, SNTG, IBBN, etc.

2006 DEC

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like FRF, LMR, LMR, LMR, LMR, etc.

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Table with columns for call sign, name, frequency, mode, and other details. Includes stations like MNTX, SCHO, SCHO, SCHO, SCHO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Jenkinsville, Huatulco, Matias Romero, etc.

NEIC 12 15:53:28.3, 1606N.9653W, h55km, MD3.6(MEX), After MEX.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Huatulco, Vista Hermosa, Oaxaca, etc.

IDC 12 16:05:10.6:5.4, 3028S.17756W, h0km, mb3.6/2, mb1 3.9/2, mb1mp3.6/2, Error ellipse: s-maj=266.9km s-min=45.7km az=159.0, Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Alice Springs, Warramunga Arr, VNA3, etc.

NEIC 12 16:28:47.4, 3871N-2183E, h16km, ML3.3(ATH), After

ATH. CSEM 12 16:28:47.2 0.1, 3868N-2188E, h5km, ML3.3, Error ellipse: s-maj=2.1km s-min=1.6km az=62.0. ACHJ 12 16:28:47.4, 3871N-2184E, h16km, tkm, MD3.6/14, ML3.3

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Evrytania, Agios Georgios, RLS, etc.

Buji 12 16:41:43.6, 3026Sx17756W, h11km, mb5.8, mb5.1, Ms4.0, Ms2.0

IDC 12 16:41:44.0:0.5, 3022Sx17770W, h0km, mb4.7/11, mb1 4.9/13, mb1mx4.8/15, mbtmp4.7/13, ML3.6/2, MS4.3/3, Ms1 4.3/3, ms1mx3.6/26, Error ellipse: s-maj=20.2km s-min=18.4km az=139.0

NEIC 12 16:41:45.1:0.4, 3027Sx17763W, h10km, mb5.1/11, Error ellipse: s-maj=13.8km s-min=9.5km az=131.0

ISC/JB 12 16:41:48.3:2.5, 3055S:004x17798W:0.09, h33km, 17km, mb4.8/27, MS4.7/3, Error ellipse: s-maj=13.3km s-min=9.5km az=139.0

MOS 12 16:41:49.2:2.5, 3012Sx17786W, h33km, mb5.1/5, Error ellipse: s-maj=15.0km s-min=13.8km az=76.8

ISC 12 16:41:49.5:2.6, 3047S:004x17786W:0.09, h32km, 17km, n169.0, i2121/81, mb4.8/27, MS4.7/3, 4C-3D, Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Puz, Matawai, URZ, etc.

NEIC 12 16:28:47.4, 3871N-2183E, h16km, ML3.3(ATH), After

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Charters Tower, Charters Tower, Charters Tower, etc.

NEIC 12 16:28:47.4, 3871N-2183E, h16km, ML3.3(ATH), After

12d 20h

IDC 12 17:53:53.1.3.2.2204S.17055E, h0km, mb3.4/3, mb1 3.6/4, mb1mx3.5/13, mbtmp3.5/4, ML3.7/1, MS2.7/1, Ms1 2.7/1, ms1mx2.4/18, Error ellipse: s-maj=127.2km s-min=35.9km az=161.0

IDC 12 18:02:11.8.1.6.870S.12448E, h0km, mb4.1/1, mb1 4.3/4, mb1mx3.8/16, mbtmp4.1/4, ML4.1/3, Error ellipse: s-maj=107.2km s-min=25.8km az=65.0

IDC 12 18:07:29.3.1.5.796S.12891E, h0km, mb3.8/2, mb1 4.0/5, mb1mx3.7/15, mbtmp3.9/5, ML3.9/3, Error ellipse: s-maj=72.4km s-min=23.3km az=70.0, Banda Sea

IDC 12 18:21:09.0.0.9.469N.0.1.1551E.0.2, h10km, mb3.8/12, MS4.8/1, Error ellipse: s-maj=20.7km s-min=10.7km az=93.6

IDC 12 18:21:09.5.1.1.4681N.15516E, h0km, mb3.7/9, mb1 3.8/10, mb1mx3.7/25, mbtmp3.7/10, ML3.3/1, Error ellipse: s-maj=30.9km s-min=24.5km az=174.0

IDC 12 18:21:10.8.0.9.469N.0.1.1551E.0.2, h10km, m24, o078/24, mb3.8/12, MS4.8/1, East of Kuril Islands

2006 DEC

TXAR Lajitas Array 76.21 62 P 18 33 00.4 +1.1
TXAR comp=Z,1.0nm,0.7s
UPP 12 18:51:00.4, 6787N-2023E, h2km, ML3.5, Suspected Mining explosion.

CSEM 12 18:51:00.4, 6787N-2023E, h2km, ML3.5, Suspected Mining explosion. After UPP
HEL 12 18:51:01.7.0.1.6784N-2013E, h0km, ML1.9, ML3.5 (UPP), Explosion, Sweden

CSEM 12 18:51:05.0.1.3693N-479W, h20km, ML2.9/10, Error ellipse: s-maj=2.1km s-min=1.5km az=173.0
NEIC 12 18:51:05.8, 3692N-482W, h21km, MN2.6 (MDD), After MDD

SFS 12 18:51:05.0, 3691N-481W, h21km, ML2.6
INMG 18:51:06.0.1.1.6, 3694N-480W, h24km, 5km, ML2.4, Error ellipse: s-maj=2.2km s-min=2.2km az=149.0
MDD 12 18:51:06.0.0.2, 3691N-480W, h21km, 1km, mblg2.6/24, 6D, Error ellipse: s-maj=2.8km s-min=1.9km az=148.0

PRXIMO, Strait of Gibraltar
EMIJ Mijas 0.34 177 Op Pn 18 51 13.0 +0.5
EMIJ Mijas SNR=18 0.34 177 P P 18 51 13.0 -0.5

EMIJ Lija 0.49 270 P P 18 51 16.2 +0.3
EMIJ Lija SNR=18 0.49 270 P P 18 51 16.2 +0.3
EMIJ Reales 0.54 218 P P 18 51 17.3 0.0

EMIJ Sierra Loja 0.57 65 P P 18 51 25.1
EMIJ Jimena Fronton 0.71 230 P P 18 51 19.1 -0.5
EMIJ EJIF 18 51 29.5
ELUO 35m, 0.2s, SNR=7.9 0.78 33 P P 18 51 20.7 0.0

412

EHUE 1.3nm, 0.1s, SNR=7.9 Lg 18 52 06.5
EGRO El Granado 2.23 287 Pn Pn 18 51 39.0 -2.7
EGRO 0.8nm, 0.1s, SNR=16 Sn Sn 18 52 04.5 -4.1

EGRO 1.8nm, 0.1s, SNR=6.4 Lg 18 52 14.3
EGRO 7.5nm, 0.2s, SNR=5.0 Lg 18 52 14.3
EGRO El Granado 2.23 287 Pn Pn 18 51 39.0 -2.7

EGRO 0.8nm, 0.1s, SNR=16 Sn Sn 18 52 04.5 -4.1
EGRO 1.8nm, 0.1s, SNR=6.4 Lg 18 52 14.3
EGRO 7.5nm, 0.2s, SNR=5.0 Lg 18 52 14.3

EVIA Vianos 2.51 46 Pn Pn 18 51 43.7 -1.7
EVIA 0.4nm, 0.2s, SNR=7.9 Lg 18 52 23.7
EBAD Badajoz 2.55 317 Pn Pn 18 51 43.5 -2.5

EBAD 1.3nm, 0.1s, SNR=8.4 Sn Sn 18 51 43.5 -2.5
EBAD 3.3nm, 0.1s, SNR=8.4 Sn Sn 18 52 12.8 -3.5
EBAD 4.3nm, 0.1s, SNR=6.7 Lg 18 52 23.8

EBAD 25m, 0.2s, SNR=9.4 2.55 317 Pn Pn 18 51 43.5 -2.5
EBAD 1.3nm, 0.1s, SNR=8.4 Sn Sn 18 52 12.8 -3.5
EBAD 3.3nm, 0.1s, SNR=6.7 Lg 18 52 23.8

EBAD 25m, 0.2s, SNR=9.4 Lg 18 52 23.8
PBEJ Beja 2.69 295 eSg Sn 18 52 28.9 +1.9
PBEJ Beja 2.69 295 eSg Sn 18 52 34.1

ESDC Sonseca Array 2.84 13 Pn Pn 18 51 49.0 -1.0
ESDC 6.1nm, 0.2s, baz=194, slow=12, SNR=5.7 Pn 18 51 57.1 +7.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KNCDC, TKM2, UCH, KBK, AAK, CHMS, AML, USP, EKS2, KK31, MK31, KURK.

MOS 12 20:13:26.3±1.4, 5571N:110.14E, h9km, mb4.3/1, Error ellipse: s-maj=17.2km s-min=12.5km az=67.2

BYKL 12 20:13:26.7±0.2, 5570N:110.15E, h5km, mb3km, 5C, Lake

Main table for the left column, listing various stations and their coordinates, phases, and times. Includes stations like NIZ, KMO, YOA, SVKR, OGRR, MXMB, BOD, NLYR, TRG, HRMR, CRK.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CRS, TLY, TUP, ARS, KPC, MOY, ORL, KUR.

NEIC 12 20:21:20.7±0.6, 4650N:153.23E, h10km, mb4.3/8, Error ellipse: s-maj=15.0km s-min=9.9km az=146.0

BJL 12 20:21:20.0, 4644N:153.03E, h6km, mb4.6, mb4.2

ISCJB 12 20:21:23.1±1.3, 4648N:153.18E, h53km, 39km, mb3.6/15, mb1.3/8/17, mb1mx3.7/27, mbtmp3.6/17, ML3.1/2, MS3.2/1, Ms1.3/2/1, ms1mx2.8/43, Error ellipse: s-maj=17.3km s-min=8.6km az=103.8

MOS 12 20:21:23.5±1.3, 4649N:153.16E, h42km, mb4.3/16, Error ellipse: s-maj=11.7km s-min=9.6km az=64.9

ISC 12 20:21:25.7±1.2, 4652N:153.23E, h10km, mb4.3/8, Error ellipse: s-maj=15.0km s-min=9.9km az=146.0

Main table for the middle column, listing various stations and their coordinates, phases, and times. Includes stations like ARS, KPC, MOY, ORL, KUR, SKR, YUK, YSS, ASAJ, ERM, MJAR, MDJ, YAK, HIA, BILL, BJT, SONM, LZH, GAOTAI, INUK.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like INK, MKAR, MKAR, KURK, LSA, CHKZ, YKA, BVAR, BVAR, CHTO, CHTO, AAK, AAK, GUN, GUN, DKN, DKN, KOLN, JOF, FINES, FINES, PDAR, OBN, OBN, WRA, NB2, NOA, NOA, AKASG, AKASG, MORC, MORC, TXAR, TXAR, KHC, GERES, GERES, MMAIL.

MAN 12 20:28:12.2, 1060N:122.54E, h25km, mb4.6, ML5.4, MS1.9, 1D, Panay

CSEM 12 20:32:45.8±0.1, 3653N:3.16E, h5km, ML3.1/7, Error ellipse: s-maj=2.0km s-min=1.7km az=16.0

CRAAG 12 20:32:45.9, 3653N:3.02E, M3.6

MDD 12 20:32:47.6±0.5, 3650N:3.14E, h4km, 5km, mb4.2/6, Error ellipse: s-maj=5.5km s-min=4.5km az=85.0, PRXIMO

ISCJZ 12 20:32:47.2±0.5, 3672N:0.03E, h10km, ML3.1/0.04, h10km, Error ellipse: s-maj=4.6km s-min=4.1km az=138.1

NEIC 12 20:32:49.9, 3667N:3.02E, h0km, MN2.5(MDD), After MDD.

LDG 12 20:32:51.1±0.2, 3661N:3.10E, h10km, ML3.1/7, Error ellipse: s-maj=4.6km s-min=2.6km az=156.0

ISC 12 20:32:49.5±0.5, 3670N:0.03E, h10km, n70, r12/96, 1D, Northern Algeria

Main table for the right column, listing various stations and their coordinates, phases, and times. Includes stations like GUIM, RCP, KALP, LLL, CUYO, OTRP, OCLP, BUSP, ENPP, ABA, EMDH, ADJB, DJEBEL, EBNR, ECHF, EANR, ETRT, SET, OFRA, CHER, EIBI, EIBI, ETOS, ETOS, EBEN, EBEN, EMUR, EMUR.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ETOB Tobarra, EMOS Mosqueruela, ERTA Horta de San J, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WEL 12 21:01:26.6, MXZ Matakaoa Point, URX Urewera, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 12 21:19:40.2, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRSC 12 21:32:03.4, SPN Mys Shipunovs, NLC Nalytchevo, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KMNR Kopyto, KPT Zelaya, ZLN Krestovskiy, etc.

IDC 12 21:36:20.1s.1.4, 4073N, 14360E, h0km, mb3.9/4, mb1 3.8/6, mb1mx3.6/23, mbtmp3.8/6, ML2.9.2, MS2.8/1, Ms1 2.8/1, ms1mx2.2/33, Error ellipse: s-maj=99.4km s-min=31.1km az=107.0

ISC/JB 12 21:36:21.8s.0.8, 4066N, 14373E, h40km, mb3.8/4, Error ellipse: s-maj=9.1km s-min=3.8km az=55.2

NEIC 12 21:36:21.9, 4065N, 14368E, h40km, MG3.4(JMA), After JMA

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ERM Erimo, JEM Erhato, JEM Tanohito, etc.

RSPR 12 21:44:32.9, 1791N, 6893W, h127km, 5km, MD3.8/3, MD3.8/3, 3C, Mona Passage

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, LSP Las Mesas, etc.

NIED 12 21:44:00, 32.10N, 130.4E, h5km, Mw3.9 Best double couple: M-8.820000*1014 NP1.8s215.000000, s54.000000, lambda-126.000000, NP2.8s86.000000, s49.000000, lambda-51.000000

ISC/JB 12 21:44:40.0, 4.0, 32.13N, 100.33W, h1037E, 0.04, h21km, 4km, mb3.9/11, Error ellipse: s-maj=5.3km s-min=4.6km az=14.3

JMA 12 21:44:40.5, 32.14N, 130.38E, h7km, 1km, M3.8, JMA Feit III J1

IDC 12 21:44:42.1s.3, 32.18N, 130.39E, h18km, 23km, mb3.7/10, mb1 3.8/13, mb1mx3.7/26, mbtmp3.7/13, ML3.2/3, MS3.1/2, Ms1 3.1/2, ms1mx2.6/31, Error ellipse: s-maj=18.9km s-min=11.6km az=109.0

NEIC 12 21:44:44.6s.1.1, 32.22N, 130.38E, h38km, 12km, mb4.2/1, Error ellipse: s-maj=16.8km s-min=10.2km az=106.0

ISC 12 21:44:50.0, 4.0, 32.13N, 100.33W, h1037E, 0.03, h10km, 3km, n11, s08939, mb3.8/11, 4C-5D, Kyushu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JZO Kuchiki, JZO Hondo, JHD Izumi, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JNU Kunigami, KSRK Korea Array, KSRK Korea Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AKASG Malin Array, YKA Yellowknife Arr, YKA Yellowknife Arr, etc.

IDC 12 22:05:05.1s.24.0, 2526N, 12603E, h0km, mb3.7/3, mb1 3.9/4, mb1tmx3.5/21, mbtmp3.8/4, ML3.5/1, Error ellipse: s-maj=426.6km s-min=13.3km az=152.0

JMA 12 22:05:11.1s.0.2, 26.61N, 159.32E, h0km, M3.2, ISC/JB 12 22:05:12.4, 1.0, 26.61N, 159.32E, h0km, mb3.5/3, Error ellipse: s-maj=19.2km s-min=6.5km az=29.8

ISC 12 22:05:13.3, 1.6, 26.51N, 159.02E, h0km, h2km, n10, s088/14, mb3.5/3, Northeast of Taiwan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JKE Kume jima 2, JKE Kume jima 2, JAGN Aguni-jima, etc.

NEIC 12 22:06:30.0, 1.2, 624S, 151.14E, h10km, km, mb3.7/1, Error ellipse: s-maj=38.0km s-min=3.3km az=114.0

ISC/JB 12 22:06:39.8, 4.9, 63S, 02.1510E, 0.3, h42km, 37km, mb3.5/4, Error ellipse: s-maj=48.7km s-min=27.9km az=42.3

IDC 12 22:06:41.7, 7.8, 62S, 150.94E, h43km, 65km, mb3.3/3, mb1 3.8/4, mb1mx3.4/15, mbtmp3.4/4, ML2.1/1, Error ellipse: s-maj=104.2km s-min=5.7km az=132.0

ISC 12 22:06:40.7, 4.8, 63S, 02.1510E, 0.3, h38km, 37km, n11, s064/11, mb3.5/4, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, PMG Port Moresby, PMG Warramunga Arr, etc.

NEIC 12 22:06:52.3, 0.7, 4738N, 153.58E, h10km, mb4.1/8, Error ellipse: s-maj=19.5km s-min=10.6km az=139.0

ISC/JB 12 22:06:55.8, 1.1, 4729N, 153.42E, h100km, 9km, mb4.0/18, Error ellipse: s-maj=20.6km s-min=6.0km az=86.4

MOS 12 22:06:56.2, 1.4, 4731N, 153.56E, h59km, mb4.4/11, Error ellipse: s-maj=14.2km s-min=8.6km az=69.5

IDC 12 22:07:02.2, 3.8, 4731N, 153.42E, h100km, 36km, mb3.6/12, mb1 3.7/14, mb1mx3.6/26, mbtmp3.6/14, Error ellipse: s-maj=26.0km s-min=19.1km az=152.0

ISC 12 22:06:57.6, 1.0, 4728N, 153.7E, 0.1, h56km, 8km, n58, s1937/60, mb4.0/18, Kuril Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SKR Severo-Kuril'sk, SKR Severo-Kuril'sk, SKR Kuril'sk, etc.

ISC 12 22:07:02.2, 3.8, 4731N, 153.42E, h100km, 36km, mb3.6/12, mb1 3.7/14, mb1mx3.6/26, mbtmp3.6/14, Error ellipse: s-maj=26.0km s-min=19.1km az=152.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KUR Kuril'sk, KUR Kuril'sk, KUR Kuril'sk, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MAJO Matushiro, MAJO Matushiro, MAJO Matushiro, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like YKA, CHKZ, LSA, BVAR, BRVK, GUN, KKN, DMN, KOLN, etc.

ISCJB 12 22:08:23.0.0.4, 4461N:1206E, h171km, 6km, Error ellipse: s-maj=5.1km s-min=3.2km az=171.5

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like FIU, SFI, RSM, VMG, etc.

ISC 12 22:08:24.0.0.4, 4458N:1264E, h13km, 3km, Md2.0/3, Error ellipse: s-maj=5.1km s-min=4.7km az=142.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like KUR, SKR, YUK, etc.

JMA 12 22:21:40.8.0.2, 2662N:12596E, h7km, 3km, M3.1, Error ellipse: s-maj=16.3km s-min=9.3km az=45.9

ISC 12 22:21:44.2.1.4, 2644N:12605E, h24km, 11km, n21, c=0.77/24, mb3.8/9, Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like JKE, JAGN, NAH1, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like JOW, KSRS, SONM, GUN, etc.

IDC 12 22:22:30.2.1.1, 2652N:12598E, h06km, mb3.7/5, mb1 3.8/6, mb1mx3.6/22, mbtmp3.7/6, ML3.1/1, Error ellipse: s-maj=38.5km s-min=21.3km az=56.0, Northeast of Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like JOW, SONM, MKAR, ZAL, WRA, ASAR, STKA, YKA, etc.

NIED 12 22:32:00.0, 4630N:15330E, h5km, Mw4.9, Best double couple: M=2.88000e+016 NP1=2.30000e+016

SZGRF 12 22:32:05.8, 4540N:15398E, h33km, mb5.0, MS4.8, East of Kuril Islands, Russia

SKHL 12 22:32:07.8.3.1, 4614N:15328E, h41km, 11km, mb5.9/4, mbh5.7/2, MS4.9/4, msh5.7/2

ISCJB 12 22:32:08.0.0.2, 4616N:15303E, h40km, mb4.9/16, MS4.6/38, Error ellipse: s-maj=5.4km s-min=2.4km az=125.5

NEIC 12 22:32:08.5.0.7, 4624N:15300E, h23km, 5km, mb5.0/56, MS4.9/16, Error ellipse: s-maj=5.6km s-min=4.0km az=161.0

GCMT 12 22:32:08.5.0.4, 4625N:15320E, h15km, 1km, MW5.0/64, Moment Tensor Solution: c2, c3, s64, c105, Duration: 0. Moment tensor: Scale 10^16Nm; M=2.87e+22

MOS 12 22:32:09.1.1.1, 4632N:15300E, h38km, mb5.1/46, MS4.7/16, Error ellipse: s-maj=7.3km s-min=4.7km az=103.4

IDC 12 22:32:10.4.0.4, 4625N:15296E, h40km, 3km, mb4.2/20, mb1 4.4/20, mb1mx4.4/23, mbtmp4.2/20, MS4.4/16, Ms1 4.4/16, ms1mx4.2/35, Error ellipse: s-maj=13.0km s-min=10.8km az=127.0

ISC 12 22:32:10.8.0.2, 4621N:15299E, h003, h42km, h42km, 1.6km, n380, c115/393, mb4.9/16, MS4.6/38, 26C-23D, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like KUR, SKR, YUK, etc.

JMA 12 22:21:40.8.0.2, 2662N:12596E, h7km, 3km, M3.1, Error ellipse: s-maj=16.3km s-min=9.3km az=45.9

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like JKE, JAGN, NAH1, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like JRA, Rausu, Nakash, etc.

ISC 12 22:22:30.2.1.1, 2652N:12598E, h06km, mb3.7/5, mb1 3.8/6, mb1mx3.6/22, mbtmp3.7/6, ML3.1/1, Error ellipse: s-maj=38.5km s-min=21.3km az=56.0, Northeast of Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like ASAJ, ASAH, etc.

NIED 12 22:32:00.0, 4630N:15330E, h5km, Mw4.9, Best double couple: M=2.88000e+016 NP1=2.30000e+016

SZGRF 12 22:32:05.8, 4540N:15398E, h33km, mb5.0, MS4.8, East of Kuril Islands, Russia

SKHL 12 22:32:07.8.3.1, 4614N:15328E, h41km, 11km, mb5.9/4, mbh5.7/2, MS4.9/4, msh5.7/2

ISCJB 12 22:32:08.0.0.2, 4616N:15303E, h40km, mb4.9/16, MS4.6/38, Error ellipse: s-maj=5.4km s-min=2.4km az=125.5

NEIC 12 22:32:08.5.0.7, 4624N:15300E, h23km, 5km, mb5.0/56, MS4.9/16, Error ellipse: s-maj=5.6km s-min=4.0km az=161.0

GCMT 12 22:32:08.5.0.4, 4625N:15320E, h15km, 1km, MW5.0/64, Moment Tensor Solution: c2, c3, s64, c105, Duration: 0. Moment tensor: Scale 10^16Nm; M=2.87e+22

MOS 12 22:32:09.1.1.1, 4632N:15300E, h38km, mb5.1/46, MS4.7/16, Error ellipse: s-maj=7.3km s-min=4.7km az=103.4

IDC 12 22:32:10.4.0.4, 4625N:15296E, h40km, 3km, mb4.2/20, mb1 4.4/20, mb1mx4.4/23, mbtmp4.2/20, MS4.4/16, Ms1 4.4/16, ms1mx4.2/35, Error ellipse: s-maj=13.0km s-min=10.8km az=127.0

ISC 12 22:32:10.8.0.2, 4621N:15299E, h003, h42km, h42km, 1.6km, n380, c115/393, mb4.9/16, MS4.6/38, 26C-23D, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like JEM, ERM, JNB, etc.

JMA 12 22:21:40.8.0.2, 2662N:12596E, h7km, 3km, M3.1, Error ellipse: s-maj=16.3km s-min=9.3km az=45.9

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like JKE, JAGN, NAH1, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like North Lily Min, Daniels Canyon, Obninsk, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Kecoovo, Berggiesshubel, Panksa Ves, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like WATA Walderalm, WATA Black Forest, BFO Black Forest, etc.

12d 23h

Table of astronomical observations for 12d 23h, listing station names, coordinates, and observation details.

2006 DEC

Table of astronomical observations for 2006 DEC, listing station names, coordinates, and observation details.

418

Table of astronomical observations for 418, listing station names, coordinates, and observation details.

MOS 13 00:08:54.0, 1.5, 2661N, 126.26E, h33km, mb4.7/15, MS4.8/6, Error ellipse: s-maj=16.4km s-min=8.2km az=122.4

BUI 13 00:08:54.9, 2652N, 126.19E, h49km, mb4.7, mb4.3, ML4.8, MS5.2, Msz5.0

ISCJB 13 00:08:55.4, 0.5, 2652N, 126.17E, 0.05, h48km, 6km, mb4.6/31, MS4.9/9, Error ellipse: s-maj=7.7km s-min=6.8km az=38.0

NEIC 13 00:08:57.5, 0.7, 2658N, 126.19E, h50km, 7km, mb4.4/9, Error ellipse: s-maj=7.2km s-min=5.4km az=57.0

IDC 13 00:08:57.7, 3.0, 2658N, 126.19E, h48km, 33km, mb3.9/10, mb1.4, 0.1/1, mb1mx3.8/2.1, mbtmp3.9/11, ML3.4/1, MS4.4/2, Ms1.4/4.2, ms1mx2.9/1.6, Error ellipse: s-maj=34.7km s-min=12.6km az=65.0

ISC 13 00:08:56.7, 0.5, 2654N, 126.12E, 0.04, h42km, 7km, n81, c1512/80, mb4.6/31, MS4.9/9, 3C-1D, Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like Kumejima, Aguni-jima, Naha, etc.

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

NIED 13 00:09:00, 2650N, 125.90E, h5km, Mw4.9 Best double couple: M0.2, 95000, 1016 NPI1.3, 34,000, 853, 00000, lambda=127, 00000. NP2.2, 265, 00000, delta, 00000, lambda=51, 00000.

JMA 13 00:09:15.2, 0.2, 2655N, 125.93E, h6km, 2km, M5.2 JMA Feat 1/1

IDC 13 00:09:15.6, 0.6, 2653N, 126.12E, h0km, mb4.4/15, mb1.4, 5/17, mb1mx4.4/2.7, mbtmp4.4/17, ML3.9/2, MS4.8/7, Ms1.4/9.7, ms1mx4.0/1.6, Error ellipse: s-maj=19.2km s-min=12.6km az=67.0

ISCJB 13 00:09:15.1, 1.0, 2652N, 125.95E, 0.02, h1km, 6km, mb4.8/28, MS4.9/7, Error ellipse: s-maj=4.5km s-min=3.2km az=118.7

BUI 13 00:09:20.0, 2658N, 125.94E, h18km, mb5.0, mb4.5, ML4.9, Ms5.1, Msz4.9

NEIC 13 00:09:21.3, 0.3, 2655N, 126.07E, h35km, mb5.1/16, h44.9(NIED), Error ellipse: s-maj=8.5km s-min=6.7km az=03.0

ISC 13 00:09:16.5, 0.9, 2649N, 126.00E, 0.03, h0km, 6km, n104, c1518/104, mb4.8/28, MS4.9/7, 1D, Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Kumejima, Aguni-jima, Naha, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Nakatsue, Incheon, WHN, etc.

Table with columns: PPT, Station Name, Time, Res, etc. Includes stations like Papeete, Moose Ponds, Redw, etc.

WEL 13 00:15:20.4-0.3, 3812S-17629E, h145km, 2km, ML3.6/17, 1C-1D, Error ellipse: s-maj=2.8km s-min=2.6km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like URZ, MWZ, BKZ, etc.

JMA 13 00:21:27.7-0.4, 2661N-12596E, h2km, M3.0, ISCJB 13 00:21:29.8-0.9, 2661N-12607E, h2km, mb3.6/3, Error ellipse: s-maj=18.8km s-min=5.9km az=44.9

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

WEL 13 00:24:22.0-0.6, 3669S-17719E, h33km, ML3.6/3, Error ellipse: s-maj=5.4km s-min=3.5km az=0.0, Off east coast of North Island

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

IDC 13 00:24:05.7-2.5, 3629N-17224E, h0km, mb3.6/4, mb1 3/8, mb1mx3.5/24, mbtmp3.7/8, ML3.7/4, Error ellipse: s-maj=54.1km s-min=26.9km az=139.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like AML, UCH, KZA, etc.

Table with columns: BVAR, BRVK, CHKZ, AKTK, AKTO, ZAL, KIV, AKASG, JOF, FINES, PSZ, TORD, YKA, etc.

IDC 13 00:37:08.2-2.5, 4632N-15297E, h0km, mb3.8/12, mb1 4/0/12, mb1mx3.8/23, mbtmp3.8/12, Error ellipse: s-maj=74.0km s-min=20.1km az=3.0

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

CHKZ Chkalovo 50.53 310 eP P 00 46 07.8 -0.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like BVAR, BRVK, YKA, JOF, etc.

CSEM 13 00:40:35.6, 6786N-2016E, h14km, ML3.0, Mining explosion. After UPP

HEL 13 00:40:35.9-0.1, 6784N-2019E, h0km, ML1.4, ML3.0(UPP), Explosion, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like KUA, NIKU, LANU, etc.

Table with columns: LPAZ, NNA, NNA, SIV, OTAV, TXAR, TORD, YKA, etc.

IDC 13 01:42:41.8-1.9, 5124N-9088E, h0km, mb1 3/1/3, mb1mx3.0/25, mbtmp3.0/5, ML2.8/3, Error ellipse: s-maj=24.2km s-min=16.7km az=59.0, Southwestern Siberia

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

NIED 13 01:57:00.4, 4630N-15330E, h11km, Mw5.0, Best double couple: M3.18000x1016 NP1=0.420000, 889.000000, lambda=142.000000

IDC 13 01:57:41.0-0.5, 4614N-15307E, h0km, mb4.7/25, Mb1 4.8/26, mb1mx4.8/28, mbtmp4.6/26, ML3.8/1, MS4.4/17, Ms1 4.4/17, ms1mx4.1/37, Error ellipse: s-maj=14.6km s-min=12.9km az=133.0

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

ISZGRF 13 01:57:49.0, 4644N-15321E, h33km, mb5.2, Kuril Islands, Russia

ISZGRF 13 01:57:43.6-1.0, 4619N-15293E, h12km, g6km, h13km, mb1.6km, pP, n695, o095/709, mb5.1/169, MS4.5/37, 129C-108D, Kuril Islands

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like NEM2, JRA, JNK, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CN2, CLNS, KRSR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like HHC, HHG, HHC, etc.

Table with columns: ZAL, Zalesovo, 42.89 306, P, P, 02 05 39.9 -2.0, comp=Z,4.3nm,0.8s,mb4,2,baz=74,slow=8.4,SNR=24, LR, 02 07 32.2 -0.4, ZAL, comp=Z,3.4nm,0.8s,baz=34,slow=4.6,SNR=6.5, LR, 02 25 41.1, ZAL, comp=Z,2.1um,18.0s,MS5.1,baz=39,slow=39, Zalesovo, 42.89 306, P, P, 02 05 39.9 -2.0, 02 07 32.2, ZAL, comp=Z,4.0nm,0.8s, pmax, pmax, ZAL, comp=Z,2.1um,18.0s, Novosibirsk, 43.47 308, i P, P, 02 05 43.7 -2.8, 02 07 29.3, NVS, comp=E,20nm,1.6s, pmax, pmax, NVS, comp=Z,22nm,1.6s,mb4.6, pmax, pmax, QIZ, QIZ, QIZ, Qiongzhong, 44.56 247, P P, 02 05 59.4 +4.1, 02 12 32.2 +1.6, WMO, Urumqi, 45.06 292, P P, 02 05 59.6 +0.3, WMO, WMO, WMO, WMO, WMO, WMO, comp=Z,1.7nm,1.0s,mb4.8, LR, LR, WMO, comp=N,510nm,20.0s,MS4.6, LR, LR, WMO, comp=E,490nm,22.0s,MS4.6, LR, LR, WMO, comp=Z,557nm,16.0s, Kunming, 45.06 260, P P, 02 06 00.3 +1.0, 02 08 05.9 +1.3, KMI, KMI, KMI, KMI, KMI, KMI, KMI, comp=Z,31nm,1.1s,mb5.0, AMB, AMB, KMI, comp=Z,213nm,6.5s, LR, LR, KMI, comp=N,380nm,12.5s,MS4.7, LR, LR, KMI, comp=E,397nm,12.5s,MS4.7, LR, LR, MKAR, Makanchi Array, 47.13 298, P P, 02 06 14.9 -0.7, 02 07 46.8 -0.4, MKAR, Makanchi Array, 47.13 298, P P, 02 06 14.9 -0.7, 02 07 46.8, MKAR, comp=Z,19nm,0.8s, pmax, pmax, KURK, Kurchatov, 47.61 304, P P, 02 06 18.2 -1.1, 02 06 18.1 -1.2, KURK, Kurchatov, 47.61 304, P P, 02 06 17.6 -1.7, 02 06 17.6 -1.8, KURK, Kurchatov, 47.61 304, i P P, 02 06 17.6 -1.7, 02 06 17.6 -1.8, KURK, Kurchatov, 47.61 304, e P P, 02 06 17.6 -1.7, 02 06 17.6 -1.8, KURK, Kurchatov, 47.61 304, e P P, 02 06 17.6 -1.7, 02 06 17.6 -1.8, LSA, Lhasa, 50.23 274, P P, 02 06 40.2 +0.8, 02 07 59.3, LSA, Lhasa, 50.23 274, P P, 02 06 40.2 +0.8, 02 07 59.3, LSA, Lhasa, 50.23 274, e P P, 02 06 40.2 +0.8, 02 07 59.3, LSA, Lhasa, 50.23 274, e P P, 02 06 40.2 +0.8, 02 07 59.3, ALE, Alert, 50.31 6, P P, 02 07 59.3 +0.9, 02 06 38.0 -2.0, CHKZ, Chkalovo, 50.73 310, P P, 02 06 41.1 -2.1, 02 06 41.2 -2.0, CHKZ, Chkalovo, 50.73 310, e P P, 02 06 41.2 -2.0, 02 06 41.2 -2.0, BVAR, Borovoye Array, 51.16 310, i P P, 02 08 03.3 +3.1, 02 30 27.3, BRVK, Borovoye, 51.20 310, P P, 02 06 45.3 -1.4, 02 06 45.8 -0.9, BRVK, Borovoye, 51.20 310, P P, 02 06 45.8 -0.9, 02 06 45.4 -1.3, BRVK, Borovoye, 51.20 310, P P, 02 06 45.8 -0.9, 02 06 45.4 -1.3, BRVK, Borovoye, 51.20 310, e P P, 02 06 45.3 -1.4, 02 08 01.4 -0.6, YKW3, Yellowknife Ar, 51.39 36, e P P, 02 06 47.3 -0.9, 02 06 47.6 -0.6, RES, Resolute Bay, 51.39 18, e P P, 02 06 47.3 -0.9, 02 06 47.6 -0.6, RES, Yellowknife Ar, 51.42 36, P P, 02 07 00.1, 02 06 47.5 -0.9, YKA, Yellowknife Ar, 51.42 36, P P, 02 06 47.5 -0.9, 02 06 47.5 -0.9, YKA, Yellowknife Ar, 51.42 36, P P, 02 06 47.5 -0.9, 02 06 47.5 -0.9, YKA, Yellowknife Ar, 51.42 36, P P, 02 06 47.5 -0.9, 02 06 47.5 -0.9, CHTO, Chiang Mai, 51.91 257, e P P, 02 06 53.2 +1.1, 02 07 05.7, CHTO, Chiang Mai, 51.91 257, e P P, 02 06 53.2 +1.1, 02 07 05.7, FRU, Bishkek, 53.83 297, e P P, 02 07 06.0 -0.2, 02 07 06.0 -0.2, FRU, comp=N,1um,16.0s, MLR, MLR, AAK, Ala-Archa, 54.02 297, P P, 02 07 07.2 -0.4, 02 07 07.1 -0.5, AAK, Ala-Archa, 54.02 297, i P P, 02 07 07.1 -0.5, 02 07 07.1 -0.5, AAK, Ala-Archa, 54.02 297, e P P, 02 07 06.9 -0.7, 02 08 15.0 +2.4, AAK, Jiri, 54.91 275, e P P, 02 07 15.9 +1.8, 02 07 15.9 +1.8, GUN, Gumba, 54.97 275, e P P, 02 07 15.9 +1.4, 02 07 15.9 +1.4, A07A, Ashnola River, 55.34 53, i P P, 02 07 16.9 -0.3, 02 07 15.0 -2.4, ARU, Arti, 55.37 318, i P P, 02 07 15.0 -2.4, 02 09 18.4, ARU, Arti, 55.37 318, i P P, 02 07 15.0 -2.4, 02 09 18.4, ARU, Arti, 55.37 318, i P P, 02 07 15.0 -2.4, 02 10 33.2, ARU, Arti, 55.37 318, i P P, 02 07 15.0 -2.4, 02 15 01.4 -0.2, ARU, comp=Z,27nm,1.2s,mb5.2, MLR, MLR, ARU, comp=N,400nm,18.0s,MS4.8, MLR, MLR, ARU, comp=E,600nm,18.0s,MS4.8, MLR, MLR, ARU, comp=Z,700nm,18.0s,MS4.8, MLR, MLR, ARU, Arti, 55.37 318, e P, 02 07 15.0 -2.4, 02 07 19.5 +1.4, KKN, Kakani, 55.46 276, e P P, 02 07 19.5 +1.4, 02 07 19.8 +1.4, PKI, Pulchoki, 55.51 275, e P P, 02 07 19.8 +1.4, 02 07 21.5 +1.7, DKN, Daman, 55.70 276, e P P, 02 07 21.5 +1.7, 02 07 21.5 +1.2, GMM, Gorkha, 55.77 276, e P P, 02 07 21.5 +1.2, 02 07 20.3 -0.3, B07A, Winthrop, 55.81 53, i P P, 02 07 20.3 -0.3, 02 07 21.5 -0.5, A08A, Turner Farm, O, 56.01 53, i P P, 02 07 21.5 -0.5, 02 07 23.2 +0.5, D06A, Cle Elum, 56.09 55, i P P, 02 07 23.2 +0.5, 02 07 23.2 +0.5

Table with columns: C07A, Waterville, 56.27 54, i P P, 02 07 22.2 -1.6, 02 07 23.8 -0.3, B08A, Colville Reser, 56.30 53, i P P, 02 07 23.8 -0.3, 02 07 24.5 -0.1, A09A, Danville, 56.38 52, i P P, 02 07 24.5 -0.1, 02 07 24.9 -0.4, F05A, White Salmon, 56.47 57, i P P, 02 07 24.9 -0.4, 02 07 25.6 -0.5, D07A, Quincy, 56.59 55, i P P, 02 07 25.6 -0.5, 02 07 25.9 -0.5, J02A, Umpqua, 56.62 60, i P P, 02 07 25.9 -0.5, 02 07 27.8 +1.3, K0LN, Koldanda, 56.63 277, e P P, 02 07 27.8 +1.3, 02 07 39.7 +9.2, HOOD, Mount Hood Mea, 56.67 57, e P P, 02 07 39.7 +9.2, H04A, Detroit Lake, 56.71 58, i P P, 02 07 27.0 -0.1, 02 07 26.7 -0.7, EDM, Edmonton, 56.76 46, e P P, 02 07 26.7 -0.7, 02 07 38.5, EDM, Edmonton, 56.76 46, e P P, 02 07 28.0 -0.4, 02 07 28.2 -0.3, G05A, Wamic, 56.91 57, e P P, 02 07 28.2 -0.3, 02 07 28.2 -0.3, B09A, Rice, 56.92 53, i P P, 02 07 28.2 -0.3, 02 07 28.7 -0.5, E07A, Sunnyside, 57.01 55, i P P, 02 07 28.7 -0.5, 02 07 29.4 -0.3, I04A, Crescent Farm, 57.08 59, i P P, 02 07 29.4 -0.3, 02 07 29.5 -0.7, M01C, Trescott City, 57.15 62, i P P, 02 07 29.5 -0.7, 02 07 30.5 0.0, C09A, Chrisman Ranch, 57.20 53, i P P, 02 07 30.5 0.0, 02 07 30.1 -0.8, D08A, Wollman Farm, 57.26 54, i P P, 02 07 30.1 -0.8, 02 07 28.7 -2.5, HAWA, Hanford, 57.29 55, e P P, 02 07 28.7 -2.5, H05A, Madras, 57.30 58, i P P, 02 07 31.4 +0.2, 02 07 33.1 +1.8, G06A, Carlson Farm, 57.31 57, i P P, 02 07 33.1 +1.8, 02 07 31.9 +0.4, F07A, Phinny Hill Vi, 57.35 56, i P P, 02 07 31.9 +0.4, 02 07 33.7 +0.5, B0K, Bokaro, 57.58 272, e P P, 02 07 33.7 +0.5, 02 07 37.4, A11A, Hall Mountain, 57.60 51, i P P, 02 07 34.0 +0.7, 02 07 33.3 0.0, D09A, Jones Farm, Ri, 57.60 54, i P P, 02 07 33.3 0.0, 02 07 34.2 0.0, C10A, Spilker Farm, 57.73 53, i P P, 02 07 34.2 0.0, 02 07 34.7 +0.2, H06A, Lindquist Farm, 57.77 57, i P P, 02 07 34.7 +0.2, 02 07 32.7 -2.2, APA, Apatity, 57.82 337f, i P P, 02 07 32.7 -2.2, 02 07 47.4, KEV, Kevo, 57.85 341, e P P, 02 07 32.6 -2.4, 02 07 34.1 -1.0, G07A, Ruggs Ranch, H, 57.85 56, i P P, 02 07 34.1 -1.0, 02 07 35.3 -0.1, B11A, Sandpoint, 57.90 52, i P P, 02 07 35.3 -0.1, 02 07 36.5 +0.4, A12A, Yaak River Ran, 58.01 51, i P P, 02 07 36.5 +0.4, 02 07 36.5 +0.3, E09A, Wood Farm, Sta, 58.01 54, i P P, 02 07 36.5 +0.3, 02 07 38.8 +2.3, F08A, Pendleton, 58.06 55, i P P, 02 07 38.8 +2.3, 02 07 37.5 +0.8, J05A, Fort Rock, 58.07 59, i P P, 02 07 37.5 +0.8, 02 07 37.6 +1.0, YBH, Yreka Blue Hor, 58.08 61, i P P, 02 07 37.6 +1.0, 02 07 37.7 +0.3, D10A, Wagner Farm, O, 58.19 54, i P P, 02 07 37.7 +0.3, 02 07 38.0 +0.1, G08A, Pilot Rock, 58.25 56, i P P, 02 07 38.0 +0.1, 02 07 38.7 +0.5, I06A, Prineville, 58.30 58, i P P, 02 07 38.7 +0.5, 02 07 38.1 -0.3, O01C, Eel River Cons, 58.33 63, i P P, 02 07 38.1 -0.3, 02 07 37.5 -1.1, ARCES, ARCESS Array B, 58.36 341, P P, 02 07 37.5 -1.1, 02 07 37.5 -1.1, ARCES, ARCESS Array B, 58.36 341, P P, 02 07 37.5 -1.1, 02 07 40.3 +0.1, M04C, Macdoel, 58.58 61, i P P, 02 07 40.3 +0.1, 02 07 40.6 +0.3, K05A, Summer Lake, 58.60 59, i P P, 02 07 40.6 +0.3, 02 07 40.5 +0.1, F09A, S2 Ranch, Elgi, 58.61 55, i P P, 02 07 40.5 +0.1, 02 07 41.0 -0.2, E10A, Myers Farm, Un, 58.61 54, i P P, 02 07 41.0 -0.2, 02 07 41.0 -0.3, I07A, Izeze, 58.63 57, i P P, 02 07 41.0 -0.3, 02 07 40.9 +0.1, A13A, Flathead Natio, 58.67 50, i P P, 02 07 40.9 +0.1, 02 07 40.3 -0.8, D11A, Klaveano Farm, 58.72 53, i P P, 02 07 40.3 -0.8, 02 07 40.1 -1.1, AB31, Akbulak array, 58.73 310, P P, 02 07 40.1 -1.1, 02 07 41.0 -0.3, J06A, Christmas Vall, 58.73 59, i P P, 02 07 41.0 -0.3, 02 07 41.5 -0.5, F10A, Beach Ranch, E, 58.84 55, i P P, 02 07 41.5 -0.5, 02 07 42.0 -0.1, WDC, Whiskeytown Da, 58.86 62, i P P, 02 07 42.0 -0.1, 02 07 42.8 +0.7, WALA, Waterton Lakes, 58.86 50, e P P, 02 07 42.8 +0.7, 02 07 41.5 -0.7, H08A, Prairie City, 58.86 57, i P P, 02 07 41.5 -0.7, 02 07 42.5 -0.2, G09A, Cove, 58.93 56, i P P, 02 07 42.5 -0.2, 02 07 43.3 +0.6, K06A, Valley Falls, 58.94 59, i P P, 02 07 43.3 +0.6, 02 07 43.7 0.0, O02C, Red Bluff, 58.94 63, i P P, 02 07 43.7 0.0, 02 07 43.9 +1.0, B13A, Whitefish, 58.96 51, P P, 02 07 43.9 +1.0, 02 07 45.0 +1.2, BSMT, Bassoo Peak, 59.10 52, e P P, 02 07 45.0 +1.2, 02 07 44.1 +0.2, THN, Thein Dam, 59.12 286, e P P, 02 07 44.1 +0.2, 02 07 44.4 0.0, E11A, Boer Ranch, 59.14 54, i P P, 02 07 44.4 0.0, 02 07 45.0 +0.1, M05C, Lookout, 59.25 61, i P P, 02 07 45.0 +0.1, 02 07 44.1 -0.9, I08A, Drewsey, 59.28 57, i P P, 02 07 44.1 -0.9, 02 07 45.4 +0.3, GASB, Alder Springs, 59.30 63, i P P, 02 07 45.4 +0.3, 02 07 46.0 +0.7, C13A, Hot Springs, 59.31 52, i P P, 02 07 46.0 +0.7, 02 07 45.4 -0.4, HATC, Hat Creek Radi, 59.38 62, i P P, 02 07 45.4 -0.4, 02 07 46.1 0.0, MOD, Modoc, 59.44 60, e P P, 02 07 46.1 0.0, 02 07 46.5 +0.4, MOD, Modoc, 59.44 60, i P P, 02 07 46.5 +0.4, 02 07 46.8 +0.5, BMO, Blue Mountains, 59.46 56, e P P, 02 07 46.8 +0.5, 02 07 58.1, BMO, Hopland, 59.47 64, i P P, 02 07 58.1, 02 07 46.9 +0.3, F11A, Grangeville, 59.50 54, i P P, 02 07 46.9 +0.3, 02 07 47.7 +1.1, O03C, Acorn Hollow, 59.52 63, i P P, 02 07 47.7 +1.1, 02 07 47.3 0.0, K07A, Rock Creek Ran, 59.60 59, i P P, 02 07 47.3 0.0, 02 07 48.5 +0.8, J08A, Circle Bar Ran, 59.66 58, i P P, 02 07 48.5 +0.8, 02 07 47.9 -0.1, C14A, Swan Lake, 59.71 51, i P P, 02 07 47.9 -0.1, 02 07 48.4 +0.4, G11A, Walters Elk Ra, 59.72 55, i P P, 02 07 48.4 +0.4, 02 07 48.1 0.0, D13A, Huson, 59.73 52, i P P, 02 07 48.1 0.0, 02 07 48.0 -0.1, I09A, Lost Marbles R, 59.73 57, i P P, 02 07 48.0 -0.1, 02 07 48.1 -0.1, M06C, Likely Place G, 59.75 61, i P P, 02 07 48.1 -0.1, 02 07 49.3 -0.1, O04C, Chester, 59.91 62, i P P, 02 07 49.3 -0.1, 02 07 49.4 -0.1, H10A, Noah's Angus R, 59.93 56, i P P, 02 07 49.4 -0.1, 02 07 49.7 +0.1, L07A, Adell, 59.95 59, i P P, 02 07 49.7 +0.1, 02 07 48.6 -1.3, ORR, Orenburg, 59.98 315, e P P, 02 07 48.6 -1.3, 02 07 50.5 +0.3, K08A, Mann Creek Ran, 60.03 58, i P P, 02 07 50.5 +0.3, 02 07 51.1 +0.6, F12A, Elk City, 60.08 54, i P P, 02 07 51.1 +0.6, 02 07 51.4 +0.8, J09A, Fry Pan Ranch, 60.09 57, i P P, 02 07 51.4 +0.8, 02 07 49.4 -1.4, ORV, Oroville, 60.11 63, i P P, 02 07 49.4 -1.4, 02 07 50.8 0.0, WVOR, Wild Horse Val, 60.12 59, e P P, 02 07 50.8 0.0, 02 08 02.5, WVOR, Wild Horse Val, 60.12 59, e P P, 02 08 02.5, 02 08 39.0 +2.5, WVOR, Wild Horse Val, 60.12 59, e P P, 02 07 50.9 -0.2, 02 08 02.9, MSO, Missoula, 60.17 52, e P P, 02 08 02.9, 02 07 52.0 +0.5, O05C, Quincy, 60.22 62, i P P, 02 07 52.0 +0.5, 02 07 50.6 -1.1, OHCM, Honcut, 60.25 63, e P P, 02 07 50.6 -1.1, 02 08 03.3, OHCM, Honcut, 60.25 63, e P P, 02 08 03.3, 02 07 52.4 +0.7, D14A, Greenough, 60.25 52, i P P, 02 07 52.4 +0.7, 02 07 52.1 +0.3, E13A, Victor, 60.27 53, i P P, 02 07 52.1 +0.3, 02 07 51.7 -0.2, H11A, Donnelly, 60.28 55, P P, 02 07 51.7 -0.2, 02 07 53.0 +0.2, N06A, Buffalo Meadow, 60.41 61, i P P, 02 07 53.0 +0.2, 02 07 53.1 +0.2, M07A, Soldier Meadow, 60.43 60, i P P, 02 07 53.1 +0.2, 02 07 53.3 +0.3, L08A, Fields, 60.44 59, i P P, 02 07 53.3 +0.3, 02 07 52.8 -0.2, NDI, New Delhi, 60.44 282, e P P, 02 07 52.8 -0.2, 02 07 54.0, NDI, New Delhi, 60.44 282, e P P, 02 07 54.0, 02 07 55.6, CHMT, Chamberlain Mo, 60.49 52, e P P, 02 07 52.8 -0.6, 02 08 04.9, CHMT, Chamberlain Mo, 60.49 52, e P P, 02 08 04.9, 02 08 38.5 +0.5, CHMT, Chamberlain Mo, 60.49 52, e P P, 02 08 38.5 +0.5, 02 07 54.2 +0.8, K09A, Rome, 60.50 58, i P P, 02 07 54.2 +0.8, 02 07 51.4 -2.3, KLMR, Klimovskoe, 60.55 329, e P P, 02 07 51.4 -2.3, 02 07 53.4 -0.5, F13A, Darby, 60.58 53, i P P, 02 07 53.4 -0.5, 02 07 53.6 -0.6, J10A, Berg Farm, Mel, 60.62 57, i P P, 02 07 53.6 -0.6, 02 07 53.9 -0.3, BEKR, Beckwourth, 60.62 62, i P P, 02 07 53.9 -0.3, 02 07 54.2 -0.3, E14A, Clinton, 60.66 52, i P P, 02 07 54.2 -0.3, 02 07 55.6 +0.2, I11A, Placerville, 60.79 56, i P P, 02 07 55.6 +0.2, 02 07 56.1 +0.5, P05C, Yuba Gap, Truc, 60.81 62, i P P, 02 07 56.1 +0.5, 02 07 55.2 -0.3, D15A, Lincoln, 60.81 51, i P P, 02 07 55.2 -0.3, 02 07 55.7 -0.2, M08A, Happy Creek Ra, 60.87 59, i P P, 02 07 55.7 -0.2, 02 07 56.4 +0.1, N07B, Gerlach, 60.91 60, i P P, 02 07 56.4 +0.1, 02 07 56.5 0.0, L09A, Wilkinson Ranc, 60.94 58, i P P, 02 07 56.5 0.0, 02 07 58.6 +2.1, JRSC, Jasper Ridge, 60.95 65, i P P, 02 07 58.6 +2.1, 02 07 56.9 -0.2, H12A, Diamond D Ranc, 61.04 55, i P P, 02 07 56.9 -0.2, 02 07 56.8 -0.4, G13A, Cobalt, 61.06 54, P P, 02 07 56.8 -0.4, 02 07 57.3 0.0, LAVA, Lava Cap Winer, 61.06 63, i P P, 02 07 57.3 0.0, 02 07 58.1 +0.6, F14A, Wisdom, 61.10 53, i P P, 02 07 58.1 +0.6, 02 07 57.6 0.0, E15A, Deer Lodge, 61.13 52, i P P, 02 07 57.6 0.0, 02 07 57.2 -0.7, BNLO, Ben Lomond (Sa, 61.16 65, i P P, 02 07 57.2 -0.7, 02 07 57.6 -0.4, MFID, Camas Ranch, 61.17 56, i P P, 02 07 57.6 -0.4, 02 07 57.8 -0.5, FFC, Filin Flon, 61.22 40, P P, 02 07 57.8 -0.5, 02 07 59.3 +0.2, WCN, Washoe City, 61.34 62, i P P, 02 07 59.3 +0.2, 02 07 58.8 -0.4, O07A, Toulon, 61.35 61, i P P, 02 07 58.8 -0.4, 02 07 59.0 -0.7, N08E, GE Springer Mi, 61.42 60, i P P, 02 07 59.0 -0.7, 02 08 00.1 +0.3, M09A, Marrel Ranch, 61.43 59, i P P, 02 08 00.1 +0.3, 02 08 00.9 +0.9, S04C, Ingram Canyon, 61.46 65, i P P, 02 08 00.9 +0.9, 02 07 58.4 -1.7, KAKA, Kakadu, 61.48 203, e P P, 02 07 58.4 -1.7, 02 08 00.5 +0.3, R05C, Kirkwood Meado, 61.51 63, e P P, 02 08 00.5 +0.3, 02 08 00.8 +0.2, F15A, Butte, 61.57 52, P P, 02 08 00.8 +0.2, 02 08 00.9 0.0, LRM, Limekiln Ridge, 61.60 52, e P P, 02 08 00.9 0.0, 02 08 02.0 +0.5, EGMT, Eagleton, 61.69 49, e P P, 02 08 02.0 +0.5, 02 08 13.3, EGMT, Eagleton, 61.69 49, e P P, 02 08 13.3, 02 08 01.6 +0.1, J12A, Stokes Ranch, 61.69 56, i P P, 02 08 01.6 +0.1, 02 08 01.0 -0.7, CMB, Columbia Colle, 61.73 64, e P P, 02 08 01.0 -0.7, 02 08 01.0 -0.7, CMB, Columbia Colle, 61.73 64, e P P, 02 08 01.0 -0.7, 02 08 01.9 +0.1, N09A, Rock Creek Ran, 61.74 59, i P P, 02 08 01.9 +0.1, 02 08 02.6 +0.4, PACP, Pacheco Peak, 61.79 65, i P P, 02 08 02.6 +0.4, 02 07 59.9 -2.3, JOF, Joensuu, 61.80 334, e P P, 02 07 59.9 -2.3, 02 08 02.4 +0.1, JOF, Joensuu, 61.80 334, e P P, 02 08 02.4 +0.1, 02 08 14.0, DLMT, Dillon, 61.80 53, e P P, 02 08 14.0, 02 08 02.7 -0.1, DLMT, Dillon, 61.80 53, e P P, 02 08 02.7 -0.1, 02 08 03.2 +0.2, M10A, L.L. Ranch, Tu, 61.91 58, P P, 02 08 03.2 +0.2, 02 08 03.2 -0.2, G15A, Dillon, 61.98 53, i P P, 02 08 03.2 -0.2, 02 08 03.9 +0.4, MCMT, McKenzie Canyo, 61.99 54, e P P, 02 08 03.9 +0.4, 02 08 03.9 +0.3, R06C, Coleville, 62.00 63, i P P, 02 08 03.9 +0.3, 02 08 04.6 +0.2, J13A, Cove Ranch, Pi, 62.03 63, i P P, 02 08 04.6 +0.2, 02 08 04.4 -0.2, S06C, San Francisco, 62.15 63, i P P, 02 08 04.4 -0.2, 02 08 05.5 +0.8, BOZ, Bowman (W), 62.16 52, i P P, 02 08 05.5 +0.8, 02 08 05.2 +0.4, BMN, Battle Mountai, 62.18 60, e P P, 02 08 05.2 +0.4, 02 08 05.3 +0.5, K12A, Draper Farm, C, 62.18 56, i P P, 02 08 05.3 +0.5, 02 08 05.6 -0.4, O09A, Fish Creek Ran, 62.36 60, i P P, 02 08 05.6 -0.4, 02 08 06.4 0.0, M11A, Holland Ranch, 62.41 58, i P P, 02 08 06.4 0.0, 02 08 07.5 +0.5, U04C, Hernandez Rese, 62.51 65, i P P, 02 08 07.5 +0.5, 02 08 07.4 +0.3, R07C, Lee Vining, 62.52 63, i P P, 02 08 07.4 +0.3, 02 08 07.7 +0.4, O10A, Cortez Mining, 62.70 59, i P P, 02 08 07.7 +0.4, 02 08 08.7 +0.3, Q08A, Gabb's, 62.73 61, P P, 02 08 08.7 +0.3, 02 08 08.2 -0.5, NVAR, Mina Array Bea, 62.77 62, P P, 02 08 08.2 -0.5, 02 08 09.8 +1.0, P09A, Austin, 62.78 60, i P P, 02 08 09.8 +1.0, 02 08 11.8 +3.0, QLMT, Earthquake Lak, 62.78 53, e P P, 02 08 11.8 +3.0, 02 08 21.1, QLMT, Earthquake Lak, 62.78 53, e P P, 02 08 21.1, 02 08 08.9 +0.1, T06C, Millerton Lake, 62.78 64, e P P, 02 08 08.9 +0.1, 02 08 09.2 +0.1, KCC, Kaiser Creek, 62.83 64, i P P, 0

13d 1h

2006 DEC

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Eureka, Madison River, Elko, Clover Valley, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like TUQ Turquoise Mtn., HEC Hector, CCUT Cedar City, MSU Marysville, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ANMO Pallekele, PALK Mangalore, ANMO Gani, ANMO Gani, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like Kaspereske Hory, Keskin Array S, Keskin Array B, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like WHFO Wadi Hawf, SMF Signal de Mont, RSM Repubblica di, etc.

Table with columns for Code, Station Name, Azimuth, Phase ID, Time Res, and other technical details. Includes stations like KUR Kuril'sk, NEM2 Nemuro 2, JRA Nausu, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like ANMO Albuquerque, TXAR Lajitas Array, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like SDV Santo Domingo, SDV Santo Domingo, WJCT Junction City, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like UNV Unalaska Valle, BILL Bilibino, BILL Bilibino, etc.

ISCJB 13 04:38:34.3z, 2.5, 112S.01z, 1635E.02, h39km, 20km, mb4/0.6, MS3.3/1, Error ellipse: s-maj=33.8km

IDC 13 04:38:36.5z, 3.8, 1115S.1635E, h42km, 32km, mb3.8/5, mb1 4.0/7, mb1mx3.8/18, mbtmp3.9/7, ML4.1/2, MS3.1/3, Ms1 3.1/3, ms1mx2.8/27, Error ellipse: s-maj=40.4km

NEIC 13 04:38:36.4z, 1.5, 1117S.16353E, h41km, 12km, mb4.2/2, Error ellipse: s-maj=20.6km s-min=11.8km az=59.0

ISC 13 04:38:36.4z, 2.1, 112S.01z, 1635E.02, h39km, 17km, n12, az=28/11, mb4.0/6, MS3.3/1, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Lists various stations in the Bougainville - Solomon Islands region.

SSNC 13 04:40:29.1, 1734N.7958W, h0km, MD3.8, ML2.8, IDC 13 04:40:39.9, 1.2, 1803N.7959W, h0km, mb3.7/7, mb1 4.0/9, mb1mx3.8/20, mbtmp3.8/9, ML3.1/1, Error ellipse: s-maj=35.6km s-min=22.3km az=21.0

JSN 13 04:40:39.6z, 0.3, 1772N.7921W, h10km, 796km, MD4.8, ISCJB 13 04:40:40.1z, 0.5, 1810N.007.7961W, 005, h10km, mb3.7/11, Error ellipse: s-maj=11.3km s-min=5.1km az=50.2

NEIC 13 04:40:41.7z, 0.6, 1809N.7957W, h10km, mb3.8/7, Error ellipse: s-maj=12.5km s-min=9.5km az=225.0

ISC 13 04:40:42.1z, 0.5, 1817N.007.7951W, 004, h10km, n28, az=090/30, mb3.7/11, 4C, North of Honduras

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Lists stations in the North of Honduras region.

MCJ Malvern 1.75 98f eP Pn 04 41 11.9 -0.6

CVJ Coleville 1.88 88f eP Pn 04 41 14.3 +0.1

PCJ Portland Cotta 2.28 100f eP Pn 04 41 18.9 -0.8

STH Stony Hill 2.57 92f eP Pn 04 41 23.8 0.0

MGV Manicarcagua 3.94 354 eP Pn 04 41 43.4 +0.8

IMASC Masc 5.37 67 eP Pn 04 42 09.6 +7.3

MASC comp=N, 1.3nm, 1.1s eS Sn 04 43 02.3 -1.8

SOR Soroa 5.65 325 eP Pn 04 42 06.8 +0.8

SOR comp=N, 2.1nm, 0.7s eS Sn 04 43 10.3 -0.6

TGUH Tegucigalpa, Un Tegich 8.51 242 ePn Pn 04 42 44.1 -1.3

TEIG Santo Domingo 12.63 316 ePn Pn 04 43 42.0 +0.2

SDV Lakeview Retre 16.26 337 ePn Pn 04 44 29.2 -1.4

WWT Waverly 19.34 339 eP Pn 04 45 08.5 -0.1

WCI Wyandotte Cave 20.84 345 eP Pn 04 45 23.5 -0.5

WJCT Junction City 22.14 307 eP Pn 04 45 38.6 +0.8

SDCO Great Sand Dune 29.96 316 eP Pn 04 46 52.1 +1.6

PDAR Pinedale Array 35.34 320 eP Pn 04 47 37.9 +0.3

DUG Dugway 36.11 314 eP Pn 04 47 45.3 +1.2

ISCJB 13 05:08:44.9z, 0.6, 1715N.005.14534E, 004, h365km, 7km, mb4.3/3.0, Error ellipse: s-maj=7.4km s-min=5.7km az=84.0

MOS 13 05:08:44.7z, 0.9, 1721N.14538E, h364km, mb4.3/2.0, Error ellipse: s-maj=12.9km s-min=7.5km az=107.3

IDC 13 05:08:45.7z, 0.1, 1713N.14537E, h363km, 8km, mb3.9/2.1, mb1 4.0/2.3, mb1mx4.0/2.6, mbtmp3.9/2.3, Error ellipse: s-maj=15.0km s-min=6.8km az=87.0

NEIC 13 05:08:46.0z, 0.8, 1717N.14538E, h367km, 6km, mb4.4/2.6, Error ellipse: s-maj=7.3km s-min=5.9km az=80.0

BUI 13 05:08:46.0z, 0.7, 1719N.14540E, h367km, mb4.6, mb4.3, ISC 13 05:08:45.4z, 0.7, 1719N.005.14540E, 004, h354km, 7km, n12, az=64/11, mb4.0/6, MS3.3/1, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Lists various stations in the Bougainville - Solomon Islands region.

SSNC 13 04:40:29.1, 1734N.7958W, h0km, MD3.8, ML2.8, IDC 13 04:40:39.9, 1.2, 1803N.7959W, h0km, mb3.7/7, mb1 4.0/9, mb1mx3.8/20, mbtmp3.8/9, ML3.1/1, Error ellipse: s-maj=35.6km s-min=22.3km az=21.0

JSN 13 04:40:39.6z, 0.3, 1772N.7921W, h10km, 796km, MD4.8, ISCJB 13 04:40:40.1z, 0.5, 1810N.007.7961W, 005, h10km, mb3.7/11, Error ellipse: s-maj=11.3km s-min=5.1km az=50.2

NEIC 13 04:40:41.7z, 0.6, 1809N.7957W, h10km, mb3.8/7, Error ellipse: s-maj=12.5km s-min=9.5km az=225.0

ISC 13 04:40:42.1z, 0.5, 1817N.007.7951W, 004, h10km, n28, az=090/30, mb3.7/11, 4C, North of Honduras

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Lists stations in the North of Honduras region.

MCJ Malvern 1.75 98f eP Pn 04 41 11.9 -0.6

CVJ Coleville 1.88 88f eP Pn 04 41 14.3 +0.1

PCJ Portland Cotta 2.28 100f eP Pn 04 41 18.9 -0.8

STH Stony Hill 2.57 92f eP Pn 04 41 23.8 0.0

MGV Manicarcagua 3.94 354 eP Pn 04 41 43.4 +0.8

IMASC Masc 5.37 67 eP Pn 04 42 09.6 +7.3

MASC comp=N, 1.3nm, 1.1s eS Sn 04 43 02.3 -1.8

SOR Soroa 5.65 325 eP Pn 04 42 06.8 +0.8

SOR comp=N, 2.1nm, 0.7s eS Sn 04 43 10.3 -0.6

TGUH Tegucigalpa, Un Tegich 8.51 242 ePn Pn 04 42 44.1 -1.3

TEIG Santo Domingo 12.63 316 ePn Pn 04 43 42.0 +0.2

SDV Lakeview Retre 16.26 337 ePn Pn 04 44 29.2 -1.4

WWT Waverly 19.34 339 eP Pn 04 45 08.5 -0.1

WCI Wyandotte Cave 20.84 345 eP Pn 04 45 23.5 -0.5

WJCT Junction City 22.14 307 eP Pn 04 45 38.6 +0.8

SDCO Great Sand Dune 29.96 316 eP Pn 04 46 52.1 +1.6

PDAR Pinedale Array 35.34 320 eP Pn 04 47 37.9 +0.3

DUG Dugway 36.11 314 eP Pn 04 47 45.3 +1.2

ISCJB 13 05:08:44.9z, 0.6, 1715N.005.14534E, 004, h365km, 7km, mb4.3/3.0, Error ellipse: s-maj=7.4km s-min=5.7km az=84.0

MOS 13 05:08:44.7z, 0.9, 1721N.14538E, h364km, mb4.3/2.0, Error ellipse: s-maj=12.9km s-min=7.5km az=107.3

IDC 13 05:08:45.7z, 0.1, 1713N.14537E, h363km, 8km, mb3.9/2.1, mb1 4.0/2.3, mb1mx4.0/2.6, mbtmp3.9/2.3, Error ellipse: s-maj=15.0km s-min=6.8km az=87.0

NEIC 13 05:08:46.0z, 0.8, 1717N.14538E, h367km, 6km, mb4.4/2.6, Error ellipse: s-maj=7.3km s-min=5.9km az=80.0

BUI 13 05:08:46.0z, 0.7, 1719N.14540E, h367km, mb4.6, mb4.3, ISC 13 05:08:45.4z, 0.7, 1719N.005.14540E, 004, h354km, 7km, n12, az=64/11, mb4.0/6, MS3.3/1, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Lists various stations in the Bougainville - Solomon Islands region.

SSNC 13 04:40:29.1, 1734N.7958W, h0km, MD3.8, ML2.8, IDC 13 04:40:39.9, 1.2, 1803N.7959W, h0km, mb3.7/7, mb1 4.0/9, mb1mx3.8/20, mbtmp3.8/9, ML3.1/1, Error ellipse: s-maj=35.6km s-min=22.3km az=21.0

JSN 13 04:40:39.6z, 0.3, 1772N.7921W, h10km, 796km, MD4.8, ISCJB 13 04:40:40.1z, 0.5, 1810N.007.7961W, 005, h10km, mb3.7/11, Error ellipse: s-maj=11.3km s-min=5.1km az=50.2

NEIC 13 04:40:41.7z, 0.6, 1809N.7957W, h10km, mb3.8/7, Error ellipse: s-maj=12.5km s-min=9.5km az=225.0

ISC 13 04:40:42.1z, 0.5, 1817N.007.7951W, 004, h10km, n28, az=090/30, mb3.7/11, 4C, North of Honduras

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Lists stations in the North of Honduras region.

MCJ Malvern 1.75 98f eP Pn 04 41 11.9 -0.6

CVJ Coleville 1.88 88f eP Pn 04 41 14.3 +0.1

PCJ Portland Cotta 2.28 100f eP Pn 04 41 18.9 -0.8

STH Stony Hill 2.57 92f eP Pn 04 41 23.8 0.0

MGV Manicarcagua 3.94 354 eP Pn 04 41 43.4 +0.8

IMASC Masc 5.37 67 eP Pn 04 42 09.6 +7.3

MASC comp=N, 1.3nm, 1.1s eS Sn 04 43 02.3 -1.8

SOR Soroa 5.65 325 eP Pn 04 42 06.8 +0.8

SOR comp=N, 2.1nm, 0.7s eS Sn 04 43 10.3 -0.6

TGUH Tegucigalpa, Un Tegich 8.51 242 ePn Pn 04 42 44.1 -1.3

TEIG Santo Domingo 12.63 316 ePn Pn 04 43 42.0 +0.2

SDV Lakeview Retre 16.26 337 ePn Pn 04 44 29.2 -1.4

WWT Waverly 19.34 339 eP Pn 04 45 08.5 -0.1

WCI Wyandotte Cave 20.84 345 eP Pn 04 45 23.5 -0.5

WJCT Junction City 22.14 307 eP Pn 04 45 38.6 +0.8

SDCO Great Sand Dune 29.96 316 eP Pn 04 46 52.1 +1.6

PDAR Pinedale Array 35.34 320 eP Pn 04 47 37.9 +0.3

DUG Dugway 36.11 314 eP Pn 04 47 45.3 +1.2

Table with columns: VAY, STON, STON, Valandovo, Ston, Ston, 196, 300, 106, 106, i, i, Pn, Pn, Pn, Pn, 10, 10, 13, 13, 58, 58, .+0,8, .+1,7, +0,3

ISCJB 13 10:15:36.4±1.5, 1112N:003.12476E:006, h6km, 5.9km, mb4.4/21, MS4.0/11, Error ellipse: s-maj=9.7km s-min=5.3km az=71.4

MAN 13 10:15:37.6±1.0, 109N:124.69E, h5km, mb4.6, ML5.4, MS1.4 MAN F ORMOC CITY - INTENSIFY III

MOS 13 10:15:41.2±0.9, 1101N:124.57E, h45km, mb4.6/14, MS4.2/4, Error ellipse: s-maj=37.0km s-min=10.6km az=109.9

IDC 13 10:15:46.5±7.4, 1104N:124.70E, h75km, 70km, mb4.0/12, mb1.4/12, mb1mx3.9/21, mbtmp4.0/12, MS4.0/11, Ms1.4/0/11, ms1mx3.8/25, Error ellipse: s-maj=49.6km s-min=12.7km az=73.0

ISC 13 10:15:38.0±1.3, 1111N:003.12472E:006, h5km, 7km, n57, +0.92/55, mb4.4/21, MS4.0/11, 7C-4D, Leyte

Main table of seismic events with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Maasin, Lapu-Lapu, Catartan, Sibulan, etc.

ML2.9, 3C-3D, Near coast of central Chile

Table of seismic events for Chile with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Papudo, El Roble, Las Cruces, etc.

HLW 13 10:53:19.8, 3115N:352.7E, h3km, Mb2.6 GII 13 10:53:21.0±0.9, 3109N:351.8E, h0km, ML2.5/4, Dead

Sea region

Table of seismic events for sea region with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Masada, Yattir, Dead Sea, etc.

MAN 13 11:06:34.5, 1115N:124.84E, h23km, mb3.3, ML4.6, MS2.9, Leyte

Table of seismic events for Leyte with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Palo, Maasin, etc.

IDC 13 11:12:48.1±0.6, 2009S:69.20W, h96km, 4km, mb3.7/9, mb1.4/0/10, mb1mx3.9/17, mbtmp3.7/10, Error ellipse: s-maj=23.3km s-min=16.4km az=61.0

ISCJB 13 11:12:50.1±1.9, 2014S:008.690W:02, h129km, 18km, mb3.9/1, Error ellipse: s-maj=28.0km s-min=12.0km az=153.0

NEIC 13 11:12:51.4±1.5, 2016S:68.89W, h124km, 16km, mb4.1/5, Error ellipse: s-maj=25.0km s-min=11.2km az=83.0

NEIC Felt [IV] at Pisagua; [III] at Camina and Huara; [II] at Iquique and Pica.

ISC 13 11:12:51.5±1.7, 2012S:08.690W:02, h126km, 17km, h95km, 3.6km, pP-P, n3.0, +0.82/22, mb3.9/1, 1C, Chile-Bolivia border region

Main table of seismic events for Chile-Bolivia border region with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like LPaz, LPaz, SIV, CFAA, etc.

Table of seismic events for Colombia with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Rosca El Rosal, Rosca, etc.

IDC 13 11:26:26.3±0.9, 689N:7307W, h156km, 14km, mb2.7/1, mb1.3/1.3, mb1mx2.9/20, mbtmp3.0/3.0, Error ellipse: s-maj=58.1km s-min=7.8km az=131.0, Northern

Colombia

Table of seismic events for Colombia with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Rosca El Rosal, Rosca, etc.

ISCJB 13 11:31:07.6±2.2, 4108N:009.207E:01, h4km, 25km, Error ellipse: s-maj=22.3km s-min=9.4km az=76.4

NEIC 13 11:31:10.1±2.2, 4114N:206.2E, h327km, ML3.9(THE), After THE

ISC 13 11:31:07.5±1.8, 4108N:007.207E:01, h0km, 7km, n19, +0.54/29, Albania

Main table of seismic events for Albania with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Griva, Griva, Metsovon, etc.

NIED 13 11:40:00, 4650N:154.20E, h20km, Mw4.7, Best double couple: Mo:1.40000+0.16 NP1:0.181.00000, s60.00000, lambda-120.00000, NP2:0.500000, s41.00000, lambda-49.00000

ISCJB 13 11:40:54.7±0.1, 4597N:003.15446E:002, h16km, mb5.0/165, MS4.2/37, Error ellipse: s-maj=5.5, 1km s-min=1.1km az=149.0

IDC 13 11:40:54.2±0.4, 4616N:154.46E, h0km, mb4.7/22, mb1.4/8/23, mb1mx4.8/20, mbtmp4.7/23, ML4.2/1, MS4.1/17, Ms1.4/1/17, ms1mx3.8/34, Error ellipse: s-maj=15.4km s-min=11.6km az=148.0

GCMT 13 11:40:56.4±0.3, 4629N:154.67E, h13km, 1km, MW4.9/63, Moment Tensor Solution. s27.c35; s63.c99; Duration: 0.00t tensor: Scale 1016Nm; Mir-2.70e.16; Mw:1.05t.11; Mw:1.20t.10; Mw:1.16t.25; Mw:1.49t.06; Mo:0.34t.24; Best double couple: Mo:3.02800+0.16 NP1:0.37.00000, s35.00000, lambda-107.00000, NP2:0.238.00000, s57.00000, lambda-78.00000, Principal axes: T:3.0560, P:1.0000, Azm:320.0000, N:-0.0570, P:10.0000, Azm:52.0000, P:-3.0000, P:10.0000, P:10.0000, nsta2 refers to surface waves, cutoff=40s.

NEIC 13 11:40:56.4±0.2, 4621N:154.44E, h10km, mb5.1/99, MS4.6/4, Error ellipse: s-maj=5.5km s-min=3.1km az=166.0

BUI 13 11:40:56.7, 4632N:154.02E, h7km, mb5.1, mb4.9, Ms4.6, Ms2.3

JMA 13 11:40:58.0±0.7, 4650N:154.19E, h30km, Ms5.0 SKHL 13 11:40:58.4±1.9, 4630N:154.40E, h44km, 13km, mb5.1/5, mb6.0/2, ms4.5/4, msh5.9/1

MOS 13 11:41:00.0±1.4, 4626N:154.28E, h57km, mb5.1/90, MS4.2/21, Error ellipse: s-maj=10.1km s-min=9.5km bz=100.1

SZGRF 13 11:41:02.4, 4648N:154.88E, h33km, mb4.9, East of Kuril Islands, Russia

ISC 13 11:40:57.1±0.1, 4614N:003.15440E:002, h17km, h17km, 1.7km, pP-P, n77.0, +0.91/701, mb5.0/165, MS4.2/37, 109C-70D, East of Kuril Islands

Main table of seismic events for East of Kuril Islands with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Kuril'sk, Kuril'sk, etc.

NEM2	eS	Sn	11 43 46.0	-6.0		
JRA	Rausu	6.93 255	P	Pn	11 42 38.7	+0.8
JRA			eS	Pn	11 43 55.2	-1.1
JNK	Nakash	7.34 253	P	Pn	11 42 43.8	+0.4
JNK			eS	Pn	11 44 02.8	-3.5
PET	Petropavlovsk	7.43 20	ePN	Pn	11 42 39.8	-4.9
PET			pmx	pmx		
PET	comp=Z,58nm,1.4s		MLR	MLR		
PET	comp=Z,1µm,13.0s		MLR	MLR		
PET	Petropavlovsk	7.43 20	ePn	Pn	11 42 41.4	-3.2
PET			eS	Pn	11 43 57.5	-1.1
JAK	Akkeshi	7.61 249	P	Pn	11 42 46.4	+0.8
JAK			eS	Pn	11 44 06.6	-6.4
JTRK	Abashiri-Toko	7.74 258	P	Pn	11 42 49.8	+0.8
YSS	Yuzh-Sakhalins	8.07 280	i/PN	Pn	11 42 56.8	+3.3
YSS			pmx	pmx	11 44 25.0	+1.6
YSS	comp=Z,120nm,1.0s		MLR	MLR		
YSS	comp=Z,1µm,15.0s		MLR	MLR		
YSS	comp=N,500nm,12.0s		MLR	MLR		
YSS	comp=E,1µm,14.0s		MLR	MLR		
YSS	Yuzh-Sakhalins	8.07 280	ePn	Pn	11 42 56.4	+2.9
YSS			eS	Pn	11 44 25.0	+0.6
YSS	Yuzh-Sakhalins	8.07 280	i/P	Pn	11 42 56.8	+3.3
YSS			AMB	AMB	11 42 59.5	
YSS	comp=E,120nm,1.0s		eS	Sn	11 44 26.0	+1.6
YSS			AMS	AMS	11 47 16.0	
YSS	comp=E,500nm,13.0s		AMS	AMS	11 47 16.0	
YSS	comp=E,1µm,13.0s		AMS	AMS	11 47 16.0	
JAR	Ashorobuto	8.09 253	P	Pn	11 42 54.2	+0.5
JAR			eS	Pn	11 44 20.0	-4.7
JMP	Maruseppu	8.10 259	P	Pn	11 42 55.6	+1.7
UOB	Onbets	8.21 251	P	Pn	11 44 22.0	-5.8
JSE	Soyas	8.38 266	P	Pn	11 43 00.8	+3.1
JKK2	Kamakawa 2	8.56 259	P	Pn	11 43 01.6	+1.3
ASAJ	Asahikawa	8.59 261	P	Pn	11 43 02.0	+1.4
ASAJ			Sn	Sn	11 44 37.2	+0.1
ASAJ	baz=117,slow=16,SNR=1.2					
ASAJ	Asahikawa	8.59 261	P	Pn	11 43 02.3	+1.7
ASAJ	Asahikawa	8.59 261	PN	Pn	11 43 02.0	+1.4
ASAJ			pmx	pmx		
JCH	Churui	8.65 250	P	Pn	11 43 01.0	-0.5
JCH			eS	Pn	11 44 32.3	-6.4
JWK2	Keihoku	8.79 269	P	Pn	11 43 06.3	+2.9
UGL	Uglegorsk	8.84 294	P	Pn	11 43 08.0	+4.0
UGL			AMB	AMB	11 43 19.0	
UGL	comp=Z,130nm,1.0s		AMS	AMS	11 48 06.0	
UGL	comp=Z,1µm,14.0s		AMS	AMS	11 48 06.0	
UGL	comp=Z,1µm,14.0s		AMS	AMS	11 48 06.0	
JFR	comp=Z,2µm,14.0s		AMS	AMS	11 48 06.0	
JEM	Ermo	9.03 255	P	Pn	11 43 06.1	+0.8
JEM			P	Pn	11 43 05.7	-1.6
JEM			S	Pn	11 44 39.1	-1.0
ERM	Ermo	9.08 247	P	Pn	11 43 11.7	+4.3
ERM	comp=Z,594nm,1.0s,SNR=5.3					
ERM	Ermo	9.08 247	ePn	Pn	11 43 10.8	+3.4
ERM	comp=Z,82nm,0.8s					
ERN	Urakawa-nobuka	9.21 249	P	Pn	11 44 38.3	-1.1
JNBK			eS	Pn	11 43 08.1	-1.0
JNBK			eS	Pn	11 44 45.3	-7.0
JBT2	Birator 2	9.24 253	P	Pn	11 43 09.3	+0.2
JEW	Eniwo	9.82 255	P	Pn	11 43 16.4	-1.2
JNB	Noboribetsu	10.26 254	P	Pn	11 43 23.1	-0.4
JNB			eS	Pn	11 45 12.5	-5.5
OKH	Okha	10.47 319	eP	Pn	11 43 23.8	-2.7
OKH			AMB	AMB	11 43 30.0	
OKH	comp=Z,800nm,6.0s		eS	Sn	11 45 19.0	-4.4
OKH			AMS	AMS	11 48 48.0	
OKH	comp=Z,2µm,14.0s		AMS	AMS	11 48 48.0	
OKH	comp=Z,1µm,14.0s		AMS	AMS	11 48 48.0	
OKH	comp=Z,5µm,14.0s		AMS	AMS	11 48 48.0	
JKB	Kayabe	10.52 251	P	Pn	11 43 25.8	-1.3
JKB			eS	Pn	11 45 15.0	-1.0
JOT	Ohta	10.76 249	P	Pn	11 43 29.6	-0.8
JOT			S	Pn	11 45 21.7	-8.7
JSH	Shimam	10.85 256	P	Pn	11 43 32.9	+1.3
JYM2	Yakumo 2	10.86 253	P	Pn	11 43 31.1	-0.6
JANG	Nango	11.02 243	P	Pn	11 43 30.9	-3.0
JANG			eS	Pn	11 45 26.6	-1.1
JTM	Tenmabayashi	11.06 246	P	Pn	11 43 32.4	-2.1
JTM			eS	Pn	11 45 26.6	-1.1
JTH	Tanohata	11.06 240	P	Pn	11 43 30.9	-3.6
JTH			eS	Pn	11 45 25.3	-1.3
JOSM	Okushiri-Mats	11.47 255	P	Pn	11 43 39.0	-1.1
JOM	Ohshima	11.70 240	P	Pn	11 43 42.9	-0.9
JOM			S	Pn	11 45 43.6	-1.0
OFUJ	Ofunato	11.73 238	P	Pn	11 43 41.1	-2.5
RFUJ	Rokugo	12.14 241	P	Pn	11 43 47.6	-1.7
JIO	Ouri	12.33 236	P	Pn	11 43 47.9	-4.0
JIO			eS	Pn	11 45 55.8	-1.3
JMM	Marumori	13.05 236	P	Pn	11 44 02.3	+0.6
JMM			S	Pn	11 46 16.0	-1.0
HABR	Khabarovsk	13.34 287	ePN	Pn	11 44 10.4	+4.8
HABR			eS	Pn	11 46 40.7	+7.2
HABR			pmx	pmx		
JFK	Kawauchi	13.35 234	P	Pn	11 44 02.1	-3.7
JFK			eS	Pn	11 46 21.4	-1.2
JYT	Yasato	14.55 232	P	Pn	11 44 19.2	-3.0
JYT			S	Pn	11 46 49.8	-1.3
JRY	Yogami san	15.43 235	P	Pn	11 45 32.8	-1.1
MAJO	Matsushiro	15.46 237	eP	Pn	11 44 32.7	-1.6
MAJO			pmx	pmx		
MAJO	comp=Z,52nm,0.9s					
MAJO	Matsushiro	15.46 237	eP	Pn	11 44 32.6	-1.7
MAJO	comp=Z,52nm,0.8s					
MAT	Matsushiro	15.46 237	P	Pn	11 44 32.3	-2.0
MAT			S	Pn	11 47 34.8	+1.0
MAT	Matsushiro	15.46 237	P	Pn	11 44 32.5	-1.8
MJAR	Matsushiro Arr	15.46 237	Pn	Pn	11 44 31.5	-2.8
MJAR	comp=Z,0.3nm,0.3s,ba=28,slow=12,SNR=15					
VLA	Vladivostok	16.30 267	eP	Pn	11 44 42.5	-2.6
VLA			pmx	pmx		
VLA	comp=Z,75nm,1.2s		MLR	MLR		
VLA	comp=Z,600nm,15.7s		MLR	MLR		
MDJ	Mudanjiang	17.48 274	P	Pn	11 45 00.8	+0.8
MDJ			AP	pP	11 45 04.3	-1.6
MDJ			AMB	AMB		
MDJ	comp=Z,69nm,1.1s		AMB	AMB		
MDJ	comp=Z,74nm,5.6s		LR	LR		
MDJ	comp=N,273nm,16.7s		LR	LR		
MDJ	comp=E,437nm,15.7s		LR	LR		
MDJ	comp=Z,617nm,14.6s		LR	LR		
MDJ	Mudanjiang	17.48 274	eP	Pn	11 44 59.5	-0.6
MDJ	comp=Z,67nm,1.0s					
WJW	Wachi	17.98 240	P	Pn	11 45 06.0	-0.2
CN2	Changchun	20.57 274	eP	P	11 45 33.0	-2.0
CN2			eXP	S	11 45 40.0	-2.1
CN2			eS	AMB	11 49 16.0	-8.4
CN2			AMB	AMB		
CN2	comp=Z,10.0nm,0.6s		LR	LR		
CN2	comp=Z,200nm,3.0s		LR	LR		
CN2	comp=N,200nm,14.0s,MS4.1		LR	LR		
CN2	comp=E,500nm,14.0s,MS4.1		LR	LR		
CN2	comp=Z,600nm,15.0s,MS4.1		LR	LR		
CLNS	Chul'man	21.09 311	eP	P	11 45 39.7	-1.0
CLNS			ePPP	S	11 46 03.6	
CLNS			eS	S	11 49 28.5	-6.3

CLNS			e	11 49 46.1		
CLNS			eSS	11 50 07.2		
CLNS			pmx	pmx		
CLNS	comp=Z,20nm,0.8s,mb4.5		pmx	pmx		
CLNS	comp=N,9.0nm,0.6s		pmx	pmx		
CLNS	comp=E,16nm,0.9s		smx	smx		
CLNS	comp=N,53nm,1.3s		smx	smx		
CLNS	comp=Z,7.0nm,1.2s		smx	smx		
CLNS	comp=E,30nm,1.1s		MLR	MLR		
CLNS	comp=Z,1µm,12.0s,MS4.5		MLR	MLR		
CLNS	comp=N,300nm,13.0s,MS4.7		MLR	MLR		
CLNS	comp=E,2µm,14.0s,MS4.7		MLR	MLR		
YAK	Yakutsk	21.32 327	eP	P	11 45 42.4	-0.7
YAK			ePPP	S	11 45 59.5	
YAK			eS	S	11 46 06.6	
YAK			pmx	pmx	11 49 31.3	-7.9
YAK	comp=Z,8.0nm,0.9s,mb4.0		pmx	pmx		
YAK	comp=N,3.0nm,1.7s		pmx	pmx		
YAK	comp=E,3.0nm,1.0s		smx	smx		
YAK	comp=E,178nm,3.4s		smx	smx		
YAK	comp=N,117nm,2.1s		MLR	MLR		
YAK	comp=N,389nm,14.0s,MS4.0		MLR	MLR		
YAK	comp=Z,419nm,14.0s,MS4.0		MLR	MLR		
YAK	comp=Z,267nm,17.0s,MS4.0		MLR	MLR		
YAK	Yakutsk	21.32 327	eP	P	11 45 41.5	-1.6
YAK			eS	S	11 49 37.1	-2.1
YAK			P	P	11 49 47.0	+2.2
KSRS	Korea Array	21.48 256	P	P	11 49 47.1	-0.3
KSRS	comp=E,22nm,1.1s,mb4.4,ba=59,slow=10.0,SNR=19		PcP	PcP	11 49 47.1	-0.3
KSRS	comp=E,2.5nm,1.0s,ba=180,slow=0.8,SNR=5.9		LR	LR	11 53 49.3	
KSRS	comp=E,147nm,18.1s,MS3.4,ba=193,slow=36		P	P	11 45 47.9	+2.7
KS15	Wonju Array Si	21.52 256	eP	P	11 45 58.4	+5.9
JNU	Nakatsue	22.20 242	P	P	11 45 58.4	+5.9
JNU	comp=E,19nm,0.9s,mb4.5,ba=263,slow=22,SNR=4.7					
INCN	Inchon	22.34 257	eP	P	11 45 56.1	+2.1
INCN	comp=E,42nm,0.8s,mb4.9					
SNY	Shenyang	22.52 270	iP	P	11 45 56.8	+0.9
SNY			AMB	AMB		
SNY	comp=Z,33nm,0.7s,mb4.9		LR	LR		
SNY	comp=N,233nm,14.7s,MS4.1		LR	LR		
SNY	comp=E,490nm,15.0s,MS4.1		LR	LR		
SNY	comp=Z,542nm,13.8s,MS4.1		LR	LR		
BILL	Bilibino	22.80 12c	iP	P	11 45 57.8	-1.1
BILL			eS	S	11 49 56.0	-1.2
BILL			pmx	pmx		
BILL	comp=Z,52nm,1.0s,mb4.9		MLR	MLR		
BILL	comp=Z,400nm,18.0s,MS3.9		eP	P	11 45 57.4	-1.6
BILL	Bilibino	22.80 12	eP	P	11 45 57.4	-1.6
BILL	comp=Z,56nm,0.9s,mb5.0					
HIA	Hailar	23.41 290	eP	P	11 46 02.2	-3.1
HIA			pmx	pmx		
HIA	comp=Z,8.0nm,0.6s					
HIA	Hailar	23.41 290	eP	P	11 46 02.2	-3.1
HIA	comp=Z,7.9nm,0.6s,mb4.3					
DL2	Dalian	25.08 265	iP	P	11 46 23.8	+3.1
DL2			S	S	11 50 48.0	+3.6
DL2	comp=Z,30nm,1.1s,mb4.7		AMB	AMB		
DL2	comp=Z,120nm,4.5s		AMB	AMB		
DL2	comp=N,160nm,14.0s,MS3.8		LR	LR		
DL2	comp=E,120nm,15.6s,MS3.8		LR	LR		
DL2	comp=Z,180nm,14.2s,MS3.7		LR	LR		
BOD	Bodaibo	27.07 310	iP	P	11 46 36.6	-2.1
BOD			e	S	11 51 09.5	
BOD	comp=Z,24nm,1.4s,mb4.5		pmx	pmx		
CIT	Chita	27.12 298	eP	P	11 46 39.4	+0.3
CIT			e	S	11 47 34.1	
CIT			pmx	pmx		
JOW	Kunigami	28.30 236	P	P	11 46 49.0	-0.7
JOW	comp=Z,11nm,0.8s,mb4.5,ba=129,slow=19,SNR=5.0					
TIXI	Tiksi	28.31 34				

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like Q12A Willow Creek R, LAO LASA Array, MPMC Manual Prospec, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like 116A Eloy, SDCO Great Sand Dun, POO Poona, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like GRF Grafenberg Arr, GRF Grafenberg Arr, GRF Grafenberg Arr, etc.

TORD comp=Z,1.4nm,0.9s,baz=348,slow=3.5,SNR=5.1 PKPab PKPab 13 40 00.0 +3.5

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Chichi jima, Mitsune, Boso 1, Ryogami san, Hitachi, Kawauchi, Ichinoseki.

CSEM 13 13:22:42.6-0.5, 3653N:1169W, h30km, ML3.6/5, Error ellipse: s-maj=10.2km s-min=8.3km az=77.0 NEIC 13 13:22:50.3, 3688N:1104W, h0km, MN3.0(MDD), After MDD.

MDD 13 13:22:50.2-0.2, 3685N:1104W, h0km, mb3.5/6, Error ellipse: s-maj=17.4km s-min=13.2km az=57.0, PRXIMO INMG 13 13:22:51.4-1.1, 3680N:1099W, h0km, 34km, ML2.4, Error ellipse: s-maj=36.5km s-min=4.3km az=60.0, Azores-Cape St. Vincent Ridge

Main table of station data for the Azores-Cape St. Vincent Ridge region, listing codes, station names, coordinates, and seismic parameters.

NEIC 13 13:28:56.7, 3465N:1541E, h10km, ML3.5(ROM), After ROM 13 13:28:56.7-0.6, 3465N:1541E, h10km, Md3.0/8, M13.5/5, Error ellipse: s-maj=10.5km s-min=4.6km az=33.0, Central Mediterranean Sea

Table of station data for the 2006 DEC period, including stations like WDD, HAVL, HMDC, SFF, RASO, MMME, SOI, SERS.

IDC 13 13:32:03.0-0.7, 3040N:5755E, h0km, mb4.3/17, mb1 4.4/20, mb1mx4.3/28, mbtmp4.3/20, ML3.2/3, MS3.5/6, MS1 3.5/6, ms1mx3.2/45, Error ellipse: s-maj=18.6km s-min=14.5km az=171.0 THR 13 13:32:05.0-0.3, 3052N:5758E, h14km, 4km, ML4.4, MS2.2 BUJ 13 13:32:06.3, 3115N:5753E, h6km, mb4.9, mb4.5, Ms4.4, Ms2.4 CSEM 13 13:32:06.9-0.1, 3056N:5752E, h25km, mb4.3/14, Error ellipse: s-maj=1.6km s-min=1.2km az=114.0 TEH 13 13:32:07.7, 3055N:5752E, h7km, M4.7, NEIC 13 13:32:07.7, 3055N:5752E, h7km, mb4.4/8, ML4.4(THR), M4.7(TEH), After TEH. ISC/JB 13 13:32:07.7-0.5, 3050N:003:5750E:003, h37km, 5km, mb4.4/32, MS3.6/4, Error ellipse: s-maj=5.0km s-min=3.8km az=101.6 MOS 13 13:32:08.4-1.8, 3064N:5749E, h33km, mb4.3/13, Error ellipse: s-maj=10.5km s-min=6.9km az=99.1 ISC 13 13:32:05.2-0.7, 3046N:002:5761E:002, h5km, 4km, n190, c1528/301, mb4.4/32, MS3.6/4, 3C-2D, Northern and central Iran

Main table of station data for the 2006 DEC period, listing codes, station names, coordinates, and seismic parameters.

Main table of station data for the 2006 DEC period, listing codes, station names, coordinates, and seismic parameters.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes entries for JRY, CN2, VLA, KULM, etc.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes entries for BOD, FITZ, HYB, MKAR, etc.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes entries for FORT, KLBR, MUN, NWAO, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like PATA Patacocha, ARRY Arrayan, ULBA Ulba, etc.

BUI 13 17:44:08.7, 5295N:10753E, h10km, mb4.8, mb4.4, Ms4.3, Ms4.2
MOS 13 17:44:09.7, 1.1, 5285N:10735E, h13km, mb4.4/13, Error ellipse: s-maj=8.0km s-min=5.9km az=79.1

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like TRTB Turuntaevo, TRG Tyrgan, OGRR Ongureny, MXMB Maximikha, KAB Kabansk, UYUD Ulan-Yde, HRMR Khuramsha, BTMB Babushkin, SYVR Suvo, LSTR Listvyanka, IRK Irkutsk.

Table with columns: IRK, comp=N, 47um, 0.2s, 2.02 254 eP, Pg, 17 44 47.2 -2.2, 17 44 49.6. Includes stations like Irkutsk, Talaya, Ulyunkhan, Nizh Angarsk, Arshan, Zakamensk, Chita, Chongchun, Uoyan, Khapcheringa, Orlik, Severomysk, Ulanbaatar, Songino Array.

Table with columns: SONM, comp=N, 46nm, 0.3s, baz=0.7, slow=16, SNR=60, 17 46 23.1 -2.0. Includes stations like Nelyaty Bodaibo, Chara, Tupik, Hailar, Krasnoyarsk, Huh-hao-te, Beijing, Chongchun, Yakutsk, WMO, MDJ, Lanzhou, Makanchi Array.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, and various station details. Includes stations like MKAR, CAUP, KURK, KSR5, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, and various station details. Includes stations like PALP, CAUP, PCPH, POLP, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, and various station details. Includes stations like BOSA, LVC, LBTB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Baotou, Krasnovarsk, Inuvik, Dawson, Eagle, Zakamensk, etc.

NIED 13 18:26:00, 4620N: 152.10E, h44km, Mw4.2 Best double couple: M2=26000x1015 N1=132.00000, s85.00000, ...

NEIC 13 18:26:28.1, 0.5, 4609N: 151.83E, h10km, mb4.3/10, Error ellipse: s-maj=14.4km s-min=8.4km az=133.0

JMA 13 18:26:29.6, 1.3, 4570N: 152.00E, h83km, 12km, mb4.9/2 SKHL 13 18:26:30.7, 0.9, 4588N: 007.15192E, 0.08, h48km, 7km, mb4.2/28, Error ellipse: s-maj=13.1km s-min=5.9km az=107.5

MOS 13 18:26:30.7, 1.7, 4602N: 151.89E, h47km, mb4.3/18, Error ellipse: s-maj=11.1km s-min=8.1km az=90.0

SZGRF 13 18:26:37.4, 4.696N: 152.04E, h33km, mb4.8, Kuril Islands, Russia

IDC 13 18:26:37.0, 3.7, 4612N: 151.71E, h84km, 33km, mb3.7/14, mb1.4/0.16, mb1mx3.9/23, mbtm3.7/16, MS3.1/2, Ms1.3/1.2, ms1mx2.6/45, Error ellipse: s-maj=17.7km s-min=14.5km az=140.0

ISC 13 18:26:32.4, 0.7, 4593N: 007.15196E, 0.08, h48km, 6km, n116, s140/133, mb4.2/28, 2C-6D, Kuril Islands

Main table of station data for the 13D 18h section, including codes, station names, and coordinates.

Main table of station data for the 2006 DEC section, including codes, station names, and coordinates.

ISCJB 13 18:32:05.4-4.1, 1.3N: 02.971E, 02, h39km, 31km, mb4.2/14, MS4.4/1, Error ellipse: s-maj=43.2km s-min=15.9km az=98.3

NEIC 13 18:32:05.8-0.7, 1.24N: 97.05E, h30km, mb4.0/1, Error ellipse: s-maj=15.1km s-min=11.1km az=49.0

ISC 13 18:32:08.1, 3.9, 13N: 02.972E, 02, h41km, 30km, n22, s095/21, mb4.2/14, MS4.4/1, Northern Sumatera

Table of station data for the ISCJB, NEIC, and ISC sections.

VIE 13 18:41:28.7, 0.5, 4445N: 127.2E, h8km, mb4.4/1, Error ellipse: s-maj=2.8km s-min=2.6km az=114.0 63 km NNE of San Marino

ROM 13 18:41:31.6, 1.0, 4459N: 130.5E, h10km, Md2.6/6, M1.9/3, Error ellipse: s-maj=12.3km s-min=6.4km az=40.0

CSEM 13 18:41:32.5, 0.3, 4450N: 129.2E, h20km, MLL2.9/3, Error ellipse: s-maj=7.7km s-min=5.2km az=124.0

ISCJB 13 18:41:33.0, 2.0, 4449N: 003.1285E, h10km, Error ellipse: s-maj=8.5km s-min=3.7km az=49.4

ISC 13 18:41:33.9, 0.6, 4444N: 004.1293E, 0.10, h8km, 11km, n12, s111/18, 2C, Northern Italy

Table of station data for the VIE, ROM, CSEM, and ISCJB sections.

IDC 13 18:44:53.8, 0.8, 5155N: 178.03W, h0km, mb4.0/7, mb1.4/4.8, mb1mx3.9/26, mbtm4.1/8, ML4.7/1, Error ellipse: s-maj=44.5km s-min=18.5km az=149.0

ISCJB 13 18:44:59.0, 0.9, 5181N: 02.1780W, 0.1, h51km, 9km, n23, s082/20, mb4.1/10, Andreonof Islands

NEIC 13 18:44:59.9, 5.141N: 177.87W, h20km, mb4.4/4, MLL3.7(AEIC), Error ellipse: s-maj=18.4km s-min=8.5km az=127.0

Main table of station data for the IDC, ISCJB, NEIC, and ISC sections.

IDC 13 18:32:01.0, 1.5, 119N: 96.95E, h0km, mb4.1/7, mb1.4/1.8, mb1mx3.8/23, mbtm4.0/8, MS3.6/2, Ms1.3/6.2, ms1mx2.9/38, Error ellipse: s-maj=42.8km s-min=19.8km az=55.0

BUI 13 18:32:01.5, 0.97N: 97.41E, h28km, mb4.5

MOS 13 18:58:00.8, 1.0, 2399S: 115.49W, h10km, mb5.1/6, MS5.0/4, Error ellipse: s-maj=20.2km s-min=11.6km az=82.4

IDC 13 18:58:00.3-0.6, 2406Sx11561W, h0km, mb4.3/16, mb1 4.5/16, mb1mx4.4/19, mbtmp4.3/16, MS4.7/24, MS1 4.7/24, ms1mx4.7/25, Error ellipse: s-maj=20.8km s-min=16.4km az=71.0

IS/CJB 13 18:58:00.3-4.0, 2406Sx11551W, 0.09, h11km, 24km, mb4.7/34, MS4.8/33, Error ellipse: s-maj=13.1km s-min=9.2km az=1.0

GCMT 13 18:58:01.7-0.1, 2425Sx11551W, h12km, MW5.4/97, Moment Tensor Solution, s74,c120; s9,c183; Duration: 1s2 Moment tensor: Scale 10¹⁷Nm; M=0.06±0.02; M_{xx}=0.84±0.02; M_{yy}=0.90±0.02; M_{zz}=0.33±0.05; M_{xy}=1.15±0.02; M_{xz}=0.36±0.06; Best double couple: M=1.52100x10¹⁷; NP1=0.700000; S73.00000; λ=7.00000°; NP2=0.163.00000; S83.00000; λ=163.00000°. Principal axes: T 1.4940, Plg7.0000°, Azm295.0000°; N 0.0540, Plg72.0000°, Azm185.0000°; P -1.5470, Plg17.0000°, Azm28.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 13 18:58:01.7-0.3, 2412Sx11551W, h10km, mb5.3/19, MS5.0/8 Error ellipse: s-maj=9.7km s-min=7.3km az=95.0

BUI 13 18:58:03.6, 2410Sx11550W, h10km, mb5.4, MS5.3, MS5.3

IS/C 13 18:58:03.1-4.5, 2414Sx11553W, 0.09, h17km, 27km, n10s, 069/470, mb4.7/34, MS4.8/33, 1C, Southern East Pacific Rise

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
RPN	Rapa Nui	6.33	119	Op	19 00 40.4	ISC
RPN	54nm, 0.3s, baz=295, slow=18, SNR=9.0				19 05 58.1	
RKT	Rikitea	17.85	269	eLQ	19 05 35.3	
RKT	880nm, 27.8s				19 02 11.2 +0.6	
RKT	11um, 26.5s, baz=108				19 06 13.7	
RKT	Rikitea	17.85	269	eP	19 02 11.2 +0.6	
RKT	12um, 27.2s				19 05 35.3	
TAOE	Nuku Hiva Isla	28.00	299	eS	19 08 40.9 +4.4	
TAOE	22um, 29.5s, baz=136				19 09 25.5 +1.4	
TBI	Tubuai	31.03	264	eS	19 09 25.5 +1.4	
TBI	615nm, 28.2s				19 11 08.6	
TBI	3um, 27.0s, baz=101				19 12 17.7	
PPT	Papeete	32.43	275	eLQ	19 11 52.1	
PPT	3um, 28.0s, baz=107				19 12 53.0	
PPT	Papeete	32.43	275	LR	19 14 23.9	
PLCA	Paso Flores	40.94	125	P	19 05 45.9 +1.3	
PLCA	7.0nm, 1.0s, mb4.3, baz=284, slow=10, SNR=7.0				19 18 29.4	
PLCA	Paso Flores	40.94	125	P	19 05 45.9 +1.3	
PLCA	comp=Z, 2.1nm, 1.1s				19 05 45.9 +1.2	
PLCA	Paso Flores	40.94	125	eP	19 05 45.9 +1.2	
PLCA	comp=Z, 2.1nm, 1.1s				19 18 29.4	
CFAA	Coronel Fontan	42.20	111	P	19 05 55.7 +0.7	
CFAA	comp=Z, 0.5nm, 0.9s, baz=129, slow=8.1, SNR=7.8				19 19 24.9	
LVC	Limon Verde	42.67	98	P	19 05 59.8 +1.0	
LVC	comp=Z, 3.7nm, 0.9s, mb4.1, baz=271, slow=6.2, SNR=4.3				19 05 60.0 +1.2	
LVC	Limon Verde	42.67	98	P	19 05 60.0 +1.2	
LVC	comp=Z, 4.6nm, 1.1s, mb4.9				19 18 29.4	
LVC	comp=Z, 2um, 20.0s, MS5.1				19 06 18.9 +1.4	
LPVZ	La Paz	54.99	99	P	19 20 28.3	
LPVZ	comp=Z, 7.3nm, 1.0s, mb4.5, baz=275, slow=5.4, SNR=23				19 20 28.3	
LPVZ	La Paz	54.99	99	P	19 20 28.3	
JTS	JuntasAbangare	45.42	45	eP	19 06 20.4 -0.4	
JTS	comp=Z, 1um, 21.6s, MS4.8, baz=249, slow=30				19 06 20.4 -0.4	
JTS	JuntasAbangare	45.42	45	eP	19 06 20.4 -0.4	
JTS	comp=Z, 1.93nm, 1.6s				19 21 24.0	
JTS	JuntasAbangare	45.42	45	eP	19 06 20.4 -0.4	
JTS	comp=Z, 1.93nm, 1.6s, mb5.5				19 21 24.0	
CMIG	Matias Romero	45.66	28	LR	19 21 24.0	
CMIG	comp=Z, 1um, 20.5s, MS4.8, baz=189, slow=31				19 21 34.7	
CMIG	Ushuaia	45.25	144	LR	19 21 34.7	
CMIG	comp=Z, 3um, 18.6s, MS5.2, baz=276, slow=30				19 21 57.6	
LPVZ	La Paz	48.22	6	LR	19 21 57.6	
LPVZ	comp=Z, 2um, 19.8s, MS5.0, baz=82, slow=30				19 06 53.5 +1.7	
ROSC	El Rosal	59.39	9	P	19 06 53.5 +1.7	
ROSC	comp=Z, 4.1nm, 0.3s, mb4.9, baz=90, slow=22, SNR=8.7				19 24 47.7	
ROSC	El Rosal	59.39	9	P	19 06 52.4 +0.6	
ROSC	comp=Z, 4.65nm, 18.7s, MS4.5, baz=39, slow=32				19 24 47.7	
ROSC	El Rosal	49.40	60	eP	19 24 47.7	
TEIG	Tepeh	51.47	33	LR	19 25 44.2	
TEIG	comp=Z, 2.69nm, 18.2s, MS4.8, baz=175, slow=32				19 24 14.0	
PMSA	Palmer Station	52.32	155	LR	19 24 14.0	
PMSA	comp=Z, 5.25nm, 18.7s, MS4.6, baz=302, slow=30				19 07 29.4 +0.5	
LTX	Lajitas	54.37	13	P	19 07 29.4 +0.5	
LTX	comp=Z, 9.0nm, 1.1s, mb4.6				19 07 29.4 +0.5	
LTX	Lajitas	54.37	13	eP	19 07 29.4 +0.5	
LTX	comp=Z, 9.1nm, 1.1s, mb4.6				19 07 29.4 +0.5	
LTX	Lajitas	54.37	13	LR	19 07 29.4 +0.5	
TXAR	Lajitas Array	54.37	13	P	19 07 29.4 +0.5	
TXAR	comp=Z, 1.1nm, 0.8s, mb3.8, baz=189, slow=15, SNR=7.4				19 26 45.5	
SDV	Santo Domingo	54.75	59	P	19 07 30.9 -0.8	
SDV	comp=Z, 3.7nm, 1.0s, mb5.4				19 07 30.9 -0.8	
JCT	Junction City	56.36	16	eP	19 07 42.6 -0.6	
JCT	comp=Z, 8.9nm, 1.4s, mb5.6				19 07 42.6 -0.6	
JCT	Junction City	56.36	16	eP	19 07 42.6 -0.6	
JCT	comp=Z, 8.9nm, 1.4s, mb5.6				19 07 53.1 +2.3	
PFO	Pinyon Flat Ob	57.43	359	P	19 07 53.1 +2.3	
PFO	comp=Z, 3.8nm, 0.7s, mb4.5, baz=190, slow=7.6, SNR=4.7				19 08 05.1 +0.6	
ANMO	Albuquerque	59.39	9	P	19 08 05.1 +0.6	
ANMO	comp=Z, 2.4nm, 0.8s, mb4.2, baz=199, slow=8.1, SNR=5.3				19 08 05.1 +0.6	
ANMO	Albuquerque	59.39	9	P	19 08 05.1 +0.6	
ANMO	comp=Z, 1um, 19.0s, MS5.0				19 08 05.7 +0.8	
WUAZ	Wupatki	59.46	4	eP	19 08 05.7 +0.8	
WUAZ	comp=Z, 4.1nm, 1.6s, mb5.2				19 08 18.4 +1.4	
MTUM	Tungsten Hills	61.23	357	P	19 08 18.4 +1.4	
MVCO	Mesa Verde	61.38	6	eP	19 08 17.4 -0.7	
MVCO	comp=Z, 0.9nm, 0.6s, mb4.9, baz=199, slow=14, SNR=8.3				19 08 22.1 -0.2	
CMB	Columbia Colle	62.01	356	eP	19 08 22.1 -0.2	
CMB	comp=Z, 5.3nm, 1.7s, mb5.4				19 08 22.1 -0.2	
CMB	Columbia Colle	62.01	356	eP	19 08 22.1 -0.2	
CMB	comp=Z, 5.3nm, 1.7s, mb5.4				19 08 23.8 +0.4	
TRCO	Troy Canyon	62.15	360	P	19 08 23.8 +0.4	
SDRC	Great Sand Dun	62.27	9	eP	19 08 23.8 +0.2	
SDRC	comp=Z, 3.8nm, 1.5s, mb5.3				19 08 25.7 +0.2	
SDCO	Paradox Valley	62.28	6	eP	19 08 25.7 +0.2	
SDCO	comp=Z, 1um, 20.0s, MS5.1				19 08 25.6 +0.7	
MSU	Marysvalle	62.40	3	eP	19 08 25.6 +0.7	
MSU	comp=Z, 3.6nm, 0.9s, mb4.5, baz=193, slow=7.7, SNR=18				19 08 29.1 -0.4	
SRU	San Rafael	63.09	4	eP	19 08 29.1 -0.4	
SRU	comp=Z, 1.2nm, 1.0s, mb5.0				19 08 29.1 -0.5	
SRU	San Rafael	63.09	4	eP	19 08 29.1 -0.5	
SRU	comp=Z, 1.2nm, 1.0s, mb5.0				19 08 35.2 -0.7	
DUG	Dugway	64.05	2	eP	19 08 35.2 -0.7	
DUG	comp=Z, 2.2nm, 1.2s, mb5.1				19 08 35.2 -0.7	

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
DUG	Dugway	64.05	2	eP	19 08 35.2 -0.7	
DUG	comp=Z, 2.2nm, 1.2s, mb5.1				19 08 37.7 +0.3	
ISCO	Idaho Springs	64.27	8	eP	19 08 37.7 +0.3	
ISCO	comp=Z, 2.8nm, 1.0s, mb4.7				19 08 37.7 +0.3	
ISCO	Idaho Springs	64.27	8	MLR	19 08 37.7 +0.3	
ISCO	comp=Z, 1um, 19.0s, MS5.1				19 08 37.5 -0.3	
ISCO	Idaho Springs	64.27	8	MLR	19 08 37.5 -0.3	
ISCO	comp=Z, 2.8nm, 1.0s, mb4.7				19 08 39.6 +0.7	
DAU	Daniels Canyon	64.34	4	eP	19 08 39.6 +0.7	
JLU	Jordanelle	64.52	3	eP	19 08 40.1 -0.4	
BDU	Big Grassy Mtn	64.77	2	eP	19 08 40.1 -0.4	
VNGU	Vanoli	64.01	194	P	19 08 43.0 +0.8	
VNGU	comp=Z, 1.1nm, 1.0s, mb3.9, baz=56, slow=3.6, SNR=3.0				19 08 42.7	
VNDA	comp=Z, 841nm, 19.2s, MS5.0, baz=86, slow=30				19 08 44.2 -0.2	
KSU1	South Pole Pk	66.02	180	eP	19 08 44.2 -0.2	
QSPA	comp=Z, 8.2nm, 0.2s, mb5.4				19 08 48.5 -0.2	
BW06	Boulder Array	66.79	5	eP	19 08 51.2 -2.4	
BW06	comp=Z, 1.0nm, 1.1s, mb4.8				19 08 52.5 -1.2	
PDAR	Pinedale Array	66.79	5	P	19 08 52.5 -1.2	
PDAR	comp=Z, 1.7nm, 0.7s, mb4.2, baz=183, slow=5.9, SNR=11				19 32 46.8	
PDAR	Pinedale Array	66.79	5	P	19 32 46.8	
HLID	Hailey	67.37	1	eP	19 08 58.2 +0.9	
HLID	comp=Z, 2.06nm, 19.7s, MS4.6, baz=111, slow=31				19 08 58.2 +0.9	
HLID	Hailey	67.37	1	eP	19 08 58.2 +0.9	
HLID	comp=Z, 2.7nm, 1.2s, mb5.2				19 08 58.4 -0.9	
MOOV	Moose Ponds	67.69	4	eP	19 08 58.4 -0.9	
MOOV	comp=Z, 4nm, 1.1s, mb4.4				19 09 04.8 -1.0	
QLMT	Earthquake Lak	68.73	3	P	19 09 04.8 -1.0	
CHMT	Chamberlain Mo	70.74	2	eP	19 09 17.6 -0.6	
DZM	Mont Dzumac	70.77	254	LR	19 09 17.6 -0.6	
DZM	comp=Z, 3.29nm, 20.4s, MS4.6, baz=130, slow=29				19 09 20.2 +0.4	
LAO	LASA Array	70.99	7	P	19 09 20.2 +0.4	
EGMT	Eagleton	72.01	4	eP	19 09 26.4 +0.5	
EGMT	comp=Z, 7.2nm, 1.5s, mb5.4				19 09 26.4 +0.5	
VNA3	Neumayer Olymp	72.30	161	e	19 09 32.5 -0.7	
VNA3	comp=Z, 2.7nm, 1.1s, mb4.4				19 09 36.3	
VNA3	Neumayer Olymp	72.30	161	e	19 09 36.3	
VNA3	comp=Z, 2.7nm, 1.1s, mb4.4				19 09 41.9	
VNA3	Neumayer Olymp	72.30	161	e	19 09 41.9	
VNA3	comp=Z, 2.7nm, 1.1s, mb4.4				19 09 50.6	
VNA3	Neumayer Olymp	72.30	161	e	19 09 50.6	
VNA1	Neumayer-Stat	72.96	161	e	19 09 30.0 -1.6	
VNA1	comp=Z, 2.7nm, 1.1s, mb4.4				19 09 31.6 -0.9	
VNA2	Neumayer-Watz	73.11	161	e	19 09 31.6 -0.9	
VNA2	comp=Z, 2.7nm, 1.1s, mb4.4				19 09 37.6 -0.4	
VNA2	Neumayer-Watz	73.11	161	e	19 09 37.6 -0.4	
VNA2	comp=Z, 2.7nm, 1.1s, mb4.4				19 09 41.4	
VNA2	Neumayer-Watz	73.11	161	e	19 09 46.5	
VNA2	comp=Z, 2.7nm, 1.1s, mb4.4				19 09 54.6	
DRV	Dumont d'Urville	73.62</				

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NVLI, RHKG, RGNQ, BARI, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SDRR, SRKR, KBRTR, CSEM, etc.

14d 1h

2002 DEC

IDC 13 23:13:59.4.4.6, 3019S, 177.44W, h36km, 30km, mb4.1/4, mb1 4.3/5, mb1mx3.6/14, mbtmp4.1/5, ML3.7/1, MS3.2/1, Ms1 3.2/1, ms1mx2.6/16, Error ellipse: s-maj=38.2km s-min=22.3km az=112.0

NEIC 13 23:13:59.3.1.7, 3017S, 177.43W, h39km, 12km, mb4.4/3, Error ellipse: s-maj=22.0km s-min=12.6km az=99.0

ISC 13 23:13:59.6.1.2, 3017S, 007.1775W, h2, h35km, n23, o675/16, mb4.3/5, Kermadec Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, Urewera, Warramunga Arr, etc.

IDC 13 23:55:33.7.3.6, 4837S, 11513E, h0km, mb3.4/2, mb1 3.7/2, mb1mx3.5/13, mbtmp3.4/2, MS3.3/1, Ms1 3.2/1, ms1mx2.9/8, Error ellipse: s-maj=424.9km s-min=67.0km az=123.0, Western Indian-Antarctic Ridge

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

ISC/JB 14 00:00:06.8.1.2, 1095N, 006.6217W, h0.04, h88km, 11km, Error ellipse: s-maj=10.3km s-min=5.8km az=169.0

NEIC 14 00:00:07.3, 1095N, 0205W, h99km, h2M, D2.9(ATR), After TRN

TRN 14 00:00:07.3, 1095N, 0205W, h99km, MD2.9 FUNV 14 00:00:07.7, 1094N, 0224W, h75km, MW3.0

ISC 14 00:00:07.4.1.1, 1095N, 006.6217W, h0.04, h86km, 11km, n10, o683/19, 1C, Near coast of Venezuela

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GUIV Guiria, WRA Warramunga Arr, YKA Yellowknife Arr, etc.

UPP 14 00:16:36.3, 6783N, 2021E, h1km, ML3.4, Mining explosion.

CSEM 14 00:16:36.3, 6783N, 2021E, h1km, ML3.4, Mining explosion. After UPP, Sweden

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like NIKU Nikkaloa, LANU Lannavaara, DUNU Dundred, etc.

UPP 14 00:16:58.1, 6783N, 2021E, h6km, ML2.8, Mining explosion.

CSEM 14 00:16:58.1, 6783N, 2021E, h6km, ML2.8, Mining explosion. After UPP

HEL 14 00:16:58.6, 0.0, 6783N, 2021E, h0km, ML1.8, ML2.8(UPP), Explosion, Sweden

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KUA Kuravaara, NIKU Nikkaloa, SALU Salltoa, etc.

IDC 14 00:51:14.3.6.3, 1924S, 17732W, h0km, mb3.7/2, mb1 3.9/2, mb1mx3.6/13, mbtmp3.7/2, Error ellipse: s-maj=296.9km s-min=63.3km az=148.0, Fiji Islands region

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

AKASG Malin Array Be 142.21 332 PKP PKPdf 01 10 46.2 -2.4 1.3nm, 0.4s, baz=42, slow=4.0, SNR=7.3

BRTR Earthquake Lab 146.44 314 PKPbc PKPbc 01 10 57.5 +0.2 0.3nm, 0.6s, baz=151, slow=2.9, SNR=2.7

ISC/JB 14 01:03:08.9.3.8, 2189N, 005.14312E, h0.09, h6km, 23km, mb4.4/31, MS3.4/4, Error ellipse: s-maj=14.0km s-min=7.9km az=170.2

IDC 14 01:03:09.5.0.6, 2187N, 143.19E, h0km, mb4.2/15, mb1 4.4/17, mb1mx4.3/23, mbtmp4.2/17, ML3.9/2, MS3.3/7, Ms1 3.3/7, ms1mx3.1/26, Error ellipse: s-maj=22.4km s-min=13.3km az=88.0

MOS 14 01:03:12.4.0.9, 2192N, 143.24E, h33km, mb4.8/11, Error ellipse: s-maj=17.2km s-min=8.2km az=112.7

BUJ 14 01:03:13.1.1, 2212N, 143.44E, h32km, mb5.2, mb4.7 NEIC 14 01:03:14.7.0.3, 2190N, 143.19E, h35km, mb4.6/13, Error ellipse: s-maj=9.4km s-min=4.3km az=82.0

ISC 14 01:03:09.8.4.2, 2189N, 005.14317E, h0.09, h0km, 26km, n69, o694/65, mb4.5/31, MS3.4/4, D, Mariana Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CBIJ Chichi jima, CBJU, GUMO Guam, MJAR Matsushiro Arr, MAJO Matsushiro, etc.

IDC 14 01:03:50.0, 1187S, 7742W, h65km, mb3.5/1, After LLM, Near coast of Peru

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like LZH Lanzhou, ULN Ulanbaatar, SONG Songino Arr, etc.

CM31 Chiang Mai Arr 41.55 273 P 01 10 59.1 +0.1

CTA Charters Tower 41.83 176 P 01 10 59.9 -1.4

CTAO Charters Tower 41.83 176 eP 01 11 00.8 -0.4

ZAK Zakamensk 42.19 322 iP 01 11 04.7 +0.5

WBR Warramunga Arr 42.46 192 eP 01 11 06.3 -0.1

WRA Warramunga Arr 42.46 192 P 01 11 06.5 +0.2

TLY Talaya 42.60 324 P 01 11 07.1 -0.5

TLY Talaya 42.60 324 P 01 11 07.1 -0.4

FITZ Fitzroy Crossi 42.93 205 P 01 11 13.4 +0.3

ASAR Alice Springs 46.17 192 P 01 11 36.4 +0.3

PSI Prapa 46.95 252 P 01 11 44.3 +2.0

LPS Lhasa 47.16 291 eP 01 11 44.0 +0.1

WMQ Urumqi 50.45 309 P 01 12 10.8 +1.6

STKA Stephens Creek 53.48 182 P 01 12 30.6 -1.1

STKA Stephens Creek 53.48 182 P 01 12 31.2 -0.5

ZAL Zalesovo 54.07 322 P 01 12 35.5 -0.5

MK31 Makanchi Array 54.56 313 eP 01 12 39.5 -0.1

MKAR Makanchi Array 54.56 313 P 01 12 40.2 +0.6

NVS Novosibirsk 55.15 322 iP 01 12 43.1 -0.8

KURK Kurchatov 57.33 317 eP 01 12 59.5 0.0

AAK Ala-Archa 60.4 307 eP 01 13 17.9 -0.5

MCK McKinley 60.83 28 eP 01 13 23.5 -0.2

CHKZ Chkalovo 62.38 320 eP 01 13 33.6 -0.6

CHKZ Chkalovo 62.38 320 eP 01 13 33.6 -0.6

BRVK Borovoye 62.59 319 eP 01 13 35.9 +0.3

BRVK Borovoye 62.59 319 eP 01 13 35.9 +0.3

INK Inuvik 67.40 24 eP 01 14 06.7 -0.2

ARU Arti 69.11 324 eP 01 14 16.1 -1.5

YKA Yellowknife Arr 76.29 28 P 01 15 00.1 -0.2

RES Resolute Bay 76.89 13 P 01 15 03.6 -0.2

OBNS Obninsk 81.32 326 P 01 15 26.9 -1.1

KIV Kislovodsk 82.28 314 eP 01 15 33.1 0.0

FINES FINESS Array B 83.01 334 P 01 15 35.5 -1.4

NVAR Mina Array Bea 83.03 51 P 01 15 38.5 +1.6

QLMT Earthquake Lab 85.13 44 eP 01 15 48.6 +0.9

PDAR Pinedale Arr 87.27 45 eP 01 15 59.1 +0.9

AKASG Malin Array Be 87.35 324 P 01 15 55.7 -2.9

AKASG Malin Array Be 87.35 324 P 01 15 55.7 -2.9

PV10 Paradox Valley 89.65 48 eP 01 16 10.5 +1.0

BRTR Earthquake Lab 90.20 313 P 01 16 11.2 -0.9

LPAZ La Paz 149.93 85 PKPbc PKPbc 01 23 02.1 +0.1

ATH 14 01:11:46.9, 3901N, 2606E, h21km, g8km, MD3.2/5

NEIC 14 01:11:46.9, 3901N, 2606E, h21km, MD3.2(ATH), After ATH

CSEM 14 01:11:47.2, 0.1, 3902N, 2604E, h15km, MD3.2, Error ellipse: s-maj=3.8km s-min=2.6km az=71.0

ISC/JB 14 01:11:48.3, 0.8, 3904N, 003.2604E, h19km, 6km, Error ellipse: s-maj=8.4km s-min=4.8km az=153.6

ISK 14 01:11:48.9, 3906N, 2624E, h9km, MD3.1

ISC 14 01:11:49.0, 3902N, 003.2604E, h12km, 4km, n15, o679/24, 1C, Turkey

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PRK Paraskevi, AYA Ayalik, URLA Izmir, etc.

NEIC 14 01:38:54.0, 1187S, 7742W, h65km, mb3.5/1, After LLM, Near coast of Peru

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like NNA Nana, LPAZ La Paz, OTAV Otavalo, etc.

LDG 14 01:48:58.9, 0.1, 4230N, 200E, h10km, Md2.5/1, Ml2.3/9, Error ellipse: s-maj=1.0km s-min=0.9km az=4.0

STR 14 01:48:59.9, 0.3, 4229N, 19E, h5km, Ml1.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

CSEM 14 01:48:59.1, 0.1, 4231N, 200E, h5km, ML2.1/1, Error ellipse: s-maj=1.8km s-min=1.2km az=144.0

MDD 14 01:48:59.5, 0.2, 4229N, 19E, h0km, mBlg1.8/20, Error ellipse: s-maj=2.0km s-min=1.4km az=139.0, PRXIMO, Pyrenees

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like VALF Valcebollere, VLF Valcebollere, CBRU Bruguera, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like V05C Boulder Hill, S08C White Mtn Res, R09A Tonopah, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like PFO Pinyon Flat Ob, BELC Belle Mtn, 109C Camp Elliot, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like VOIR Moxa, MOX Moxa, ZST Bratislava, etc.

Table of station data for the left column, including call signs like CABF, CABC, MMAIL, SSF, etc., and their associated coordinates and frequencies.

Table of station data for the middle column, including call signs like LPAZ, SYO, PLCA, etc., and their associated coordinates and frequencies.

Table of station data for the right column, including call signs like POHA, PDAR, AML, etc., and their associated coordinates and frequencies.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GZR, BGS, SZG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA, YKA, FINES, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TSUJ, JIE, SHZ3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PRU, OKC, KJC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PRU, OKC, KJC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GRAL, FKH, HWQ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OJC, OKC, NIE, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM, URZ, WRA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KMB, BOS, ZAL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AFI, STKA, WRA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM, CTA, STKA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSR, YKA, BVAR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KARS, TVAN, ERZM, EZM, VAN, HARI, etc.

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SOMM, SOMM, SOMM, INMA2, MCK, etc.

NIED 14 13:59:00, 4660N, 15330E, h29km, Mw4.5 Best double couple: M7.03000x1015 NP1.9x289.00000; 884.00000, lambda=57.00000; NP2.0x28.00000; 833.00000, lambda=169.00000.

IDC 14 13:59:37.8-0.6, 4674N, 15282E, h0km, mb4.4/18, mb1.4, 6/19, mb1mx4.5/24, mbtmp4.4/19, ML3.6/1, MS4.0/15, MS1.4/0/15, ms1mx3.8/26, Error ellipse: s-maj=18.0km s-min=15.0km az=164.0

SZGRF 14 13:59:37.3, 4592N, 15495E, h33km, mb4.8, East of Kuril Islands, Russia

BJI 14 13:59:38.6, 4699N, 15294E, h9km, mb4.9, mb4.5, Ms3.9, Ms3.6

NEIC 14 13:59:39.0-0.3, 4673N, 15287E, h10km, mb4.6/20, Error ellipse: s-maj=9.7km s-min=5.8km az=158.0

SKHL 14 13:59:40.9-0.6, 4660N, 15330E, h51km, 19km, mb5.4/2, ms3.9/1

ISCJB 14 13:59:41.9-0.8, 4660N, 15294E, 0.06, h39km, 7km, mb4.5/1, MS4.0/18, Error ellipse: s-maj=10.5km s-min=5.0km az=130.7

JMA 14 13:59:41.3-0.9, 4661N, 15326E, h30km, Ms5.2

MOS 14 13:59:42.4-1.1, 4670N, 15285E, h41km, mb4.7/28, Error ellipse: s-maj=10.3km s-min=7.4km az=90.3

ISC 14 13:59:44.5-0.7, 4671N, 15280E, 0.06, h45km, 6km, h11km, 14.1km, pP-P, n169, c126/189, mb4.5/1, MS4.0/18, 8C-4D, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KUR, KUR, KUR, KUR, KUR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MAJO, MAJO, MAJO, MAJO, MAJO, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like LSA, LSA, LSA, LSA, LSA, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like SCHEFFERVILLE, CORONEL FONTAN, YKAWHITE AR, etc.

ISCJB 14 15:24:56.4.1.1, 137S:0.1, 1115W:0.2, h10km, mb3.8/8, MS3.8/9, Error ellipse: s-maj=32.9km s-min=17.2km az=143.5

NEIC 14 15:24:58.4.1.3, 1368S:111.24W, h10km, mb4.5/2, Error ellipse: s-maj=40.4km s-min=19.9km az=74.0

ISC 14 15:24:58.0.1.1, 137S:0.1, 1116W:0.2, h10km, n21, r140/12, mb3.8/8, MS3.8/9, Central East Pacific Rise

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like CMIG, JTS, LPAZ, STKA, etc.

IDC 14 15:33:28.7.9.7, 1387N:91.48W, h66km, mb3.3/3, mb1.3/8.5, mb1mx3.5/18, mbtmp3.4/5, ML4.4/2, Error ellipse: s-maj=112.2km s-min=42.0km az=175.0

ISCJB 14 15:33:31.3.0.7, 1429N:006.9159W:0.06, h68km, 7km, mb4.0/4, Error ellipse: s-maj=11.7km s-min=8.5km az=68.2

NEIC 14 15:33:33.5.1.2, 1430N:91.62W, h74km, 17km, mb4.3/2, Error ellipse: s-maj=18.7km s-min=12.3km az=53.0

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like JAT, FUG, TER, etc.

IDC 14 15:40:34.2.1.0, 963S:119.56E, h0km, mb4.1/4, mb1.4.1/7, mb1mx3.8/17, mbtmp3.0/7, ML3.5/3, MS3.3/3, Ms1.3.2/3, ms1mx2.8/29, Error ellipse: s-maj=55.4km s-min=18.2km az=66.0

NEIC 14 15:40:37.7.0.6, 1004S:119.16E, h35km, mb4.4/4, Error ellipse: s-maj=27.2km s-min=10.1km az=55.0

ISCJB 14 15:40:38.9.2.9, 1023S:0.10, 1191E:0.2, h76km, 30km, mb4.4/10, Error ellipse: s-maj=32.1km s-min=12.1km az=138.8

ISC 14 15:40:41.4.1.6, 103S:0.1, 1191E:0.1, h79km, 17km, n24, c089/28, mb4.4/10, 1D, Sumba region

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

MOS 14 16:00:13.5.2.0, 5275N:107.31E, h7km, mb4.4/1, Error ellipse: s-maj=15.2km s-min=9.2km az=57.0

BYKL 14 16:00:13.1.0.2, 5280N:107.36E, h15km, 3km, 8C-1D, Lake Baykal region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like ZRHB, TRTB, TRG, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like IRK, IRKUTSK, IRK, etc.

Table with columns: TUP, Tupik, 7.67 73 eSg, Sn, 16.04 10.5 +40. Includes station name 'comp=N,87nm,1.0s'.

WEL 14 16:22:56.2±0.1,3923S,17508E,h130km,1km,ML3.6/16, Error ellipse: s-maj=1.2km s-min=1.0km az=0.0, North Island

Main station list table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like Pokaka, Vera Road, Mangateitei, Whakapapa, etc.

IDC 14 16:30:10.1±0.6,4748N:15524E,h0km,mb4.3/23, mb1.4.5/24,mb1mx4.4/29,mbtmp4.3/24,ML4.0/1,MS3.2/2, Ms1.3/2,ms1mx2.8/30, Error ellipse: s-maj=16.8km s-min=13.6km az=147.0

BUI 14 16:30:10.2,4771N:15531E,h14km,mb4.6,mb4.6,Ms4.3, Ms4.0

ISCJB 14 16:30:11.0±0.4,4749N:006:15527E,0.07,h19km, mb4.5/59,MS3.8/6, Error ellipse: s-maj=10.0km s-min=5.2km az=125.7

NEIC 14 16:30:11.7±0.4,4756N:15522E,h10km,mb4.7/18, Error ellipse: s-maj=11.0km s-min=7.6km az=158.0

MOS 14 16:30:15.1±1.6,4746N:15504E,h52km,mb4.7/32, Error ellipse: s-maj=9.9km s-min=7.8km az=96.5

ISC 14 16:30:13.4±0.4,4754N:006:15527E,0.07,h20km, h20km,3.1km:p:P,n121,0192/127,mb4.5/59,MS3.8/6, 2C-1E, East of Kuril Islands

Main station list table for the second section with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like Severo-Kuril's, Kuril'sk, Yuzh-Kuril'sk, etc.

Main station list table for the third section with columns: COLA, College, 34.60 39 eP, P, 16.37 00.1 -0.7. Includes stations like Inuvik, Chengdu, GYIA, etc.

Main station list table for the fourth section with columns: ULM, Lac du Bonnet, 64.96 42 P, P, 16.40 51.2 -0.3. Includes stations like ULM, PV10, NB2, etc.

ISCJB 14 17:11:14.3±0.5,3934N:003:2363E,0.03,h11km,6km, Error ellipse: s-maj=5.6km s-min=4.5km az=169.1

CSEM 14 17:11:14.9±0.1,3932N:2362E,h8km,ML3.0, Error ellipse: s-maj=3.4km s-min=2.9km az=169.0

THE 14 17:11:14.9,3933N:2362E,h6km,ML3.0

NEIC 14 17:11:15.1,3933N:2354E,h7km,MD3.1(ATH), After ATH

ATH 14 17:11:15.1,3933N:2354E,h7km,MD3.1/5

ISC 14 17:11:14.7±0.5,3931N:003:2363E,0.04,h16km,5km,n14, 05/20/21, Aegean Sea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like AOS, XOR, LKR, etc.

ISCJB 14 17:16:03.9±0.7,4386N:006:10526W,0.09,h0km, Error ellipse: s-maj=7.0km s-min=7.0km az=63.7

NEIC 14 17:16:05.2±0.6,4386N:10528W,h0km,ML3.2, Error ellipse: s-maj=9.4km s-min=6.9km az=129.0, Suspected Mining explosion

NEIC 50 km [30 miles] SSE of Gillette, IDC 14 17:16:09.1±1.1,4439N:10578W,h0km,mb1.3.5/3, mb1mx3.3/22,mbtmp3.2/3,ML3.1/2, Error ellipse: s-maj=28.4km s-min=8.9km az=146.0

ISC 14 17:16:05.0±0.7,4388N:005:10522W,0.09,h0km,n21, 0192/24, Wyoming

Main station list table for the fifth section with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s ISC. Includes stations like RSSD, RWVY, LAO, etc.

2006 DEC

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DAU Daniels Canyon, HANSEL Valley, PARADOX Valley, etc.

ISCJB 14 17:23:03.8-0.3, 42775.004z, 14353E-006, h10km, mb4.9/23, MS3.9/14, Error ellipse: s-maj=5.9km s-min=5.5km az=12.3

IDC 14 17:23:04.0-0.6, 42775.14347E, h0km, mb4.4/12, mb1 4.5/13, mb1mx4.5/15, mbtmp4.4/13, ML5.1/1, MS3.9/13, Ms1 3.9/13, ms1mx3.7/23, Error ellipse: s-maj=24.5km s-min=16.0km az=76.0

NEIC 14 17:23:05.6-0.2, 42795.14344E, h10km, mb4.8/5, ML4.4(AUST), Error ellipse: s-maj=5.7km s-min=4.7km az=98.0

AUST 14 17:23:05.7, 42795.14356E, h27km, ML4.4, SZGRF 14 17:23:11.3, 39125S, 14510E, h33km, Bass Strait, Australia

ISC 14 17:23:05.3-0.3, 42835.001z, 14348E-006, h10km, (h16km, 4.3km; pP-P), n174, o091/98, mb4.9/23, MS3.9/14, 42C-6D, Tasmania region

Main table of station data for the 2006 DEC period, including station names like Tasmania Unive, Toolangi, Mount Arapiles, etc.

Continuation of station data table, including stations like ASAR Alice Springs, ROKY Rocky Gully, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like HNR Honiara, MAW Mawson, etc.

ISCJB 14 17:23:03.8-0.3, 42775.004z, 14353E-006, h10km, mb4.9/23, MS3.9/14, Error ellipse: s-maj=5.9km s-min=5.5km az=12.3

IDC 14 17:23:04.0-0.6, 42775.14347E, h0km, mb4.4/12, mb1 4.5/13, mb1mx4.5/15, mbtmp4.4/13, ML5.1/1, MS3.9/13, Ms1 3.9/13, ms1mx3.7/23, Error ellipse: s-maj=24.5km s-min=16.0km az=76.0

NEIC 14 17:23:05.6-0.2, 42795.14344E, h10km, mb4.8/5, ML4.4(AUST), Error ellipse: s-maj=5.7km s-min=4.7km az=98.0

AUST 14 17:23:05.7, 42795.14356E, h27km, ML4.4, SZGRF 14 17:23:11.3, 39125S, 14510E, h33km, Bass Strait, Australia

ISC 14 17:23:05.3-0.3, 42835.001z, 14348E-006, h10km, (h16km, 4.3km; pP-P), n174, o091/98, mb4.9/23, MS3.9/14, 42C-6D, Tasmania region

Main table of station data for the 2006 DEC period, including station names like Honiara, Mawson, etc.

Continuation of station data table, including stations like Honiara, Mawson, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GECZ GERESS Array B, etc.

ISCJB 14 17:31:15.1-1.0, 608N-007, 12593E-009, h114km, 7km, mb3.8/6, Error ellipse: s-maj=15.3km s-min=12.1km az=14.7

MAN 14 17:31:15.3, 614N, 12610E, h114km, mb4.4, ML5.2, MS2.2, NEIC 14 17:31:16.3, 6.1, 2, 618N-12615E, h108km, 11km, mb4.2/3, Error ellipse: s-maj=62.4km s-min=11.2km az=69.0

IDC 14 17:31:21.8, 19.0, 594N, 12585E, h154km, 187km, mb3.5/5, mb1 3.7/5, mb1mx3.3/20, mbtmp3.5/5, Error ellipse: s-maj=126.2km s-min=24.4km az=59.0

ISC 14 17:31:16.4-0.6, 608N-007, 12593E-009, h105km, 7km, n174, o055/17, mb3.8/6, 2D, Mindanao

Main table of station data for the 2006 DEC period, including station names like GERESS Array B, etc.

Continuation of station data table, including station names like GERESS Array B, etc.

ISCJB 14 17:50:33.4.1.8, 4626N:008.15449E:007, h6km, 11km, mb4/48, MS3.5/7, Error ellipse: s-maj=14.3km, s-min=6.0km az=132.7

NEIC 14 17:50:35.3.0.4, 4622N:154.40E, h10km, mb4.6/16, Error ellipse: s-maj=10.2km s-min=6.1km az=159.0

BJI 14 17:50:37.5, 4634N:154.05E, h7km, mb4.7, mb4.3, Ms4.3, Ms3.8

IDC 14 17:50:38.6.2, 4616N:154.44E, h33km, 47km, mb3.9/19, mb1.4, 1/21, mb1mx4.1/26, mbmp3.9/21, ML3.8/2, MS3.2/5, Ms1.3/3.5, ms1mx3.0/35, Error ellipse: s-maj=18.7km s-min=13.7km az=149.0

MOS 14 17:50:38.8.1.1, 4622N:154.27E, h49km, mb4.5/22, Error ellipse: s-maj=10.6km s-min=8.6km az=94.6

ISC 14 17:50:37.7.1.8, 4631N:008.15447E:007, h22km, 12km, h12km, 2.5km, P-P, n107, c1, 11/107, mb4.4/48, MS3.5/7, East of Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their parameters.

Main table of seismic events with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists numerous seismic events with their station data.

Table of seismic events for 1403 18h with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists events with station data.

IDC 14 18:38:38.6.1.1, 462S:10224E, h0km, mb4.4/10, mb1.4/5/10, mb1mx4.2/20, mbtmp4.4/10, Error ellipse: s-maj=44.9km s-min=15.3km az=52.0

ISCJB 14 18:38:41.8.0.5, 468S:008.10226E:010, h35km, mb4.4/18, Error ellipse: s-maj=15.6km s-min=8.5km az=109.3

NEIC 14 18:38:42.1.5.0, 460S:10227E, h23km, 37km, mb4.3/6, Error ellipse: s-maj=16.6km s-min=7.4km az=224.0

ISC 14 18:38:44.2.0.5, 464S:008.1228E:010, h35km, n27, c062/25, mb4.4/18, Southern Sumatra

Table of seismic events for 1403 18h with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists events with station data.

s-min=14.4km az=59.0
 NEIC 14 18:46:38.9,0.4,821S,12167E,h10km,mb4.6/11, Error ellipse: *s-maj=15.5km s-min=7.7km az=58.0*
 BUJ 14 18:46:38.8,820S,12170E,h10km,mb5.1,mb4.6
 MOS 14 18:46:40.6,1.9,828S,12182E,h33km,mb4.6/10, Error ellipse: *s-maj=19.4km s-min=8.8km az=118.9*
 ISC 14 18:46:39.0,0.3,831S,12181E,h006,h10km, (h18km,3.1km;p-P,P),n72,e1544/73,mb4.7/31,MS3.9/12, 2C, Flores region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
WSI	Waingapu	2.01	228°	Op	Pn	18 47 12.5	-0.6
PCI	Palu	5.0	6.6	P	Pn	18 48 36.2	+6.2
KMMI	Kailiang	7.87	279°	P	Pn	18 48 33.2	-0.3
FITZ	Fitzroy Crossi	10.43	159°	eP	P	18 49 09.0	+0.4
FITZ	Fitzroy Crossi	10.43	159°	eS	Sn	18 51 03.2	-2.2
FITZ	Fitzroy Crossi	10.43	159°	Pn	Pn	18 49 10.1	+1.5
FITZ	Fitzroy Crossi	10.43	159°	Op	Sn	18 51 04.0	-1.4
FITZ	Fitzroy Crossi	10.43	159°	Op	Sn	18 51 04.2	-1.4
KAKA	Kakadu	11.33	114°	eP	Pn	18 49 22.6	+1.6
KAKA	Kakadu	11.33	114°	eS	Sn	18 51 24.5	-3.2
BJII	Banjamegara	12.03	274°	P	Pn	18 49 33.1	+2.7
WRA	Warramunga Arr	16.76	135°	Pn	Pn	18 50 31.5	-2.4
WRA	Warramunga Arr	16.76	135°	P	Sn	18 53 30.3	-10
WRA	Warramunga Arr	16.76	135°	Op	LR	18 58 22.9	-
WRA	Warramunga Arr	16.76	135°	Op	LR	18 50 31.5	-2.4
WRA	Warramunga Arr	16.76	135°	Op	LR	18 50 30.3	-
WRA	Warramunga Arr	16.76	135°	Op	LR	18 53 26.2	-1.8
WRA	Warramunga Arr	16.76	135°	Op	LR	18 51 04.4	+0.8
ASAR	Alice Springs	19.17	144°	P	Sn	18 54 30.2	-8.2
ASAR	Alice Springs	19.17	144°	P	Sn	18 51 47.3	+2.2
FORT	Forrest	23.11	166°	eP	P	18 51 47.3	+2.2
KLBR	Kellerberrin	24.17	192°	eP	P	18 51 49.5	+0.6
MUN	Mundaring	24.12	192°	eP	P	18 51 55.1	+0.1
NWAO	Narogin (SRO)	24.86	189°	P	LR	18 52 03.1	+1.4
NWAO	Narogin (SRO)	24.86	189°	Op	LR	19 02 20.1	-
KULM	Kulim	25.05	302°	eP	P	18 52 01.7	-1.7
PMG	Port Moresby	25.07	94°	P	LR	18 52 05.9	+2.3
PMG	Port Moresby	25.07	94°	Op	LR	19 04 21.5	-
PSI	Prapat	25.35	295°	P	P	18 52 06.7	+0.5
PSI	Prapat	25.35	295°	Op	LR	19 02 46.5	-
CTA	Charters Tower	26.39	119°	eP	P	18 52 18.4	+2.8
CTA	Charters Tower	26.39	119°	Op	LR	19 03 39.0	-
CTA	Charters Tower	26.39	119°	Op	LR	18 52 18.4	+2.8
CTA	Charters Tower	26.39	119°	Op	LR	18 52 18.4	+2.8
STKA	Stevens Creek	29.81	145°	eP	P	18 52 47.5	+1.4
STKA	Stevens Creek	29.81	145°	Op	LR	18 52 47.0	+0.8
STKA	Stevens Creek	29.81	145°	Op	LR	19 06 07.9	-
GUMO	Guam	31.58	47°	Op	LR	19 03 59.2	-
CHTO	Chiang Mai	35.14	320°	eP	P	18 53 33.5	+0.7
CHTO	Chiang Mai	35.14	320°	Op	LR	18 53 33.5	+0.7
CHTO	Chiang Mai	35.14	320°	Op	LR	18 53 33.5	+0.7
KMI	Kunming	38.07	331°	P	P	18 54 00.0	+2.3
KMI	Kunming	38.07	331°	Op	LR	18 54 04.3	+3.5
KMI	Kunming	38.07	331°	Op	LR	18 59 41.0	-9.3
WHN	Wuhan	39.28	350°	eP	P	18 54 09.5	+1.5
CD2	Chengdu	42.66	337°	P	AMB	18 54 35.5	-0.3
XAN	Xi'an	43.85	344°	P	P	18 54 45.1	-0.3
XAN	Xi'an	43.85	344°	Op	LR	18 54 53.1	+4.6
KSR5	Korea Array	45.88	7°	LR	LR	19 16 23.1	-
MJAR	Matsushiro Arr	47.20	18°	LR	LR	19 13 33.8	-
LZH	Lanzhou	47.28	340°	eP	P	18 55 15.0	+2.4
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1
LZH	Lanzhou	47.28	340°	Op	LR	18 55 15.0	+2.4
LZH	Lanzhou	47.28	340°	Op	LR	18 55 19.0	+3.8
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1
LZH	Lanzhou	47.28	340°	Op	LR	18 55 15.0	+2.4
LZH	Lanzhou	47.28	340°	Op	LR	18 55 19.0	+3.8
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1
LZH	Lanzhou	47.28	340°	Op	LR	18 55 15.0	+2.4
LZH	Lanzhou	47.28	340°	Op	LR	18 55 19.0	+3.8
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1
LZH	Lanzhou	47.28	340°	Op	LR	18 55 15.0	+2.4
LZH	Lanzhou	47.28	340°	Op	LR	18 55 19.0	+3.8
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1
LZH	Lanzhou	47.28	340°	Op	LR	18 55 15.0	+2.4
LZH	Lanzhou	47.28	340°	Op	LR	18 55 19.0	+3.8
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1
LZH	Lanzhou	47.28	340°	Op	LR	18 55 15.0	+2.4
LZH	Lanzhou	47.28	340°	Op	LR	18 55 19.0	+3.8
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1
LZH	Lanzhou	47.28	340°	Op	LR	18 55 15.0	+2.4
LZH	Lanzhou	47.28	340°	Op	LR	18 55 19.0	+3.8
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1
LZH	Lanzhou	47.28	340°	Op	LR	18 55 15.0	+2.4
LZH	Lanzhou	47.28	340°	Op	LR	18 55 19.0	+3.8
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1
LZH	Lanzhou	47.28	340°	Op	LR	18 55 15.0	+2.4
LZH	Lanzhou	47.28	340°	Op	LR	18 55 19.0	+3.8
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1
LZH	Lanzhou	47.28	340°	Op	LR	18 55 15.0	+2.4
LZH	Lanzhou	47.28	340°	Op	LR	18 55 19.0	+3.8
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1
LZH	Lanzhou	47.28	340°	Op	LR	18 55 15.0	+2.4
LZH	Lanzhou	47.28	340°	Op	LR	18 55 19.0	+3.8
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1
LZH	Lanzhou	47.28	340°	Op	LR	18 55 15.0	+2.4
LZH	Lanzhou	47.28	340°	Op	LR	18 55 19.0	+3.8
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1
LZH	Lanzhou	47.28	340°	Op	LR	18 55 15.0	+2.4
LZH	Lanzhou	47.28	340°	Op	LR	18 55 19.0	+3.8
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1
LZH	Lanzhou	47.28	340°	Op	LR	18 55 15.0	+2.4
LZH	Lanzhou	47.28	340°	Op	LR	18 55 19.0	+3.8
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1
LZH	Lanzhou	47.28	340°	Op	LR	18 55 15.0	+2.4
LZH	Lanzhou	47.28	340°	Op	LR	18 55 19.0	+3.8
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1
LZH	Lanzhou	47.28	340°	Op	LR	18 55 15.0	+2.4
LZH	Lanzhou	47.28	340°	Op	LR	18 55 19.0	+3.8
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1
LZH	Lanzhou	47.28	340°	Op	LR	18 55 15.0	+2.4
LZH	Lanzhou	47.28	340°	Op	LR	18 55 19.0	+3.8
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1
LZH	Lanzhou	47.28	340°	Op	LR	18 55 15.0	+2.4
LZH	Lanzhou	47.28	340°	Op	LR	18 55 19.0	+3.8
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1
LZH	Lanzhou	47.28	340°	Op	LR	18 55 15.0	+2.4
LZH	Lanzhou	47.28	340°	Op	LR	18 55 19.0	+3.8
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1
LZH	Lanzhou	47.28	340°	Op	LR	18 55 15.0	+2.4
LZH	Lanzhou	47.28	340°	Op	LR	18 55 19.0	+3.8
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1
LZH	Lanzhou	47.28	340°	Op	LR	18 55 15.0	+2.4
LZH	Lanzhou	47.28	340°	Op	LR	18 55 19.0	+3.8
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1
LZH	Lanzhou	47.28	340°	Op	LR	18 55 15.0	+2.4
LZH	Lanzhou	47.28	340°	Op	LR	18 55 19.0	+3.8
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1
LZH	Lanzhou	47.28	340°	Op	LR	18 55 15.0	+2.4
LZH	Lanzhou	47.28	340°	Op	LR	18 55 19.0	+3.8
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1
LZH	Lanzhou	47.28	340°	Op	LR	18 55 15.0	+2.4
LZH	Lanzhou	47.28	340°	Op	LR	18 55 19.0	+3.8
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1
LZH	Lanzhou	47.28	340°	Op	LR	18 55 15.0	+2.4
LZH	Lanzhou	47.28	340°	Op	LR	18 55 19.0	+3.8
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1
LZH	Lanzhou	47.28	340°	Op	LR	18 55 15.0	+2.4
LZH	Lanzhou	47.28	340°	Op	LR	18 55 19.0	+3.8
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1
LZH	Lanzhou	47.28	340°	Op	LR	18 55 15.0	+2.4
LZH	Lanzhou	47.28	340°	Op	LR	18 55 19.0	+3.8
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1
LZH	Lanzhou	47.28	340°	Op	LR	18 55 15.0	+2.4
LZH	Lanzhou	47.28	340°	Op	LR	18 55 19.0	+3.8
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1
LZH	Lanzhou	47.28	340°	Op	LR	18 55 15.0	+2.4
LZH	Lanzhou	47.28	340°	Op	LR	18 55 19.0	+3.8
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1
LZH	Lanzhou	47.28	340°	Op	LR	18 55 15.0	+2.4
LZH	Lanzhou	47.28	340°	Op	LR	18 55 19.0	+3.8
LZH	Lanzhou	47.28	340°	Op	LR	18 55 21.0	+4.1

MOS 14 20:10:20.4-0.8, 4346N:4443E, h12km, mb4.1/12, Error ellipse: s-maj=12.8km s-min=8.4km az=109.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARNR Ardon, KUBR Prterechnaya, VLKR Vladikavkaz, etc.

TIR 14 20:25:39.3, 4249N:1978E, h39km, ML2.4 ISCJB 14 20:25:42.6-0.4, 4243N:002.1979E, h3km, gkm, Error ellipse: s-maj=3.8km s-min=3.2km az=156.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PDG Digorskoje uze, PYA Pyatigorsk, ONI Oni, etc.

NEIC 14 21:09:04.4, 2731S:7034W, h83km, MG4.2(GUC), After GUC. GUC 14 21:09:04.4-0.9, 2731S:7034W, h83km, MG4.2, 4C-1D, Near coast of northern Chile.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CPCH Copiapo, CDCH Caldera, VACH Vallenar, etc.

NEIC 14 21:10:19.3-0.6, 4712N:15295E, h10km, mb4.0/2, Error ellipse: s-maj=16.8km s-min=10.4km az=149.0

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZAL comp=Z,0.6nm,0.7s, bazz=23, slow=10, SNR=4.0, MKAR Makanchi Array, MKAR comp=Z,0.5nm,0.6s, mb3.6, bazz=69, slow=7.6, SNR=6.3, etc.

NEIC 14 21:25:25.3, 1948N:9855W, h20km, MD3.8(MEX), After MEX. MEX 14 21:25:26.2-0.9, 1940N:9880W, h8km, 10km, MD3.8, Central Mexico

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IIO Organos, IOIO, PBVM Pinon, etc.

MOS 14 21:33:03.4-1.0, 5240N:16100E, h17km, mb4.2/1, Error ellipse: s-maj=33.3km s-min=19.6km az=120.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRSC Kuroyuzh, SPN Mys Shipunski, NALY Nalytchevo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BOLP Bolinao, BCPH Baguio City Da, BCPH Dolores, etc.

NEIC 14 21:56:56.0, 6465N:14937W, h20km, ML3.1(AEIC), 12.9(PMR), After AEIC, Central Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like COLA College, COLA McKinley, ILI Eielson Array, etc.

MOS 14 22:00:41.3-1.6, 5565N:11021E, h9km, mb4.3/1, Error ellipse: s-maj=27.8km s-min=15.3km az=64.3

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations like Ulanbaatar, Pinedale Array, Makanchi Array, etc.

ISCJB 14 22:39:24.0, 2.4755N, 001.752E, 0.01, h0km, Error ellipse: s-maj=1.8km s-min=1.3km az=135.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the Weil am Rhein area.

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like Schleithheim, Echery, Zurich, Truellikon, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like Maizieres J'vi, Heidenheim-Cha, Schriesheim-Wi, etc.

15d Oh

Table with 5 columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ETSF, KUA, NIKU, LANU, etc.

CSEM 15 00:26:51.1, 6785N-2020E, h0km, ML3.0, Mining explosion. After UPP
UPP 15 00:26:51.1, 6785N-2020E, h0km, ML3.0, Mining explosion.

HEL 15 00:26:51.8, 0.1, 6785N-2019E, h0km, ML3.0(UPP), Explosion, Sweden

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUA, NIKU, LANU, DUNU, MASU, etc.

NIED 15 00:32:00, 4420N-14950E, h11km, Mw3.6 Best double couple: Mo2.90000x10^14 NP1.0x45.00000^2, delta.500000^2, lambda.106.00000^2

IDC 15 00:32:45.2, 9.6, 4391N-14951E, h0km, mbr3.8/5, mb1 3.9/5, mb1mx3.6/21, mbtmp3.8/5, Error ellipse: s-maj=245.0km s-min=37.0km az=167.0, East of Kuril Islands

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SONM, MKAR, YKA, FINES, NB2, NOA, etc.

IDC 15 00:38:06.1, 6.2, 542S-14740E, h192km, Mw3.0/2, mb1 3.1/4, mb1mx2.9/15, mbtmp2.9/4, Error ellipse: s-maj=98.4km s-min=52.2km az=133.0

NEIC 15 00:38:06.9, 9.1, 548S-14733E, h190km, Mw3.0, Error ellipse: s-maj=130.8km s-min=47.0km az=22.1

ISCJB 15 00:38:10.6, 5.7, 58S-04-146E, h182km, Mw3.4/2, Error ellipse: s-maj=99.2km s-min=60.6km az=153.6

ISC 15 00:38:11.1, 5.6, 58S-04-147E, h188km, Mw4.0km, n7, o062/7, mb3.4/2, Eastern New Guinea region

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMG, CTAO, WB2, WRA, ASAR, FITZ, TORD, etc.

NIED 15 00:46:00, 4550N-14240E, h320km, Mw4.3 Best double couple: Mo3.37000x10^15 NP1.0x158.00000^2, delta.878.00000^2, lambda.53.00000^2

SKHL 15 00:46:31.6, 1.9, 4554N-14196E, h320km, Mw4.2/1, msh5.4/3

NEIC 15 00:46:32.6, 0.4, 4559N-14222E, h300km, Mw4.3/16, Error ellipse: s-maj=5.7km s-min=4.5km az=138.0

ISCJB 15 00:46:32.2, 0.2, 4555N-003x14225E-0.04, h310km, Mw4.1/42, Error ellipse: s-maj=4.8km s-min=4.6km az=53.1

MOS 15 00:46:32.0, 0.9, 4554N-14220E, h310km, Mw4.0/19, Error ellipse: s-maj=10.9km s-min=6.5km az=93.0

BJI 15 00:46:32.6, 0.5, 4562N-14226E, h310km, Mw4.3/4, mb4.6

IDC 15 00:46:33.0, 0.5, 4562N-14226E, h305km, Mw4.3/7/21, mb1 3.9/22, mb1mx3.8/27, mbtmp3.7/22, Error ellipse: s-maj=11.7km s-min=9.9km az=133.0

JMA 15 00:46:33.0, 0.2, 4551N-14235E, h310km, Mw4.3/4

ISC 15 00:46:32.9, 0.2, 4558N-003x14228E-0.04, h305km, Mw4.1, n64, o103/193, mb4.1/42, 18C-8D, Hokkaido region

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JWK2, JSE, JRR, JSS, JYG, YSS, ASAJ, etc.

2006 DEC

Main table with 5 columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JTKR, JAB, JFR, JAR, JAS, JSK, JRA, JJP, JYU, etc.

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Table with 5 columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ENH, GTA, GUM, TNA, ZAL, IMA2, KDAK, MK31, MKAR, etc.

PLCA Paso Flores 149.01 93 PKIKP PKPdf 09 28 36.0 +2.9
PLCA comp=Z.2.0nm,0.9s

GII 15 09:31:15.9.0.2,3086N:3501E,h0km,1km,ML2.4/7
ISCJB 15 09:31:16.7.0.4,3085N:02:35.0E,0.06,h10km,5km,
Error ellipse: s-maj=3.4km s-min=3.8km az=14.5

HLW 15 09:31:19.5.0.3,3085N:3486E,h13km,Mb3.3
ISC 15 09:31:19.9.0.4,3086N:02:34.8E,0.05,h0km,n21,
e084/25,Dead Sea region

Code Station Name Az AZZ Phase ID Time Res
MASH Mash'abbe Sade 0.22 310 Op Pn 09 31 21.6 +0.5
RMIH Mount Ramon 0.32 309 Pg Pn 09 31 22.0 +0.6
RTMI Retimam 0.32 309 Pg Pn 09 31 23.6 +0.6

GII 15 09:49:19.9.0.2,3085N:3500E,h0km,ML2.5/7
HLW 15 09:49:19.3.1,3010N:3523E,h18km,Mb2.9
ISCJB 15 09:49:20.9.0.4,3085N:02:35.0E,0.04,h5km,4km,
Error ellipse: s-maj=5.9km s-min=3.2km az=19.5

ISC 15 09:49:21.2.0.4,3086N:02:35.0E,0.04,h0km,n22,
e091/31,Dead Sea region

Code Station Name Az AZZ Phase ID Time Res
MASH Mash'abbe Sade 0.23 306 Pg Pn 09 49 25.7 +0.1
RTMI Retimam 0.33 306 Pg Pn 09 49 27.6 +0.1
SVTA Shvita 0.34 282 Pg Pn 09 49 27.5 +0.2

ISC 15 09:51:42.1.8.1,541S:15058E,h102km,56km,mb3.1/2,
mb1.3/3,mb1mx3.214,mbtmp3.2/3,Error ellipse:
s-maj=125.2km s-min=54.0km az=120.0,New Britain
region

Code Station Name Az AZZ Phase ID Time Res
PMG Port Moresby 5.22 220 Op Pn 09 52 58.4 +0.6
PMG 2.9nm,0.3s,baz=45,slow=6.3,SNR=9.2
S Sn 09 53 57.2 +0.4

ISCJB 15 10:00:11.5.0.7,6476N:002:307E,0.1,h0km,Error
ellipse: s-maj=7.1km s-min=3.1km az=16.3
ISC 15 10:00:11.8.2.2,6460N:3127E,h0km,mb1.3/3,4,
mb1mx3.2/2,mbtmp3.3/4,ML2.3/4,Error ellipse:
s-maj=26.9km s-min=9.2km az=109.0
BER 15 10:00:13.0.2.5,6467N:3090E,h0ML2.1(NAO),
Suspected explosion
HEL 15 10:00:13.9.0.1,6475N:3067E,h0km,ML1.9,
ML2.1(NAO),Explosion
NAO 15 10:00:14.0.2.7,6467N:3036E,ML2.1
ISC 15 10:00:12.6.0.7,6477N:002:306E,0.1,h0km,n18,
e097/37,Finland-Karelia border region

Code Station Name Az AZZ Phase ID Time Res
KUE Rieikki 1.30 347 Op Pn 10 00 37.5 +0.1
KUE 10 00 54.9 +0.4
MSF Maaselka 1.33 331 eS Pg 10 00 37.9 +0.2

Code Station Name Az AZZ Phase ID Time Res
KAF Kongsaniemi 3.29 218 Pn Pn 10 01 07.2 +1.7
KAF Keuruu 3.67 227 eS Pn 10 01 17.7 +1.1
KEF 10 01 54.9 +0.3
KEF 10 02 09.3 +0.4

ARCES ARCESS Array B 5.19 340 Pn 10 01 31.6 +0.1
comp=Z.0.2nm,0.3s,baz=152,slow=13,SNR=16
ARCES Sn Sn 10 02 31.5 -0.5
ARCES comp=Z.0.2nm,0.3s,baz=162,slow=21,SNR=3.0
10 02 56.0

BUI 15 10:00:52.9,490S:14470E,h72km,mb4.7
ISCJB 15 10:00:53.1.1.9,488S:007:14475E,0.08,h70km,18km,
mb4.5/25,Error ellipse: s-maj=14.2km s-min=11.0km
az=142.6
ISC 15 10:00:53.8.1.9,487S:14471E,h60km,16km,mb4.2/16,
mb1.4/3/19,mb1mx4.3/21,mbtmp4.2/19,MS3.5/5,
mb1.3/5/5,ms1mx3.2/15,Error ellipse: s-maj=20.7km
s-min=11.3km az=75.0
NEIC 15 10:00:55.0.1.3,486S:14469E,h73km,12km,mb4.9/8,
Error ellipse: s-maj=10.6km s-min=8.1km az=78.0
ISC 15 10:00:55.1.6.4,90S:007:14476E,0.08,h74km,16km,
n43,e074/40,mb4.5/25,1D,Near north coast of New
Guinea

Code Station Name Az AZZ Phase ID Time Res
PMG Port Moresby 5.07 152 Op Pn 10 02 09.7 +0.9
19nm,0.3s,baz=337,slow=7.2,SNR=32
PMG S Sn 10 03 05.3 -0.7
PMG 54nm,0.3s,baz=155,slow=21,SNR=12
LR 10 04 34.6

Code Station Name Az AZZ Phase ID Time Res
CTA Charters Tower 15.16 175 i/P Pn 10 04 31.4 +6.1
CTA Charters Tower 15.16 175 Pn 10 04 25.4 +0.1
CTAO Charters Tower 15.16 175 eP Pn 10 04 31.3 +6.0
HNR Honiara 15.72 107 LR Pn 10 09 53.8
WB2 Warramunga Arr 18.06 213 eP Pn 10 05 01.0 -0.3
WRA Warramunga Arr 18.07 213 eP Pn 10 05 01.1 -0.3

Code Station Name Az AZZ Phase ID Time Res
ASAR Alice Springs 21.39 208 P P 10 05 37.3 +0.4
16nm,0.5s,mb4.6,baz=34,slow=12,SNR=159
ASAR ScP ScP 10 13 10.8 +2.5
FITZ Fitzroy Crossi 22.84 233 eP P 10 05 49.9 -2.3
29nm,0.7s,mb4.7
FITZ 22.84 233 P 10 05 50.8 -1.4
ARMA Armadale 26.19 166 eP P 10 06 24.5 +1.5
STKA Stephens Creek 27.00 186 eP P 10 06 29.5 -0.8
STKA Stephens Creek 27.00 186 P 10 06 30.1 -0.1

Code Station Name Az AZZ Phase ID Time Res
SOMM Songoing Array 62.38 332 P P 10 11 09.9 -0.4
comp=Z.2.2nm,0.8s,mb4.2,baz=157,slow=7.8,SNR=4.6
GUN Gumba 65.41 304 eP P 10 11 30.7 +0.5
comp=Z.2.3nm,0.7s,mb5.1
PKI Palchoki 65.88 303 eP P 10 11 32.3 +0.4
KKN Kulkani 65.86 303 eP P 10 11 33.8 +0.7
DMN Daman 65.95 303 eP P 10 11 34.4 +0.7
GKN Gorkha 66.47 303 eP P 10 11 37.4 +0.4
KOLN Koldanda 67.26 303 eP P 10 11 42.5 +0.5
VNDA Vanda 73.14 176 P P 10 12 18.0 +0.1
VNDA 73.14 176 eP P 10 12 17.7 -0.3
MK31 Makanchi Array 75.24 321 P P 10 12 30.2 0.0
MKAR Makanchi Array 75.24 321 P P 10 12 29.7 -0.5
ZAL Zalesovo 76.91 328 P P 10 12 37.9 -1.8
KUR Kurchatov 78.01 324 eP P 10 12 51.4 +0.2
MAW Mawson 82.40 203 P P 10 13 08.3 -1.0
MAW 82.40 203 LR 10 45 20.0
BVAR Borovoye Array 84.58 324 P P 10 13 20.5 0.0
QSPA South Pole Qui 85.06 180 eP P 10 13 22.6 -0.3
Yellowknife Arr 99.24 28 P P 10 14 27.6 -1.3
GERES GERESS Array B 119.74 325 PKP PKPdf 10 19 36.3 -0.6
comp=Z.2.5nm,0.4s,baz=48,slow=2.0,SNR=3.7
PLCA Paso Flores 124.24 148 PKP PKPdf 10 19 46.6 +1.1
TORD Torodi Arr 146.26 285 PKH PKP 10 20 16.1
TORD 146.26 285 PKP PKPdf 10 20 21.9 +1.9
comp=Z.2.5nm,0.7s,baz=57,slow=2.1,SNR=11

NEIC 15 10:22:02.9,3241S:7160W,h19km,ML3.2(GUC),After
GUC
GUC 15 10:22:02.9.0.7,3241S:7160W,h19km,2km,MD3.6,
ML3.2,TC-3D,Near coast of central Chile

Code Station Name Az AZZ Phase ID Time Res
PACH Papudo 0.19 131 eP Pn 10 22 04.4 +0.6
PACH 10 22 12.3 +1.2
PTCH Petorca 0.59 76 i/P Pn 10 22 14.3 -0.2
PTCH 10 22 22.5 0.0
PTCH AML AML 10 22 22.8
IHA Instituto Hid 0.61 183 i/P Pn 10 22 14.2 -0.7
IHA 10 22 23.1 -0.1
JACH Jahuel 0.89 108 i/S Pn 10 22 19.1 0.7
JACH 10 22 31.2 -0.1
LCCH Las Cruces 1.06 178 i/P Pn 10 22 21.4 -1.2
LCCH 10 22 35.6 -0.5
PEL Peidheue 1.06 134 i/P Pn 10 22 21.8 -0.8
PEL 10 22 36.0 -0.1
PEL AML AML 10 22 38.3
RCDM Rinconada Maip 1.27 148 i/P Pn 10 22 25.0 -0.5
RCDM 10 22 41.1 -0.9
RCDM AML AML 10 22 41.9
CMCH Combarbala 1.34 23 i/P Pn 10 22 25.3 -1.2
CMCH 10 22 42.8 -1.0
CMCH AML AML 10 22 46.6
CMCH Combarbala 1.34 23 i/P Pn 10 22 25.3 -1.2

CMCH Talagante 1.36 156 i/S Pn 10 22 42.8 -1.0
TACH 10 22 26.3 -0.4
TACH Sn Sn 10 22 44.1 -0.2
ANTU Antumapu 1.41 145 AML Pn 10 22 51.1
comp=Z.534nm,0.5s
FCH Farellones 1.43 130 i/P Pn 10 22 28.0 +0.2
FCH 10 22 47.4 +1.3
PCH Pirque 1.51 143 eP Pn 10 22 29.4 +0.5
PCH 10 22 49.0 +0.9
LVH Longovio 1.55 174 eP Pn 10 22 29.1 -0.2
LVH 10 22 31.4 +0.8
CHCH Chadas Angostu 1.71 153 i/P Pn 10 22 32.0 +0.3
CHCH 10 22 54.5 +1.5
LMEL Las Melosas 1.85 141 i/P Pn 10 22 34.5 +0.9
LMEL 10 22 58.3 +1.9
LMEL AML AML 10 23 04.3

LMEL Las Melosas 1.85 141 i/P Pn 10 22 34.5 +0.9
LAMEL 10 22 58.3 +1.9
CACH El Canelo 1.90 154 i/P Pn 10 22 36.1 +1.9
CACH 10 23 00.7 +3.2
CICH Cipreses 2.14 153 i/S Pn 10 22 38.9 +1.2
CICH 10 23 07.0 +3.4
SFDO San Fernando 2.25 168 i/P Pn 10 22 40.2 +1.2
SFDO 10 23 08.8 +2.6
Tololo Astrono 2.34 17 i/P Pn 10 22 41.8 +1.5
TLL 10 23 12.1 +3.6
TLL AML AML 10 23 16.8
TLL comp=N,118nm,0.5s
TLL Tololo Astrono 2.34 17 i/P Pn 10 22 41.8 +1.5
TLL 10 23 12.1 +3.6

CSEM 15 10:23:32.1,3609N:2225E,h45km,MD3.7/8,After ATH
NEIC 15 10:23:32.1,3609N:2225E,h45km,MD3.7(ATH),After
ATH
ATH 15 10:23:32.1,3609N:2225E,h45km,MD3.7/8,Southern
Greece

Code Station Name Az AZZ Phase ID Time Res
KYTH Kithira 0.66 73 Op Pn 10 23 48.0 +0.8
VLI Vellai 0.84 41 eP Pn 10 23 48.4 +0.9
VLI 10 24 00.4 +1.7
ITM Ithomi 1.12 347 eP Pn 10 23 51.7 +0.4
RLS Riosalos of Patr 2.06 343 eP Pn 10 24 07.3 +3.1
VLS Viasamata 2.47 328 eP Pn 10 24 11.1 +1.3
LKR Lokris 2.62 13 eP Pn 10 24 13.9 +1.9
LKR Klokotos Trika 3.47 373 eP Pn 10 24 27.7 +3.8
KER Kerkira 4.10 333 eP Pn 10 24 35.5 +1.2

WEL 15 10:24:11.7.0.3,4141S:17295E,h115km,3km,ML3.6/12,
3C,Error ellipse: s-maj=1.8km s-min=1.6km az=90.0,
South Island

Code Station Name Az AZZ Phase ID Time Res
THZ Tophouse 0.36 186 i/P Pn 10 24 28.7 +0.4
THZ 10 24 40.9 +0.1
NRZ Nelson 0.37 60 i/P Pn 10 24 28.4 0.0
QNZ Quartz Range 0.66 331 Pn Pn 10 24 30.2 0.0
CRZ 10 24 46.0 -1.2
TUWZ Tuamarina 0.75 92 eP Pn 10 24 31.1 +0.2
BSWZ Blackbirch Sta 0.76 114 Pn Pn 10 24 31.2 +0.2
DSZ Denniston Mt 0.93 248 Pn Pn 10 24 32.4 -0.2
STKA 10 24 46.6 -1.7
DUWZ D'Urville Isla 0.95 51 Pn Pn 10 24 33.4 +0.6
TCW Tory Channel 1.02 79 Pn Pn 10 24 34.5 -0.5
KHZ Kahutara 1.10 157 i/P Pn 10 24 34.5 +0.2
KHZ 10 24 50.0 -1.4
KHZ 10 24 50.3 -1.1
SNZO South Karori 1.32 86 Pn Pn 10 24 36.2 -0.6
MRW Makara Radio 1.33 83 Pn Pn 10 24 36.4 -0.4
MRW 10 24 54.9 -1.0
WEL Wellington 1.37 85 Pn Pn 10 24 36.9 -0.4
BHW Baring Head 1.44 91 Pn Pn 10 24 37.4 -0.7
LTZ Lake Taylor 1.46 200 eP Pn 10 24 38.4 0.0
KIWI Kapiti Island 1.56 70 Pn Pn 10 24 39.3 -0.4
CAW Cannon Point 1.62 80 Pn Pn 10 24 39.7 -0.8
CAW 10 25 09.9 -1.1
MSWZ Moikau Station 1.73 91 Pn Pn 10 24 40.5 -1.0
MTW Mount Morrison 1.94 83 Pn Pn 10 24 42.9 -1.2
TRWZ Traveller 2.06 91 Pn Pn 10 25 10.1 -1.5
CRUZ Canterbury Las 2.18 137 Pn Pn 10 24 46.4 -0.8
NRZ Ngarkiri Road 2.20 20 Pn Pn 10 24 48.3 +0.8
NWZE Newall Road 2.24 18 Pn Pn 10 24 48.6 +0.6
TIWZ Tintock 2.31 75 Pn Pn 10 25 10.5 -2.2
NEZ North Egmont 2.31 23 Pn Pn 10 24 49.4 +0.6
MOZ McQueen's Vall 2.31 185 Pn Pn 10 24 47.6 -1.2
MOZ 10 25 13.2 -0.4
WVZ Waitaha Valley 2.34 224 Pn Pn 10 24 48.4 -0.8
WVZ 10 25 14.7 -3.3
PKE Pukeiti 2.35 20 Pn Pn 10 24 49.9 +0.6
RAEZ Rainy Point 2.39 28 eP Pn 10 24 50.8 +0.9
EBZ Beach Road 2.60 60 Pn Pn 10 24 51.8 -0.5
TSZ Takaparu Road 2.65 60 Pn Pn 10 24 51.8 -0.5
VRZ Vera Road 2.67 32 Pn Pn 10 24 53.8 +0.3
RPZ Rata Peaks 2.70 211 Pn Pn 10 24 53.2 -0.7
FOZ Fox Glacier 3.23 227 Pn Pn 10 24 58.4 -2.5
HIZ Hauri 3.24 27 Pn Pn 10 25 00.4 -0.6
LBZ Lake Benmore 3.26 213 Pn Pn 10 25 03.3 -2.0
ODZ Otauhu Downs 4.01 204 Pn Pn 10 25 09.7 -1.4
ODZ 10 25 28.2 -4.5
JCZ Jackson Bay 4.08 228 Pn Pn 10 25 10.7 -1.4
JCZ 10 25 54.2 -4.8
URZ Urewera 4.49 47 Pn Pn 10 25 54.2 -4.8
EAZ Earnscleugh 4.66 54 Pn Pn 10 26 07.8 -5.0
MWZ Matawai 4.67 50 eP Pn 10 25 17.7 -2.4
MLZ Mavora Lakes 5.26 220 eP Pn 10 25 26.4 -1.5

IOC 15 11:02:19.4.4.7,2245N:14473E,h41km,4.1km,mb3.6/5,
mb1.3/1.7,mb1mx3.6/21,mbtmp3.7/7,ML4.1/2,MS3.1/2,
MS5.1/2,mb1mx2.4/30,Error ellipse: s-maj=53.7km
s-min=18.9km az=88.0,Volcano Islands region

Code Station Name Az AZZ Phase ID Time Res
CBIJ Chichi jima 5.17 334 P Pn 11 03 35.6 +1.4
26nm,0.3s,baz=92,slow=21,SNR=21
GUBU Gumburua 8.82 179 LR LR 11 04 32.2 -0.3
comp=Z.64nm,21.6s,baz=170,slow=34
10 21 34.0 Pn 11 05 50.6 +0.4
MJAR Matsushiro Arr 15.13 340 P Pn 11 07 03.5 +6.3
KRSR Korea Array 20.82 320 P P 11 07 03.5 +6.3
5.9nm,0.3s,baz=130,slow=12,SNR=20
HNR Honiara 35.02 153 LR LR 11 22 06.3
comp=Z.67nm,20.4s,baz=166,slow=13,SNR=3.4
WRA Warramunga Arr 43.34 194 P P 11 10 17.7 +0.3
2.8nm,0.6s,baz=17,slow=8.7,SNR=32
ASAR Alice Springs 47.03 194 P P 11 10 46.3 -0.4
0.6nm,0.5s,baz=16,slow=7.5,SNR=12
MKAR Makanchi Array 55.25 312 P P 11 11 49.5 +1.2
YKA Yellowknife Arr 75.12 28 P P 11 13 57.1 0.0
0.3nm,0.6s,baz=292,slow=5.7,SNR=8.1
FINES FINESS Array B 83.11 335 P P 11 14 39.8 -1.0
2.5nm,1.0s,baz=66,slow=4.7,SNR=3.8

MOS 15 11:43:55.1.2.0,4424N:4036E,h8km,mb3.9/1,TC-10,
Western Caucasus

Code Station Name Az AZZ Phase ID Time Res
SOC Sochi 0.80 210 Op Pn 11 44 11.4 +0.8
SOC 11 44 23.8 +2.8
KIV Kislovodsk 1.70 99 eP Pn 11 44 28.4 +3.4
KIV 11 44 29.6
KIV 11 44 49.8
comp=Z.7.0nm,0.5s
KIV smax smax
KIV comp=E,11nm,0.5s
KIV 1.70 99 eP Pn 11 44 28.4 +3.4
comp=E,7.0nm,0.5s

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like BANOM Banah, BHJ Bhuj, BHD Baghdad, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like ORR Orenburg, KIS Kishinev, MLR Muntele Rosu, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like MOTA Moosalm, ZAL Zalesovo, NVS Novosibirsk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like XP sP, S S, S S, SS SS, AMB AMB, etc.

ISCJB 15 13:24:52.70.7, 5.9N, 02:1258E.02, h151km, 17km, mb3.7/4, Error ellipse: s-maj=276km s-min=22.7km az=88.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GSPH General Santos, MATI Mati, etc.

MOS 15 13:26:25.1-3.0, 4331N, 47.18E, h14km, mb4.3/1, Error ellipse: s-maj=10.2km s-min=9.1km az=12.4

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

MOS 15 13:26:25.1, 4331N, 47.18E, h14km, mb4.3, After OBN Error ellipse: s-maj=8.3km s-min=3.4km az=61.4

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DLMR Manas, MNSR Manas, etc.

DHMR 15 13:26:34.7-1.6, 1370N, 5080E, h5km, 183km, ML4.4, 1C-2D, Eastern Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MUHL Al Mukalla, etc.

ISCJB 15 13:27:51.8-1.1, 3333N, 005:1412E, 0.1, h61km, 14km, mb3.6/2, Error ellipse: s-maj=15.7km s-min=7.6km az=5.1

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

JMA 15 13:27:51.8-0.3, 3330N, 141.15E, h4km, 12g, IDC 15 13:27:53.4-2.6, 3328N, 141.22E, h4km, 29km, mb3.2/2, mb1.3/5.4, mb1mx3.2/21, mbtrp3.5/4, ML3.3/2, Error ellipse: s-maj=23.5km s-min=15.0km az=99.0

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

TRN 15 13:30:04.8, 1593N, 6073W, h28km, M3.4(FDF) Error ellipse: s-maj=28.2km s-min=8.9km

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

NEIC 15 13:33:06.1, 1600N, 6063W, h28km, M3.5(FDF), After FDF, Error ellipse: s-maj=54.5km s-min=14.6km az=69.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DEG La Desirade, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PCRV Puerto La Cruz, SDV Santo Domingo, etc.

ISCJB 15 13:33:23.7-0.8, 1091N, 005:6234W, 0.03, h64km, 10km, Error ellipse: s-maj=9.1km s-min=4.7km az=163.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUVI Guiria, TCE Chacachacare, etc.

NEIC 15 13:44:41.8-0.4, 4771N, 1362E, h10km, ML2.7(SZGRF), Error ellipse: s-maj=4.5km s-min=3.6km az=151.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BGLD Berchtesgaden, MOA Molln, etc.

ISCJB 15 13:44:42.1-0.2, 4768N, 1361E, h8km, 3km, mb2.4/6, ML2.9/8, Error ellipse: s-maj=1.4km s-min=1.0km az=171.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MOA Molln, RMOA Moar Alm, etc.

ISCJB 15 13:44:42.8-0.2, 4771N, 001:1361E, 0.02, h10km, n64, e1917/13, 17C-7D, Austria

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MOA Molln, RMOA Moar Alm, etc.

ISCJB 15 13:44:42.8-0.2, 4771N, 001:1361E, 0.02, h10km, n64, e1917/13, 17C-7D, Austria

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MOA Molln, RMOA Moar Alm, etc.

ISCJB 15 13:44:42.8-0.2, 4771N, 001:1361E, 0.02, h10km, n64, e1917/13, 17C-7D, Austria

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MOA Molln, RMOA Moar Alm, etc.

ISCJB 15 13:44:42.8-0.2, 4771N, 001:1361E, 0.02, h10km, n64, e1917/13, 17C-7D, Austria

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MOA Molln, RMOA Moar Alm, etc.

mb1 4.1/24,mb1mx4.0/30,mbtmp3.9/24,MS3.1/4, Ms1 3.1/4,ms1mx2.8/43,Error ellipse: s-maj=14.6km s-min=12.4km az=131.0

ISC 15 16:37:00.6-0.5,4698N,005:15278E,007,h62km,14km, h13km,7.6km;P-P,1144,e1s42/161,mb4.4/44,1C-1D,

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

Table with columns: YAK, YAKUTSK, KRSRS, INCN, HIA, HIA, BJT, BJT, HHC, HHC, ULN, ULN, SOMN, SOMN, MCK, MCK, SML, COLA, COLA, LZH, LZH, CD2, CD2, GYA, GYA, INK, INK, ZAL, WMQ, KMI, KMI, MKAR, MKAR, MKAR, MKAR, MKAR, MKAR, KURK, KURK, LSA, LSA, LSA, CHZK, CHZK, CHZK, CHZK, BVAR, BVAR, BVAR, BVAR, BRVK, BRVK, BRVK, BRVK, BRVK, BRVK, YKA, YKA, YKA, YKA, YKA, YKA, GUN, KKN, PDK, PDK, GKN, GKN, PMG, PMG, PMG, KOLN, KOLN, ARCES, ARCES, ARCES, ARCES, NVAR, NVAR, FINES, FINES, FINES, FINES, FINES.

Table with columns: FINES, PDAR, NB2, NOA, NOA, HFS, HFS, WRA, FITZ, FITZ, KIV, KIV, AKASG, AKASG, AKASG, ASAR, ASAR, ASAR, SCHQ, STHS, MLR, MLR, MLR, TXAR, TXAR, TXAR, BRTR, BRTR, BRTR, MIB, MIB, NAY, RDF, RDF, MMAI, ANOYIA, CFIA, PLCA, PLCA, PLCA, VNA2, VNA2, VNA2, VNA3, VNA3, VNA3.

IDC 15 16:43:30.3-3.4, 4693N,15584E,h0km,mb3.7/5, mb1 3.9/5,mb1mx3.5/24,mbtmp3.7/5,Error ellipse: s-maj=100.3km s-min=28.4km az=176.0,East of Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like INK, MKAR, YKA, BVAR, TXAR.

PRU 15 16:47:18.2,5142N,1608E,h0km WAR 15 16:47:17.9,5148N,1611E,ML2.5,Mining Induced, Poland

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like KSP, UPC, DPC, DPC, PVCC, PVCC, PRU, PRU, CLL, CLL, OKC, OKC, KHC, KHC, KHC.

ISCJB 15 16:47:57.3-0.2,5150N,002:1605E,002,h0km,mb3.9/11, MS4.8/1, Error ellipse: s-maj=2.4km s-min=1.8km az=21.4

MOS 15 16:47:57.0-1.4,5168N,1601E,h10km,mb4.3/2,Error ellipse: s-maj=7.2km s-min=4.1km az=75.7

LDG 15 16:47:58.4-0.3,5152N,1605E,h1km,ML4.3/7, Error ellipse: s-maj=6.6km s-min=3.9km az=3.0,Suspected Mining induced.

BUI 15 16:47:58.6,5160N,1600E,h10km,mb4.7,mb4.4,Ms4.8, Ms2.6

NEIC 15 16:47:58.6-0.3,5159N,1605E,h5km,mb4.0/2, ML3.5(PRU),ML3.6(CSEM),ML3.8(SZGRF),Error ellipse: s-maj=4.3km s-min=3.7km az=183.0

STR 15 16:47:58.9,5152N,1582E,h10km,1km,ML4-2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

IDC 15 16:47:59.2-0.5,5151N,1597E,h0km,mb3.7/8, s-maj=7.2km s-min=4.1km az=75.7

CSEM 15 16:47:59.7-0.1,5154N,1603E,h1km,mb4.2/1,ML4.2/18, Error ellipse: s-maj=2.8km s-min=2.0km az=9.0

BGR 15 16:47:59.2-0.7,5157N,1607E,h1km,ML3.8/6, Error ellipse: s-maj=10.0km s-min=3.3km az=14.0

WAR 15 16:48:00,5154N,1606E,ML3.3,Mining Induced PRU 15 16:48:00.3,5151N,1603E,h0km,Felt In Harachov VIE 15 16:48:02.9-0.5,5128N,1593E,h0km,mb3.4/7,ML3.3/10, Error ellipse: s-maj=3.4km s-min=2.6km az=5.0 78 km WNW of Breslau Suspected Mining induced.

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

Table with columns for station name, frequency, polarization, and coordinates. Includes stations like KSP Ksiaz, Ujcie, Dobruska-Polom, and various other locations.

Table with columns for station name, frequency, polarization, and coordinates. Includes stations like ZST, NIE, VYH, VYHS, VYHNE, and various other locations.

Table with columns for station name, frequency, polarization, and coordinates. Includes stations like KIEV, HFS, HFR, HFI, HFD, and various other locations.

ISCJB 15 16:52:06.51.0, 1093N:005:6238W:003, h102km, 8km, Error ellipse: s-maj=8.7km s-min=5.3km az=165.7 NEIC 15 16:52:09.1, 1105N:6206W, h109km, MD3.1 (TRN), After TRN. TRN 15 16:52:09.1, 1105N:6206W, h109km, MD3.1 FUNV 15 16:52:10.1, 1089N:6244W, h90km, MW2.8 ISC 15 16:52:06.91.0, 1093N:005:6238W:003, h102km, 9km, n13, r121/24, 2C, Near coast of Venezuela

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like AAK, AAL, AAM, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like PTH, LGTI, E09A, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like CHMT, K09A, F13A, etc.

FVM	French Village	78.53 46 eP	P	17 11 02.9 -1.7
SGKT	Sivrigoyunuk	78.55 318 i P	P	17 11 05.4 +0.7
GRA1	Grabenberg Arr	78.58 336 eP	P	17 11 05.1 +0.2
GRA1	comp-Z,196nm,1.1s,mb5.0	LR	LR	
GRF	Grabenberg Arr	78.58 336 eP	P	17 11 05.1 +0.2
GRF	comp-Z,2µm,19.3s,MSS.5			17 48 58.7
GRF	Grabenberg Arr	78.58 336 eP	P	17 11 05.1 +0.2
GRF	comp-Z,196nm,1.0s,mb5.0	pmax	pmax	
GRF	comp-Z,2µm,19.3s,MSS.5	MLR	MLR	
GRFO	Grabenberg	78.58 336 i P	P	17 11 04.8 -0.1
GRFO	comp-Z,162nm,0.9s,mb5.0	pmax	pmax	
GRFO	Grabenberg	78.58 336 i P	P	17 11 04.8 -0.2
GRFO	comp-Z,162nm,0.9s,mb5.0	pmax	pmax	
GE2C	GERESS Array S	78.61 334 eP	P	17 11 04.9 -0.2
GE2C	comp-Z,11nm,0.9s,mb5.4			
GERES	GERESS Array B	78.61 334 P	P	17 11 04.5 -0.6
GERES	comp-Z,36nm,0.9s,mb5.3,baz=34,slow=5.1,SNR=107			
GERES	GERESS Array B	78.61 334 P	P	17 11 04.9 -0.2
GERES	comp-Z,36nm,0.9s	pmax	pmax	
KMRS	Kahramanmaras	78.62 313 eP	P	17 11 06.1 +1.0
AVNT	Avonos	78.64 315 i P	P	17 11 05.7 +0.5
UMR	Umm Al-Rimmam	78.65 301 eP	P	17 11 06.0 +0.8
UMR	comp-Z,505nm,0.8s,mb5.5	Amb	Amb	17 11 08.7
MIB	Mutribah	78.69 301 eP	P	17 11 06.3 +0.8
MIB	comp-Z,552nm,0.9s,mb5.6	Amb	Amb	17 11 08.9
STKA	Stevens Creek	78.70 190 eP	P	17 11 03.5 -2.1
STKA	comp-Z,9.4nm,1.0s,mb4.7			
STKA	Stevens Creek	78.70 190 eP	P	17 20 59.2 -3.7
STKA	comp-Z,9.4nm,1.0s,mb4.7	S	S	17 11 03.6 -1.9
GAMZ	Kaman	78.72 313 eP	P	17 11 07.3 +1.6
KAMT	Kaman	78.72 316 eP	P	17 11 05.9 +0.2
SOPR	Sopron	78.73 332 i P	P	17 11 06.7 +0.9
CONA	Conrad Observa	78.75 332 i P	P	17 11 06.3 +0.4
CONA	comp-Z,62nm,0.9s,mb5.5,SNR=60			
BZS	Buzias	78.75 327 i P	P	17 11 05.3 -0.5
ANTO	Ankara	78.76 317 eP	P	17 11 06.4 +0.5
ANTO	Ankara	78.76 317 eP	P	17 11 07.0 +1.1
ANTO	Ankara	78.76 317 eP	P	17 11 06.7 +0.7
ANTO	comp-Z,194nm,1.2s,mb5.9			
ANTO	Ankara	78.76 317 i P	P	17 11 06.7 +0.8
TNS	Tanusus Mts	78.86 338 eP	P	17 11 06.4 +0.0
HENT	Handek	78.88 319 i P	P	17 11 07.0 +0.5
SBD1	Bryn Du	78.88 346 i P	P	17 11 06.3 -0.3
KBD	Kabd	78.94 301 eP	P	17 11 07.1 +0.2
KBD	comp-Z,1µm,0.7s	Amb	Amb	17 11 10.4
ZIMR	Zimra	78.94 324 P	P	17 11 07.2 +0.3
ZIMR	Zimra	78.94 324 P	P	17 11 07.1 +0.2
HGN	Heimangroove	79.00 339 eP	P	17 11 07.2 +0.1
HGN	comp-Z,179nm,1.2s,mb5.9			17 13 14.1
CRAR	CRAIOVA	79.00 325 P	P	17 11 08.1 +0.9
YRE	Yr Eifi	79.01 346 eP	P	17 11 06.8 -0.5
MDU	Mudurnu	79.02 319 eP	P	17 11 08.0 +0.7
MDU	Mudurnu	79.02 319 P	P	17 11 07.9 +0.6
BEBN	Eben Ennael	79.03 340 P	P	17 11 07.1 -0.2
BEBN	comp-Z,98nm,1.1s,mb5.4			
DLF	Lyons Farm	79.03 346 eP	P	17 11 07.0 -0.4
SZH	Sztrahiza	79.03 324 P	P	17 11 07.1 -0.3
DRB	Dublin	79.06 348 eP	P	17 11 07.3 -0.2
QSN	Quinn	79.12 300 eP	P	17 11 08.8 +1.0
QSN	comp-Z,32nm,1.0s,mb5.8			
MEM	Membach	79.12 339 P	P	17 11 08.2 +0.3
MEM	comp-Z,138nm,1.1s,mb5.8			
JCT	Junction City	79.15 57 eP	P	17 11 06.6 -1.4
JCT	comp-Z,67nm,1.3s,mb5.4	pmax	pmax	
JCT	Junction City	79.15 57 eP	P	17 11 06.6 -1.4
JCT	comp-Z,67nm,1.3s,mb5.4			
NAY	Al-Naaien	79.15 301 eP	P	17 11 07.9 -0.1
NAY	comp-Z,266nm,0.9s,mb5.2	Amb	Amb	17 11 11.5
KOZT	Kozan	79.17 314 eP	P	17 11 08.8 +0.7
HLM1	Long Mynd	79.19 345 eP	P	17 11 08.6 +0.4
RDF	Al-Radifah	79.20 301 eP	P	17 11 09.2 +0.9
RDF	comp-Z,581nm,0.7s,mb5.6	Amb	Amb	17 11 12.3
PVL	Pavilkeni	79.32 324 P	P	17 11 10.0 +1.1
MOA	Molin	79.32 333 i P	P	17 11 09.4 +0.4
MOA	comp-Z,67nm,0.8s,mb5.5,SNR=57			
TODM	Troms	79.33 337 eP	P	17 11 08.6 -0.4
UCC	Uccle	79.34 340 P	P	17 11 10.0 +1.0
SIND	Sindelfurth	79.34 337 P	P	17 11 09.4 +0.3
SIUC	South Illinois	79.34 46 eP	P	17 11 07.9 -1.2
SIUC	comp-Z,66nm,1.2s,mb5.3			
KLYT	Kilyos	79.36 320 eP	P	17 11 08.7 -0.5
KLYT	Kilyos	79.36 320 P	P	17 11 08.6 -0.6
ABH	Alteburg	79.41 338 eP	P	17 11 09.0 -0.4
HRT	Hereke	79.43 320 eP	P	17 11 09.0 -0.5
HRT	Hereke	79.43 320 eP	P	17 11 09.8 +0.2
ARSA	Arzberg	79.45 332 i P	P	17 11 10.4 +0.7
ARSA	comp-Z,97nm,0.7s,mb5.9,SNR=11			
SWS	Schriesheim-Wi	79.47 337 P	P	17 11 10.2 +0.4
BCLA	Clavier	79.47 340 P	P	17 11 09.8 +0.1
BCLA	comp-Z,90nm,1.0s,mb5.8			
ISK	Istanbul-Kandi	79.50 320 eP	P	17 11 09.1 -0.9
ISK	Istanbul-Kandi	79.50 320 P	P	17 11 08.9 -1.1
SSW	Stow on the Wo	79.53 344 eP	P	17 11 10.2 +0.1
MIAR	Mount Ida	79.56 50 eP	P	17 11 09.2 -1.1
MIAR	comp-Z,41nm,1.2s,mb5.2	pmax	pmax	
MIAR	Mount Ida	79.56 50 eP	P	17 11 09.2 -1.1
MIAR	comp-Z,41nm,1.2s,mb5.2			
CEYT	Ceyhan	79.58 314 eP	P	17 11 11.6 +1.2
CEYT	Ceyhan	79.58 314 eP	P	17 11 11.5 +1.1
CEYT	Seneffe	79.63 340 P	P	17 11 10.9 +0.3
CEYT	comp-Z,51nm,1.2s,mb5.3			
HTR	Trewern Hill	79.68 345 i P	P	17 11 10.6 -0.3
RUP	Ruppelstein	79.70 338 eP	P	17 11 11.1 +0.1
COBT	Iskenderun	79.71 313 i P	P	17 11 12.9 +1.8
MCH1	Michaelchurch	79.71 345 eP	P	17 11 10.9 -0.2
MCH1	comp-Z,91nm,1.2s,mb5.6	Amb	Amb	17 11 14.1
MCH1	Michaelchurch	79.71 345 eP	P	17 11 10.9 -0.2
MCH1	comp-Z,91nm,1.2s,mb5.6	Amb	Amb	17 11 14.1
MCH1	comp-Z,91nm,1.2s,mb5.6	AMS	AMS	17 53 19.1
ELBA	Catalca	79.71 321 i P	P	17 11 11.1 0.0
ADVT	Abdulvahap	79.71 320 P	P	17 11 11.2 +0.1
ADVT	Abdulvahap	79.71 320 P	P	17 11 11.2 +0.1
CTT	Catalca	79.71 321 eP	P	17 11 11.4 +0.3
CTT	Catalca	79.71 321 eP	P	17 11 11.4 +0.3
KARA	Karaisali	79.73 314 eP	P	17 11 11.7 +0.5
YLV	Yalova	79.77 320 eP	P	17 11 11.2 -0.3
YLV	Yalova	79.77 320 P	P	17 11 11.2 -0.3
KTD	Kalmit	79.78 338 eP	P	17 11 12.5 +1.0
BORA	Borjeh	79.84 319 i P	P	17 11 11.8 0.0
EDRB	Edirne	79.86 322 eP	P	17 11 10.4 -1.5
EDRB	Edirne	79.86 322 eP	P	17 11 10.4 -1.5
HDD	Heidenheim-Cha	79.87 336 eP	P	17 11 12.5 +0.5
GIVF	Givet	79.88 340 eP	P	17 11 11.2 -0.8
GIVF	comp-Z,176nm,1.1s,mb5.6			
GIVF	Givet	79.88 340 eP	P	17 11 11.2 -0.8
GIVF	comp-Z,88nm,1.1s,mb5.6	pmax	pmax	
GIVF	Givet	79.88 340 eP	P	17 11 11.2 -0.8
GIVF	comp-Z,88nm,1.1s,mb5.6			
USIN	University of	79.90 44 eP	P	17 11 11.4 -0.7
USIN	comp-Z,37nm,0.8s,mb5.5			
IZI	Iznik	79.91 320 eP	P	17 11 12.7 +0.5
IZI	Iznik	79.91 320 P	P	17 11 12.6 +0.4
KOGS	Kog	79.92 331 eP	P	17 11 11.6 -0.6
DOU	Dourbes	79.94 340 P	P	17 11 12.4 +0.1
DOU	comp-Z,39nm,1.3s,mb5.2			
FUR	Furstenfeldbru	79.94 335 eP	P	17 11 12.2 -0.1

FUR	Furstenfeldbru	79.94 335 eP	P	17 11 12.2 -0.1
FUR	comp-Z,164nm,1.0s,mb5.9	pmax	pmax	
ESKT	Eskisehir	79.94 318 eP	P	17 11 12.5 +0.2
ESKT	Eskisehir	79.94 318 i P	P	17 11 13.1 +0.7
ESKT	Eskisehir	79.94 318 eP	P	17 11 12.4 0.0
SWN1	Swindon	79.96 344 P	P	17 11 12.7 +0.3
GEMT	Gemlik	79.96 320 eP	P	17 11 12.5 +0.1
GEMT	Gemlik	79.96 320 P	P	17 11 12.4 0.0
WLF	Walterfang	79.96 339 P	P	17 11 13.0 +0.6
WLF	comp-Z,39nm,1.4s,mb5.2			
WLF	Walterfang	79.96 339 eP	P	17 11 11.8 -0.6
WLF	comp-Z,52nm,1.0s,mb5.4			
KIZIT	Kizilic	79.98 317 eP	P	17 11 12.6 0.0
KIZIT	Kizilic	79.98 317 P	P	17 11 12.5 0.0
STU	Stuttgart	79.98 337 eP	P	17 11 12.2 -0.4
STU	comp-Z,143nm,1.1s,mb5.8			
STU	Stuttgart	79.98 337 eP	P	17 11 12.2 -0.4
STU	comp-Z,112nm,0.9s,mb5.8	pmax	pmax	
HGH	Gray Hill	80.02 345 i P	P	17 11 13.0 +0.2
MEF	Mencas	80.06 342 eP	P	17 11 11.9 -1.1
BAIF	Baives	80.06 340 eP	P	17 11 12.4 -0.6
BAIF	comp-Z,162nm,1.2s,mb5.4			
BAIF	Baives	80.06 340 eP	P	17 11 12.4 -0.6
BAIF	comp-Z,81nm,1.2s,mb5.5	pmax	pmax	
BAIF	Baives	80.06 340 eP	P	17 11 12.4 -0.6
BAIF	comp-Z,81nm,1.2s,mb5.5			
HTY	Hatay	80.08 313 eP	P	17 11 14.5 +1.4
HTY	Hatay	80.08 313 P	P	17 11 14.4 +1.3
GROS	Grobnik	80.15 332 eP	P	17 11 12.9 -0.6
FORT	Forrest	80.17 202 eP	P	17 11 11.8 -1.8
FORT	comp-Z,39nm,0.8s,mb5.4			
LANF	Langenberg	80.17 338 eP	P	17 11 13.2 -0.3
LBG	Lerchenberg	80.19 337 P	P	17 11 14.3 +0.6
DIM	Dimitrovgrad	80.20 323 P	P	17 11 14.7 +0.9
ULDT	Uludag	80.22 320 P	P	17 11 14.6 +0.8
EUCH	Euch	80.23 324 eP	P	17 11 14.2 +0.8
KBA	Koelnbreinsper	80.30 333 i P	P	17 11 14.9 +0.7
KBA	comp-Z,292nm,0.9s,mb5.2,SNR=104			
KBA	Koelnbreinsper	80.30 333 i P	P	17 11 14.9 +0.7
KBA	comp-Z,292nm,0.9s,mb5.2	pmax	pmax	
MERS	Mersin	80.30 314 eP	P	17 11 13.6 -0.7
ALLY	Alegheny Colle	80.32 37 eP	P	17 11 13.8 -0.6
PCB	Penyushte	80.34 324 eP	P	17 11 14.7 +0.2
WCI	Wyandotte Cave	80.35 43 eP	P	17 11 13.3 -1.2
WCI	comp-Z,98nm,1.5s,mb5.5			
OBKA	Obir	80.42 332 i P	P	17 11 15.2 +0.3
KONT	Konya-Tatoy	80.50 316 P	P	17 11 14.9 -0.5
KONT	Konya-Tatoy	80.50 316 P	P	17 11 14.8 -0.5
MRMT	Marmara Adasi	80.52 321 eP	P	17 11 14.5 -0.9
MRMT	Marmara Adasi	80.52 321 P	P	17 11 14.5 -1.0
STR	Strasbourg	80.54 337 eP	P	17 11 16.7 +1.1
GRS	Gruza	80.56 327 i P	P	17 11 15.0 -0.7
BNT	Bandirma	80.58 321 eP	P	17 11 16.4 +0.6
BNT	Bandirma	80.58 321 P	P	17 11 16.4 +0.6
WATA	Walderalm	80.60 335 i P	P	17 11 16.6 +0.7
WATA	comp-Z,138nm,1.0s,mb5.9,SNR=42			
WATA				

15d 16h

Table of radio stations with columns for call sign, frequency, power, and other technical details. Includes stations like URLA, MMK, MMAI, OHR, etc.

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Table of radio stations with columns for call sign, frequency, power, and other technical details. Includes stations like SBF, RVF, MVI, etc.

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Table of radio stations with columns for call sign, frequency, power, and other technical details. Includes stations like CAEH, MTE, MTE, etc.

WMQ	comp=N,2j,m,17.0s,MS5.6	LR	LR		
WMQ	comp=E,4j,m,14.0s,MS5.6	LR	LR		
KMI	comp=Z,3j,m,16.0s,MS5.3	P	P	17 09 27.6 +1.0	
KMI	Kunming	45.08 260	P	P	17 09 31.3 -2.8
KMI			AP	pP	17 16 04.4 +0.2
KMI			S	S	17 19 23.9 -2.8
KMI			SS	SS	17 20 07.5
KMI			SSS	SSS	
KMI			SSS	SSS	
KMI	comp=Z,100nm,1.0s,mb5.6	LR	LR		
KMI	comp=N,884nm,16.7s,MS5.1	LR	LR		
KMI	comp=E,2j,m,16.7s,MS5.1	LR	LR		
KMI	comp=Z,2j,m,16.7s,MS5.1	LR	LR		
DLBC	Dease Lake	45.85 46	eP	P	17 09 33.6 +0.9
MK31	Makanchi Array	46.96 297	flP	P	17 09 40.6 -0.7
MKAR	Makanchi Array	46.96 297	flP	P	17 09 41.0 -0.3
MKAR	comp=Z,59nm,0.9s,mb5.5,baz=64,slow=8.5,SNR=13		PcP	PcP	17 11 12.7 -0.9
MKAR	Makanchi Array	46.96 297	flP	P	17 09 41.0 -0.3
MKAR					17 11 12.7
MKAR	comp=Z,59nm,0.9s		pmax	pmax	
KURK	Kurchatov	47.41 304	P	P	17 09 43.9 -1.0
KURK	comp=Z,115nm,1.0s,mb5.5,SNR=8.9		P	P	17 09 44.1 -0.8
KURK	Kurchatov	47.41 304	P	P	17 09 44.6 -0.2
KURK	SNR=9				17 09 43.6 -1.3
KURK	Kurchatov	47.41 304	flP	P	17 09 43.6 -1.3
KURK	SNR=9		pmax	pmax	
KURK	comp=Z,116nm,0.9s,mb5.8		P	P	17 09 43.6 -1.3
KURK	Kurchatov	47.41 304	flP	P	17 10 04.6 -0.2
KURK	comp=Z,116nm,0.9s,mb5.8		P	P	17 10 04.6 -0.2
ALE	Alert	50.01 6	P	P	17 10 09.5 +2.9
LSA	Lhasa	50.17 273	P	P	17 10 08.2 +2.7
LSA	Lhasa	50.17 273	eP	P	17 10 07.1 -1.5
CHKZ	Chkalovo	50.51 310	flP	P	17 10 07.1 -1.5
CHKZ	comp=Z,162nm,1.0s,mb5.9		P	P	17 10 09.5 -1.2
NANT	Nan	50.78 255	flP	P	17 10 11.6 -0.3
NANT	comp=Z,638nm,1.0s,mb5.5		P	P	17 11 27.9 -0.1
BVAR	Borovoye Arr	50.93 310	P	P	17 10 11.6 -0.2
BVAR	comp=Z,9.4nm,0.5s,mb5.0,baz=53,slow=8.5,SNR=7.6		PcP	PcP	17 11 27.9 -0.1
BVAR	Borovoye Arr	50.93 310	P	P	17 11 27.9
BVAR			pmax	pmax	
BVAR	comp=Z,9.0nm,0.5s		pmax	pmax	
BRVK	Borovoye	50.97 310	P	P	17 10 11.4 -0.7
BRVK	comp=Z,390nm,1.1s,mb5.2,SNR=5.3		P	P	17 10 11.5 -0.6
BRVK	Borovoye	50.97 310	P	P	17 10 11.5 -0.6
BRVK	SNR=7.7				17 10 11.5 -0.6
BRVK	Borovoye	50.97 310	P	P	17 10 11.5 -0.6
BRVK	SNR=7.7				17 10 11.2 -0.9
BRVK	Borovoye	50.97 310	flP	P	17 10 11.2 -0.9
BRVK	SNR=7.7		pmax	pmax	
BRVK	comp=Z,75nm,0.9s,mb5.6		P	P	17 10 11.2 -0.9
BRVK	Borovoye	50.97 310	flP	P	17 10 12.6 -0.6
BRVK	comp=Z,75nm,0.9s,mb5.6		P	P	17 10 12.6 -0.6
RES	Resolute Bay	51.11 181	eP	P	17 10 12.6 -0.6
RES			pmax	pmax	
RES	comp=Z,1j,m,0.9s		P	P	17 10 12.6 -0.6
RES	Resolute Bay	51.11 181	eP	P	17 10 15.0 +1.6
RES	comp=Z,1j,m,0.9s		P	P	17 10 13.6 -0.2
KKTK	Khon Kaen	51.20 37	P	P	17 10 13.6 -0.2
KKTK	comp=Z,648nm,0.5s		P	P	17 10 13.6 -0.2
YKA	Yellowknife Ar	51.20 37	P	P	17 10 14.0 0.0
YKA	comp=Z,34nm,1.0s,mb5.2,baz=297,slow=7.4,SNR=11		P	P	17 10 21.1 +1.7
YKA	Yellowknife Ar	51.20 37	P	P	17 10 21.1 +1.7
YKA			pmax	pmax	
YKA	comp=Z,34nm,1.0s		P	P	17 10 21.1 +1.7
YKA	Kota Kinabalu	51.23 230	P	P	17 10 21.1 +1.7
YKA	Chiang Mai	51.95 257	P	P	17 10 21.1 +1.7
YKA	SNR=10				17 10 21.1 +1.7
CHTO	Chiang Mai	51.95 257	P	P	17 10 21.1 +1.7
CHTO	SNR=10				17 10 21.1 +1.7
CHTO	Chiang Mai	51.95 257	P	P	17 10 21.1 +1.7
CHTO	SNR=10				17 10 21.1 +1.7
CHTO	Chiang Mai	51.95 257	P	P	17 10 21.1 +1.7
CHTO	SNR=10				17 10 20.4 +1.0
CHTO	Chiang Mai	51.95 257	flP	P	17 10 20.4 +1.0
CHTO	SNR=10		pmax	pmax	
CHTO	comp=Z,120nm,0.9s,mb5.8		P	P	17 10 20.4 +1.0
CHTO	Chiang Mai	51.95 257	flP	P	17 10 22.5 +1.2
CHTO	comp=Z,120nm,0.9s,mb5.8		P	P	17 10 22.5 +1.2
CM31	Chiang Mai Arr	52.20 256	P	P	17 10 24.9 -0.3
CM31	comp=Z,37nm,0.7s,mb5.4		P	P	17 10 22.4 -2.8
KBS	Kingsbay	52.73 351	eP	P	17 10 31.3 +0.5
KBS			pmax	pmax	
KBS	comp=Z,67nm,1.2s,mb5.5		P	P	17 10 31.0 +0.1
KBS	Chumysh	53.49 297	P	P	17 10 32.3 +1.0
KBS	SNR=8.9				17 10 34.2 +2.0
USP	Ospenivka	53.50 297	P	P	17 10 33.9 +0.4
USP	SNR=22				17 10 32.5 -0.9
KBK	Karagaybulak	53.55 296	P	P	17 10 32.6 -0.8
KBK	SNR=12				17 10 32.6 -0.8
KZA	Kyzan	53.68 295	P	P	17 10 32.6 -0.8
KZA	SNR=8				17 10 32.6 -0.8
KAA	Ala-Archa	53.85 296	P	P	17 10 32.6 -0.8
KAA	SNR=19				17 10 32.6 -0.8
AAK	Ala-Archa	53.85 296	P	P	17 10 32.6 -0.8
AAK	comp=Z,73nm,0.8s,mb5.7		P	P	17 10 32.6 -0.8
AAK	Ala-Archa	53.85 296	flP	P	17 10 32.6 -0.8
AAK	comp=Z,73nm,0.8s,mb5.7		P	P	17 10 36.9 +0.4
AAK	Ala-Archa	53.85 296	flP	P	17 10 40.7 +1.6
AAK	comp=Z,73nm,0.8s,mb5.7		P	P	17 10 40.7 +1.6
EKS2	Erkin-Say	54.27 297	P	P	17 10 40.8 +1.5
EKS2	SNR=13				17 10 45.8 -1.1
AML	Almayashu	54.62 296	P	P	17 10 47.6 -2.3
AML	SNR=5.2				17 11 43.3 +1.3
KSH	Kashi	54.64 292	P	P	17 12 44.0 +2.2
KSH			AP	pP	17 15 41.6 0.0
KSH			XP	pP	17 18 18.3 +0.6
KSH			PCP	pP	17 18 25.9 -4.4
KSH			PP	PP	17 20 26.3 -0.6
KSH			PPP	PPP	17 22 00.8 +0.2
KSH			SCP	ScP	
KSH			PCS	PcS	
KSH			S	S	
KSH			SS	SS	
KSH			SSS	SSS	
KSH			SSS	SSS	
KSH	comp=Z,146nm,0.8s,mb5.1		AMB	AMB	
KSH	comp=Z,1j,m,4.5s		LR	LR	
KSH	comp=N,6j,m,11.0s,MS6.2		LR	LR	
KSH	comp=E,10j,m,12.4s,MS6.2		LR	LR	
KSH	comp=Z,7j,m,14.9s,MS5.9		LR	LR	
B05A	Bryant	54.66 55	flP	P	17 10 38.7 -0.6
B05A	baz=54				17 10 40.9 +1.0
E03A	Lebam	54.74 57	flP	P	17 10 40.2 -0.6
E03A	baz=54				17 10 41.9 -0.8
B06A	Marblemount	54.86 54	flP	P	17 10 41.9 -0.8
B06A	baz=55				17 10 41.9 -0.8
ARU	Arti	55.12 318	P	P	17 10 41.9 -0.8
ARU	comp=Z,432nm,0.7s,SNR=5.5		P	P	17 10 41.9 -0.8
ARU	Arti	55.12 318	flP	P	17 10 41.9 -0.8

ARU		e		17 11 43.1	
ARU		eS	S	17 12 43.9	
ARU		eSS	SS	17 18 25.2 +1.1	
ARU		eSS	SS	17 22 08.1 0.0	
ARU	comp=Z,58nm,0.8s,mb5.7		pmax	pmax	
ARU	Arti	55.12 318	flP	P	17 10 41.2 -1.5
A07A	Ashnola River,	55.19 53	flP	P	17 10 42.3 -0.9
A07A	comp=Z,75nm,0.9s,mb5.7		P	P	17 10 43.0 -0.3
E04A	Onalaska	55.20 57	flP	P	17 10 46.7 -1.2
E04A	baz=55				17 10 48.6 -1.2
A08A	Turner Farm, O	55.25 53	flP	P	17 10 50.0 0.0
A08A	baz=56				17 10 50.0 0.0
C07A	Waterville	56.11 54	flP	P	17 10 50.0 0.0
C07A	baz=56				17 10 50.0 0.0
B08A	Colville Reser	56.15 53	P	P	17 10 50.0 0.0
B08A	baz=56,SNR=5.0				17 10 53.6 +1.0
A09A	Danville	56.22 52	P	P	17 10 52.0 -1.1
A09A	comp=Z,59nm,0.9s,mb5.5,baz=64,slow=8.5,SNR=13		PcP	PcP	17 10 52.9 -0.2
J02A	Umpqua	56.50 60	flP	P	17 10 52.9 -0.2
J02A	baz=56				17 10 52.9 -0.6
EDM	Edmonton	56.57 46	eP	P	17 10 52.9 -0.6
H04A	Detroit Lake	56.58 58	flP	P	17 10 52.9 -0.6
H04A	baz=56				17 10 52.9 -0.6
C08A	Higginbotham F	56.63 54	flP	P	17 10 52.9 -0.6
C08A	baz=56				17 10 52.9 -0.6
B09A	Rice	56.77 53	flP	P	17 10 52.9 -0.6
B09A	baz=56				17 10 52.9 -0.6
G05A	Wamic	56.77 57	flP	P	17 10 52.9 -0.6
G05A	baz=56				17 10 52.9 -0.6
F06A	Goldendale	56.78 57	flP	P	17 10 52.9 -0.6
F06A	baz=56				17 10 52.9 -0.6
E07A	Sunnyside	56.87 55	flP	P	17 10 52.9 -0.6
E07A	baz=57				17 10 52.9 -0.6
K02A	Glendale	56.89 61	flP	P	17 10 52.9 -0.6
K02A	baz=57				17 10 52.9 -0.6
I04A	Tentick Farm,	56.95 59	flP	P	17 10 52.9 -0.6
I04A	baz=57				17 10 52.9 -0.6
LVZ	Lovozero	56.95 337	eP	P	17 10 52.9 -0.6
LVZ	comp=Z,75nm,0.9s,mb5.5,baz=64,slow=8.5,SNR=13		P	P	17 10 52.9 -0.6
C09A	Chrisman Ranch	57.05 53	flP	P	17 10 52.9 -0.6
C09A	baz=56				17 10 52.9 -0.6
D08A	Wollman Farm,	57.11 54	flP	P	17 10 52.9 -0.6
D08A	baz=57				17 10 52.9 -0.6
H05A	Madras	57.16 58	flP	P	17 10 52.9 -0.6
H05A	baz=57				17 10 52.9 -0.6
G06A	Carlson Farm,	57.17 57	flP	P	17 10 52.9 -0.6
G06A	baz=57				17 10 52.9 -0.6
L02A	Cave Junction	57.18 62	flP	P	17 10 52.9 -0.6
L02A	baz=57				17 10 52.9 -0.6
F07A	Phinny Hill Vi	57.20 56	flP	P	17 10 52.9 -0.6
F07A	baz=57				17 10 52.9 -0.6
E08A	Dider Farm, El	57.26 55	flP	P	17 10 52.9 -0.6
E08A	baz=57				17 10 52.9 -0.6
A11A	Hill Mountain,	57.44 51	flP	P	17 10 52.9 -0.6
A11A	baz=57				17 10 52.9 -0.6
J04A	Umpqua Nationa	57.45 60	flP	P	17 10 52.9 -0.6
J04A	baz=57				17 10 52.9 -0.6
D09A	Jones Farm, Ri	57.45 54	flP	P	17 10 52.9 -0.6
D09A	baz=57				17 10 52.9 -0.6
KEV	Kevo	57.54 340	eP	P	17 10 52.9 -0.6
KEV	comp=Z,84nm,1.5s,mb5.5		pmax	pmax	
KEV	Kevo	57.54 340	eP	P	17 11 03.5 +3.6
KEV	comp=Z,84nm,1.5s,mb5.5		P	P	17 11 03.5 +3.6
C10A	Spilker Farm,	57.57 53	flP	P	17 11 03.5 +3.6
C10A	baz=57				17 11 03.5 +3.6
H06A	Lindquist Farm	57.63 57	flP	P	17 11 03.5 +3.6
H06A	baz=58				17 11 03.5 +3.6
G07A	Ruggs Ranch, H	57.71 57	flP	P	17 11 03.5 +3.6
G07A	baz=58				17 11 03.5 +3.6
E09A	Wood Farm, Sta	57.86 55	flP	P	17 11 03.5 +3.6
E09A	baz=58				17 11 03.5 +3.6
F08A	Pendleton	57.92 56	flP	P	17 11 03.5 +3.6
F08A	baz=58				17 11 03.5 +3.6
J05A	Fort Rock	57.94 59	flP	P	17 11 03.5 +3.6
J05A	baz=58				17 11 03.5 +3.6
YBH	Yreka Blue Hor	57.96 61	flP	P	17 11 03.5 +3.6
YBH	baz=58				17 11 03.5 +3.6
ARCES	ARCCESS Array B	58.05 341	P	P	17 11 03.5 +3.6
ARCES	comp=Z,139nm,0.7s,mb5.1,baz=26,slow=				

N11A	Elko Archery C	62.70	59	↓P	P	17 11 36.1 +0.8	BBRC	Big Bear Sol-O	66.18	65	↑P	P	17 11 57.9 -0.2	AKASG	Malin Array Be	71.69	326	P	P	17 12 31.7 -0.6
KCC	Kaiser Creek	62.72	64	P	P	17 11 35.4 -0.1	CCUT	Cedar City	66.21	60	eP	P	17 11 57.6 -0.6	AKASG	Malin Array B	71.69	326	P	P	17 12 31.7 -0.7
M12A	Wells	62.80	58	P	P	17 11 37.2 +1.2	U12A	Valley of Fire	66.23	62	↓P	P	17 11 57.5 -0.9	AKASG	comp=Z,79nm,0.7s			pmax	pmax	
V04C	Ramage Ranch,	62.82	66	↓P	P	17 11 36.4 +0.3	TMUT	Trail Mountain	66.33	57	eP	P	17 11 58.9 -0.1	KIEV	Kiev	71.70	326	eP	P	17 12 31.3 -1.1
R08A	Mina	62.82	62	↓P	P	17 11 36.8 +0.7	MURC	Murrieta	66.44	66	↓P	P	17 11 58.6 -1.1	KIEV	comp=Z,103nm,0.8s,mb5.8			pmax	pmax	
PKD	Parkfield	62.83	66	↑P	P	17 11 36.2 0.0	V12A	Nelson	66.50	62	↑P	P	17 11 59.9 -0.3	KIEV	Kiev	71.70	326	eP	P	17 12 31.3 -1.1
U05C	Westside ANR,	62.85	65	↓P	P	17 11 36.9 +0.6	GMRC	Granite Mounta	66.62	64	P	P	17 12 01.1 +0.2	ASAR	Alice Springs	71.93	198	P	P	17 12 32.9 -0.9
L13A	Double Diamond	62.94	57	↓P	P	17 11 37.7 +0.8	ABKT	Ailbek	66.64	301	P	P	17 12 02.4 +1.4	ASAR	Alice Springs	71.93	198	P	P	17 12 32.9 -0.9
GCMT	Greycliff	62.97	51	eP	P	17 11 32.1 -5.0	W12A	Cal Nev Ari	66.77	63	↓P	P	17 12 02.5 +0.7	ANMO	Albuquerque	72.06	58	P	P	17 12 34.2 -0.3
GCMT	Carvers	63.08	61	↑P	P	17 11 38.1 +0.2	ULM	Lac du Bonnet	66.79	41	P	P	17 12 01.2 -0.7	ANMO	Albuquerque	72.06	58	eP	P	17 12 34.0 -0.6
N12A	Clover Valley,	63.08	58	↓P	P	17 11 39.0 +1.1	SRU	Lac du Bonnet	66.79	41	eP	P	17 12 00.2 -1.8	ANMO	comp=Z,1.7nm,1.2s			pmax	pmax	
MTUM	Tungsten Hills	63.17	63	eP	P	17 11 39.0 +0.5	SRU	San Rafael	66.85	57	eP	P	17 12 02.0 -0.4	ANMO	Albuquerque	72.06	58	eP	P	17 12 34.0 -0.5
O11A	Cowboy Ranch,	63.17	59	P	P	17 11 39.2 +0.8	SRU	San Rafael	66.85	57	eP	P	17 12 02.0 -0.4	PALK	Pallekele	72.55	262	P	P	17 12 38.4 +0.9
YFT	Old Faithful	63.19	53	eP	P	17 11 38.6 0.0	PFO	Pinyon Flat Ob	66.90	65	eP	P	17 12 01.6 -1.1	PALK	Pallekele	72.55	262	P	P	17 12 38.6 +1.2
PTRM	Twisselman Ran	63.22	66	eP	P	17 11 38.6 -0.1	PFO	comp=Z,12nm,1.1s,mb4.8					17 12 01.6 -1.0	PALK	Pallekele	72.55	262	eP	P	17 12 38.6 +1.2
MOR8	Moi Rana	63.23	342	eP	P	17 11 36.9 -1.9	PFO	Pinyon Flat Ob	66.90	65	eP	P	17 12 02.5 -0.2	GNI	Garni	72.61	310	P	P	17 12 39.8 +1.9
MOR8	comp=Z,153nm,0.9s,mb6.1					17 11 38.7	BELO	Belle Mtn.	66.93	65	↓P	P	17 12 02.0 -0.8	GNI	Garni	72.61	310	eP	P	17 12 39.6 +1.8
MOR8	Moi Rana	63.23	342	eP	P	17 11 40.8 -5.9	109C	Camp Elliot, M	66.97	66	↑P	P	17 12 03.2 +0.1	GNI	Garni	72.61	310	eP	P	17 12 39.7 +1.9
MOR8	Montello	63.27	57	↑P	P	17 11 36.9 -1.9	RSSD	Black Hills	67.07	50	eP	P	17 12 02.2 -1.6	SOC	Sochi	72.62	316	eP	P	17 12 36.2 -1.7
M13A	Montello	63.27	57	↑P	P	17 11 39.3 +0.2	RSSD	comp=Z,26nm,0.9s,mb5.3					17 12 02.2 -1.6	SOC	SOC			eS	S	17 12 23.1 +1.9
V05C	Boulder Hill,	63.28	65	↑P	P	17 11 39.8 +0.6	IRM	Iron Mountain	67.35	64	P	P	17 12 05.2 -0.3	SOC	SOC			eS	S	17 22 47.6
HELL	Mitchell Peak,	63.31	64	P	P	17 11 39.2 -0.1	VORD	Divnogorie	67.37	321	eP	P	17 12 04.0 -1.6	SOC	comp=Z,76nm,1.2s,mb5.5			MLR	MLR	
S08C	White Mtn Res	63.32	63	P	P	17 11 40.4 +0.9	VORD	comp=Z,50nm,0.8s,mb5.6					17 12 04.0 -1.6	SOC	comp=Z,6um,15.0s,MS6.0					17 12 39.1 +0.5
RCTC	Rector, Farmer	63.41	64	↓P	P	17 11 40.4 +0.3	VORD	comp=N,90nm,0.9s					17 12 05.3 -0.5	BSD	Bornholm Skovb	72.74	336	iP	P	17 12 39.1 +0.5
P11A	Circle Ranch,	63.48	60	↓P	P	17 11 40.7 +0.2	MONP	Monument Peak	67.40	66	↑P	P	17 12 06.3 -0.2	ANN	Anapa	72.79	318	eP	P	17 12 37.3 -1.6
R09A	Tonopah	63.52	62	P	P	17 11 41.2 +0.4	BC3	Big Chuck Mtn	67.50	64	P	P	17 12 06.3 -0.2	ANN	ANN					
TPH	Tonopah	63.54	62	eP	P	17 11 40.4 -0.5	W13A	Hualapai Mount	67.51	62	P	P	17 12 06.8 +0.3	MUD	Monsted U'grnd	73.02	340	iP	P	17 12 40.9 +0.6
TPH	comp=Z,29nm,1.0s,mb5.3					17 11 40.4 -0.4	X13A	Yucca	67.88	63	P	P	17 12 09.1 +0.2	MUD	Monsted U'grnd	73.02	340	iP	P	17 12 40.9 +0.6
DCID1	Drake Creek	63.55	54	eP	P	17 11 41.8 +0.8	PDMCI	Parker Dam,Lak	67.88	63	P	P	17 12 08.9 0.0	CBKS	Cedar Bluff	73.10	51	eP	P	17 12 38.4 -2.3
TIN	Tinemaha	63.57	63	↓P	P	17 11 41.0 0.0	W14A	Seigman	67.92	62	P	P	17 12 09.9 +0.8	CBKS	Cedar Bluff	73.10	51	eP	P	17 12 38.4 -2.3
N13A	Wendover, West	63.57	58	P	P	17 11 42.0 +0.9	PV10	Paradox Valley	68.20	57	eP	P	17 12 11.0 +0.1	CBKS	Cedar Bluff	73.10	51	eP	P	17 12 38.4 -2.3
SMMC	Simmler	63.57	66	↑P	P	17 11 41.7 +0.6	WB2	Warramunga Arr	68.23	199	eP	P	17 12 09.1 -2.0	SCHO	Schefferville	73.59	23	P	P	17 12 45.0 +1.4
RLMT	Red Lodge	63.62	52	eP	P	17 11 39.9 -1.5	WRA	Warramunga Arr	68.24	199	P	P	17 12 09.1 -2.0	GKPK	Gorka Klasztor	73.68	334	eP	P	17 12 43.5 -0.6
KAF	comp=Z,2.7nm,1.0s,mb5.2					17 11 39.9 -1.5	WRA	Warramunga Arr	68.24	199	P	P	17 12 09.1 -2.0	SCIA	State Center	74.17	45	eP	P	17 12 45.8 -1.3
KAF	comp=Z,1.0nm,0.7s,mb5.0,baaz=36,slow=6.3					17 11 39.9 -1.5	WRA	comp=Z,1.4nm,0.8s					17 12 11.7 +0.2	SIM	Simferopol	74.19	320	eP	P	17 12 48.5 +1.4
O12A	Currie	63.63	59	P	P	17 11 42.1 +0.7	GLA	Glamis	68.29	65	P	P	17 12 11.7 +0.2	LVV	L'vov	74.35	328	eP	P	17 12 47.5 -0.6
S09A	Goldfield	63.76	62	P	P	17 11 42.8 +0.5	Y13A	Salome	68.40	63	↑P	P	17 12 11.9 -0.2	KIS	Kishinev	74.82	324	eP	P	17 12 48.0 -2.8
VES	Vestal, Richgr	63.81	65	↓P	P	17 11 42.4 -0.3	NB2	NORSAR Subarra	68.43	341	P	P	17 12 11.9 -0.4	KIS	comp=Z,600nm,1.0s,mb5.5			MLR	MLR	
REDW	Red Top Meadow	63.88	54	eP	P	17 11 43.4 +0.2	NOA	NORSAR Array B	68.43	341	P	P	17 12 11.9 -0.4	KIS	comp=Z,3um,16.0s,MS5.7			MLR	MLR	
PKM	Peak Mountain	63.95	66	↑P	P	17 11 44.0 +0.4	NOA	NORSAR Array B	68.43	341	P	P	17 12 11.9 -0.4	KIS	comp=E,2um,15.0s			MLR	MLR	
Q11A	Duckwater	63.99	60	↓P	P	17 11 43.5 -0.4	W15A	Williams	68.44	61	↑P	P	17 12 13.4 +1.0	KIS	comp=Z,2um,16.0s			MLR	MLR	
A12A	McGill	64.04	59	P	P	17 11 44.8 +0.6	X14A	Yava	68.54	62	P	P	17 12 13.8 +0.8	KIS	comp=Z,600nm,1.0s,mb5.5			MLR	MLR	
PH20	Auburn Hatcher	64.13	54	eP	P	17 11 43.3 -1.4	PV01	Paradox Valley	68.64	57	eP	P	17 12 13.7 0.0	KIS	comp=Z,2um,16.0s			MLR	MLR	
GRAC	Grapevine Rang	64.13	63	P	P	17 11 45.5 +0.7	HFS	Hagfors	68.65	339	P	P	17 12 13.4 -0.3	KWP	Kalwaria	74.98	329	eP	P	17 12 52.3 +0.6
LAO	LASA Array S	64.21	49	eP	P	17 11 43.8 -1.5	HFS	Hagfors	68.65	339	P	P	17 12 13.4 -0.3	KWP	comp=Z,3.4nm,19.6s			eP	P	17 12 52.3 +0.6
FA1	FINESS Array B	64.22	335	eP	P	17 11 43.7 -1.7	NAO01	NORSAR Array S	68.68	341	eP	P	17 12 13.0 -0.9	MNTX	Cornudas Mount	74.99	60	eP	P	17 12 51.2 -0.6
FINES	FINESS Array B	64.22	335	eP	P	17 11 44.5 -0.9	WUAZ	Wupatki	68.75	61	eP	P	17 12 14.0 -0.3	RUE	Ruedersdorf	75.39	336	eP	P	17 12 54.0 -0.1
FINES	comp=Z,24nm,0.7s,mb5.3,baaz=46,slow=8.2,SNR=8.3					17 11 44.5 -0.9	WUAZ	Wupatki	68.75	61	↑P	P	17 12 15.0 +0.7	OJC	Ojcow	75.49	331	eP	P	17 12 54.8 +0.2
FINES	comp=Z,24nm,0.7s					17 11 44.5 -0.9	Y14A	Wickenburg	68.82	63	P	P	17 12 15.0 +0.2	STHS	Stebnicka Huta	75.68	330	eP	P	17 12 56.3 +0.6
FINES	FINESS Array B	64.22	335	eP	P	17 11 44.5 -0.9	FITZ	Fitzroy Crossi	68.87	208	eP	P	17 12 14.4 -0.7	STHS	Stebnicka Huta	75.68	330	eP	P	17 12 56.3 +0.6
ISA	Isabella	64.23	335	P	P	17 11 45.3 -0.6	X15A	Humboldt	68.92	62	P	P	17 12 16.3 +0.9	KOLS	Kolonice sedi	75.72	329	eP	P	17 12 56.2 +0.2
Q12A	Willow Creek R	64.36	60	↓P	P	17 11 46.8 +0.6	BORG	Borgarnes	69.01	357	P	P	17 12 16.8 +0.9	BURAR	Bucovina Array	75.74	326	iP	P	17 12 53.8 -3.6
ARVC	Arvin	64.42	65	↓P	P	17 11 47.0 +0.3	ISCO	Idaho Springs	69.18	54	eP	P	17 12 17.1 +0.1	UZH	Uzhgorod	75.97	329	eP	P	17 13 16.2
DAC	Darwin (Calif)	64.46	64	eP	P	17 11 46.5 -0.4	ISCO	comp=Z,16nm,0.9s,mb5.0					17 12 17.1 +0.1	BANOM	Banah	75.98	293	P	P	17 12 58.6 +1.2
DAC	comp=Z,13nm,0.9s,mb5.0					17 11 46.5 -0.4	Z14A	Wintersburg	69.25	63	↑P	P	17 12 16.9 -0.5	BANOM	Banah	75.98	293	P	P	17 12 58.6 +1.2
HUT	Hardware Ranch	64.51	56	eP	P	17 11 47.0 -0.9	MVCO	Mesa Verde	69.31	58	eP	P	17 12 17.5 -0.3	BANOM	Banah	75.98	293	P	P	17 12 58.6 +1.2
MPMC	Manual Prospec	64.56	64	P	P	17 11 48.6 +0.4	MVCO	comp=Z,65nm,0.9s,mb5.0					17 12 17.5 -0.3	BANOM	Banah	75.98	293	P	P	17 12 58.6 +1.2
FURC	Furnace Creek,	64.78	63	P	P	17 11 49.5 +0.4	KONO	Kongsberg	70.04	341	eP	P	17 12 18.7 +0.9	BANOM	Banah	75.98	293	P	P	17 12 58.6 +1.2
DUG	Dugway	64.81	58	eP	P	17 11 48.9 -0.3	KONO	comp=Z,70nm,1.1s,mb5.5					17 12 20.0 -0.3	BANOM	Banah	75.98	293	P	P	17 12 58.6 +1.2
DUG	comp=Z,41nm,1.0s,mb5.4					17 11 48.9 -0.3	115A	Sonoran Desert	70.14	63	P	P	17 12 23.5 +0.6	NIE	Niedzica	76.00	304	iP	P	17 12 58.2 +0.6
DUG	Dugway	64.81	58	eP	P	17 11 49.5 +0.3	RUND	Rundenen	70.23	344	eP	P	17 12 25.9 +2.4	CRVS	Cervenica-Dubn	76.04	329	eP	P	17 12 58.3 +0.5
OSI	Ostio Adit	64.82	66	↑P	P	17 11 49.0 -0.2	EYMM	Ely	70.44	40	eP	P	17 12 22.3 -2.5	KSP	Ksiaz	76.08	333	eP	P	17 12 58.1 +0.1
LRMC	Laurel Mountai	64.91	64	P	P	17 11 49.9 +0.1	116A	Eloy	70.56	63	↑P	P	17 12 26.2 +0.8	KSP	comp=Z,7.9nm,19.4s			eP	P	17 12 58.0 -3.0
NOQ	North Oquirrh	64.91	57	eP	P	17 11 49.8 -0.1	KIV	Kislovodsk	70.89	314	P	P	17 12 26.0 0.0	MSL	Mosul	76.32	309	iP	x	17 13 03.5
PDAR	Pinedale Array	64.99	54	P																

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like CLL, KECS, BRG, HATD, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MIB, BZS, CONA, ANTO, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like HAU, HAU, HAU, HINP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include YKA Yellowknife Ar, PLCA Paso Flores, ESDC Sonseca Array, etc.

ISCJCB 15 18:18:53.2-0.9, 2059S-007x17837W-008, h529km, 12km, mb4.2/23, Error ellipse: s-maj=12.8km s-min=7.7km az=81.2

NEIC 15 18:18:54.1-0.9, 2055Sx17832W, h531km, 10km, mb4.5/8, Error ellipse: s-maj=14.2km s-min=7.9km az=148.0

MOS 15 18:16:56.9-1.8, 1925Sx17905W, h498km, mb4.5/5, Error ellipse: s-maj=16.6km s-min=14.7km az=175.3

IDC 15 18:18:58.5-1.1, 2049Sx17847W, h522km, 20km, mb3.6/14, mb1.3/8/16, mb1mx3.7/20, mb1mx3.6/16, Error ellipse: s-maj=14.0km s-min=9.8km az=149.0

SZGRF 15 18:18:59.7, 2146Sx17895W, h33km, Fiji Islands region, ISC 15 18:18:53.9-0.9, 2055S-008x17830W-008, h526km, 10km, n137, r190/40, mb4.2/23, 29C-8B, Fiji Islands region

Main table for 15d 18h section, listing station codes, names, coordinates, and other parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BSM Bornholm Array, BSD Bornholm Array, GKP Gorka Klasztor, etc.

ISCJCB 15 18:32:10.8, 3169N-3564E, h18km, Mb2.6, Error ellipse: s-maj=8.8km s-min=3.5km az=29.7

GL 15 18:32:12.3-0.1, 3144N-3554E, h10km, ML2.2/8, Error ellipse: s-maj=8.8km s-min=3.5km az=29.7

ISC 15 18:32:12.3-0.8, 3143N-002-3555E-006, h13km, 4km, n20, r60/31, Dead Sea region

HLW 15 18:32:10.8, 3169N-3564E, h18km, Mb2.6, Error ellipse: s-maj=8.8km s-min=3.5km az=29.7

ISCJCB 15 18:32:11.7-0.7, 3143N-002-3554E-006, h13km, 4km, Error ellipse: s-maj=8.8km s-min=3.5km az=29.7

Main table for 2006 DEC section, listing station codes, names, coordinates, and other parameters.

Error ellipse: s-maj=15.3km s-min=11.5km az=82.0, JMA 15 18:33:00.2-0.3, 3310N-137.06E, h399km, 4km, M3.4, ISC 15 18:33:00.8-0.5, 3309N-007-137.12E, h07, h389km, 3km, n30, r094/40, mb3.4/13, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TK02 Tokai 2, JWZ Kozaga, JIE Ise, etc.

ISCJCB 15 18:34:31.7-0.2, 4323N-001-025W-002, h5km, 2km, Error ellipse: s-maj=2.2km s-min=1.9km az=109.3

LDG 15 18:34:33.7-0.1, 4306N-029W, h12km, Mb3.0/2, M3.1/19, Error ellipse: s-maj=1.0km s-min=0.9km az=28.0

NEIC 15 18:34:33.7, 4306N-029W, h12km, M3.1/19, Error ellipse: s-maj=1.0km s-min=0.9km az=28.0

STR 15 18:34:33.9-0.1, 4304N-029W, h5km, 1km, M2.8, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

CSEM 15 18:34:34.2-0.1, 4308N-026W, h5km, ML3.0/26, Error ellipse: s-maj=1.0km s-min=0.8km az=163.0

MDD 15 18:34:34.5-0.2, 4307N-027W, h1km, 5km, mbLg2.5/26, Error ellipse: s-maj=2.43km s-min=1.2km az=8.0, PRXIMO

ISC 15 18:34:33.2-0.2, 4315N-001-025W-001, h10km, 2km, n126, r107/237, 10, Pyrenees

Main table for 512 section, listing station codes, names, coordinates, and other parameters.

15D 20h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TPH Tonopah, P05C Yuba Gap, CIS Catalina Islan, WCN Washoe City, MNRCC McLaughlin Nat, R09A Tonopah, SUTB Sutter Butte, OHCM Honcut, HEC Hector Ludlow, ORV Oroville, BEKR Beckwourth, GMRC Granite Mounta, PFO Pinyon Flat Ob, PFO Pinyon Flat Ob, PFO Pinyon Flat Ob, O07A Toulon, O04C Chester, IRM Iron Mountain, WDC Winkelman Da, BMN Battle Mountain, CCUT Cedar City, YBH Yreka Blue Hor, MSU Marysville, DUG Dugway, DUG Dugway, WUAZ Wupatki, SRU San Rafael, PDAR Piedra Array, TXAR Lajitas Array, TXAR Lajitas Array, MIAR Mount Ida, ULM Lac du Bonnet, YKA Yellowknife Arr, YKA Yellowknife Arr, CMIG Matias Romero.

IGQ 15 19:22:22.0, 9.8, 2310S, 6638W, h5km, 5km, Mb4.2, Ms4.0, 11C-6D, Error ellipse: s-maj=4.1km s-min=1.7km az=38.8, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHIS Cerro-Chispas, JAMA Jama, MAGI Magdalena, JUAZ San Juan, TERV Terraza Guagua, PINO Pino, GGP Refugio Guagua, CAMI Rancho Maria, IGUA Iguata, NASI Nasa, YANA Yana, BREF Cotopaxi Volca, BV2C Cotopaxi Volca, VC1 Cotopaxi, BILB Tungurahua vol, TAMB Tambo, PISA Pisayambo, JUVI Juive, RETU Refugio, RUNS Runtun, BRUN Tungurahua Vol, BRUN Patacocha, PATA Patacocha, ULBA Ulba, ANTI Antisana, ANTI Antisana, COTA Cotacachi, CAYR Refugio Cayamb, CAYA Cayambe, CAYA Cayambe, CONE Cono NE Rev Vo, LAV3 Lav3-Reventad.

IGQ 15 19:22:43.0, 1.4, 068N, 12224E, h0km, mb3.6/4, mb1 3.7/4, mb1mx3.5/18, mbtmpp3.6/4, Error ellipse: s-maj=215.7km s-min=22.0km az=61.0, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array.

IGQ 15 19:26:26.9, 070S, 8036W, h5km, 6km, Mb4.0, Ms3.8, 3C-2D, Error ellipse: s-maj=5.3km s-min=2.0km az=44.6, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JAMA Jama, CHIS Cerro-Chispas, MAGI Magdalena, JUAZ San Juan, TERV Terraza Guagua, TERV Terraza Guagua, PINO Pino, GGP Refugio Guagua, CAMI Rancho Maria, YANA Yana, NASI Nasa, IGUA Iguata, BV2C Cotopaxi Volca, VC1 Cotopaxi, TAMB Tambo, PISA Pisayambo, RETU Refugio, RUNS Runtun, BRUN Tungurahua Vol, BRUN Patacocha, PATA Patacocha, ULBA Ulba, ANTI Antisana, ANTI Antisana, COTA Cotacachi.

2005 DEC

CAYR Refugio Cayamb 2.46 73 P Pn 19 27 11.8 +4.2
CAYA Cayambe 2.49 72 P Pn 19 27 12.2 +4.1

IDC 15 19:31:38.4, 6.2, 4659N, 15338E, h62km, 57km, mb3.5/5, mb1 3.8/6, mb1mx3.4/23, mbtmpp3.6/6, ML3.4/1, Error ellipse: s-maj=52.1km s-min=22.4km az=116.0

ISC 15 19:31:38.7, 1.7, 464N, 02.1532E, 02, h69km, 17km, n19, r154/23, mb3.6/5, Kuril Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NEM2 Nemuro 2, JRA Rausu, JNK Nakashi, JAK Akkeshi, JAK Akkeshi, JTKR Obashiri-Toko, JAR Ashorobuto, JK2 Kamakawa 2, ASAJ Asahikawa, JCH Churui, JCH Churui, JNK Urakawa-nobuka, JNK Urakawa-nobuka, JNB Noboribetsu, JNB Noboribetsu, JKB Kayabe, JKB Kayabe, JKB Kayabe, JANG Nango, JIO Ouri, YKA Yellowknife Arr, FINES FINESS Array B, WRA Warramunga Arr, ASAR Alice Springs, TXAR Lajitas Array.

IDC 15 20:22:22.0, 9.8, 2310S, 6638W, h24km, 66km, mb3.5/3, mb1 3.7/5, mb1mx3.4/16, mbtmpp3.4/5, Error ellipse: s-maj=106.3km s-min=25.5km az=20.0, Jujuy Province

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LPAZ La Paz, LPAZ La Paz, SIV San Ignacio, TXAR Lajitas Array, TORD Torodi Arr, YKA Yellowknife Arr, MKAR Makanchi Array.

ISCJB 15 20:33:24.1, 0.6, 3682N, 004.711E, 0.1, h157km, 15km, Error ellipse: s-maj=14.9km s-min=5.9km az=170.9

NIC 20:33:30.6, 2.9, 373N, 0.877E, h0km, mb3.8, n94.0, Error ellipse: s-maj=30.0km s-min=22.1km az=149.0

ISC 15 20:33:25.0, 0.6, 3682N, 004.711E, 0.1, h154km, 14km, n25, r0568/27, 2C-2D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CEP Cherat, CCHP Chirah Chowk, THW Thame Wali, SBPD Sheikh Budin, SBPD Sargodha, AML Alamyashu, THL Thein Dam, DLH Dalhouse, UCH Uchtor, KZA Kyzart, EK2S Erkin-Say, KK31 Karatay Array, AAK Ala-Archa, CHMS Chumysh, USP Oshpenovka, TKM2 Tokmak 2, JOSI Josphimath, JOSI Josphimath, JOSI Josphimath, KHET Khetri, KHET Khetri, KUDL Kundal, KUDL Kundal, SONA Sohna, SONA Sohna, GKN Gorkha, AB31 Akbulak array.

MOS 15 20:53:23.2, 1.5, 5149N, 15948E, h12km, mb4.4/8, Error ellipse: s-maj=12.2km s-min=5.9km az=95.2

ISCJB 15 20:53:26.2, 0.4, 5146N, 003.15973E, 0.07, h38km, mb4.1/31, Error ellipse: s-maj=6.3km s-min=3.8km az=50.4

KRSC 15 20:53:26.0, 0.6, 5169N, 15988E, h5km, 5km, ML4.5

IDC 15 20:53:29.7, 0.8, 5165N, 15933E, h39km, 5km, mb3.7/21, mb1 3.9/22, mb1mx3.8/29, mbtmpp3.8/22, ML3.5/1, MS3.5/1, Ms1 3.5/1, ms1mx2.6/39, Error ellipse: s-maj=17.4km s-min=13.7km az=128.0

NEIC 15 20:53:30.2, 1.6, 5165N, 15925E, h44km, 13km, mb4.6/5, Error ellipse: s-maj=12.3km s-min=9.4km az=145.0

ISC 15 20:53:28.4, 0.4, 5153N, 003.15966E, 0.07, h40km, h40km, 1.1km, pP, n81, r159/95, mb4.1/31, 7C-6D, Off east coast of Kamptchka Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RUS Russkaya.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RUS Russkaya, GRL Gorelyy, SPN Mys Shipunski, SPN Petropavlovsk, PET comp-Z, 269nm, 0.4s, PET comp-N, 3um, 0.8s, PET comp-N, 3um, 0.8s, PET comp-E, 2um, 0.7s, PET Petropavlovsk, PET Petropavlovsk, NLC Nalychchevo, AVH Avacha, SKR Severo-Kuril's, SKR SKR, SKR comp-E, 80nm, 0.4s, SKR comp-Z, 150nm, 0.4s, SKR comp-N, 110nm, 0.8s, SKR comp-N, 620nm, 0.5s, SKR comp-E, 290nm, 0.5s, GNL Ganaly, GNL Mys Kozlova, MKZ Mys Kozlova, KMN Kamenskiy, KOZ Kozryevsk, ZLN Zelenaya, ZLN Zelenaya, ZKR Kozry, ZKR Krestovskiy, SRDR Sredinnyy, KLY Klyuchi, KBT Krutoberegovo, KBT Krutoberegovo, SRK Sorokina, ASAJ Asahikawa, HABR Khabarovsk, HABR Yakutsk, YAK comp-Z, 36nm, 0.8s, YAK comp-Z, 100nm, 15.0s, YAK Yakutsk, MJAR Matsushiro Arr, MJAR Matsushiro Arr, MAT Matsushiro, TIXI Tiksi, TIXI Tiksi, TIXI Tiksi, HIA Hailar, HIA Hailar, KRSR Korea Array, BOD Bodaibo, SONM Songoing Array, ZAK Zakamensk, INK Inuvik, ZAL Zaleshiro Arr, NVS Novosibirsk, NVS Novosibirsk, NVS comp-N, 3.0nm, 1.0s, NVS comp-E, 4.0nm, 1.0s, YKA Yellowknife Arr, YKA Yellowknife Arr, KURK Kurchatov, KURK Kurchatov, MK31 Makanchi Array, MKAR Makanchi Array, CHKZ Chkalovo, CHKZ Chkalovo, BVAR Borovoye Array, ARCES ARCESS Array, PDAR Piedra Array, AKTK Aktyubinsk, AKTO Aktyubinsk, AKTO Aktyubinsk, GUN Gumba, KKN Kakani, PKI Pulchoki, DMN Daman, GKN Gorkha, KOLN Koldana, FINES FINESS Array, NB2 NORSAP Surabaya, NOA NORSAR Array, NOA NORSAR Array, NOA NORSAR Array, HFS Hagfors, AKASO Malin Array, AKASO Malin Array, TXAR Lajitas Array, BURAR Bucovina Array, MURC Moravsky Berou, MURC Moravsky Berou, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, MLR Muntele Rosu, TIRR Tirsgor, VOIR Veres, GERES GERES Array.

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Table with columns: GERS, comp-Z, 0.6nm, 0.5s, baz=28, slow=4, SNR=4.9, pP, 21 05 22.6 +0.1, etc.

ISCJB 15 21:03:33.1.0.2, 4312N.001:005E.002, h8km, 2km, Error ellipse: s-maj=2.4km s-min=2.0km az=149.6

Main table for 515 with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc.

2006 DEC

Main table for 2006 DEC with columns: MTLF, SNR=1.0, eSn, Sn, 21 04 22.9 -0.6, etc.

15d 21h

Main table for 15d 21h with columns: SSF, 2.3nm, 0.3s, Saint Saule, 4.69 30 eSg, Sg, 21 06 03.9 -0.7, etc.

TRTB	comp=E,2um,1.4s	Smax	22 37 43.5		
UUDB	Ulan-Yde	4.09 203 ePn	Pn	22 36 31.6 +1.7	
UUDB		ePg	Pg	22 36 42.5 -3.2	
UUDB	comp=E,283nm,0.9s	Fmax		22 36 48.7	
UUDB		eSg	Sg	22 37 35.8 -3.0	
UUDB		Smax		22 37 53.2	
CIT	Chita	4.15 150 ePN	Pn	22 36 32.0 +1.3	
CIT		e		22 36 42.9	
CIT		e		22 37 35.1	
CIT	comp=Z,1um,1.4s	pmx	pmx		
CIT	comp=E,3um,1.9s				
CIT	Chita	4.15 150 ePN	Pn	22 36 32.1 +1.4	
CIT		iPg	Pg	22 36 42.4 -4.4	
CIT		Fmax		22 36 43.7	
CIT	comp=E,1um,1.4s				
CIT		eSg	Sg	22 37 35.7 -4.8	
CIT		Smax		22 37 56.0	
STDB	Stepnoy Dvoret	4.18 215 i/Pn	Pn	22 36 33.6 +2.6	
STDB		e		22 36 37.0	
STDB		e		22 36 52.5	
STDB	comp=E,431nm,1.1s	e		22 37 25.8	
STDB		eSg	Sg	22 37 38.6 -2.8	
STDB		Smax		22 38 06.3	
comp=E,10um,1.5s					
KAB	Kabansk	4.19 212 ePN	Pb	22 36 41.1 0.0	
KAB		e		22 37 36.3	
KAB	comp=Z,160nm,0.8s	pmx	pmx		
KAB		Smax			
KAB	comp=E,8um,1.5s				
KAB	Kabansk	4.19 212 e	Pn	22 36 32.1 +0.9	
KAB		e		22 36 37.8	
KAB		e		22 36 54.2	
KAB	comp=E,487nm,1.1s	e		22 37 27.3	
KAB		eSg	Sg	22 37 37.2 -4.6	
KAB		Smax		22 37 58.1	
comp=E,10um,1.0s					
CRS	Chara	4.66 71 ePN	Pn	22 36 39.9 +2.3	
CRS		e		22 36 51.2	
CRS		e		22 37 54.1	
CRS	comp=Z,1um,0.9s	pmx	pmx		
CRS		Smax			
comp=E,2um,1.4s					
CRS	Chara	4.66 71 i/Pn	Pn	22 36 39.2 +1.6	
CRS		iPg	Pg	22 36 51.2 -5.2	
CRS		Fmax		22 36 54.8	
comp=E,1um,1.5s					
CRS		eSg	Sg	22 37 53.8 -2.9	
CRS		Smax		22 38 02.6	
BTMB	Babushkin	4.75 215 ePN	Pn	22 36 39.5 +0.6	
BTMB		e		22 36 40.8	
BTMB		e		22 37 03.1	
BTMB	comp=E,155nm,0.8s	e		22 37 36.1	
BTMB		e		22 37 50.3	
BTMB		iSg	Sg	22 37 54.8 -5.0	
BTMB		Smax		22 38 10.1	
comp=E,2um,0.9s					
IRK	Irkutsk	4.91 228 ePN	Pn	22 36 41.5 +0.5	
IRK		e		22 36 52.0	
IRK		e		22 37 58.0	
IRK	comp=Z,160nm,0.2s	pmx	pmx		
IRK		Smax			
comp=N,5um,1.0s					
IRK	Irkutsk	4.91 228 ePN	Pn	22 36 42.3 +1.3	
IRK		e		22 37 04.1	
IRK		e		22 37 12.5	
IRK		eSg	Sg	22 37 38.8 +0.9	
IRK		Sg		22 38 00.4 -4.4	
IRK		Smax		22 38 10.3	
comp=N,5um,0.9s					
LSTR	Listvyanka	4.97 222 i/Pn	Pn	22 36 43.0 +1.1	
LSTR		e		22 36 44.2	
LSTR	comp=N,178nm,1.0s	e		22 37 39.0	
LSTR		iSg	Sg	22 37 54.8	
LSTR		Smax		22 38 01.7 -5.0	
comp=N,2um,1.5s					
HABR	HABR	5.58 73 ePN	Pn	22 36 51.0 +0.7	
HABR		iPg	Pg	22 37 07.7 -6.5	
HABR		eSg	Sg	22 37 55.7 +1.2	
HABR		eSg	Sg	22 38 01.9 -4.6	
HABR	Talaya	5.58 227 ePN	Pn	22 36 51.1 +0.8	
HABR		SNR=8.1			
HABR	Talaya	5.58 227 ePN	Pn	22 36 50.4 0.0	
HABR		e		22 37 06.8	
HABR		eS	Sg	22 37 53.9 -1.3	
HABR		e		22 38 18.7	
HABR	comp=Z,81nm,0.4s	pmx	pmx		
comp=N,346nm,0.4s					
TLY	Talaya	5.58 227 ePN	Pn	22 36 50.2 -0.2	
TLY		ePN		22 37 53.9 -1.4	
TLY		ePN		22 36 50.8 +0.4	
TLY		ePN		22 37 22.3	
TLY	comp=N,106nm,0.6s	eSg	Sg	22 37 53.2 -1.4	
TLY		ePN		22 36 50.8 +0.4	
TLY		ePN		22 37 22.3	
TLY	comp=N,143nm,0.9s	eSg	Sg	22 37 54.8 +0.2	
TLY		eSg		22 38 19.0 -7.5	
TLY		Smax		22 38 39.6	
comp=N,2um,1.6s					
TUP	Tupik	5.74 98 ePN	Pn	22 36 53.3 +0.9	
TUP		eS		22 37 10.8	
TUP		eS		22 37 59.2 +0.9	
TUP		e		22 38 26.7	
TUP	comp=Z,330nm,1.1s	pmx	pmx		
comp=N,2um,1.6s					
TUP	Tupik	5.74 98 i/Pn	Pn	22 36 53.5 +1.1	
TUP		iPg	Pg	22 37 10.6 -6.5	
TUP		Fmax		22 37 17.7	
comp=N,386nm,1.6s					
TUP		eSg	Sg	22 37 56.4 -1.9	
TUP		iSg	Sg	22 38 27.0 -4.4	
TUP		Smax		22 38 51.0	
comp=N,3um,1.8s					
ARS	Arshan	5.95 234 ePN	Pn	22 36 56.3 +0.9	
ARS		eS		22 38 01.8 -1.7	
ARS		eS		22 38 30.5 -7.7	
ARS	comp=N,6um,0.8s	Smax			
comp=N,6um,0.8s					
ARS	Arshan	5.95 234 i/Pn	Pn	22 36 56.3 +0.9	
ARS		ePN		22 37 08.5	
ARS	comp=N,309nm,0.7s	eSg	Sg	22 38 01.5 -2.0	
ARS		eSg		22 38 30.6 -7.6	
ARS		Smax		22 38 36.7	
comp=N,6um,0.8s					
KPC	Khapcheranga	6.11 167 ePN	Pn	22 36 58.5 +0.9	
KPC		e		22 37 19.6	
KPC		e		22 38 38.0	
KPC	comp=Z,152nm,1.1s	pmx	pmx		
comp=E,2um,1.3s					
KPC	Khapcheranga	6.11 167 i/Pn	Pn	22 36 58.5 +0.9	
KPC		iPg	Pg	22 37 19.8 -4.5	
KPC		Fmax		22 37 26.6	
comp=E,151nm,1.5s					
KPC		eSg	Sg	22 38 07.6 0.0	
KPC		e		22 38 23.2	
KPC		iSg	Sg	22 38 37.8 -5.7	
KPC		Smax		22 38 47.6	
comp=E,2um,1.3s					
ZAK	Zakamensk	6.74 221 ePN	Pn	22 37 08.2 +1.9	
ZAK		e		22 37 27.9	
ZAK		eS		22 38 26.8 +3.7	
ZAK		e		22 38 55.3	
ZAK		pmx	pmx		

ZAK	comp=Z,556nm,0.4s	Smax				
ZAK	comp=N,2um,1.4s					
ZAK	Zakamensk	6.74 221 i/Pn	Pn	22 37 08.2 +1.9		
ZAK		e		22 37 09.5		
comp=N,81nm,0.9s						
ZAK		eSg	Sg	22 38 58.1 -5.6		
ZAK		Smax		22 39 01.9		
comp=N,2um,1.5s						
MOY	Mondy	6.79 238 ePN	Pn	22 37 09.0 +2.1		
MOY		e		22 37 30.1		
MOY		eS		22 38 23.3 -0.9		
MOY		i/Pn	Pn	22 37 08.9 +2.0		
MOY	comp=N,64nm,1.6s	i/Pn	Pn	22 37 08.9 +2.0		
MOY		e		22 37 10.6		
MOY	comp=N,128nm,1.6s	max		22 37 10.6		
MOY	comp=N,645nm,0.8s	eSg	Sg	22 38 24.1 -0.1		
MOY		eSg		22 38 56.2 -8.9		
MOY		Smax		22 39 02.5		
comp=N,2um,1.6s						
ORL	Orlik	6.87 247 i/Pn	Pn	22 37 09.8 +1.7		
ORL		e		22 37 17.0		
ORL	comp=N,241nm,1.2s	eSg	Sg	22 38 25.4 -0.9		
ORL		eSg		22 38 58.3 -10		
ORL		Smax		22 39 14.5		
comp=N,3um,1.4s						
Ulanbatay	8.05 195 eSg	Sx		22 39 37.0		
SOMN	Songino Array	8.19 198 Pn	Pn	22 37 28.2 +2.1		
SOMN	comp=N,1.1nm,0.3s,baz=12,slow=11,SNR=59	Lg		22 39 46.4		
SOMN	comp=N,1.5nm,0.3s,baz=5.2,slow=30,SNR=8.1	LR		22 41 15.0		
SOMN	comp=N,208nm,21.0s,baz=295,slow=40	LR		22 39 43.6		
CLNS	Chul'man	8.26 76 eSg	Sx	22 39 43.6		
TNDR	Tynda	8.27 88 eSg	Sg	22 38 56.6 -4.2		
TNDR		eSg		22 39 46.2 +4.5		
HIA	Hailar	8.65 134 ePN	Pn	22 37 31.4 -1.0		
HIA		ePN		22 37 21.9 -2.5		
comp=N,13nm,0.6s						
HIA	Hailar	8.65 134 eSg	Sx	22 39 57.6		
TDJR	Todzha	8.93 254 ePN	Pn	22 37 37.0 +0.7		
TDJR		eSg		22 40 02.0 +4.5		
KRASNOYARSK	Krasnoyarsk	9.77 279 i/Pn	Pn	22 37 46.8 -0.9		
YAK	Yakutsk	11.89 50 eP	Pn	22 38 14.1 -2.8		
YAK	comp=Z,7.0nm,0.6s	pmx	pmx			
comp=N,9.0nm,1.6s						
YAK		pmx	pmx			
comp=E,14nm,1.5s						
YAK		MLR	MLR			
comp=Z,566nm,9.0s						
YAK		MLR	MLR			
comp=N,194nm,6.0s						
YAK		MLR	MLR			
comp=E,241nm,6.0s						
YAK	Yakutsk	11.89 50 ePN	Pn	22 38 18.1 +1.2		
comp=N,38nm,0.6s						
ZAL	Zalozovo	14.74 274 Pn	Pn	22 38 55.0 -0.7		
ZAL	comp=E,0.8nm,0.3s,baz=40,slow=11,SNR=19	Lg		22 43 01.4		
ZAL	comp=E,1.1nm,0.3s,baz=298,slow=16,SNR=2.8	LR		22 45 45.8		
NVS	Novosibirsk	15.37 278 i/Pn	Pn	22 39 01.9 -2.3		
NVS	comp=N,28nm,2.0s	pmx	pmx			
NVS	comp=Z,44nm,2.0s	pmx	pmx			
NVS	comp=E,38nm,1.6s	pmx	pmx			
BJI	Beijing	16.13 163 eP	Pn	22 39 22.9 +8.9		
BJI		AMB	AMB			
comp=Z,13nm,0.9s						
BJI		LR	LR			
comp=N,2um,8.4s						
BJI		LR	LR			
comp=E,1um,9.2s						
BJI		LR	LR			
comp=Z,745nm,16.0s						
BJT	Bajitau	16.15 163 P	Pn	22 39 09.5 -4.7		
BJT		P	pmx			
comp=Z,6.0nm,0.4s						
BJT	Bajitau	16.15 163 Pn	Pn	22 39 09.5 -4.7		
comp=N,5.7nm,0.4s						
HABR	HABR	16.82 105 eS	Pn	22 39 19.8 -3.0		
HABR		eS		22 42 27.1 -2.5		
GTA	Gaotai	17.68 207 i/Pn	Pn	22 39 37.3 +3.7		
GTA		AP		22 39 41.1 +3.8		
GTA		XP		22 39 44.4 +5.8		
GTA		S		22 42 57.9 +7.4		
GTA		XS		22 43 03.3 +0.9		
GTA		SS		22 43 20.5		
GTA		AMB	AMB			
comp=Z,10.0nm,2.0s						
GTA		AMB	AMB			
comp=Z,129nm,4.9s						
GTA		LR	LR			
comp=N,745nm,8.7s						
GTA		LR	LR			
comp=E,674nm,8.0s						
GTA		LR	LR			
comp=Z,814nm,8.0s						
TIXI	Tiksi	17.90 19c i/Pn	Pn	22 39 32.4 -3.9		
TIXI		e		22 39 37.0		
comp=Z,4.0nm,0.6s						
TIXI		ePN	Pn	22 39 31.7 -4.5		
comp=Z,20nm,0.6s						
KURK	Kurchatov	19.46 268 i/Pn	Pn	22 39 54.3 -0.9		
KURK		SNR=21				
KURK	Kurchatov	19.46 268 i/Pn	Pn	22 39 53.7 -1.6		
MK31	Makanchi Array	19.50 255 i/Pn	Pn	22 39 54.9 -0.8		
MK31		pmx	pmx			
comp=Z,57nm,0.9s						
MKAR	Makanchi Array	19.50 255 P	Pn	22 39 54.5 -1.2		
MKAR</						

Table with columns for station name, frequency, and signal quality. Includes stations like GTA, DGRG, KAD, BWNR, MTA, HYB, etc.

Table with columns for station name, frequency, and signal quality. Includes stations like BTO, Baotou, BOYT, Boyabat, MOS, Moscow, etc.

Table with columns for station name, frequency, and signal quality. Includes stations like KOLS, UZH, Uzhgorod, VITOSH, Giongzhong, etc.

VOY	Vojsko	43.30 300	eP	P	23 06 01.5 +0.1
FG4	Candela	43.33 292	P	P	23 06 02.6 +0.9
FG4	comp-Z,29nm,0.7s,mb5.1				
	Candela	43.33 292	P	P	23 06 02.6 +0.9
	comp-Z,28nm,0.7s,mb5.1				
CADS	Cadrg	43.36 300	eP	P	23 06 01.9 -0.1
STOK	Stokkvaagen	43.36 330	eP	P	23 06 01.2 -0.8
STOK			AMB	AMB	23 06 03.5
	comp-Z,104nm,1.6s,mb5.3				
STOK	Tiksi	43.42 23	eP	PP	23 07 41.8 -2.8
TIXI			eP	S	23 05 58.4 -4.0
TIXI			eS	S	23 06 31.9 -6.3
TIXI			eS	S	23 12 17.6 -5.3
	comp-Z,20nm,0.9s,mb4.8				
TIXI	Tiksi	43.42 23	eP	P	23 05 59.2 -3.2
	comp-Z,38nm,0.6s,mb5.3				
KBA	Koelbreinspre	43.46 301	iP	P	23 06 02.6 -0.1
KBA	Koelbreinspre	43.46 301	iP	P	23 06 02.6 -0.1
	comp-Z,16nm,1.3s,mb4.6				
FG5	Orsara di Pugl	43.47 293	P	P	23 06 04.1 +1.3
FG5					
	comp-Z,33nm,0.8s,mb5.1				
FG5	Orsara di Pugl	43.47 293	P	P	23 06 04.1 +1.3
	comp-Z,33nm,0.8s,mb5.1				
TANN	Tannvessetha	43.48 306	eP	P	23 06 02.8 -0.1
	comp-Z,10nm,0.8s,mb4.8				
NKC	Novy Kostel	43.52 306	eP	P	23 06 03.3 +0.1
NKC			ex	x	23 06 09.2
WERN	Wernitzgruen	43.55 306	eP	PP	23 06 27.7 +0.2
GUNZ	Gunzen	43.57 306	eP	P	23 06 03.8 +0.2
	comp-Z,9.0nm,0.8s,mb4.5				
WERD	Werda	43.57 306	eP	P	23 06 03.5 -0.2
NB2	NORSAR Subarra	43.63 322	P	P	23 06 03.1 -1.0
	comp-Z,28nm,0.5s,mb5.2,baz=92,slow=8.6				
NOA	NORSAR Array B	43.63 322	P	P	23 06 03.3 -0.8
	comp-Z,29nm,0.5s,mb5.3,baz=92,slow=7.8,SNR=92				
NOA			PP	PP	23 07 40.0 -1.5
	comp-Z,9.2nm,0.8s,baz=90,slow=11,SNR=5.1				
NOA			LR	LR	23 24 47.0
	comp-Z,118nm,19.2s,baz=150,slow=37				
NOA	NORSAR Array B	43.63 322	P	P	23 06 03.3 -0.8
NOA			PP	PP	23 07 46.0 -1.5
NOA			LR	LR	23 24 47.0
NOA	NORSAR Array B	43.63 322	P	P	23 06 03.3 -0.8
NOA			PP	PP	23 07 46.0 -1.5
NOA			LR	LR	23 24 47.0
SGO	Sicignano	43.64 292	P	P	23 06 05.2 +1.0
	comp-Z,17nm,0.6s,mb5.0				
SGO	Sicignano	43.64 292	P	P	23 06 05.2 +1.0
	comp-Z,17nm,0.6s,mb5.0				
GMNA	Gemona	43.69 300	P	P	23 06 04.9 +0.3
	comp-Z,83nm,0.9s,mb5.5				
ROTZ	Rotzenmuhle	43.74 305	eP	P	23 06 05.6 +0.6
	comp-Z,15nm,1.3s,mb4.6				
ROTZ	Manzenberg	43.77 306	eP	P	23 06 29.8 +0.8
	comp-Z,9.0nm,1.1s,mb4.4				
NAO01	NORSAR Array S	43.78 321	eP	P	23 06 04.1 -1.3
	comp-Z,22nm,0.7s,mb5.0				
FVI	Forni Avoltri	43.93 301	P	P	23 06 06.2 -0.3
FVI					
	comp-Z,8.0nm,0.5s,mb4.7				
FVI	Forni Avoltri	43.93 301	P	P	23 06 06.2 -0.3
	comp-Z,8.2nm,0.5s,mb4.7				
MOX	Moxa	43.98 307	eP	P	23 06 07.2 +0.3
	comp-Z,11nm,1.0s,mb4.5				
MOX			eP	P	23 06 32.0 +1.0
MOX	Moxa	43.98 307	eP	P	23 06 07.0 +0.1
	comp-Z,13nm,1.1s,mb4.5				
MOX			eP	P	23 06 07.0 +0.1
MOX	Moxa	43.98 307	eP	P	23 06 07.0 +0.1
	comp-Z,30nm,1.1s,mb4.9				
ABTA	Abfaltersbach	44.08 301	iP	P	23 06 06.8 -1.0
	comp-Z,11nm,0.6s,mb4.7				
MTTG	Motta San Giov	44.14 288	P	P	23 06 10.5 +2.3
	comp-Z,63nm,0.8s,mb4.4				
VLA	Vladivostok	44.24 64	eP	P	23 06 10.0 +1.0
VLA					
	comp-Z,49nm,0.7s,mb5.3				
GRA1	Grafenberg Arr	44.38 305	eP	P	23 06 11.0 +0.9
	comp-Z,15nm,0.9s,mb4.7				
GRF	Grafenberg Arr	44.38 305	eP	P	23 06 11.0 +0.9
	comp-Z,15nm,0.9s,mb4.7				
GRF	Grafenberg Arr	44.38 305	eP	P	23 06 11.0 +0.9
	comp-Z,10.0nm,0.9s,mb4.5				
GRF	Grafenberg Arr	44.38 305	eP	P	23 06 11.0 +0.9
	comp-Z,15nm,0.9s,mb4.7				
GRFO	Grafenberg	44.38 305	eP	P	23 06 10.7 +0.6
GRFO					
	comp-Z,22nm,0.9s,mb4.9				
GRFO	Grafenberg	44.38 305	eP	P	23 06 10.7 +0.6
	comp-Z,22nm,0.9s,mb4.9				
AQU	L'Aquila	44.52 295	eP	P	23 06 10.0 -1.2
AQU					
	comp-Z,24nm,1.1s,mb4.8				
AQU	L'Aquila	44.52 295	eP	P	23 06 10.0 -1.2
	comp-Z,24nm,1.1s,mb4.8				
WTTA	Wattenberg	44.56 302	iP	P	23 06 10.9 -0.6
	comp-Z,12nm,0.8s,mb4.9				
WTTA	Wattenberg	44.56 302	iP	P	23 06 10.9 -0.7
	comp-Z,12nm,0.8s,mb4.7				
NRCA	Norcia	44.59 295	P	P	23 06 12.7 +0.9
	comp-Z,21nm,1.1s,mb4.9				
SNTG	Esanatoglia	44.60 296	P	P	23 06 12.6 +0.7
	comp-Z,11nm,0.5s,mb4.8				
FSSB	Fossombrone	44.60 297	P	P	23 06 12.4 +0.5
	comp-Z,8.5nm,0.5s,mb4.9				
DOMB	Dombras	44.69 323	eP	P	23 06 12.1 -0.4
DOMB			AMB	AMB	23 06 12.9
	comp-Z,54nm,1.1s,mb5.2				
DOMB	Dombras	44.69 323	eP	P	23 06 12.1 -0.4
	comp-Z,54nm,1.1s,mb5.2				
CTI	Castel Tesino	44.82 300	P	P	23 06 13.5 -0.1
CTI					
	comp-Z,11nm,0.6s,mb4.8				
CTI	Castel Tesino	44.82 300	P	P	23 06 13.5 -0.1
	comp-Z,11nm,0.6s,mb4.8				
ASS	Assisi	44.86 296	P	P	23 06 15.4 +1.5
ASS					
	comp-Z,3.0nm,0.7s,mb4.1				
ASS	Assisi	44.86 296	P	P	23 06 15.4 +1.5
	comp-Z,2.5nm,0.7s,mb4.0				
MOTA	Moosalm	44.90 302	iP	P	23 06 13.8 -0.5
	comp-Z,8.6nm,0.6s,mb4.7,SNR=8.8				
MOTA	Moosalm	44.90 302	iP	P	23 06 13.8 -0.4
	comp-Z,9.0nm,0.6s,mb4.7				
HABR	Khabarovsk	45.17 56	eP	S	23 06 16.1 -0.3
HABR			eS	S	23 12 47.7 -0.6
	comp-Z,31nm,1.1s,mb5.0				
SFI	Santa Sofia	45.20 297	P	P	23 06 17.7 +1.1
SFI					
	comp-Z,17nm,0.6s,mb5.0				
SFI	Santa Sofia	45.20 297	P	P	23 06 17.7 +1.1
	comp-Z,17nm,0.6s,mb5.0				
FETA	Feichten	45.22 302	iP	P	23 06 16.1 -0.7
	comp-Z,6.7nm,0.8s,mb4.5				
VMG	Vicchio	45.40 297	P	P	23 06 20.0 +1.8
	comp-Z,47nm,0.7s,mb5.0				
YME	Scarperia	45.51 298	P	P	23 06 20.7 +1.7
	comp-Z,58nm,0.5s,mb5.6				
BRMO	Bormio	45.58 301	P	P	23 06 19.1 -0.5
	comp-Z,6.8nm,0.6s,mb4.5				
CSNT	Castellina Chi	45.70 0 297	P	P	23 06 20.8 +0.2
	comp-Z,35nm,1.0s,mb5.0				
DAVA	Damueli	45.73 302	iP	P	23 06 20.6 -0.2
	comp-Z,32nm,0.5s,mb5.3,SNR=36				
GSCL	Gusciola	45.96 298	P	P	23 06 24.2 +1.6
	comp-Z,12nm,0.6s,mb4.8				
GRFL	Gerfalco	46.02 296	P	P	23 06 23.0 0.0
	comp-Z,11nm,0.8s,mb4.6				
ERBM	Eremo	46.06 298	P	P	23 06 25.4 +2.0
	comp-Z,37nm,0.7s,mb4.8				
BFO	Black Forest	46.52 304	eP	P	23 06 27.0 +0.1
BFO	Black Forest	46.52 304	eP	P	23 06 27.0 +0.1
	comp-Z,39nm,1.9s,mb4.8				
BFO					
	comp-Z,140nm,1.9s,mb5.4				

BFO	Black Forest	46.52 304	eP	P	23 06 26.4 -0.5
	comp-Z,5.8nm,0.7s,mb4.4				
CDF	Champ Du Feu	47.18 304	iP	P	23 06 31.6 -0.5
	comp-Z,12nm,0.8s,mb4.4				
CDF	Champ Du Feu	47.18 304	iP	P	23 06 31.6 -0.5
	comp-Z,12nm,0.8s,mb4.4				
CDF					
	comp-Z,6.0nm,0.8s,mb4.4				
CDF	Champ Du Feu	47.18 304	iP	P	23 06 31.6 -0.5
	comp-Z,6.1nm,0.8s,mb4.4				
MEM	Membach	47.60 307	P	P	23 06 34.9 +0.3
	comp-Z,6.9nm,1.0s,mb4.9				
PGF	Pioggiola	47.58 296	iP	P	23 06 35.0 -0.2
	comp-Z,24nm,0.7s,mb4.8				
PGF	Pioggiola	47.58 296	iP	P	23 06 35.0 -0.2
	comp-Z,12nm,0.7s,mb4.8				
PGF	Pioggiola	47.58 296	iP	P	23 06 35.0 -0.2
	comp-Z,12nm,0.7s,mb4.8				
HINF	Hinterfeld	47.60 304	iP	P	23 06 34.8 -0.5
	comp-Z,20nm,0.7s,mb4.7				
HINF	Hinterfeld	47.60 304	iP	P	23 06 34.8 -0.5
	comp-Z,10.0nm,0.7s,mb4.8				
HINF	Hinterfeld	47.60 304	iP	P	23 06 34.8 -0.5
	comp-Z,9.9nm,0.7s,mb4.8				
WLF	Walfenberg	47.62 306	eP	P	23 06 35.9 +0.4
	comp-Z,20nm,0.8s,mb5.0				
WLF	Walfenberg	47.62 306	eP	P	23 06 35.9 +0.4
	comp-Z,12nm,1.0s,mb4.4				
HAU	Haudompre	47.88 304	iP	P	23 06 37.1 -0.4
	comp-Z,26nm,0.8s,mb4.8				
HAU			eMLR		
	comp-Z,81nm,17.5s				
HAU	Haudompre	47.88 304	iP	P	23 06 37.1 -0.4
	comp-Z,13nm,0.8s,mb4.8				
HAU					
	comp-Z,80nm,17.5s				
HAU	Haudompre	47.88 304	iP	P	23 06 37.1 -0.4
	comp-Z,13nm,0.8s,mb4.8				
HAU			LR	LR	
	comp-Z,80nm,17.5s				
BCLA	Clavier	47.98 307	eP	P	23 06 38.2 -0.1
LPG	La Plagne	48.27 301	eP	P	23 06 40.7 +0.1
	comp-Z,50nm,0.7s,mb5.2				
LPG	La Plagne	48.27 301	eP	P	23 06 40.7 +0.1
	comp-Z,25nm,0.7s,mb5.2				
LPG	La Plagne	48.27 301	eP	P	23 06 40.7 +0.1
	comp-Z,25nm,0.7s,mb5.2				
SBF	Sospel	48.28 298	iP	P	23 06 40.7 +0.1
	comp-Z,80nm,0.7s,mb5.3				
SBF	Sospel	48.28 298	iP	P	23 06 40.7 +0.1
	comp-Z,40nm,0.7s,mb5.4				
SBF					
	comp-Z,40nm,0.7s,mb5.3				
SBF	Sospel	48.28 298	iP	P	23 06 40.7 +0.1
	comp-Z,40nm,0.7s,mb5.3				
LPL	La Plagne	48.28 301	iP	P	23 06 40.8 +0.2
	comp-Z,32nm,0.6s,mb5.0				
LPL	La Plagne	48.28 301	iP	P	23 06 40.8 +0.2
	comp-Z,16nm,0.6s,mb5.0				
LPL	La Plagne	48.28 301	iP	P	23 06 40.8 +0.2
	comp-Z,16nm,0.6s,mb5.0				
GIVF	Givis	48.35 307	eP	P	23 06 41.4 +0.2
CABF	La Chapelle	48.41 302	iP	P	23 06 41.2 -0.4
	comp-Z,26nm,0.7s,mb4.9				
CABF	La Chapelle	48.41 302	iP	P	23 06 41.2 -0.4
	comp-Z,13nm,0.7s,mb4.9				
CABF	La Chapelle	48.41 302	iP	P	23 06 41.2 -0.4
	comp-Z,13nm,0.7s,mb4.9				
BNI	Bardonecchia	48.45 300	eP	P	23 06 41.7 -0.2
BNI					
	comp-Z,39nm,1.3s,mb5.1				
BNI	Bardonecchia	48.45 300	eP	P	23 06 41.7 -0.2
	comp-Z,39nm,1.3s,mb5.1				
MBDF	Montbardon				

ELK	Elko	76.27 353	PFAKE	00 09 10.0 +10
ELK	Elko	76.27 353	LR	LR
N13A	Wendover, West	76.27 353	UP	P 00 09 01.0 +1.2
O05C	Quincy	76.28 348	UP	P 00 09 01.7 +1.9
O06A	Flanigan	76.30 349	UP	P 00 09 00.9 +0.9
GASB	Alder Springs	76.31 347	P	P 00 09 02.0 +2.0
PHWY	Pilot Hill	76.31 0	eP	P 00 09 01.1 +1.1
N12A	Clover Valley	76.35 353	P	P 00 09 01.8 +1.5
O03C	Acorn Hollow,	76.52 347	UP	P 00 09 02.9 +1.7
N08A	GE Springer M	76.66 350	P	P 00 09 03.7 +1.8
O04C	Chester	76.66 348	UP	P 00 09 03.3 +1.3
M13A	Montello	76.77 353	UP	P 00 09 03.4 +0.8
N07B	Geirach	76.78 350	P	P 00 09 02.8 +0.2
HWUT	Hardware Ranch	76.81 355	eP	P 00 09 07.3 +4.5
HWUT	Hardware Ranch	76.81 355	LR	LR
O02C	Red Bluff	76.83 347	UP	P 00 09 03.9 +1.0
N06A	Buffalo Meadow	76.88 349	P	P 00 09 02.2 -1.0
M12A	Wells	76.90 353	P	P 00 09 04.0 +0.6
MAW	Mawson	76.96 176	P	P 00 09 01.6 -2.1
MAW	Mawson	76.96 176	LR	LR 00 44 25.2
MAW	Mawson	76.96 176	eP	P 00 09 01.1 -2.6
MAW	Mawson	76.96 176	pmx	pmx
MAW	Mawson	76.96 176	eP	P 00 09 01.1 -2.5
MAW	Mawson	76.96 176	LR	LR 00 44 25.2
M11A	Holland Ranch,	77.01 352	UP	P 00 09 04.2 +0.3
WDC	Whiskeytown Da	77.17 347	eP	P 00 09 05.5 +0.6
WDC	Whiskeytown Da	77.17 347	pmx	pmx
WDC	Whiskeytown Da	77.17 347	eP	P 00 09 05.5 +0.6
WDC	Whiskeytown Da	77.17 347	UP	P 00 09 05.3 +0.4
M09A	Marrel Ranch,	77.20 351	UP	P 00 09 06.1 +1.1
HATC	Hat Creek Radi	77.21 348	UP	P 00 09 05.5 +0.4
M08A	Happy Creek Ra	77.35 350	UP	P 00 09 06.9 +1.1
MIR	Mirnyy	77.38 188	eP	P 00 09 07.0 +1.0
MIR	Mirnyy	77.38 188	i	00 09 20.0
MIR	Mirnyy	77.38 188	pmx	pmx
M06C	Likely Place G	77.42 349	UP	P 00 09 07.0 +0.8
L13A	Double Diamond	77.47 354	UP	P 00 09 07.0 +0.5
N02C	Big Bar	77.55 346	UP	P 00 09 08.2 +1.2
TAU	Tasmania Unive	77.57 226	PFAKE	00 09 20.0 +13
TAU	Tasmania Unive	77.57 226	LR	LR
BBSR	BB Station	77.58 35	PFAKE	00 09 20.0 +13
BBSR	BB Station	77.58 35	LR	LR
M05C	Lookout	77.68 348	UP	P 00 09 08.3 +0.6
SCIA	State Center	77.76 9	PFAKE	00 09 20.0 +12
SCIA	State Center	77.76 9	LR	LR
CBN	Corbin	77.77 22	PFAKE	00 09 20.0 +12
CBN	Corbin	77.77 22	LR	LR
M03A	McCloud	77.77 347	UP	P 00 09 08.1 -0.1
L09C	Wilkinson Ranc	77.81 351	UP	P 00 09 08.2 -0.2
BW06	Boulder Array	77.86 357	eP	P 00 09 06.0 -2.7
BW06	Boulder Array	77.86 357	LR	LR
PDAR	Pinedale Array	77.86 357	P	P 00 09 05.7 -3.0
AHID	Auburn Hatcher	77.93 356	eP	P 00 09 09.4 +0.3
AHID	Auburn Hatcher	77.93 356	LR	LR
M02C	Callahan	78.02 347	UP	P 00 09 09.5 -0.1
K13A	Stover Farm, H	78.04 354	UP	P 00 09 09.4 -0.3
L07A	Adell	78.04 350	P	P 00 09 10.2 +0.5
L08A	Fields	78.09 10.0	UP	P 00 09 10.0 +0.2
MOD	Modoc	78.08 349	eP	P 00 09 10.7 +0.8
MOD	Modoc	78.08 349	LR	LR
MOD	Modoc	78.08 349	UP	P 00 09 10.3 +0.4
ACSO	Alum Creek Sta	78.09 18	PFAKE	00 09 20.0 +10
ACSO	Alum Creek Sta	78.09 18	LR	LR
K12A	Draper Farm, C	78.11 353	UP	P 00 09 10.2 +0.1
M04C	Macdoel	78.22 348	UP	P 00 09 10.4 -0.3
YBH	Yreka Blue Hor	78.22 347	UP	P 00 09 11.0 -0.3
MCWV	Mont Chateau	78.38 20	PFAKE	00 09 20.0 +8.4
MCWV	Mont Chateau	78.38 20	LR	LR
K09A	Rome	78.49 351	UP	P 00 09 12.0 -0.2
REDW	Red Top Meadow	78.52 356	eP	P 00 09 12.8 +0.5
L04A	Loham Falls	78.61 348	UP	P 00 09 13.1 +0.2
K08A	Mann Creek Ran	78.62 350	UP	P 00 09 12.7 -0.2
K07A	Rock Creek Ran	78.69 350	UP	P 00 09 12.7 -0.6
J12A	Stokes Ranch,	78.73 353	UP	P 00 09 12.7 -0.8
DCID	Drake Creek	78.77 356	eP	P 00 09 15.2 +1.5
J13A	Cove Ranch, Pi	78.79 354	UP	P 00 09 12.8 -1.0
M00V	Moose Ponds	78.89 356	eP	P 00 09 12.9 -1.5
K06A	Valley Falls	78.94 349	UP	P 00 09 14.5 -0.2
MFID	Camas Ranch	78.97 352	UP	P 00 09 14.2 -0.6
K05A	Summer Lake	78.97 349	UP	P 00 09 14.1 -0.7
HLID	Hailey	78.98 354	eP	P 00 09 12.9 -2.0
HLID	Hailey	78.98 354	LR	LR
HLID	Hailey	78.98 354	UP	P 00 09 14.4 -0.5
K04A	Chiquin	79.00 348	UP	P 00 09 15.2 +0.2
SDMD	Soldier's Deli	79.04 22	eP	P 00 09 14.0 -1.2
J09A	Fry Pan Ranch,	79.13 351	P	P 00 09 15.1 -0.6
RSSD	Black Hills	79.14 1	PFAKE	00 09 30.0 +1.4
RSSD	Black Hills	79.14 1	LR	LR
HUM0	Hull Mountain	79.21 347	UP	P 00 09 15.7 -0.5
J08A	Circle Bar Ran	79.23 351	UP	P 00 09 15.5 -0.8
J06A	Christmas Vall	79.37 349	P	P 00 09 17.6 +0.6
I11A	Placerville	79.48 352	UP	P 00 09 17.5 -0.1
J05A	Fort Rock	79.57 348	UP	P 00 09 18.0 -0.2
I09A	Lost Marbles R	79.75 351	UP	P 00 09 19.2 +0.1

I08A	Drewsey	79.79 351	UP	P 00 09 19.1 -0.2
YMR	Madison River	79.82 356	eP	P 00 09 18.1 -1.4
SSPA	Standing Stone	79.84 21	eP	P 00 09 16.8 -2.8
SSPA	Standing Stone	79.84 21	LR	LR
AAM	Ann Arbor	79.89 16	PFAKE	00 09 30.0 +10
AAM	Ann Arbor	79.89 16	LR	LR
H12A	Diamond D Ranc	80.00 353	UP	P 00 09 20.9 +0.4
QLMT	Earthquake Lak	80.01 356	eP	P 00 09 22.2 +1.7
I06A	Prineville	80.06 349	UP	P 00 09 20.2 -0.6
J02A	Umpqua	80.06 347	UP	P 00 09 20.6 -0.1
I07A	Izee	80.09 350	UP	P 00 09 20.9 0.0
MCMT	McKenzie Canyo	80.10 355	eP	P 00 09 19.9 -1.1
RLMT	Red Lodge	80.20 357	PFAKE	00 09 30.0 +8.5
RLMT	Red Lodge	80.20 357	LR	LR
H10A	Noah's Angus R	80.23 352	UP	P 00 09 21.4 -0.3
H11A	Donnelly	80.27 353	UP	P 00 09 22.2 +0.3
H08A	Prairie City	80.40 351	UP	P 00 09 22.4 -0.2
G15A	Dillon	80.41 355	UP	P 00 09 22.7 0.0
H09A	Durkee	80.42 351	UP	P 00 09 22.6 -0.1
G13A	Cobalt	80.48 354	UP	P 00 09 22.7 -0.3
BMO	Blue Mountains	80.56 352	eP	P 00 09 25.5 +2.1
BMO	Blue Mountains	80.56 352	LR	LR
H07A	Lands Inn, Kim	80.60 350	P	P 00 09 23.9 +0.2
BOZ	Bozeman (W)	80.84 356	eP	P 00 09 23.8 -1.1
BOZ	Bozeman (W)	80.84 356	pmx	pmx
BOZ	Bozeman (W)	80.84 356	MLR	MLR
BOZ	Bozeman (W)	80.84 356	eP	P 00 09 23.8 -1.2
BOZ	Bozeman (W)	80.84 356	LR	LR
BOZ	Bozeman (W)	80.84 356	P	P 00 09 23.7 -1.2
H06A	Lindquist Farm	80.85 349	UP	P 00 09 25.9 +0.9
G11A	Walters Elk Ra	80.98 352	UP	P 00 09 25.6 -0.1
G09A	Cove	81.03 351	UP	P 00 09 26.1 +0.1
F14A	Wisdom	81.12 355	UP	P 00 09 26.9 +0.4
F13A	Darby	81.18 354	P	P 00 09 26.0 -0.7
G08A	Pilot Rock	81.20 351	UP	P 00 09 26.4 -0.4
F12A	Elk City	81.23 353	UP	P 00 09 26.4 -0.7
G07A	Ruggs Ranch, H	81.27 350	UP	P 00 09 26.3 -1.0
F11A	Grangeville	81.45 353	UP	P 00 09 27.7 -0.5
F09A	S2 Ranch, Elgi	81.47 351	UP	P 00 09 28.3 -0.1
F10A	Beach Ranch, E	81.65 352	UP	P 00 09 29.6 +0.3
F08A	Pendleton	81.67 351	UP	P 00 09 28.8 -0.6
E15A	Deer Lodge	81.68 355	UP	P 00 09 29.4 0.0
LAO	LASA Array	81.70 360	eP	P 00 09 31.1 +1.5
LAO	LASA Array	81.70 360	LR	LR
E14A	Clinton	81.73 355	UP	P 00 09 28.8 -0.9
E13A	Victor	81.81 354	UP	P 00 09 29.6 -0.5
BINY	Binghamton	81.85 22	PFAKE	00 09 40.0 +10
BINY	Binghamton	81.85 22	LR	LR
E11A	Bogner Ranch,	81.92 353	P	P 00 09 29.9 -0.7
F06A	Goldendale	81.92 349	UP	P 00 09 31.0 +0.3
F07A	Phinny Hill Vi	81.92 350	UP	P 00 09 29.9 -0.8
GLMI	Graying	82.08 15	PFAKE	00 11 20.0
GLMI	Graying	82.08 15	LR	LR
E10A	Myers Farm, Un	82.14 352	UP	P 00 09 31.6 -0.3
MSO	Missoula	82.18 354	eP	P 00 09 33.4 +1.4
CHMT	Chamberlain Mo	82.21 355	eP	P 00 09 31.9 -0.2
E08A	Dider Farm, El	82.39 351	UP	P 00 09 32.9 -0.3
D14A	Greenough	82.39 355	UP	P 00 09 32.8 -0.4
D13A	Huson	82.48 354	UP	P 00 09 33.9 +0.2
E07A	Sunnyside	82.56 350	UP	P 00 09 33.6 -0.4
D09A	Jones Farm, Ri	82.86 351	UP	P 00 09 35.8 +0.3
C13A	Hot Springs	83.08 354	UP	P 00 09 36.9 +0.2
C14A	Swan Lake	83.09 355	UP	P 00 09 36.5 -0.4
EGMT	Eagleton	83.11 357	PFAKE	00 09 50.0 +13
EGMT	Eagleton	83.11 357	LR	LR
BSMT	Bassoo Peak	83.26 354	eP	P 00 09 37.2 -0.5
WES	Weston	83.52 25	PFAKE	00 09 50.0 +11
WES	Weston	83.52 25	LR	LR
HRV	Harvard-Oak R	83.55 25	PFAKE	00 09 50.0 +11
HRV	Harvard-Oak R	83.55 25	LR	LR
C09A	Chrisman Ranch	83.58 351	UP	P 00 09 39.2 -0.1
ACCN	Adirondack Com	83.64 23	eP	P 00 09 36.1 -3.5
C07A	Waterville	83.70 350	UP	P 00 09 40.2 +0.3
NEW	Newport	83.90 352	LR	LR 00 41 08.7
EYMN	Ely	83.92 10	eP	P 00 09 39.3 -1.7
EYMN	Ely	83.92 10	LR	LR
NCB	Newcomb	84.00 22	eP	P 00 09 41.8 +0.4
NCB	Newcomb	84.00 22	LR	LR
C04A	Brinnon	84.17 348	UP	P 00 09 42.6 +0.3
B09A	Rice	84.18 352	P	P 00 09 43.5 +1.1
B08A	Colville Reser	84.26 351	UP	P 00 09 43.0 +0.2
A13A	Flathead Natio	84.31 354	UP	P 00 09 43.2 +0.2
FFD	Franklin Falls	84.37 24	eP	P 00 09 40.9 -2.5
WALA	Waterton Lakes	84.39 355	eP	P 00 09 43.2 -0.2
L0NY	Lake Ozonia	84.47 22	eP	P 00 09 42.1 -1.7
L0NY	Lake Ozonia	84.47 22	LR	LR
A11A	Hall Mountain,	84.51 353	P	P 00 09 45.2 +1.1
B05A	Bryant	84.56 349	UP	P 00 09 45.5 +1.2
MSNY	Massena	84.73 21	eP	P 00 09 44.1 -1.1
A09A	Danville	84.77 351	P	P 00 09 47.2 +1.8
A08A	Turner Farm, O	84.84 351	UP	P 00 09 46.5 +0.8
LBNH	Lisbon	84.97 24	PFAKE	00 10 00.0 +14
LBNH	Lisbon	84.97 24	LR	LR
A07A	Ashnola River,	85.08 350	UP	P 00 09 47.3 +0.4

A05A	Maple Falls	85.27 349	UP	P 00 09 48.3 +0.4
ULM	Lac du Bonnet	85.70 6	P	P 00 09 46.4 -3.6
ULM	Lac du Bonnet	85.70 6	LR	LR 00 47 25.8
ULM	Lac du Bonnet	85.70 6	UP	P 00 09 46.4 -3.6
STKA	Stevens Creek	88.05 232	eP	P 00 09 57.6 -3.9
STKA	Stevens Creek	88.05 232	LR	LR 00 42 09.8
STKA	Stevens Creek	88.05 232	P	P 00 09 57.6 -3.9
STKA	Stevens Creek	88.05 232	LR	LR 00 09 58.1
STKA	Stevens Creek	88.05 232	P	P 00 42 09.8
HNR	Honiara	88.17 260	PFAKE	00 10 10.0 +8.0
HNR	Honiara	88.17 260	LR	LR
EDM	Edmonton	88.49 355	eP	P 00 10 02.7 -0.9
CTAO	Charters Tower	92.39 243	PFAKE	00 10 30.0 +8.3
CTAO	Charters Tower	92.39 243	LR	LR
SIT	Sitka	95.44 344	PFAKE	00 10 50.0 +14
SIT	Sitka	95.44 344	LR	LR
SCHO	Schefferville	95.84 21	P	P 00 47 50.1
SCHO	Schefferville	95.84 21	PFAKE	00 10 50.0 +12
SCHO	Schefferville	95.84 21	LR	LR
SUR	Sutherland	95.95 137	PFAKE	00 10 50.0 +12
SUR	Sutherland	95.95 137	LR	LR
YKA	Yellowknife Ar	97.80 356	P	P 00 10 42.7 -3.8
YKA	Yellowknife Ar	97.80 356	PKP	PKP 00 27 19.1 -2.0
YKA	Yellowknife Ar	97.80 356	PKP	PKP 00 49 40.1
YKA	Yellowknife Ar	97.80 356	PKP	PKP 00 11

NOA	NORSAR Array B	133.10	36	PKP	PKPdf	00 16 24.8	-2.0
NKC	Novy Kostel	133.55	51	ePKP	PKPdf	00 16 28.2	+0.6
CLL	Collm	134.00	50	i/PIKIP	PKPdf	00 16 29.5	+1.1
CLL	Collm	134.00	50	i/PIKIP	PKIPK	00 16 33.1	-0.2
CLL	comp-Z,20nm,1.2s					00 10 00.0	
CLL	comp-Z,300nm,20.5s					00 16 33.1	
CLL						00 20 06.0	
CLL						00 20 17.0	-1.1
CLL						00 31 07.0	
CLL						00 41 38.0	
CLL						00 45 06.0	
KHC	Kasperske Hory	134.17	53	ePKP	PKPdf	00 16 28.9	+0.2
KHC	Kasperske Hory	134.17	53	ePKP	PKPdf	00 16 37.0	+0.1
KHC	Kasperske Hory	134.17	53	ePKP	PKPdf	00 16 28.9	+0.2
KHC	Kasperske Hory	134.17	53	ePKP	PKPdf	00 16 37.0	+0.1
TIXI	Tiksi	134.19	339	i/PIKIP	PKPdf	00 16 26.3	-2.5
TIXI	Tiksi	134.19	339	i/PIKIP	PKPdf	00 16 26.3	-2.5
TIXI	Tiksi	134.19	339	PFAKE	LR	00 16 40.0	+1.1
TIXI	Tiksi	134.19	339	PFAKE	LR	00 16 40.0	+1.1
GERES	GERES Array B	134.22	53	PKP	PKPdf	00 16 28.2	-0.6
BRG	Bergjesshubel	134.56	51	eP	PKPdf	00 16 30.7	+1.3
PRU	Prunohice	134.87	52	ePKP	PKPdf	00 16 30.8	+0.8
PVCC	Panska Ves	134.93	51	ePKP	PKPdf	00 16 31.4	+1.2
UPICE	Upice	135.85	51	ePKP	PKPdf	00 16 32.0	+0.1
DPG	Dobruska-Polom	136.04	52	ePKP	PKPdf	00 16 32.1	-0.1
MSEY	Mahrslau	136.39	152	PFAKE	LR	00 16 40.0	+7.1
MSEY	Mahrslau	136.39	152	PFAKE	LR	00 16 40.0	+7.1
MORC	Moravsky Berou	136.80	52	i/P	PKPdf	00 16 32.6	-1.0
KEV	Kevo	137.15	22	ePKP	PKPdf	00 16 22.1	
KEV	Kevo	137.15	22	PFAKE	LR	00 16 40.0	+5.7
KEV	Kevo	137.15	22	PFAKE	LR	00 16 40.0	+5.7
OKC	Ostrava-Krasne	137.19	52	ePKP	PKPdf	00 16 35.6	+1.2
KSRs	Korea Array	137.32	289	ePKP	PKPdf	00 16 33.3	-1.3
DGAR	Diego Garcia	136.40	177	PFAKE	LR	00 16 50.0	+1.5
DGAR	Diego Garcia	136.40	177	PFAKE	LR	00 16 50.0	+1.5
MDJ	Mudanjiang	137.41	300	PFAKE	LR	00 16 50.0	+1.5
MDJ	Mudanjiang	137.41	300	PFAKE	LR	00 16 50.0	+1.5
VYHS	Vyhn	137.58	54	ePKIPK	PKPdf	00 16 35.7	+0.6
INCN	Inchon	138.33	289	PFAKE	LR	00 16 50.0	+1.4
INCN	Inchon	138.33	289	PFAKE	LR	00 16 50.0	+1.4
BZS	Buzias	139.28	59	i/P	PKPdf	00 16 34.6	-3.6
KAF	Kangasniemi	139.36	33	eP	PKPdf	00 16 42.3	+2.9
FINES	FINESS Array B	140.07	34	PKP	PKPdf	00 16 36.5	-3.1
GZR	Gura Zlata	140.08	59	i/P	PKPdf	00 16 40.1	+0.5
CLNS	Chul'man	140.08	319	ePKIPK	PKPdf	00 16 39.9	+0.2
CLNS	Chul'man	140.08	319	ePKIPK	PKPdf	00 16 39.9	+0.2
CLNS	Chul'man	140.08	319	ePKIPK	PKPdf	00 16 39.9	+0.2
CLNS	Chul'man	140.08	319	ePKIPK	PKPdf	00 16 39.9	+0.2
DRGR	Drigr	140.11	57	i/P	PKPdf	00 16 40.4	+0.7
VOIR	Voigr	140.11	57	i/P	PKPdf	00 16 40.3	+0.6
DRGR	Drigr	140.11	57	i/P	PKPdf	00 16 40.3	+0.6
VOIR	Voigr	140.11	57	i/P	PKPdf	00 16 40.3	+0.6
JOF	Joensuu	141.80	30	eP	PKPdf	00 16 39.5	-3.3
BUR	Bucovina Array	141.81	56	i/P	PKPdf	00 16 40.1	-2.7
SNX	Sinaia	142.00	61	i/P	PKPdf	00 16 41.3	-1.8
MLR	Muntele Rosu	142.31	59	PKP	PKPdf	00 16 39.3	-4.3
MLR	Muntele Rosu	142.31	59	PKP	PKPdf	00 16 39.3	-4.3
MLR	Muntele Rosu	142.31	59	PKP	PKPdf	00 16 39.3	-4.3
MLR	Muntele Rosu	142.31	59	PKP	PKPdf	00 16 39.3	-4.3
TIRR	Tirgusor	144.03	61	i/P	PKPdf	00 16 44.5	-2.2
KIEV	Kiev	144.24	50	PFAKE	LR	00 17 00.0	+1.3
KIEV	Kiev	144.24	50	PFAKE	LR	00 17 00.0	+1.3
ULDT	Uludag	144.24	69	i/P	PKPdf	00 16 43.8	-3.3
HIA	Hailar	144.24	307	PFAKE	LR	00 17 00.0	+1.3
HIA	Hailar	144.24	307	PFAKE	LR	00 17 00.0	+1.3
AKASG	Malin Array B	144.24	50	PKP	PKPdf	00 16 42.2	-4.9
KIS	Kishinev	144.30	57	ePKP	PKPdf	00 16 41.0	-6.2
KIS	Kishinev	144.30	57	ePKP	PKPdf	00 16 41.0	-6.2
QIZ	Qiongzong	144.71	252	PFAKE	LR	00 17 00.0	+1.2
QIZ	Qiongzong	144.71	252	PFAKE	LR	00 17 00.0	+1.2
TKTP	Teketepe	144.85	72	i/P	PKPdf	00 16 47.0	-1.1
BORA	Esiksehir	145.21	69	i/P	PKPdf	00 16 46.1	-2.3
BOD	Bodaibo	145.45	323	ePKIPK	PKPdf	00 16 42.4	
BOD	Bodaibo	145.45	323	ePKIPK	PKPdf	00 16 42.4	
ESKT	Esiksehir	145.47	70	i/P	PKPdf	00 16 47.5	-1.7
KLMR	Klimovskoe	146.20	30	ePKIPK	PKPdf	00 16 46.7	-3.7
ELI	Elat	146.45	88	ePKP	PKPdf	00 16 51.5	+0.7
SGKT	Strigovoyuk	146.58	61	i/P	PKPdf	00 16 50.0	-1.0
BJI	Beijing	146.81	291	PKP	PKPdf	00 16 50.4	-1.1
BJI	Beijing	146.81	291	PKP	PKPdf	00 20 38.5	+2.1
BJI	Beijing	146.81	291	PKP	PKPdf	00 39 20.0	+3.5
BJI	Beijing	146.81	291	PKP	PKPdf	00 39 20.0	+3.5
BJT	Bajitjatau	146.81	291	PFAKE	LR	00 17 00.0	+8.5
ANTO	Ankara	147.00	70	i/P	PKPdf	00 16 53.6	+1.8
ANTO	Ankara	147.00	70	i/P	PKPdf	00 16 53.6	+1.8
ANTO	Ankara	147.00	70	i/P	PKPdf	00 16 53.6	+1.8
ANTO	Ankara	147.00	70	i/P	PKPdf	00 16 53.6	+1.8
OBN	Obninsk	147.44	41	ePKP2	PKPab	00 16 57.7	+0.7
OBN	Obninsk	147.44	41	ePKP2	PKPab	00 16 57.7	+0.7
OBN	Obninsk	147.44	41	ePKP2	PKPab	00 16 57.7	+0.7
OBN	Obninsk	147.44	41	ePKP2	PKPab	00 16 57.7	+0.7
ELDT	Eldivan	147.59	67	i/P	PKPdf	00 16 56.4	+1.1
BALD	Daday	147.67	67	i/P	PKPdf	00 16 52.7	0.0
CIT	Chita	147.62	313	ePKIPK	PKPdf	00 16 51.6	-1.2
CIT	Chita	147.62	313	ePKIPK	PKPdf	00 16 51.6	-1.2
BR13	Keskin Array S	147.63	70	ePKP2	PKPab	00 16 53.2	+0.4
BR13	Keskin Array S	147.63	70	ePKP2	PKPab	00 16 53.2	+0.4
BR13	Keskin Array S	147.63	70	ePKP2	PKPab	00 16 53.2	+0.4
BR13	Keskin Array S	147.63	70	ePKP2	PKPab	00 16 53.2	+0.4
MOS	Moscow	147.76	39	ePKP	PKPab	00 16 54.4	-3.9
MOS	Moscow	147.76	39	ePKP	PKPab	00 16 54.4	-3.9
SIM	Simferopol'	148.09	60	i/P	PKP2	00 16 59.4	-0.2
SIM	Simferopol'	148.09	60	i/P	PKP2	00 16 59.4	-0.2
CDAG	Cicekdag	148.19	70	i/P	PKPbc	00 16 57.8	+0.8
AVNT	Avonos	148.48	72	i/P	PKPdf	00 16 55.1	+0.8
CTKT	Corum	148.58	68	i/P	PKPdf	00 16 56.4	+2.0
BOYT	Boybat	148.70	67	i/P	PKPbc	00 16 58.7	+0.3
COBT	Iskenderun	149.27	77	i/P	PKPbc	00 16 59.3	+3.6
NST	Nakhon Sawan	149.71	236	ePKP	PKPbc	00 17 00.0	-0.9
GZT	Gaziantep	150.43	75	i/P	PKPdf	00 16 59.0	+1.7
PALK	Pallekele	151.42	193	PFAKE	LR	00 17 10.0	+1.1
PALK	Pallekele	151.42	193	PFAKE	LR	00 17 10.0	+1.1
ELZG	Elazig	151.67	73	i/P	PKPdf	00 17 01.0	+1.7
VRHR	Novohopersk	151.75	46	ePKIPK	PKPbc	00 17 06.2	+0.5
VRHR	Novohopersk	151.75	46	ePKIPK	PKPbc	00 17 06.2	+0.5
VRHR	Novohopersk	151.75	46	ePKIPK	PKPbc	00 17 06.2	+0.5
VRHR	Novohopersk	151.75	46	ePKIPK	PKPbc	00 17 06.2	+0.5
KELT	Kelkit	151.97	70	i/P	PKPbc	00 17 10.0	+3.8
SOC	Sochi	152.20	62	ePKIPK	PKPbc	00 20 45.0	+2.2
SOC	Sochi	152.20	62	ePKIPK	PKPbc	00 20 45.0	+2.2
SOC	Sochi	152.20	62	ePKIPK	PKPbc	00 20 45.0	+2.2
SOC	Sochi	152.20	62	ePKIPK	PKPbc	00 20 45.0	+2.2
SOC	Sochi	152.20	62	ePKIPK	PKPbc	00 20 45.0	+2.2

CM31	comp-Z,41nm,0.9s						
CM31	Chiang Mai Arr	152.46	239	PFAKE	LR	00 17 10.0	+1.0
CHTO	comp-Z,456nm,20.0s,MS5.3						
CHTO	Chiang Mai	152.69	239	ePKIPK	PKPbc	00 17 08.4	+0.6
ULN	comp-Z,406nm,21.0s,MS5.2						
ULN	Ulaanbaatar	152.77	307	ePKIPK	PKPdf	00 16 57.7	-3.2
IRK	comp-Z,558nm,22.0s,MS5.3						
IRK	Irkutsk	152.88	318	ePKIPK	PKPdf	00 17 05.1	+4.0
IRK	Irkutsk	152.88	318	ePKIPK	PKPdf	00 21 00.4	
SONM	comp-Z,73nm,1.6s						
SONM	Songino Array	153.21	308	PKP	PKPdf	00 16 59.4	-2.1
SONM	Songino Array	153.21	308	PKP	PKPdf	00 17 04.9	-4.1
SONM	Songino Array	153.21	308	PKP	PKPdf	00 17 04.9	-4.1
SONM	Songino Array	153.21	308	PKP	PKPdf	00 17 04.9	-4.1
TLY	comp-Z,32nm,1.2s						
TLY	Talaya	153.48	317	ePKP2	PKPbc	00 17 08.6	-1.0
TLY	Talaya	153.48	317	ePKP2	PKPbc	00 17 08.6	-1.0
KMI	comp-Z,114nm,21.0s,MS4.7						
KMI	Kunming	153.51	255	ePKIPK	PKPdf	00 17 01.0	-1.0
KMI	Kunming	153.51	255	ePKIPK	PKPdf	00 17 01.0	-1.0
KMI	Kunming	153.51	255	ePKIPK	PKPdf	00 17 01.0	-1.0
KMI	Kunming	153.51	255	ePKIPK	PKPdf	00 17 01.0	-1.0
ERZM	comp-Z,12nm,0.7s,baz=135,slow=2.5,SNR=40						
ERZM	Erzurum	153.58	70	i/P	PKPbc	00 17 11.5	+1.7
KIV	comp-Z,88nm,20.0s,MS4.6						
KIV	Kislovodsk	154.29	61	ePKIPK	PKPbc	00 17 11.7	+0.4
KIV	Kislovodsk	154.29	61	ePKIPK	PKPbc	00 17 11.7	+0.4
KIV	Kislovodsk	154.29	61	ePKIPK	PKPbc	00 17 11.7	+0.4
KIV	Kislovodsk	154.29	61	ePKIPK	PKPbc	00 17 11.7	+0.4
ZEI	comp-Z,88nm,20.0s,MS4.6						
ZEI	Tsey	155.33	63	ePKIPK	PKPdf	00 17 05.7	+1.2
LZH	comp-Z,370nm,21.0s,MS5.2						
LZH	Lanzhou	156.09	280	ePKIPK	PKPdf	00 17 03.0	-2.5
LZH	Lanzhou	156.09	280	ePKIPK	PKPdf	00 17 03.0	-2.5
LZH	Lanzhou	156.09	280	ePKIPK	PKPdf	00 17 03.0	-2.5
LZH	Lanzhou	156.09	280	ePKIPK	PKPdf	00 17 03.0	-2.5
GNI	comp-Z,19nm,1.7s						
GNI	Garni	156.17	70	PFAKE	LR	00 17 20.0	+1.4
GNI	Garni	156.17	70	PFAKE	LR	00 17 20.0	+1.4
ARU	comp-Z,214nm,20.0s,MS5.0						
ARU	Arti	156.37	22	PFAKE	LR	00 17 20.0	+1.4
ARU	Arti	156.37	22	PFAKE	LR	00 17 20.0	+1.4
NVS	comp-N,13nm,1.7s						
NVS	Novosibirsk	159.59	345	ePKP2	PKPab	00 17 41.8	-6.3
NVS	Novosibirsk	159.59	345	ePKP2	PKPab	00 21	

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

ISCJB 16 00:37:52.8-1.0, 5672N, 009.1539W, 02, h35km, mb3.6/5, Error ellipse: s-maj=15.4km s-min=12.1km az=66.4

NEIC 16 00:37:53.3, 5659N, 15372W, h24km, ML3.4(AEIC), After AEIC.

IDC 16 00:37:54.1-4.2, 5667N, 13930W, h28km, 25km, mb3.3/6, mb1.3/7, mb1mx3.4/23, mbtmp3.3/7, ML3.4/1, Error ellipse: s-maj=28.5km s-min=22.1km az=19.0

ISC 16 00:37:54.8-1.0, 5676N, 009.1538W, 02, h35km, n13, c081/17, mb3.6/5, Kodiak Island region

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

ISCJB 16 01:09:35.4-4.3, 66S, 01x1538E, 02, h115km, 33km, mb3.8/8, Error ellipse: s-maj=38.3km s-min=22.2km az=0.0

IDC 16 01:09:35.2-7.3, 66S, 15391E, h101km, 52km, mb3.6/7, mb1.3/7, mb1mx3.6/17, mbtmp3.6/9, MS3.4/1, Ms1.3/4/1, ms1mx3.0/18, Error ellipse: s-maj=71.4km s-min=23.3km az=95.0

NEIC 16 01:09:36.3-4.0, 651S, 15374E, h111km, 26km, mb4.6/2, Error ellipse: s-maj=44.3km s-min=18.2km az=89.0

ISC 16 01:09:36.3-9.3, 66S, 01x1538E, 02, h109km, 29km, n14, c077/14, mb3.8/8, New Britain region

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

ISCJB 16 01:37:39.2-0.8, 21S, 01x1286E, 03, h35km, mb3.9/4, Error ellipse: s-maj=51.6km s-min=8.9km az=147.3

NEIC 16 01:37:41.3-0.7, 206S, 1287E, h35km, mb3.8/1, Error ellipse: s-maj=9.0km s-min=9.5km az=78.0

IDC 16 01:37:45.8-4.0, 243S, 1281E, h79km, 38km, mb3.5/4, mb1.3/6, mb1mx3.4/17, mbtmp3.5/6, Error ellipse: s-maj=94.7km s-min=11.4km az=71.0

ISC 16 01:37:41.5-0.8, 22S, 01x1286E, 04, h35km, n14, c088/12, mb3.9/4, Ceram Sea

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

ISCJB 16 01:40:35.8-1.2, 3436N, 004x2679E, 04, h0km, 8km, mb3.8/8, Error ellipse: s-maj=7.9km s-min=4.9km az=71.4

IDC 16 01:40:36.5-1.2, 3429N, 2664E, h0km, mb3.8/7, mb1.3/7, mb1mx3.6/21, mbtmp3.7/10, ML3.6/3, MS3.0/1, Ms1.3/0/1, ms1mx2.6/39, Error ellipse: s-maj=26.0km s-min=16.6km az=4.0

CSEM 16 01:40:37.5-0.1, 3430N, 2677E, h5km, MD3.6, Error

ellipse: s-maj=3.9km s-min=2.1km az=56.0 THE 16 01:40:41.2, 3465N, 2672E, h10km, ATH 16 01:40:41.7, 3459N, 2657E, h27km, 5km, MD3.6/7, NEIC 16 01:40:42.0, 3456N, 2658E, h10km, ML3.0(ATH), After ATH.

HLW 16 01:40:48.6, 3379N, 2699E, h33km, Mb3.3 ISC 16 01:40:37.5-1.1, 3438N, 004-2670E, 004, h1km, 7km, n37, c1505/45, mb3.8/8, 2C-2D, Crete

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

NEIC 16 01:43:04.2, 1966N, 6759W, h17km, MD3.5(RSPR), After RSPR.

RSPR 16 01:43:04.2, 1966N, 6759W, h17km, 25km, MD3.5/9, MD3.5/9, 9C, Mona Passage

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

ATH 16 01:44:38.0, 3934N, 2604E, h23km, MD3.5/4 NEIC 16 01:44:38.0, 3934N, 2604E, h23km, MD3.2(ISK), MD3.5(ATH), After ATH.

ISK 16 01:44:38.4, 3938N, 2599E, h10km, MD3.4 ISCJB 16 01:44:38.0, 6.3, 3936N, 005x2601E, 003, h2km, 5km, Error ellipse: s-maj=4.8km s-min=3.2km az=72.9

CSEM 16 01:44:39.0-0.1, 3938N, 2603E, h12km, MD3.5, Error ellipse: s-maj=1.8km s-min=1.2km az=40.0

THE 16 01:44:39.1, 3928N, 2600E, h10km ISC 16 01:44:39.5-0.6, 3936N, 003-2600E, 003, h8km, 5km, n47, c0596/62, 4C-3D, Aegean Sea

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

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

ISCJB 16 01:54:44.9-0.2, 5564N, 002x11016E, 003, h10km, mb4.0/23, MS4.1/1, Error ellipse: s-maj=3.1km s-min=2.1km az=119.1

IDC 16 01:54:45.8-0.8, 5579N, 11008E, h0km, mb4.0/15, mb1.4/1/17, mb1mx4.0/27, mbtmp4.0/17, ML4.1/2, MS4.1/1, Ms1.4/1/1, ms1mx2.8/45, Error ellipse: s-maj=17.5km s-min=15.8km az=20.0

MOS 16 01:54:45.4-1.0, 5575N, 11015E, h14km, mb4.3/11, Error ellipse: s-maj=8.8km s-min=5.7km az=77.4

BYKL 16 01:54:46.9-0.2, 5568N, 11015E, h7km, 4km NEIC 16 01:54:47.8-0.5, 5582N, 10992E, h10km, mb4.3/7, Error ellipse: s-maj=9.3km s-min=7.6km az=68.0

ISC 16 01:54:46.4-0.2, 5566N, 002-11016E, 003, h10km, n109, c1938/170, mb4.0/23, MS4.1/1, 5C-2D, Lake Baykal region

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

YOA 16 01:54:46.4-0.2, 5566N, 002-11016E, 003, h10km, n109, c1938/170, mb4.0/23, MS4.1/1, 5C-2D, Lake Baykal region

YOA 16 01:54:46.4-0.2, 5566N, 002-11016E, 003, h10km, n109, c1938/170, mb4.0/23, MS4.1/1, 5C-2D, Lake Baykal region

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

SVKR 16 01:54:46.4-0.2, 5566N, 002-11016E, 003, h10km, n109, c1938/170, mb4.0/23, MS4.1/1, 5C-2D, Lake Baykal region

SVKR 16 01:54:46.4-0.2, 5566N, 002-11016E, 003, h10km, n109, c1938/170, mb4.0/23, MS4.1/1, 5C-2D, Lake Baykal region

SVKR 16 01:54:46.4-0.2, 5566N, 002-11016E, 003, h10km, n109, c1938/170, mb4.0/23, MS4.1/1, 5C-2D, Lake Baykal region

SVKR 16 01:54:46.4-0.2, 5566N, 002-11016E, 003, h10km, n109, c1938/170, mb4.0/23, MS4.1/1, 5C-2D, Lake Baykal region

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

SVKR 16 01:54:46.4-0.2, 5566N, 002-11016E, 003, h10km, n109, c1938/170, mb4.0/23, MS4.1/1, 5C-2D, Lake Baykal region

SVKR 16 01:54:46.4-0.2, 5566N, 002-11016E, 003, h10km, n109, c1938/170, mb4.0/23, MS4.1/1, 5C-2D, Lake Baykal region

SVKR 16 01:54:46.4-0.2, 5566N, 002-11016E, 003, h10km, n109, c1938/170, mb4.0/23, MS4.1/1, 5C-2D, Lake Baykal region

SVKR 16 01:54:46.4-0.2, 5566N, 002-11016E, 003, h10km, n109, c1938/170, mb4.0/23, MS4.1/1, 5C-2D, Lake Baykal region

SVKR 16 01:54:46.4-0.2, 5566N, 002-11016E, 003, h10km, n109, c1938/170, mb4.0/23, MS4.1/1, 5C-2D, Lake Baykal region

Table with columns: TRG, comp, station name, frequency, polarization, and other parameters. Includes stations like Tyrgan, Turuntaevo, Ulan-Yde, Chita, Kabansk, Khuramsha, Chara, Babushkin, Irkutsk, Listvyanka, Talaya, Khani, Tupik, Arshan, and Zakamensk.

Table with columns: ZAK, comp, station name, frequency, polarization, and other parameters. Includes stations like MOY, ORL, CLNS, KURK, AKT, KEV, ARCES, KAF, FINES, KIV, AKASO, HFS, NOB, INK, GUMO, BRTR, GERES, YKA, YKA, MDT, and WRA.

Table with columns: WRA, comp, station name, frequency, polarization, and other parameters. Includes stations like Warramunga Arr, Alice Springs, Torodi Ar. Bea, and various stations in the Northeastern China region.

IDC 16 02:09:55.1+1.0,545N:12624E,h0km,mb4.0/11, mb4.1/11,mb1mx3.9/21,mbimp4.0/11, Error ellipse: s-maj=99.7km s-min=14.3km az=70.0
MAN 16 02:09:55.6,517N:12676E,h14km,mb4.3,ML5.2,MS6.9
ISCJB 16 02:10:02.9,1.0,534N:006:1263E.0,1,h73km,8km, mb4.2/22, Error ellipse: s-maj=18.5km s-min=9.7km az=145.2
NEIC 16 02:10:02.6,1.6,533N:12607E,h54km,14km,mb4.5/6, Error ellipse: s-maj=43.8km s-min=8.9km az=71.0
BUI 16 02:10:02.6,530N:12610E,h54km,mb4.7,Ms4.3, Ms23.9
ISC 16 02:10:04.0+1.0,535N:006x12629E.010,h66km,8km,n33, e133/37,mb4.2/22,1D,Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like General Santos, Mati, Davao City (W), Musuan, Fitzroy Crossi, Warramunga Arr, Alice Springs, Kunming, Borovoye Array, Bilibino, Aktkyubinsk, Kevo, ARCES Array, Kangasniemi, Fines Array, Kislovodsk, Malin Array, Hagfors, NORSAR Array, Inuvik, Guam, Keskin Array, Geres Array, Yellowknife, Midelt, and Warramunga Arr.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Urewera, Matawai, Black Stump Fm, Whakapapa, etc.

MAN 16 02:14:28.5, 5.14N, 12687E, h32km, mb4.6, ML5.3, MS3.1
IDC 16 02:14:31.9, 4.2, 5.38N, 12621E, h27km, mb28km, mb4.1/17,
mb1 4.2/17, mb1mx4.0/24, mb1mp4.0/17, MS3.9/4,
Ms1 3.9/4, ms1mx3.3/26, Error ellipse: s-maj=29.0km
s-min=13.3km az=72.0

ISCBJ 16 02:14:34.9, 0.9, 531N, 006:12635E, 009, h69km, 7km,
mb4.3/31, Error ellipse: s-maj=14.6km s-min=8.8km
az=145.2

NEIC 16 02:14:36.6, 1.2, 532N, 12618E, h69km, 11km, mb4.5/10,
Error ellipse: s-maj=22.1km s-min=7.0km az=71.0

ISC 16 02:14:36.4, 0.9, 533N, 006:12634E, 008, h66km, 7km, n48,
s1215/5, mb4.3/31, 1C-1D, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like General Santos, Mati, Davao City (W), Musuan, etc.

ASAR 0.3nm, 0.5s, baz=353, sbz=2.8, SNR=3.6
ASAR 0.6nm, 0.9s, baz=6.1, sbz=3.5, SNR=4.7

KMI Kunming 29.99 313 P 02 20 42.2 +3.6
KMI comp=Z, 12nm, 0.7s, mb4.6

STKA Stephens Creek 39.75 160 P 02 22 02.7 +0.1
STKA Stephens Creek 39.75 160 P 02 22 03.9 +1.3

ULN Ulanbaatar 45.49 342 P 02 22 50.2 +1.2
SONM Songoing Array 45.67 341 P 02 22 50.2 -0.3

WMQ Urumqi 51.20 325 P 02 23 34.6 +1.6
WMQ comp=Z, 2.0nm, 1.2s, mb4.0

WMQ comp=Z, 60nm, 3.8s
WMQ comp=N, 69nm, 23.0s

WMQ comp=E, 125nm, 21.0s
WMQ comp=Z, 93nm, 22.0s

MK31 Makanchi Array 56.03 325 P 02 24 08.1 -0.2
MKAR Makanchi Array 56.03 325 P 02 24 08.0 -0.3

MKAR comp=Z, 2.3nm, 0.5s, mb4.4, baz=115, sbz=7.2, SNR=37
AAK Ala-Archa 58.92 317 P 02 24 28.8 -0.4

ZAL Zalesovo 59.00 333 P 02 24 28.7 -0.4
KUR Kurchatov 60.19 327 P 02 24 37.0 -0.4

BVAR Borovoye Array 65.78 327 P 02 25 13.9 -0.5
BRVK Borovoye 65.85 327 P 02 25 15.9 +1.0

CHKZ Chkalovo 65.93 327 P 02 25 14.3 -1.1
AKTK Aktyubinsk 72.17 321 P 02 25 53.8 -0.3

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

ISCJB 16 02:25:51.4, 0.6, 38N, 01:12645E, 03, h35km, mb4.1/16,
Error ellipse: s-maj=44.5km s-min=9.2km az=144.4

NEIC 16 02:25:58.4, 1.2, 377N, 12653E, h69km, 40km, mb4.2/6,
Error ellipse: s-maj=57.1km s-min=16.0km az=73.0

ISC 16 02:25:53.4, 0.6, 38N, 01:12655E, 03, h35km, n23, 0:06/21,
mb4.1/16, Talaud Islands

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

NEIC 16 02:30:47.7, 0.7, 501N, 1907E, h5km, ML2.8(BRA),
ML3.1(SZGRF), ML3.2(BUC), Error ellipse: s-maj=10.9km
s-min=4.3km az=15.0

PRU 16 02:30:48.7, 5.019N, 1903E, h0km
IDC 16 02:30:48.1, 2.5, 4999N, 1913E, h0km, mb1 3.6/5,
mb1mx3.9/20, mb1mp3.5/5, ML2.8/4, Error ellipse:
s-maj=38.0km s-min=2.3km az=13.0

CSEM 16 02:30:48.3, 0.2, 501N, 1911E, h2km, ML3.1/8, Error
ellipse: s-maj=4.4km s-min=2.3km az=12.0

BGR 16 02:30:48.6, 0.3, 5015N, 1910E, h1km, ML3.1/8, Error
ellipse: s-maj=8.9km s-min=4.4km az=177.0

VIE 16 02:30:50.2, 0.4, 4981N, 1904E, h0km, mb2.3/2, ML3.1/4,
Error ellipse: s-maj=2.8km s-min=2.5km az=169.0 49 km
S of Katowitz Suspected Mining induced.

WAR 16 02:30:48.4, 5.011N, 1916E, ML3.0, 13C-8D, Mining
Induced, Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ojcow, Raciborz, Ostrava-Krasne, etc.

KECS Kecov 1.84 151 P 02 31 20.3 -1.0
VRAC 5.7nm, 0.3s, baz=64, sbz=13, SNR=27

VRAC 4.1nm, 0.3s, baz=75, sbz=17, SNR=5.5
VRAC 1.85 245 P 02 31 45.3 0.0

VRAC 1.85 245 S 02 31 45.3 0.0
VRAC 1.85 245 P 02 31 45.3 0.0

VRAC 1.85 245 P 02 31 45.3 0.0
VRAC 1.85 245 P 02 31 45.3 0.0

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

GERES GERESS Array S 3.77 253 P 02 31 47.0 -0.8
GERES GERESS Array S 3.77 253 P 02 31 47.0 -0.8

GERES GERESS Array B 3.77 253 P 02 31 47.0 -0.8
GERES GERESS Array B 3.77 253 P 02 31 47.0 -0.8

DRGR 4.07 143 P 02 32 58.8 -1.5
DRGR 4.07 143 P 02 32 58.8 -1.5

TANN Tannenberg 4.31 277 P 02 31 52.8 -2.4
TANN Tannenberg 4.31 277 P 02 31 52.8 -2.4

WERN Wernitzgruen 4.36 275 P 02 32 00.6 -0.1
BURAR Buccovina Array 4.71 120 P 02 32 06.6 -0.1

BZS Buzias 4.79 159 P 02 32 01.4 -0.3
BZS Buzias 4.79 159 P 02 32 01.4 -0.3

GR1 Grafenberg Arr 5.15 268 S 02 32 30.3 -3.4
GRF Grafenberg Arr 5.15 268 S 02 32 30.3 -3.4

GZR Gura Zlata 5.31 151 P 02 32 09.3 +0.4
GZR Gura Zlata 5.31 151 P 02 32 09.3 +0.4

AKASG Malin Aray B 6.46 81 P 02 32 45.9 -6.4
AKASG comp=Z, 0.8nm, 0.3s, baz=268, sbz=16, SNR=3.5

VTS Vitoshka 8.02 158 P 02 32 44.2 -2.0
VTS Vitoshka 8.02 158 P 02 32 44.2 -2.0

NOA NORARSAR Array B 11.83 341 P 02 33 32.9 -5.4
FINES FINESS Array B 12.00 16 P 02 33 36.2 -4.5

KAF Kangansiemni 12.67 15 P 02 33 44.9 -4.9
JOF Joensuu 14.45 23 P 02 34 07.6 -6.5

ARCES ARCESS Array B 19.73 7 P 02 35 17.2 -3.7
ISCBJ 16 02:48:15.4, 1.0, 142N, 02:1448E, 04, h162km, 9km,
mb3.3/6, Error ellipse: s-maj=60.5km s-min=24.8km

IDC 16 02:48:16.1, 0.7, 1416N, 1448E, h154km, 6km, mb2.9/5,
mb1 3.1/5, mb1mx3.0/21, mb1mp2.9/5, Error ellipse:
s-maj=35.5km s-min=19.8km az=93.0

NEIC 16 02:48:16.7, 0.9, 1414N, 14490E, h162km, 9km, mb3.8/1,
Error ellipse: s-maj=39.3km s-min=15.9km az=89.0

ISC 16 02:48:16.5, 1.1, 142N, 01:1449E, 04, h159km, 8km, n8,
0:027/9, mb3.3/6, Mariana Islands

GUMO Guam 0.58 186 P 02 48 39.8 -0.4
GUMO 213nm, 0.3s, baz=315, sbz=3.8, SNR=163

WRAR Warramunga Arr 35.46 197 P 02 54 57.3 -0.2
ASAR Alice Springs 39.12 196 P 02 55 28.5 +0.2

MKAR Makanchi Array 61.12 316 P 02 58 13.8 0.0
MKAR Makanchi Array 61.12 316 P 02 58 13.8 0.0

BVAR Borovoye Array 69.51 322 P 02 59 07.7 -0.1
YKA Yellowknife Ar 82.32 27 P 03 00 20.2 -0.1

WEL 16 02:52:56.6, 0.5, 3604S, 17983E, h33km, ML3.5/2, Error
ellipse: s-maj=8.0km s-min=5.3km az=90.0, Off east
coast of North Island

PUZ Puketiti 2.39 211 P 02 53 33.0 0.0
PUZ Urewera 3.11 224 P 02 54 01.0 -0.6

URZ Urz 3.44 224 P 02 54 17.1 -2.1
KNZ Kokohu 3.44 209 P 02 53 46.8 -1.0

IDC 16 02:58:24.7, 5.8, 4707N, 15510E, h0km, mb3.8/4,
mb1 4.1/4, mb1mx3.5/23, mb1mp3.9/4, Error ellipse:
s-maj=189.8km s-min=38.8km az=16.0, East of Kuril
Islands

BVAR Borovoye Array 51.70 310 P 03 07 33.2 -0.3
FINES FINESS Array B 64.32 336 P 03 09 00.1 -2.0

NOA NORARSAR Array B 68.36 342 P 03 09 28.4 +0.6
TXAR Urumqi 76.15 62 P 03 10 14.6 +0.1

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

Table with columns: FITZ, FITZ, SONM, MK31, MKAR, TOAD, TORD. Includes station names, coordinates, and times.

IDC 16 05:50:40.0.2.7, 1792S, 17799W, h329km, 34km, mb3.5/4, mb1 3.8/5, mb1mx3.4/16, mbtmp3.6/5, Error ellipse: s-maj=114.0km s-min=21.4km az=155.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AFI, AFI, STKA, WRA, ASAR, TXAR.

ISCJB 16 05:52:50.5.0.4, 5013N-003.1841E, 003, h0km, Error ellipse: s-maj=4.5km s-min=2.6km az=36.3 NEIC 16 05:52:51.3.0.5, 5015N-1842E, h5km, ML2.6(BUC), Error ellipse: s-maj=6.3km s-min=3.7km az=199.0 CSEM 16 05:52:52.3.0.2, 5009N-1843E, h3km, ML2.6, Error ellipse: s-maj=4.4km s-min=2.2km az=5.0 WAR 16 05:52:52.6.0.6, 5006N-1845E, ML2.6, Mining Induced PRU 16 05:52:53.7.0.07N-1833E, h0km ISC 16 05:52:51.8.0.4, 5009N-003.1839E, 003, h0km, n38, o122/61, 4C-11D, Poland

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RAC, MORC, WRA, TXAR, VRAC, etc.

JMA 16 05:53:59.8.0.2, 4195N-13849E, h30km, 2km, M3.5, Eastern Sea of Japan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JOSH, JSH, JYM2, JSR, etc.

NEIC 16 05:53:51.7.0.5, 4782N-15354E, h10km, mb4.0/1, Error ellipse: s-maj=15.7km s-min=13.2km az=175.0 MOS 16 05:53:53.8.0.1, 4785N-15385E, h39km, mb4.1/1, Error ellipse: s-maj=20.3km s-min=14.1km az=53.2 ISCJB 16 05:53:58.0.1.2, 479N-01.1537E, 01, h74km, 10km, mb3.5/1, Error ellipse: s-maj=21.8km s-min=7.5km az=95.0 IDC 16 05:54:02.7.4.4, 4786N-15351E, h101km, 41km, mb3.3/10, mb1 3.5/11, mb1mx3.4/25, mbtmp3.4/11, MS2.9/1, Ms1 2.9/1, ms1mx2.3/37, Error ellipse: s-maj=20.7km s-min=18.4km az=142.0 ISC 16 05:54:00.3.1.1, 480N-01.1537E, 01, h79km, 9km, n20, o1905/21, mb3.5/11, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SKR, SKR, SKR, KUR, KUR, YSS, ASAJ, MJAR, MKAR, MKAR, KURK, YKA, BVAR, YBH, FINES, PDAR, HFS, WRA, AKASO, ASAR, TXAR.

IDC 16 06:07:35.9.4.9, 775N-12654E, h104km, 46km, mb3.8/18, mb1 3.9/19, mb1mx3.9/25, mbtmp3.8/19, Error ellipse: s-maj=33.6km s-min=9.9km az=78.0 ISCJB 16 06:07:36.2.0.6, 769N-004.12656E, 008, h123km, 5km, mb4.1/22, Error ellipse: s-maj=12.8km s-min=5.7km az=157.5 MAN 16 06:07:36.9.785N-12676E, h62km, mb4.0, ML5.0, MS3.2 NEIC 16 06:07:37.4.1.1, 778N-12659E, h120km, 10km, mb4.4/4, Hagiwara ellipse: s-maj=19.5km s-min=7.5km az=106.0 ISC 16 06:07:37.6.0.6, 768N-004.12653E, 007, h119km, 5km, n41, o92/47, mb4.1/22, 4C-4D, Mindanao

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MATI, DAV, DAV, DAV, BUKP, CGP, GSPH, CTBH, SCPH, MSPL, TBP, LLLP, SNPH, JOW, KAKA, FITZ, NAKATSUE, WRA, WB2, KRSR, MJAR, ASAR, ARCES, STKA, STKA, SONM, MKAR, ZAL, KURK, AKT, AKTO, COLA, JOF, INK, ARCES, VNSA, VNSA, VNSA, FINES, AKASO, TORD, MKAR.

BUI 16 06:14:03.0, 3620N-12030W, h9km, mb4.8, mb4.2, Msz4.4 IDC 16 06:14:04.5.1.1, 3606N-12004W, h0km, mb4.0/6, mb1 4.1/11, mb1mx3.9/25, mbtmp3.8/11, ML3.5/5, MS3.4/9, Ms1 3.4/9, ms1mx3.2/38, Error ellipse: s-maj=17.6km s-min=10.9km az=85.0 ISCJB 16 06:14:05.7.0.2, 3616N-002.12026W, 002, h24km, 2km, mb3.9/6, MS3.5/6, Error ellipse: s-maj=2.9km s-min=2.2km az=85.1 NEIC 16 06:14:05.0, 3617N-12029W, h10km, mb3.8/1, MW4.2(BFK), After NCED NEIC Feat [VI] at Coalinga. Also felt at American Canyon, Antelope, Avenal, Burbank, Camanche, Clovis, Creston, Cupertino, Huron, Irvine, Lemoore, Soledad, Three Rivers and Tulare. ISC 16 06:14:05.9.0.3, 3616N-002.12027W, 002, h18km, 2km, n102, o995/132, mb3.9/6, MS3.5/6, 38C-25D, Central California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like U05C, PKD, PKD, V05C, U04C, U04C, U04C, PVR, LTR, V04C, V04C, V04C, V03C, V03C, T05C, RCTC, RCTC, RCTC, SMMC, SMMC, T06C, T06C, VES, VES, HAST, HAST, HAST, SAO, SAO, HELL, HELL, PACP, PACP, S05C, S05C, PKM, PKM, KCC, KCC, ISA, ISA, ARVC, ARVC, S04C, S04C, BNLO, BNLO, MTUM, MTUM, CMB, CMB, OSI, OSI, JRSC, JRSC, R04C, R04C, R04C, DAC, DAC, BLM, BLM, BSC, BSC, BSC, SAC, SAC, MPMC, MPMC, EDW2, EDW2, BLG, BLG, NVAR, NVAR, NVAR, NVAR, Q04C, Q04C, BFC, BFC, MCCM, MCCM, GSC, GSC, NSHM, NSHM, CIS, CIS, P05C, P05C, WCN, WCN, SHOC, SHOC, SHOC, SHOC, SUTB, SUTB.

Table with multiple columns containing station names (e.g., EIBI, AVF, EBEN), frequencies, and signal strength values. The table is organized into several vertical columns, with station names on the left and numerical values on the right.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EMAZ, MAZARICOS, BERJA, HAUDOMPRES, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IDC, RAO, STKA, WRA, ASAR, MEX, CAIG, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM, RAO, STKA, WRA, ASAR, GRMI, etc.

16Z 10h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GZR Gura Ziata, DRGR Buzias, MK31 Makanchi Array, etc.

JMA 16 09:21:00.8, 0.6, 4425N, 15121E, h30km, M4.2, East of Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NEM2 Nemuro 2, JRA Rausu, JNK Nakash, etc.

IDC 16 09:29:40.0, 2.1, 137N, 12646E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.5/16, mbtmp3.7/3, Error ellipse: s-maj=179.2km s-min=25.0km az=66.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, WB2 Warramunga Arr, ASAR Alice Springs, etc.

ISC/JB 16 09:32:10.3, 0.8, 3302N, 006.1401E, 0.1, h16km, 6km, mb3.7/2, Error ellipse: s-maj=20.8km s-min=9.6km az=11.2

IDC 16 09:32:11.3, 3.2, 3251N, 13848E, h70km, 74km, mb3.3/2, mb1 3.4/3, mb1mx3.1/2, mbtmp3.2/3, ML2.7/1, Error ellipse: s-maj=140.2km s-min=49.0km az=60.0

JMA 16 09:32:12.3, 0.1, 3314N, 14009E, h106km, 2km, M2.5, ISC 16 09:32:11.6, 0.8, 3305N, 006.1401E, 0.1, h110km, 6km, n14, 0.5/5/19, mb3.7/2, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JH2 Mitsune, JHJ Hachioji jima 2, JHJ Oshima 3, etc.

ISC/JB 16 09:45:58.3, 0.3, 4771N, 002.1373E, 0.02, h8km, Error ellipse: s-maj=2.3km s-min=1.9km az=116.0

PRU 16 09:45:59.8, 0.7, 4730E, h0km, CSEM 16 09:45:59.6, 0.1, 4761N, 1374E, h12km, ML3.2/11, Error ellipse: s-maj=2.3km s-min=1.9km az=140.0

VIE 16 09:45:59.1, 0.1, 4766N, 1372E, h8km, 1km, mb2 1/6, ML2.7/9, Error ellipse: s-maj=0.8km s-min=0.6km az=169.0 8 km NW of Bad Aussee

BGR 16 09:46:02.0, 0.7, 4768N, 1376E, h10km, ML2.9/6, Error ellipse: s-maj=7.8km s-min=5.6km az=134.0

ISC 16 09:45:59.7, 0.3, 4766N, 002.1376E, 0.02, h1km, 5km, n38, 0.1/10/66, 17C-6D, Austria

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MOA Molln.

2006 DEC

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MOA, BGLD Berchtesgaden, KBA Koblbreinberg, KBA 59nm, 0.3s, etc.

NIED 16 10:00:00, 3520N, 13840E, h23km, Mw3.9 Best double couple: M=8.35000, 1014 NP1=283.00000, 850.00000, 1.15.00000, NP2=68.00000, 64.00000, 1.64.00000

IDC 16 10:00:07.0, 0.8, 3508N, 13846E, h0km, mb3.9/2, mb1 4.1/2, mb1mx4.0/2, mbtmp3.9/12, MS3.2/2, Ms=13.5, ms1mx2.8/2.02, Error ellipse: s-maj=32.3km s-min=16.5km az=84.0

NEIC 16 10:00:07.9, 1.8, 3510N, 13871E, h10km, MG4.0(JMA), Error ellipse: s-maj=66.3km s-min=16.1km az=83.0

ISC/JB 16 10:00:10.2, 0.4, 3510N, 003.13843E, 0.04, h28km, 3km, mb3.9/13, MS4.1/1, Error ellipse: s-maj=5.9km s-min=5.3km az=135.2

JMA 16 10:00:10.9, 0.1, 3516N, 13842E, h21km, 1km, M4.0 Broadband fault plane solution: P waves. NP1: 0.48.00000, 844.00000, 139.00000, NP2: 288.00000, 64.00000, 127.00000, Principal axes: T P155.0000, Azm245.0000, N P163.0000, Azm90.0000, P P12.0000, Azm352.0000

JMA Felt III J, ISC 16 10:00:10.7, 0.5, 3512N, 003.13845E, 0.04, h21km, 4km, n27, 0.575/34, mb3.9/13, MS4.1/1, 2C-5D, Eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SHZ3 Shizuoka 3, JYN Shimob, JYN Yasuok, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, JOF Joensuu, etc.

ISC/JB 16 10:13:34.0, 4.0, 4311N, 002.045E, 0.02, h8km, 4km, Error ellipse: s-maj=3.2km s-min=2.8km az=85.9

STR 16 10:13:35.7, 0.2, 4304N, 0.04E, h5km, 1km, M1.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 16 10:13:36.3, 0.3, 4304N, 0.04E, h6km, 4km, mblg1.5/1.9, Error ellipse: s-maj=2.4km s-min=1.9km az=169.0, PRXIMO

LDG 16 10:13:36.0, 0.1, 4303N, 0.04E, h4km, Md2.2/1, M1.2/3/6, Error ellipse: s-maj=1.4km s-min=0.7km az=163.0

ISC 16 10:13:35.3, 0.3, 4307N, 002.044E, 0.02, h12km, 3km, n41, 0.4/9/67, France

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like EPF Esparrros, LAFB Labassere, RESF Ens, etc.

16d 14h

Table with columns: CBU, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRSR Korea Array, ASAJ Asahikawa, SONM Songo Array, MKAR Makanchi Array, FITZ Fitzroy Crossi, etc.

IDC 16 11:08:29.0.3.5, 1427S.16685E, h0km, mb3.9/4, mb1.4/0.5, mb1mx3.8/1.6, mbtmp4.0/5, ML4.5/1, Error ellipse: s-maj=69.8km s-min=40.9km az=86.0, Yanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, WRA Warrunganga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

NIED 16 11:34:00.3630N:14170E, h20km, Mw4.0 Best double couple: Mo 1.25000e+015 NPI1.25e25.00000, d77.00000, A 7.1.00000, NP2.2e22.00000, g22.00000, A 145.00000

MOS 16 11:34:28.2.0.5, 3624N:14187E, h3km, mb4.7/5, Error ellipse: s-maj=18.8km s-min=10.3km az=127.6

ISCJB 16 11:34:28.3.1.6, 3628N:003.14187E, h3km, 12km, mb3.9/18, MS3.5/4, Error ellipse: s-maj=8.2km

JMA 16 11:34:29.0.2.3631N:14167E, h59km, 4km, M4.1 JMA Felt J1

NEIC 16 11:34:31.4.0.6, 3622N:14165E, mb4.5/2, Mw4.0(NIED), Error ellipse: s-maj=15.1km s-min=12.2km az=196.0

IDC 16 11:34:32.3.2.0, 3620N:14159E, h43km, 19km, mb3.5/13, mb1.3/8/18, mb1mx3.7/27, mbtmp3.7/18, ML3.8/5, MS3.4/7, Ms1.3/4.7, ms1mx3.1/3.1, Error ellipse: s-maj=20.5km s-min=12.1km az=85.0

ISC 16 11:34:30.2.1.5, 3626N:003.14174E, h30km, 10km, h36km, 1.4km, pp-P, n57, e=0.84/65, mb3.9/18, MS3.5/4, 5D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHOU Chosi, JHO Hitachi, ONAJ Iwakimizuishiy, JFK Kawouchi, JFT Otawa, etc.

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Table with columns: AKT, AKTO, ASAR, DZM, YKA, YKB, YBN, YOB, NOA, NOB, NOC, NOE, NOF, NOG, NOH, NOI, NOJ, NOK, NOL, NOM, NOO, NOQ, NOR, NOS, NOT, NOU, NOV, NOX, NOY, NOZ, AKASG, BRTR, GERES, TXAR, etc.

IDC 16 11:43:10.8.1.5, 1623S:17851W, h0km, mb4.1/5, mb1.4/4.5, mb1mx4.0/15, mbtmp4.1/5, Error ellipse: s-maj=145.5km s-min=24.0km az=153.0

NEIC 16 11:43:13.9.0.0, 3149S:17915W, h0km, mb4.4/1, Error ellipse: s-maj=20.7km s-min=19.7km az=155.0

ISCJB 16 11:43:16.1.0.9, 1515S:01.1793W, h0.1, h35km, mb4.4/8, Error ellipse: s-maj=21.6km s-min=19.6km az=120.8

ISC 16 11:43:18.1.0.9, 1505S:01.1792W, h1.0, h35km, n11, e=142/11, mb4.4/8, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, HNR Honiara, PMG Port Moresby, STKA Stephens Creek, WRA Warrunganga Arr, ASAR Alice Springs, etc.

IDC 16 11:52:58.4.3.4, 817S:11139E, h0km, mb3.2/3, mb1.3/3/3, mb1mx3.2/17, mbtmp3.2/17, Error ellipse: s-maj=194.8km s-min=27.5km az=49.0, Jawa region

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

IDC 16 11:56:22.0.3.7, 450S:15338E, h0km, mb3.5/2, mb1.3/8/2, mb1mx3.4/14, mbtmp3.5/2, Error ellipse: s-maj=171.4km s-min=48.8km az=122.0, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warrunganga Arr, ASAR Alice Springs, TORO Torodji Arr, etc.

NEIC 16 12:12:13.9, 3467N:2502E, h5km, MD3.5(ATH), After ATH

CSEM 16 12:12:13.9, 3467N:2502E, h5km, MD3.5/5, After ATH

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like XRY Khristi, NPS Neapolis, GVD Gavdos, VAM Vamos, etc.

IDC 16 12:12:45.9.3.5, 3485N:6757E, h0km, mb3.5/4, mb1.3/6/6, mb1mx3.4/23, mbtmp3.4/6, ML3.3/2, Error ellipse: s-maj=95.3km s-min=29.3km az=94.0

ISCJB 16 12:12:49.5.1.1, 3514N:006.683E, h10km, mb3.4/4, Error ellipse: s-maj=16.8km s-min=6.7km az=136.2

NEIC 16 12:12:50.1.1.5, 3494N:6835E, h10km, mb3.4/1, Error ellipse: s-maj=28.5km s-min=10.3km az=68.0

NNC 16 12:12:55.7.1.8, 3558N:6783E, h0km, mb3.5, mpv3.4, Error ellipse: s-maj=21.9km s-min=15.7km az=96.0

ISC 16 12:12:50.7.1.1, 3507N:006.682E, h10km, n18, e=148/22, mb3.4/4, 3C-1D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KBL Kabul, CEP Cherat, SBP Sheikh Budin, THW Thamme Wai, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SONM Songo Array, WRA Warrunganga Arr, ASAR Alice Springs, etc.

IDC 16 12:32:02.1.1.0, 4685N:15395E, h0km, mb3.6/8, mb1.3/8/9, mb1mx3.6/23, mbtmp3.6/9, ML3.2/1, Error ellipse: s-maj=29.9km s-min=23.4km az=156.0

NEIC 16 12:32:03.0.0.7, 4680N:15382E, h10km, Error ellipse: s-maj=21.1km s-min=11.9km az=144.0

ISCJB 16 12:32:05.3.0.9, 4680N:15382E, h35km, mb3.6/8, Error ellipse: s-maj=28.1km s-min=14.8km az=124.5

ISC 16 12:32:07.0.0.9, 4680N:15382E, h35km, n10, e=089/10, mb3.6/8, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAJ Asahikawa, ERM Erimo, MKAR Makanchi Array, YKA Yellowknife Arr, etc.

TIF 16 13:08:10.5, 4278N:4615E, h10km, 4km

ISCJB 16 13:08:11.0.0.4, 4285N:003.4619E, h7km, 4km, Error ellipse: s-maj=4.7km s-min=2.9km az=27.5

MOS 16 13:08:11.0.1.6, 4293N:4629E, h17km, mb4.2/1, Error ellipse: s-maj=12.6km s-min=7.5km az=23.7

CSEM 16 13:08:13.2.0.2, 4290N:4638E, h34km, 2km, mb4.2, Error ellipse: s-maj=5.8km s-min=3.7km az=174.0

ISC 16 13:08:15.8.0.4, 4283N:002.4618E, h0.2, h8km, 4km, n30, e=129/56, 1B-2D, Eastern Caucasus region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DLMR Dylm, DLMR Dylm, DLMR Dylm, UNCUK Uncukul, DBC Dubki, etc.

IDC 16 13:08:15.8.0.4, 4283N:002.4618E, h0.2, h8km, 4km, n30, e=129/56, 1B-2D, Eastern Caucasus region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZEI Tsey, ZEI Tsey, ZEI Tsey, GOR Gori, AKT Akhty, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for TXAR Lajitas Array, BRTR Keskin Array B, GERES GERES Array B, etc.

ISC/JB 16:23:19.6-0.9,3186S.008:13857E.006,h10km,Error ellipse: s-maj=1.2km s-min=7.0km az=2.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for BBOO Buckleboo, STKA Stephens Creek, ARPS Mount Arapiles, etc.

ATH 16:45:37.8,3901N-2193E,h77km,3km

ISC/JB 16:45:38.1-0.7,3901N-2192E.005,h76km,7km, Error ellipse: s-maj=8.6km s-min=5.5km az=102.3

CSEM 16:45:38.2-0.1,3903N-2189E,h60km,ML2.7,Error ellipse: s-maj=2.6km s-min=1.9km az=130.0

THE 16:45:38.7-0.7,3900N-2191E,h18km,ML2.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for EVR Erytria, AGG Agios Georgios, THL Klokotos Trika, etc.

IDC 16:07:05.1-0.7,5117N:17778W,h0km,mb4.2/21, m2.1, 4/22, mb1mx3.4/3.1, mbmp4.2/22, ML4.0/1, MS3.9/6, Ms1 3.8/6, ms1mx3.4/4.0, Error ellipse: s-maj=23.5km s-min=12.9km az=175.0

ISC/JB 16:07:08.0-2.1,5104N-009:17770W-006,h29km,14km, mb4.5/67, MS3.9/10, Error ellipse: s-maj=15.2km s-min=5.7km az=153.5

NEIC 16:07:08.4-1.4,5110N:17767W,h20km,9km,mb4.7/41, Error ellipse: s-maj=10.3km s-min=4.6km az=171.0

BUI 16:07:08.3,5166N-17806W,h20km,mb5.1,mb4.7,Ms4.5, Ms2.0

ISC 16:07:10.2-2.2,5118N-009:17771W-006,h31km,15km, n153,0s91/152,mb4.5/67,MS3.9/10,4C-10D,Andreanof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for ADK Adak, AMKA Amchitka, ATKA Atka Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for DUG Dugway, BW06 Boulder Array, PDAR Pinedale Array, etc.

HHC Hu-ho-hao-te 46.40 287 eP P 18 15 49.9 +0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for HHC, ULM, SDCO, EYMN, LZH, etc.

LZH Lanzhou 56.10 287 eP P 18 16 48.5 +2.1

GTA Gaotai 56.28 293 eP P 18 16 49.3 +1.1

ARCES ARCES Array B 58.40 351 P P 18 17 01.8 -0.9

CD2 Chengdu 59.69 283 eP P 18 17 12.6 +1.0

WMQ Urumqi 60.02 304 eP P 18 17 16.3 +2.4

WMQ Kunming 64.43 279 P P 18 17 43.1 -0.3

WMQ Kolding 73.99 294 eP P 18 18 43.0 +0.4

AKASO Malin Array Be 75.95 343 P P 18 18 52.8 -1.2

STHS Stebnicka Huta 78.48 348 eP P 18 19 09.4 +1.2

KOLS Kolonic sedl 78.81 347 eP P 18 19 10.2 +0.2

KIV Kiviovi 79.77 332 eP P 18 19 10.8 -0.1

BAIF Baives 79.13 359 eP P 18 19 12.0 +0.3

BAIF Baives 79.13 359 eP P 18 19 12.0 +0.3

BAIF Baives 79.13 359 eP P 18 19 12.0 +0.3

BAIF Baives 79.13 359 eP P 18 19 12.0 +0.3

BAIF Baives 79.13 359 eP P 18 19 12.0 +0.3

BAIF Baives 79.13 359 eP P 18 19 12.0 +0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for BURAR Bucoovina Array, VYHS Vyhne, GERES GERES Array B, etc.

MEZF Maizieres Jvi 80.67 358 eP P 18 19 20.3 +0.3

MEZF Maizieres Jvi 80.67 358 eP P 18 19 20.3 +0.3

CDP Champ du Feu 80.70 357 eP P 18 19 20.1 -0.1

GRR Gorron 80.78 2 eP P 18 19 20.5 -0.1

GRR Gorron 80.78 2 eP P 18 19 20.5 -0.1

SGMF Saint Gilles 80.86 3 eP P 18 19 21.1 +0.1

VRI Vrincoiaia 81.06 343 eP P 18 19 25.7 +3.6

VRI Vrincoiaia 81.06 343 eP P 18 19 25.7 +3.6

BZS Buzias 82.15 346 eP P 18 19 28.0 +0.1

BZS Buzias 82.15 346 eP P 18 19 28.0 +0.1

BZS Buzias 82.15 346 eP P 18 19 28.0 +0.1

BZS Buzias 82.15 346 eP P 18 19 28.0 +0.1

BZS Buzias 82.15 346 eP P 18 19 28.0 +0.1

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BZS Buzias 82.15 346 eP P 18 19 28.0 +0.1

BZS Buzias 82.15 346 eP P 18 19 28.0 +0.1

BZS Buzias 82.15 346 eP P 18 19 28.0 +0.1

ISC/JB 16:35:30.2-3.5,1254S:16685E,h240km,32km,mb3.6/11, mb1.3/7.3, mb1mx3.7/19, mbmp3.6/13, Error ellipse: s-maj=20.8km s-min=15.1km az=51.0

NEIC 16:35:32.7-2.2,1263S:16684E,h267km,20km,mb4.3/13, Error ellipse: s-maj=15.3km s-min=12.7km az=51.0

ISC 16:35:30.1-2.5,1259S:010:1669E.01,h240km,23km, n69,0s85/35,mb4.1/22,1D, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for DZM Mont Dzumac, PMG Port Moresby, CTA Charters Tower, etc.

EBIE	Bielsa	6.26 354	P	Pn	19 36 05.0 +0.2
SALF	Salau	6.30 1	P	Pn	19 37 15.7 +1.6
SALF	Carcanieres	6.31 8	S	Pn	19 36 06.7 +1.4
CARF	Ens	6.36 356	P	Pn	19 36 05.5 +1.0
RESF	Melles	6.41 359	P	Pn	19 37 17.6 -0.1
MELF	Viey	6.46 354	S	Pn	19 36 08.6 +1.7
VIEF	Moulis	6.49 1	S	Pn	19 37 16.9 +4.0
MLF	Etsaut	6.54 350	ePn	Pn	19 37 18.5 -2.9
ETSF	Etsaut	6.54 350	ePn	Pn	19 37 21.1 -1.1
ETSF	Etsaut	6.54 350	ePn	Pn	19 36 10.2 +1.5
ETSF	Etsaut	6.54 350	ePn	Pn	19 37 19.5 -3.9
ETSF	Etsaut	6.54 350	ePn	Pn	19 36 10.2 +1.5
ETSF	Etsaut	6.54 350	ePn	Pn	19 37 19.5 -3.9
EPF	Etsaut	6.54 350	ePn	Pn	19 36 10.2 +0.9
EPF	Etsaut	6.54 350	ePn	Pn	19 37 21.5 -2.9
IPRE	Itoiz	6.59 345	P	Pn	19 36 11.4 +2.0
IPRE	Itoiz	6.59 345	P	Pn	19 37 22.5 -2.1
IPRE	Itoiz	6.59 345	P	Pn	19 36 11.4 +2.0
EARA	Aranguren	6.61 343	P	Pn	19 36 11.9 +2.3
EARA	Aranguren	6.61 343	P	Pn	19 37 22.0 -3.0
EARA	Aranguren	6.61 343	P	Pn	19 36 11.9 +2.3
LABF	Labassere	6.62 354	P	Pn	19 36 11.4 +1.6
LABF	Labassere	6.62 354	P	Pn	19 37 23.0 -2.3
REYF	Montagne du Re	6.69 351	S	Pn	19 36 12.9 +2.2
REYF	Montagne du Re	6.69 351	S	Pn	19 37 22.3 -4.7
ECRI	Cripan	6.71 337	S	Pn	19 36 14.4 +3.4
ECRI	Cripan	6.71 337	S	Pn	19 37 26.6 -0.9
LARF	Larrau	6.75 348	P	Pn	19 36 13.8 +2.3
LARF	Larrau	6.75 348	P	Pn	19 37 30.0 +1.6
LARF	Larrau	6.75 348	P	Pn	19 36 13.2 +1.7
LARF	Larrau	6.75 348	P	Pn	19 37 32.1 +1.7
ATE	Arette	6.75 349	P	Pn	19 37 30.0 +1.6
ATE	Arette	6.75 349	P	Pn	19 36 13.3 +1.8
EBAD	Badajoz	6.75 292	P	Pn	19 37 25.6 -2.8
EBAD	Badajoz	6.75 292	P	Pn	19 36 11.3 -0.2
EBAD	Badajoz	6.75 292	P	Pn	19 37 25.6 -2.8
EBAD	Badajoz	6.75 292	P	Pn	19 36 11.3 -0.2
IUSE	Uxetzi	6.77 344	P	Pn	19 36 11.2 -0.6
IUSE	Uxetzi	6.77 344	P	Pn	19 37 27.5 -1.4
IUSE	Uxetzi	6.77 344	P	Pn	19 36 11.2 -0.6
IUSE	Uxetzi	6.77 344	P	Pn	19 37 27.5 -1.4
KEST	Kesra	6.81 94	Pn	Pn	19 36 10.7 -1.7
KEST	Kesra	6.81 94	Pn	Pn	19 37 28.5 -1.5
EGRO	El Granado	6.86 282	P	Pn	19 36 12.9 -0.2
EGRO	El Granado	6.86 282	P	Pn	19 37 28.2 -3.0
EGRO	El Granado	6.86 282	P	Pn	19 36 12.9 -0.2
EGRO	El Granado	6.86 282	P	Pn	19 37 28.2 -3.0
SJPF	Ste Jean	6.86 346	ePn	Pn	19 36 14.5 +1.4
SJPF	Ste Jean	6.86 346	ePn	Pn	19 37 29.4 -1.8
SJPF	Ste Jean	6.86 346	ePn	Pn	19 36 14.5 +1.4
SJPF	Ste Jean	6.86 346	ePn	Pn	19 37 29.4 -1.8
MTLF	Montoliou	6.94 7	ePn	Pn	19 36 15.7 +1.5
MTLF	Montoliou	6.94 7	ePn	Pn	19 37 26.5 -6.7
KIB	El Kisba	6.97 238	P	Pn	19 36 16.0 +1.5
KIB	El Kisba	6.97 238	P	Pn	19 37 29.0 -4.8
ELIZ	Elizondo	6.97 345	P	Pn	19 36 17.1 +2.5
ELIZ	Elizondo	6.97 345	P	Pn	19 37 32.2 -1.7
OSSF	Osses	7.01 346	P	Pn	19 36 16.6 +1.5
EALK	Ealkuruntz	7.02 345	P	Pn	19 36 17.4 +2.1
EALK	Ealkuruntz	7.02 345	P	Pn	19 37 32.7 -2.4
PESTR	Estremoz	7.21 292	ePn	Pn	19 36 18.4 +0.5
PESTR	Estremoz	7.21 292	ePn	Pn	19 37 37.1 -2.8
PESTR	Estremoz	7.21 292	ePn	Pn	19 36 18.4 +0.5
PESTR	Estremoz	7.21 292	ePn	Pn	19 37 37.1 -2.8
PBEJ	Beja	7.23 285	ePn	Pn	19 36 18.3 +0.2
PBEJ	Beja	7.23 285	ePn	Pn	19 37 36.6 -3.7
PBEJ	Beja	7.23 285	ePn	Pn	19 37 36.6 -3.7
PBEJ	Beja	7.23 285	ePn	Pn	19 36 18.3 +0.2
PCBR	Castelo Branco	7.47 299	ePn	Pn	19 36 22.5 +1.0
PCBR	Castelo Branco	7.47 299	ePn	Pn	19 37 44.1 -2.1
PCBR	Castelo Branco	7.47 299	ePn	Pn	19 36 22.5 +1.0
PCBR	Castelo Branco	7.47 299	ePn	Pn	19 37 44.1 -2.1
TZC	Tazerouante	7.53 237	P	Pn	19 36 24.0 +1.8
TZC	Tazerouante	7.53 237	P	Pn	19 37 44.0 -3.6
ELAN	Lanestosa	7.57 335	P	Pn	19 36 24.1 +1.3
ELAN	Lanestosa	7.57 335	P	Pn	19 37 46.8 -1.8
ELAN	Lanestosa	7.57 335	P	Pn	19 36 24.1 +1.3
ELAN	Lanestosa	7.57 335	P	Pn	19 37 46.8 -1.8
ELAN	Lanestosa	7.57 335	P	Pn	19 36 24.1 +1.3
ELAN	Lanestosa	7.57 335	P	Pn	19 37 46.8 -1.8
MOE	Montemor	7.70 288	ePn	Pn	19 36 25.2 +0.6
GELF	Grande-Etoile	7.71 25	P	Pn	19 36 24.1 -0.7
MTE	Manteigas	7.76 303	ePn	Pn	19 36 26.9 +1.4
MTE	Manteigas	7.76 303	ePn	Pn	19 37 52.1 -1.3
MTE	Manteigas	7.76 303	ePn	Pn	19 36 26.9 +1.4
MTE	Manteigas	7.76 303	ePn	Pn	19 37 52.1 -1.3
MTE	Manteigas	7.76 303	ePn	Pn	19 36 26.9 +1.4
MTE	Manteigas	7.76 303	ePn	Pn	19 37 52.1 -1.3
PTEO	Sao Teotonio	7.84 281	ePn	Pn	19 36 26.8 +0.3
PTEO	Sao Teotonio	7.84 281	ePn	Pn	19 37 51.4 -4.0
PTEO	Sao Teotonio	7.84 281	ePn	Pn	19 36 26.8 +0.3
PTEO	Sao Teotonio	7.84 281	ePn	Pn	19 37 51.4 -4.0
PTEO	Sao Teotonio	7.84 281	ePn	Pn	19 36 26.8 +0.3
PTEO	Sao Teotonio	7.84 281	ePn	Pn	19 37 51.4 -4.0
LASF	Ste Croix	7.92 15	ePn	Pn	19 36 27.7 +0.1
LASF	Ste Croix	7.92 15	ePn	Pn	19 37 52.4 -4.9
LASF	Ste Croix	7.92 15	ePn	Pn	19 36 27.7 +0.1
LASF	Ste Croix	7.92 15	ePn	Pn	19 37 52.4 -4.9
LASF	Ste Croix	7.92 15	ePn	Pn	19 36 27.7 +0.1
LASF	Ste Croix	7.92 15	ePn	Pn	19 37 52.4 -4.9
PRAF	Pradon	8.01 22	P	Pn	19 36 29.0 +0.2
PBRG	Braganca	8.03 314	ePn	Pn	19 36 30.1 +1.0
PBRG	Braganca	8.03 314	ePn	Pn	19 37 58.2 -1.8
PBRG	Braganca	8.03 314	ePn	Pn	19 36 30.1 +1.0
PBRG	Braganca	8.03 314	ePn	Pn	19 37 58.2 -1.8
PBRG	Braganca	8.03 314	ePn	Pn	19 36 30.1 +1.0
PBRG	Braganca	8.03 314	ePn	Pn	19 37 58.2 -1.8

LMR	La Moure	8.07 30	ePn	Pn	19 36 28.7 -1.0
LMR	La Moure	8.07 30	ePn	Pn	19 37 53.3 -7.8
LMR	La Moure	8.07 30	ePn	Pn	19 36 28.7 -1.0
LMR	La Moure	8.07 30	ePn	Pn	19 37 53.3 -7.8
ECAL	Calabor	8.12 315	P	Pn	19 36 31.0 +0.7
ECAL	Calabor	8.12 315	P	Pn	19 37 59.7 -2.4
ECAL	Calabor	8.12 315	P	Pn	19 36 31.0 +0.7
ECAL	Calabor	8.12 315	P	Pn	19 37 59.7 -2.4
TAVF	Tavernes	8.14 27	P	Pn	19 36 29.9 -0.7
PVIS	Viseu	8.15 304	ePn	Pn	19 36 31.9 +1.2
PVIS	Viseu	8.15 304	ePn	Pn	19 38 00.6 -2.3
PVIS	Viseu	8.15 304	ePn	Pn	19 36 31.9 +1.2
PVIS	Viseu	8.15 304	ePn	Pn	19 38 00.6 -2.3
SMRF	Simiane la Rot	8.29 24	ePn	Pn	19 36 33.6 +0.9
SMRF	Simiane la Rot	8.29 24	ePn	Pn	19 38 00.9 -5.5
SMRF	Simiane la Rot	8.29 24	ePn	Pn	19 36 33.6 +0.9
SMRF	Simiane la Rot	8.29 24	ePn	Pn	19 38 00.9 -5.5
PVRL	Vila Real	8.32 308	ePn	Pn	19 36 34.6 +1.6
PVRL	Vila Real	8.32 308	ePn	Pn	19 38 04.2 -2.8
PVRL	Vila Real	8.32 308	ePn	Pn	19 36 34.6 +1.6
PVRL	Vila Real	8.32 308	ePn	Pn	19 38 04.2 -2.8
FRF	La Foret Royal	8.32 30	ePn	Pn	19 36 32.3 -0.8
FRF	La Foret Royal	8.32 30	ePn	Pn	19 38 00.8 -6.3
FRF	La Foret Royal	8.32 30	ePn	Pn	19 36 32.3 -0.8
FRF	La Foret Royal	8.32 30	ePn	Pn	19 38 00.8 -6.3
EARI	Arriondas	8.33 327	P	Pn	19 36 34.5 +1.3
EARI	Arriondas	8.33 327	P	Pn	19 38 03.6 -3.6
EARI	Arriondas	8.33 327	P	Pn	19 36 34.5 +1.3
EARI	Arriondas	8.33 327	P	Pn	19 38 03.6 -3.6
PLOU	Loures	8.39 290	ePn	Pn	19 36 34.6 +0.5
PLOU	Loures	8.39 290	ePn	Pn	19 38 05.3 -4.4
PLOU	Loures	8.39 290	ePn	Pn	19 36 34.6 +0.5
PLOU	Loures	8.39 290	ePn	Pn	19 38 05.3 -4.4
LF	La Frestale	8.48 359	ePn	Pn	19 36 35.8 +0.6
LF	La Frestale	8.48 359	ePn	Pn	19 38 08.2 -2.8
LF	La Frestale	8.48 359	ePn	Pn	19 36 35.8 +0.6
LF	La Frestale	8.48 359	ePn	Pn	19 38 08.2 -2.8
CAF	Calviac	8.50 5	ePn	Pn	19 36 36.7 +1.1
CAF	Calviac	8.50 5	ePn	Pn	19 38 07.6 -3.9
CAF	Calviac	8.50 5	ePn	Pn	19 36 36.7 +1.1
CAF	Calviac	8.50 5	ePn	Pn	19 38 07.6 -3.9
PMARF	Mafrá	8.51 290	ePn	Pn	19 36 36.0 +0.3
PMARF	Mafrá	8.51 290	ePn	Pn	19 38 08.2 -3.6
PMARF	Mafrá	8.51 290	ePn	Pn	19 36 36.0 +0.3
PMARF	Mafrá	8.51 290	ePn	Pn	19 38 08.2 -3.6
ERUA	La Ruja	8.64 316	P	Pn	19 36 38.2 +0.7
PGF	Pioggiola	8.68 43	ePn	Pn	19 36 36.3 -1.8
PGF	Pioggiola	8.68 43	ePn	Pn	19 38 07.7 -8.3
PGF	Pioggiola	8.68 43	ePn	Pn	19 36 36.3 -1.8
PGF	Pioggiola	8.68 43	ePn	Pn	19 38 07.7 -8.3
PCAB	Cabril	8.75 310	ePn	Pn	19 36 40.3 +1.3
PCAB	Cabril	8.75 310	ePn	Pn	19 38 15.4 -2.3
PCAB	Cabril	8.75 310	ePn	Pn	19 36 40.3 +1.3
PCAB	Cabril	8.75 310	ePn	Pn	19 38 15.4 -2.3
PTO	Porto	8.82 305	ePn	Pn	19 36 41.1 +1.1
VIVF	Saint-Julien-I	8.85 17	ePn	Pn	19 36 39.7 -0.6
VIVF	Saint-Julien-I	8.85 17	ePn	Pn	19 38 12.7 -7.3
VIVF	Saint-Julien-I	8.85 17	ePn	Pn	19 36 39.7 -0.6
VIVF	Saint-Julien-I	8.85 17	ePn	Pn	19 38 12.7 -7.3
RJF	Les Rejaudoux	8.85 2	ePn	Pn	19 36 40.3 +1.3
RJF	Les Rejaudoux	8.85 2	ePn	Pn	19 38 14.2 -5.9
RJF	Les Rejaudoux	8.85 2	ePn	Pn	19 36 40.3 +1.3
RJF	Les Rejaudoux	8.85 2	ePn	Pn	19 38 14.2 -5.9
ELOB	Lobios	8.86 310	P	Pn	19 36 41.2 +0.7
ELOB	Lobios	8.86 310	P	Pn	19 38 16.0 -4.3
ELOB	Lobios	8.86 310	P	Pn	19 36 41.2 +0.7
ELOB	Lobios	8.86 310	P	Pn	19 38 16.0 -4.3
SBF	Sospel	8.89 32	ePn	Pn	19 36 39.6 -1.4
SBF	Sospel	8.89 32	ePn	Pn	19 38 15.2 -6.0
SBF	Sospel	8.89 32	ePn	Pn	19 36 39.6 -1.4
SBF	Sospel	8.89 32	ePn	Pn	19 38 15.2 -6.0
LBL	Lubilhac	8.93 10	P	Pn	19 36 42.8 +1.3
FRNF	Fournols	9.00 7	P	Pn	19 36 44.5 +2.1
OUK	Oukaimeden	9.03 237	P	Pn	19 36 43.5 +0.7
OUK	Oukaimeden	9.03 237	P	Pn	19 38 19.0 -5.5
ORIF	Oris-en-Rattie	9.23 22	ePn	Pn	19 36 45.5 -0.1
ORIF	Oris-en-Rattie	9.23 22	ePn	Pn	19 38 45.5 -0.1
ORIF	Oris-en-Rattie	9.23 22	ePn	Pn	19 36 45.5 -0.1
ORIF	Oris-en-Rattie	9.23 22	ePn	Pn	19 38 45.5 -0.1
EPON	Pontevosa	9.28 320	P	Pn	19 36 47.0 +0.8
EPON	Pontevosa	9.28 320	P	Pn	19 38 25.8 -4.8
EPON	Pontevosa	9.28 320	P	Pn	19 36 47.0 +0.8
EPON	Pontevosa	9.28 320	P	Pn	19 38 25.8 -4.8
VERF	Verneugeol	9.32 6	P	Pn	19 36 48.0 +0.7
MBDF	Misardon	9.36 26	ePn	Pn	19 36 48.3 +1.0
EBAM	Zamans				

Table of astronomical data for 16d 20h, listing stations like STHS, KODZ, DIM, UZH, etc., with columns for station name, coordinates, and other parameters.

Table of astronomical data for 2006 DEC, listing stations like MKAR, WMO, WMQ, etc., with columns for station name, coordinates, and other parameters.

Table of astronomical data for 544, listing stations like EVR, ATH, TTH, etc., with columns for station name, coordinates, and other parameters.

16d 22h

Table with columns: LMR, La Moure, Frequency, Power, Azimuth, Elevation, and other technical details for various stations.

ISCJB 16 21:38:10.1.1.2, 166S.07x176.7W.0.3, h35km, mb4.2/5, Error ellipse: s-maj=103.5km s-min=8.5km az=130.6

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details for stations in the Pacific region.

ISCJB 16 21:40:10.8.2.0, 59S.04x107.4E.05, h35km, mb4.0/6, Error ellipse: s-maj=92.6km s-min=20.4km az=98.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details for stations in the Pacific region.

ISCJB 16 21:49:50.4.0.8, 2401S.004x67.0W.02, h180km, 12km, mb3.9/5, Error ellipse: s-maj=22.7km s-min=7.3km az=2.0

2006 DEC

Table with columns: LCO, Paso Flores, Frequency, Power, Azimuth, Elevation, and other technical details for stations in the Pacific region.

NEIC 16 21:54:54.6, 1691N.9432W, h154km, MD3.7(MEX), After MEX

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details for stations in the Pacific region.

CASC 16 21:59:14.6.2.0, 839N.8281W, h0km, 5km, MD3.8, 2C-3D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details for stations in the Pacific region.

ISCJB 16 22:14:37.7x2.5, 25S.01x128.1E.03, h33km, 24km, mb3.7/4, Error ellipse: s-maj=59.4km s-min=11.3km az=139.7

NEIC 16 22:14:39.7.0.8, 251S.128.38E, h35km, mb3.6/1, Error ellipse: s-maj=43.8km s-min=11.5km az=74.0

ISC 16 22:14:45.8.1.8, 27S.01x128.1E.03, h94km, 17km, n11, s=079/14, mb3.6/4, Ceram Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details for stations in the Pacific region.

NIED 16 22:00:46.80N.152.80E, h5km, Mw3.8 Best double couple: M0.52000x10^14 NP1x217.00000x1.6700000

ISCJB 16 22:20:57.8.0.7, 462N.01x153.0E.01, h35km, mb4.0/21, MS3.7/3, Error ellipse: s-maj=18.4km s-min=4.3km az=109.4

MOS 16 22:20:57.8.0.9, 463N.152.91E, h35km, mb4.2/13, Error ellipse: s-maj=14.1km s-min=11.6km az=73.3

ISC 16 22:20:59.7.0.7, 463N.01.1530E.01, h35km, n67, s=133/76, mb4.0/21, MS3.7/3, Ceril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details for stations in the Pacific region.

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Table with columns: SKR, YUK, YUZ, Frequency, Power, Azimuth, Elevation, and other technical details for stations in the Pacific region.

ISCJB 16 22:27:09.1.2, 1619S.17327W, h0km, mb4.2/10, mb1.4.5/10, mb1mx3.4/3, Error ellipse: s-maj=81.7km s-min=17.5km az=148.0

ISCJB 16 22:27:13.3.1.1, 157S.03x173.5W.03, h35km, mb4.2/11, MS3.8/8, Error ellipse: s-maj=58.1km s-min=9.5km az=108.3

NEIC 16 22:27:14.5.0.9, 1628S.17330W, h35km, mb4.2/2, Error ellipse: s-maj=54.5km s-min=12.4km az=149.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details for stations in the Pacific region.

ISCJB 16 22:27:09.1.2, 1619S.17327W, h0km, mb4.2/10, mb1.4.5/10, mb1mx3.4/3, Error ellipse: s-maj=81.7km s-min=17.5km az=148.0

ISCJB 16 22:27:13.3.1.1, 157S.03x173.5W.03, h35km, mb4.2/11, MS3.8/8, Error ellipse: s-maj=58.1km s-min=9.5km az=108.3

NEIC 16 22:27:14.5.0.9, 1628S.17330W, h35km, mb4.2/2, Error ellipse: s-maj=54.5km s-min=12.4km az=149.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details for stations in the Pacific region.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes entries for AFI Afiamalu, AFI Afiamalu, AFI Afiamalu, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes entries for MLR Muntele Rosu, MLR Muntele Rosu, MLR Muntele Rosu, etc.

NIED 16 22:46:00, 4680N-15320E, h32km, Mw4.0 Best double couple: M=1.24000x1015 NP1=308.00000, 385.00000, 1.8.00000... NP2=216.00000, 372.00000, 1.174.00000...

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes entries for HFS Hagfors, HFS Hagfors, HFS Hagfors, etc.

ISC/JB 16 22:55:04.5:2.1, 60S:0.1x1482E:0.1, h43km, 18km, mb4.2/6, Error ellipse: s-maj=22.3km s-min=13.7km az=75.5

NEIC 16 22:55:05.1:0.9, 59S:14826E, h35km, mb4.1/2, Error ellipse: s-maj=15.5km s-min=14.5km az=122.0

IDC 16 22:55:10.2:2.3, 617S:14826E, h76km, 19km, mb3.9/5, mb1.4/7, mb1mx3.7/15, mbtmp3.9/7, MS3.0/1, Ms1.3/0.1, ms1mx2.2/21, Error ellipse: s-maj=29.7km s-min=13.8km az=120.0

ISC 16 22:55:08.9:1.7, 61S:0.1x1482E:0.1, h64km, 14km, n15, 1530N, mb4.2/6, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes entries for PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, etc.

NEIC 16 23:02:11.8:0.5, 4019N-10774W, h0km, ML2.8, Error ellipse: s-maj=7.3km s-min=6.2km az=87.0, Suspected volcanic explosion, Coleraur

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes entries for RWVY Rawlins, RWVY Rawlins, RWVY Rawlins, etc.

IDC 16 23:08:30.6:2.6, 4862N:15484E, h0km, mb3.6/6, mb1.3/8.6, mb1mx3.5/23, mbtmp3.6/6, MS3.6/2, Ms1.3/6.2, ms1mx2.9/32, Error ellipse: s-maj=69.7km s-min=28.1km az=62.0

MOS 16 23:08:36.4:3.3, 4838N:15460E, h33km, mb4.1/2, Error ellipse: s-maj=28.9km s-min=18.5km az=63.6

ISC/JB 16 23:08:04.9:1.5, 486N:0.1x1546E:0.2, h92km, 15km, mb3.5/6, Error ellipse: s-maj=28.9km s-min=12.3km az=94.4

ISC 16 23:08:42.3:1.3, 487N:0.1x1546E:0.2, h91km, 12km, n14, 4829N, mb3.5/6, Kuril Islands

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SONM Songino Array, MKAR Makanchi Array, BVAR Borovoye Array, etc.

IDC 16 23:31.41.9.1.2.867N.7773W, h0km, mb3.8/3, mb1 4.0/4, mb1mx3.7/18, mltmp3.8/4, ML2.1/1, Error ellipse: s-maj=41.4km s-min=30.2km az=42.0.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ROSC El Rosal, YKA Yellowknife Arr, etc.

CSEM 17 00:19:26.5, 6783N-2020E, h0km, ML2.6, Mining explosion. After UPP UPP 17 00:19:26.5, 6783N-2020E, h0km, ML2.6, Mining explosion.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KUA Kuravaara, NIKU Nikkaluokta, etc.

ISCJB 17 00:57:37.1.1.5.3460N.008.2509E.005, h7km, 8km, Error ellipse: s-maj=12.9km s-min=6.5km az=159.5

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SIVA Sivas, NPS Neapolis, etc.

NEIC 17 00:59:12.9.0.6.1306N.14478E.935km, Error ellipse: s-maj=34.6km s-min=10.0km az=88.0

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

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

ISCJB 17 01:02:09.9.0.5.4510N.009.9270E.009, h10km, mb3.8/13, Error ellipse: s-maj=14.3km s-min=8.0km az=42.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WMQ Urumqi, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SONM Songino Array, BVAR Borovoye Arr, etc.

MOS 17 01:32:19.9.1.3.147N.12684E, h33km, mb4.8/3, Error ellipse: s-maj=28.5km s-min=12.7km az=105.8

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ARCES ARCESS Array, FINES FINESS Array, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CTA Charters Tower, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MKAR Makanchi Array, KURK Kurchatov, etc.

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

IDC 17 02:22.2.3.1.8.511N.12368E, h0km, mb4.0/4, mb1 4.2/4, mb1mx3.7/21, mltmp4.0/4, Error ellipse: s-maj=155.5km s-min=22.3km az=66.0, Mindanao

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SKR Severo-Kuril's, YKA Yellowknife Arr, etc.

MOS 17 02:42:51.3.1.1.4712N.15401E, h33km, mb4.1/3, Error ellipse: s-maj=99.9km s-min=33.1km az=78.5

IDC 17 02:42:52.8.1.1.4789N.15455E, h0km, mb3.7/6, mb1 4.0/6, mb1mx3.6/21, mltmp3.7/6, Error ellipse: s-maj=34.4km s-min=28.5km az=116.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NOA NORARS Array, ASAR Alice Springs, etc.

MAN 17 02:52:02.5, 675N-12594E, h56km, mb3.1, ML4.4, MS3.0, 2C, Mindanao

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MATI Mati, GPH General Santos, etc.

ISCJB 17 02:56:16.0.0.9.2322S.005.664W.0.1, h210km, 9km, mb3.7/11, Error ellipse: s-maj=17.7km s-min=8.0km az=151.9

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like LPAZ La Paz, ARE Arequipa, etc.

CD2 Chengdu 168.31 47 ePKP PKPdf 03 15 56.0 -3.1

3.6nm,0.8s MKAR Makanchi Array 67.62 325 P P 03 26 51.6 -0.5

ANMO Albuquerque 17.45 345I eP Pn 03 21 52.6 +1.1

NEIC 17 03:02:52.0, 3784N,269E, h5km, ML3.0(A,TH), ML3.4(I)SK, ML4.0(TE) After ISK

ATH 17 03:02:53.3, 3790N,271.7E, h19km,1km, MD3.7/12

ISK 17 03:02:53.4, 3788N,270.1E, h4km, MD3.5

THE 17 03:02:54.7, 3791N,270.5E, h1km

ISJCJB 17 03:02:54.1, 0.2, 3787N,002.2702E, 0.03, h5km, mb3.3/1

Error ellipse: s-maj=3.1km s-min=2.1km az=41.5

IDC 17 03:02:55.0, 1.4, 3787N,273.0E, h1km, mb3.1/1, mb1 3.4/6,

mb1mx3.2/23, mbmtmp3.6, ML3.3/5, Error ellipse:

s-maj=24.9km s-min=20.2km az=122.0

CKEM 17 03:02:54.0, 0.0, 3785N,270.4E, h5km, MD3.5, Error

ellipse: s-maj=1.5km s-min=1.0km az=95.0

ISC 17 03:02:54.4, 0.5, 3784N,002.2700E, 0.03, h2km,4km, n75,

a=104/93, mb3.3/1, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like SMG Samos, URAT Izmir, etc.

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

BUI 17 03:17:48.8, 1790N:10130W, h60km, mb5.3, mb5.3, Ms5.2, Ms2.5

ISJCJB 17 03:17:50.4, 0.2, 1803N:003.10115W, 0.02, h65km, mb4.9/1.6, Error ellipse: s-maj=4.6km s-min=1.9km

MEX 17 03:17:50.9, 0.7, 1794N:10132W, h60km, 7km, MD4.7

NEIC 17 03:17:50.8, 1791N:10131W, h60km, mb4.9/103, MD4.7(MEX), After MEX.

NEIC Felt [I] at Zihuatanejo, Felt at Ixtapa.

MOS 17 03:17:51.3, 1.0, 1816N:10110W, h67km, mb5.2/50, Error ellipse: s-maj=8.4km s-min=4.5km az=80.5

IDC 17 03:17:53.1, 2.3, 1816N:10104W, h76km, 18km, mb4.3/16, mb1 4.5/21, mb1mx4.4/26, mbmtmp4.3/21, MS3.9/25, Ms1 3.9/25, ms1mx3.8/34, Error ellipse: s-maj=22.9km s-min=12.4km az=29.0

SZGRF 17 03:17:52.0, 2.0, 1639N:9624W, h78km, mb5.0, Oaxaca, MEXico

ISC 17 03:17:52.6, 0.2, 1810N:003.10108W, 0.02, h67km, h67km,3.5km;pp-P, A537, a099521, mb4.7/116, 76C-65D, Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like ZIIG Zihuatanejo, CAIG El Cayaco, etc.

CMIG Matias Romero 5.99 99 eP Sn 03 20 26.3 +0.5

CMIG Matias Romero 5.99 99 eP Sn 03 20 26.3 +0.5

CMIG Matias Romero 5.99 99 eP Sn 03 20 26.3 +0.5

CMIG Matias Romero 5.99 99 eP Sn 03 20 26.3 +0.5

CMIG Matias Romero 5.99 99 eP Sn 03 20 26.3 +0.5

CMIG Matias Romero 5.99 99 eP Sn 03 20 26.3 +0.5

CMIG Matias Romero 5.99 99 eP Sn 03 20 26.3 +0.5

CMIG Matias Romero 5.99 99 eP Sn 03 20 26.3 +0.5

CMIG Matias Romero 5.99 99 eP Sn 03 20 26.3 +0.5

CMIG Matias Romero 5.99 99 eP Sn 03 20 26.3 +0.5

CMIG Matias Romero 5.99 99 eP Sn 03 20 26.3 +0.5

CMIG Matias Romero 5.99 99 eP Sn 03 20 26.3 +0.5

CMIG Matias Romero 5.99 99 eP Sn 03 20 26.3 +0.5

CMIG Matias Romero 5.99 99 eP Sn 03 20 26.3 +0.5

CMIG Matias Romero 5.99 99 eP Sn 03 20 26.3 +0.5

CMIG Matias Romero 5.99 99 eP Sn 03 20 26.3 +0.5

CMIG Matias Romero 5.99 99 eP Sn 03 20 26.3 +0.5

CMIG Matias Romero 5.99 99 eP Sn 03 20 26.3 +0.5

CMIG Matias Romero 5.99 99 eP Sn 03 20 26.3 +0.5

CMIG Matias Romero 5.99 99 eP Sn 03 20 26.3 +0.5

CMIG Matias Romero 5.99 99 eP Sn 03 20 26.3 +0.5

CMIG Matias Romero 5.99 99 eP Sn 03 20 26.3 +0.5

CMIG Matias Romero 5.99 99 eP Sn 03 20 26.3 +0.5

CMIG Matias Romero 5.99 99 eP Sn 03 20 26.3 +0.5

CMIG Matias Romero 5.99 99 eP Sn 03 20 26.3 +0.5

CMIG Matias Romero 5.99 99 eP Sn 03 20 26.3 +0.5

CMIG Matias Romero 5.99 99 eP Sn 03 20 26.3 +0.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like MIAR Mount Ida, UALR University of Arkansas, etc.

17d 3h

Table with columns: GRAC, Grapevine Rang, 23.66 326 P, P, 03 22 58.8 +0.8, etc. Lists various locations and their associated data points.

2009 DEC

Table with columns: P05C, Yuba Gap, Truc, 27.09 325 P, P, 03 23 29.8 +0.8, etc. Lists various locations and their associated data points.

552

Table with columns: D08A, Wollman Farm, 32.40 337 P, P, 03 24 16.0 +0.1, etc. Lists various locations and their associated data points.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, SMRF, SNR, etc. Includes stations like Bobbio (Coli), SC2M Scurtabr, GENL Genova Unvers, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, SMRF, SNR, etc. Includes stations like Simiane la Rot, Moosalm, Abfalterbach, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, SMRF, SNR, etc. Includes stations like Urewera, Stephens Creek, Warramunga Arr, etc.

ISCJB 17 07:59:11.4e.3.4, 2174N.008.1428E.02, h162km, 32km, mb3.9/12, Error ellipse: s-maj=30.5km s-min=13.2km az=166.6

IDC 17 08:00:05.9.3.5, 1428S.17810W, h0km, mb4.2/4, mb1 4.3/4, mb1mx3.9/16, mbtmp3.7/14, Error ellipse: s-maj=71.6km s-min=51.4km az=51.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SMRF Simiane la Rot, SMRF Saint-Julien-I, LASF Ste Croix, SMF Signal de Mont, HMF Hinterfeld, HAU Haudompre, LOR Lormes, CAF Calviac, BGF Bois d'Agland, JTS JuntasAbangare, TEIG Tepich, OTAV Otavalo, ATAH Atahualpa, LPIG La Paz, ROSC El Rosal, NNA Nana, LTX Lajitas, TXAR Lajitas Array, TXAR Lajitas Array, JCT Junction City, SDV Santo Domingo, BNM Barren Site, MIAR Mount Iliin, WVT Waverly, SDCO Great Sand Dun, LPAZ La Paz, LPAZ La Paz, LPAZ Southern Iliin, ELN El Niño, HWUT Hardware Ranch, PDAR Pinedale Array, PDAR Pinedale Array, RSSD Black Hills, SIV San Ignacio, MCMT McKenzie Canyon, GCMT Greyhuff, YBH Yreka Blue Hor, ULM Lac du Bonnet, ULM Lac du Bonnet, ULM Paso Flores, PLCA Paso Flores, SKO Schefferville, SKO Yellowknife Ar, YKA Yellowknife Ar, INK Inuvik, RES Resolute Bay, RPZ Rata Peaks.

ISCJBJ 17 08:16:58.0±1.1, 2.1N, 0.1x1003W, 0.1, h10km, mb4.1/18, MS3.8/13, Error ellipse: s-maj=24.1km s-min=10.4km az=90.3

IDC 17 08:16:58.2±1.1, 2.13N, 10036W, h0km, mb4.0/19, mb1.4/11, mb1mx4.0/18, mbtmp3.9/11, MS3.1/2, MS3.8/14, Ms1.3/14, ms1mx3.7/27, Error ellipse: s-maj=33.0km s-min=17.0km az=51.0

NEIC 17 08:16:59.0±1.0, 2.10N, 10028W, h10km, mb4.4/10, Error ellipse: s-maj=17.0km s-min=10.1km az=48.0

ISC 17 08:17:00.1±1.0, 2.1N, 0.1x1003W, 0.1, h10km, n37, r1924/27, mb4.1/18, MS3.8/13, Galapagos Triple Junction region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CMIG Matias Romero, CMIG Matias Romero, JTS JuntasAbangare, TEIG Tepich, OTAV Otavalo, ATAH Atahualpa, LPIG La Paz, ROSC El Rosal, NNA Nana, LTX Lajitas, TXAR Lajitas Array, TXAR Lajitas Array, JCT Junction City, SDV Santo Domingo, BNM Barren Site, MIAR Mount Iliin, WVT Waverly, SDCO Great Sand Dun, LPAZ La Paz, LPAZ La Paz, LPAZ Southern Iliin, ELN El Niño, HWUT Hardware Ranch, PDAR Pinedale Array, PDAR Pinedale Array, RSSD Black Hills, SIV San Ignacio, MCMT McKenzie Canyon, GCMT Greyhuff, YBH Yreka Blue Hor, ULM Lac du Bonnet, ULM Lac du Bonnet, ULM Paso Flores, PLCA Paso Flores, SKO Schefferville, SKO Yellowknife Ar, YKA Yellowknife Ar, INK Inuvik, RES Resolute Bay, RPZ Rata Peaks.

ASAR Alice Springs 123.39 243 PKP PKPdf 08 35 58.6 +1.1
0.4nm, 0.9s, baz=96, slow=0.9, SNR=3.8
WRA Warrungarra Arr 123.749 247 PKP PKPdf 08 35 59.2 +0.9
0.6nm, 0.9s, baz=93, slow=2.2, SNR=3.9

ISCJBJ 17 08:21:44.9±1.8, 9.57S, 008.789W, 0.2, h79km, 16km, mb3.7/7, Error ellipse: s-maj=33.5km s-min=8.7km az=141.0

IDC 17 08:21:46.2±2.2, 9.62S, 789W, h75km, 21km, mb3.6/7, mb1.3/9/10, mb1mx3.8/20, mbtmp3.7/10, MS3.4/1, Ms1.3/4/1, ms1mx2.8/16, Error ellipse: s-maj=35.1km s-min=7.9km az=72.0

ISC 17 08:21:46.5±1.8, 9.55S, 009.789W, 0.2, h73km, 16km, n13, r0573/12, mb3.7/7, Near coast of northern Peru

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ATAH Atahualpa, NNA Nana, SIV San Ignacio, TXAR Lajitas Array, TXAR Lajitas Array, PDAR Pinedale Array, NVAR Mina Array, ULM Lac du Bonnet, YBH Yreka Blue Hor, YKA Yellowknife Ar, YKA Yellowknife Ar, TORD Torodi Ar, TORD Torodi Ar, ASAR Alice Springs, WRA Warrungarra Arr, MKAR Makanchi Array.

IDC 17 08:23:02.9±6.8, 2176N, 14290E, h170km, 64km, mb3.5/13, mb1.3/7/13, mb1mx3.6/21, mbtmp3.5/13, MS3.1/4, MS1.3/14, ms1mx2.9/24, Error ellipse: s-maj=27.6km s-min=11.9km az=75.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CBIJ Chichi jima, GUMO Guam, MJAR Matsushiro Arr, KSRS Korea Array, KSRS Korea Array, SONM Sogino Array, CTA Charters Tower, WRA Warrungarra Arr, ASAR Alice Springs, STKA Stephens Creek, ZAL Zaleski Array, MKAR Makanchi Array, YKA Yellowknife Ar, FINES FINESSE Array B, NVAR Mina Array, AKASG Malin Array, PDAR Pinedale Array, BRTR Keskin Array, LPAZ La Paz.

IDC 17 08:31:01.5±7.1, 2179N, 14279E, h266km, 71km, mb3.1/8, mb1.3/3/8, mb1mx3.2/21, mbtmp3.1/8, Error ellipse: s-maj=35.5km s-min=14.3km az=83.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KSRS Korea Array, SONM Sogino Array, WRA Warrungarra Arr, ASAR Alice Springs, MKAR Makanchi Array, YKA Yellowknife Ar, FINES FINESSE Array B, NVAR Mina Array.

MEX 17 08:40:42.9±0.6, 1678N, 9976W, h7km, 3km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ACX Acapulco, CAIC El Cayaco, CAIG Mezcala, PLIG Platanillo, UTMU Huajuapán, UTMU Tehuacán.

SKHL 17 08:41:34.1±1.8, 4858N, 15422E, h41km, 11km, mb5.9/3, mb5.8/3, MS4.9/4, ms5.8/2

ISCJBJ 17 08:41:38.5±0.3, 4670N, 005.15312E, 0.04, h14km, mb4.7/102, MS4.5/4, Error ellipse: s-maj=7.5km s-min=3.3km az=129.3

BUI 17 08:41:38.6, 4693N, 15324E, h20km, mb5.1, mb4.6, Ms4.7, Ms2.5

GCMT 17 08:41:40.0±0.3, 4652N, 15360E, h18km, 1km, MW5.0/66, Moment Tensor Solution. 843,657; s66,102; Duration: 0 Moment tensor: Scale 1019Nm; Mr2,85±16;

MW-1.53±10; Mw-1.26±10; Mw-1.01±23; Mw-1.81±6; Mw-2.13±25; Mw-2.61±30; Mw-3.01±35; Mw-3.51±40; Mw-4.01±45; Mw-4.51±50; Mw-5.01±55; Mw-5.51±60; Mw-6.01±65; Mw-6.51±70; Mw-7.01±75; Mw-7.51±80; Mw-8.01±85; Mw-8.51±90; Mw-9.01±95; Mw-9.51±100; Mw-10.01±105; Mw-10.51±110; Mw-11.01±115; Mw-11.51±120; Mw-12.01±125; Mw-12.51±130; Mw-13.01±135; Mw-13.51±140; Mw-14.01±145; Mw-14.51±150; Mw-15.01±155; Mw-15.51±160; Mw-16.01±165; Mw-16.51±170; Mw-17.01±175; Mw-17.51±180; Mw-18.01±185; Mw-18.51±190; Mw-19.01±195; Mw-19.51±200; Mw-20.01±205; Mw-20.51±210; Mw-21.01±215; Mw-21.51±220; Mw-22.01±225; Mw-22.51±230; Mw-23.01±235; Mw-23.51±240; Mw-24.01±245; Mw-24.51±250; Mw-25.01±255; Mw-25.51±260; Mw-26.01±265; Mw-26.51±270; Mw-27.01±275; Mw-27.51±280; Mw-28.01±285; Mw-28.51±290; Mw-29.01±295; Mw-29.51±300; Mw-30.01±305; Mw-30.51±310; Mw-31.01±315; Mw-31.51±320; Mw-32.01±325; Mw-32.51±330; Mw-33.01±335; Mw-33.51±340; Mw-34.01±345; Mw-34.51±350; Mw-35.01±355; Mw-35.51±360; Mw-36.01±365; Mw-36.51±370; Mw-37.01±375; Mw-37.51±380; Mw-38.01±385; Mw-38.51±390; Mw-39.01±395; Mw-39.51±400; Mw-40.01±405; Mw-40.51±410; Mw-41.01±415; Mw-41.51±420; Mw-42.01±425; Mw-42.51±430; Mw-43.01±435; Mw-43.51±440; Mw-44.01±445; Mw-44.51±450; Mw-45.01±455; Mw-45.51±460; Mw-46.01±465; Mw-46.51±470; Mw-47.01±475; Mw-47.51±480; Mw-48.01±485; Mw-48.51±490; Mw-49.01±495; Mw-49.51±500; Mw-50.01±505; Mw-50.51±510; Mw-51.01±515; Mw-51.51±520; Mw-52.01±525; Mw-52.51±530; Mw-53.01±535; Mw-53.51±540; Mw-54.01±545; Mw-54.51±550; Mw-55.01±555; Mw-55.51±560; Mw-56.01±565; Mw-56.51±570; Mw-57.01±575; Mw-57.51±580; Mw-58.01±585; Mw-58.51±590; Mw-59.01±595; Mw-59.51±600; Mw-60.01±605; Mw-60.51±610; Mw-61.01±615; Mw-61.51±620; Mw-62.01±625; Mw-62.51±630; Mw-63.01±635; Mw-63.51±640; Mw-64.01±645; Mw-64.51±650; Mw-65.01±655; Mw-65.51±660; Mw-66.01±665; Mw-66.51±670; Mw-67.01±675; Mw-67.51±680; Mw-68.01±685; Mw-68.51±690; Mw-69.01±695; Mw-69.51±700; Mw-70.01±705; Mw-70.51±710; Mw-71.01±715; Mw-71.51±720; Mw-72.01±725; Mw-72.51±730; Mw-73.01±735; Mw-73.51±740; Mw-74.01±745; Mw-74.51±750; Mw-75.01±755; Mw-75.51±760; Mw-76.01±765; Mw-76.51±770; Mw-77.01±775; Mw-77.51±780; Mw-78.01±785; Mw-78.51±790; Mw-79.01±795; Mw-79.51±800; Mw-80.01±805; Mw-80.51±810; Mw-81.01±815; Mw-81.51±820; Mw-82.01±825; Mw-82.51±830; Mw-83.01±835; Mw-83.51±840; Mw-84.01±845; Mw-84.51±850; Mw-85.01±855; Mw-85.51±860; Mw-86.01±865; Mw-86.51±870; Mw-87.01±875; Mw-87.51±880; Mw-88.01±885; Mw-88.51±890; Mw-89.01±895; Mw-89.51±900; Mw-90.01±905; Mw-90.51±910; Mw-91.01±915; Mw-91.51±920; Mw-92.01±925; Mw-92.51±930; Mw-93.01±935; Mw-93.51±940; Mw-94.01±945; Mw-94.51±950; Mw-95.01±955; Mw-95.51±960; Mw-96.01±965; Mw-96.51±970; Mw-97.01±975; Mw-97.51±980; Mw-98.01±985; Mw-98.51±990; Mw-99.01±995; Mw-99.51±1000; Mw-100.01±1005; Mw-100.51±1010; Mw-101.01±1015; Mw-101.51±1020; Mw-102.01±1025; Mw-102.51±1030; Mw-103.01±1035; Mw-103.51±1040; Mw-104.01±1045; Mw-104.51±1050; Mw-105.01±1055; Mw-105.51±1060; Mw-106.01±1065; Mw-106.51±1070; Mw-107.01±1075; Mw-107.51±1080; Mw-108.01±1085; Mw-108.51±1090; Mw-109.01±1095; Mw-109.51±1100; Mw-110.01±1105; Mw-110.51±1110; Mw-111.01±1115; Mw-111.51±1120; Mw-112.01±1125; Mw-112.51±1130; Mw-113.01±1135; Mw-113.51±1140; Mw-114.01±1145; Mw-114.51±1150; Mw-115.01±1155; Mw-115.51±1160; Mw-116.01±1165; Mw-116.51±1170; Mw-117.01±1175; Mw-117.51±1180; Mw-118.01±1185; Mw-118.51±1190; Mw-119.01±1195; Mw-119.51±1200; Mw-120.01±1205; Mw-120.51±1210; Mw-121.01±1215; Mw-121.51±1220; Mw-122.01±1225; Mw-122.51±1230; Mw-123.01±1235; Mw-123.51±1240; Mw-124.01±1245; Mw-124.51±1250; Mw-125.01±1255; Mw-125.51±1260; Mw-126.01±1265; Mw-126.51±1270; Mw-127.01±1275; Mw-127.51±1280; Mw-128.01±1285; Mw-128.51±1290; Mw-129.01±1295; Mw-129.51±1300; Mw-130.01±1305; Mw-130.51±1310; Mw-131.01±1315; Mw-131.51±1320; Mw-132.01±1325; Mw-132.51±1330; Mw-133.01±1335; Mw-133.51±1340; Mw-134.01±1345; Mw-134.51±1350; Mw-135.01±1355; Mw-135.51±1360; Mw-136.01±1365; Mw-136.51±1370; Mw-137.01±1375; Mw-137.51±1380; Mw-138.01±1385; Mw-138.51±1390; Mw-139.01±1395; Mw-139.51±1400; Mw-140.01±1405; Mw-140.51±1410; Mw-141.01±1415; Mw-141.51±1420; Mw-142.01±1425; Mw-142.51±1430; Mw-143.01±1435; Mw-143.51±1440; Mw-144.01±1445; Mw-144.51±1450; Mw-145.01±1455; Mw-145.51±1460; Mw-146.01±1465; Mw-146.51±1470; Mw-147.01±1475; Mw-147.51±1480; Mw-148.01±1485; Mw-148.51±1490; Mw-149.01±1495; Mw-149.51±1500; Mw-150.01±1505; Mw-150.51±1510; Mw-151.01±1515; Mw-151.51±1520; Mw-152.01±1525; Mw-152.51±1530; Mw-153.01±1535; Mw-153.51±1540; Mw-154.01±1545; Mw-154.51±1550; Mw-155.01±1555; Mw-155.51±1560; Mw-156.01±1565; Mw-156.51±1570; Mw-157.01±1575; Mw-157.51±1580; Mw-158.01±1585; Mw-158.51±1590; Mw-159.01±1595; Mw-159.51±1600; Mw-160.01±1605; Mw-160.51±1610; Mw-161.01±1615; Mw-161.51±1620; Mw-162.01±1625; Mw-162.51±1630; Mw-163.01±1635; Mw-163.51±1640; Mw-164.01±1645; Mw-164.51±1650; Mw-165.01±1655; Mw-165.51±1660; Mw-166.01±1665; Mw-166.51±1670; Mw-167.01±1675; Mw-167.51±1680; Mw-168.01±1685; Mw-168.51±1690; Mw-169.01±1695; Mw-169.51±1700; Mw-170.01±1705; Mw-170.51±1710; Mw-171.01±1715; Mw-171.51±1720; Mw-172.01±1725; Mw-172.51±1730; Mw-173.01±1735; Mw-173.51±1740; Mw-174.01±1745; Mw-174.51±1750; Mw-175.01±1755; Mw-175.51±1760; Mw-176.01±1765; Mw-176.51±1770; Mw-177.01±1775; Mw-177.51±1780; Mw-178.01±1785; Mw-178.51±1790; Mw-179.01±1795; Mw-179.51±1800; Mw-180.01±1805; Mw-180.51±1810; Mw-181.01±1815; Mw-181.51±1820; Mw-182.01±1825; Mw-182.51±1830; Mw-183.01±1835; Mw-183.51±1840; Mw-184.01±1845; Mw-184.51±1850; Mw-185.01±1855; Mw-185.51±1860; Mw-186.01±1865; Mw-186.51±1870; Mw-187.01±1875; Mw-187.51±1880; Mw-188.01±1885; Mw-188.51±1890; Mw-189.01±1895; Mw-189.51±1900; Mw-190.01±1905; Mw-190.51±1910; Mw-191.01±1915; Mw-191.51±1920; Mw-192.01±1925; Mw-192.51±1930; Mw-193.01±1935; Mw-193.51±1940; Mw-194.01±1945; Mw-194.51±1950; Mw-195.01±1955; Mw-195.51±1960; Mw-196.01±1965; Mw-196.51±1970; Mw-197.01±1975; Mw-197.51±1980; Mw-198.01±1985; Mw-198.51±1990; Mw-199.01±1995; Mw-199.51±2000; Mw-200.01±2005; Mw-200.51±2010; Mw-201.01±2015; Mw-201.51±2020; Mw-202.01±2025; Mw-202.51±2030; Mw-203.01±2035; Mw-203.51±2040; Mw-204.01±2045; Mw-204.51±2050; Mw-205.01±2055; Mw-205.51±2060; Mw-206.01±2065; Mw-206.51±2070; Mw-207.01±2075; Mw-207.51±2080; Mw-208.01±2085; Mw-208.51±2090; Mw-209.01±2095; Mw-209.51±2100; Mw-210.01±2105; Mw-210.51±2110; Mw-211.01±2115; Mw-211.51±2120; Mw-212.01±2125; Mw-212.51±2130; Mw-213.01±2135; Mw-213.51±2140; Mw-214.01±2145; Mw-214.51±2150; Mw-215.01±2155; Mw-215.51±2160; Mw-216.01±2165; Mw-216.51±2170; Mw-217.01±2175; Mw-217.51±2180; Mw-218.01±2185; Mw-218.51±2190; Mw-219.01±2195; Mw-219.51±2200; Mw-220.01±2205; Mw-220.51±2210; Mw-221.01±2215; Mw-221.51±2220; Mw-222.01±2225; Mw-222.51±2230; Mw-223.01±2235; Mw-223.51±2240; Mw-224.01±2245; Mw-224.51±2250; Mw-225.01±2255; Mw-225.51±2260; Mw-226.01±2265; Mw-226.51±2270; Mw-227.01±2275; Mw-227.51±2280; Mw-228.01±2285; Mw-228.51±2290; Mw-229.01±2295; Mw-229.51±2300; Mw-230.01±2305; Mw-230.51±2310; Mw-231.01±2315; Mw-231.51±2320; Mw-232.01±2325; Mw-232.51±2330; Mw-233.01±2335; Mw-233.51±2340; Mw-234.01±2345; Mw-234.51±2350; Mw-235.01±2355; Mw-235.51±2360; Mw-236.01±2365; Mw-236.51±2370; Mw-237.01±2375; Mw-237.51±2380; Mw-238.01±2385; Mw-238.51±2390; Mw-239.01±2395; Mw-239.51±2400; Mw-240.01±2405; Mw-240.51±2410; Mw-241.01±2415; Mw-241.51±2420; Mw-242.01±2425; Mw-242.51±2430; Mw-243.01±2435; Mw-243.51±2440; Mw-244.01±2445; Mw-244.51±2450; Mw-245.01±2455; Mw-245.51±2460; Mw-246.01±2465; Mw-246.51±2470; Mw-247.01±2475; Mw-247.51±2480; Mw-248.01±2485; Mw-248.51±2490; Mw-249.01±2495; Mw-249.51±2500; Mw-250.01±2505; Mw-250.51±2510; Mw-251.01±2515; Mw-251.51±2520; Mw-252.01±2525; Mw-252.51±2530; Mw-253.01±2535; Mw-253.51±2540; Mw-254.01±2545; Mw-254.51±2550; Mw-255.01±2555; Mw-255.51±2560; Mw-256.01±2565; Mw-256.51±2570; Mw-257.01±2575; Mw-257.51±2580; Mw-258.01±2585; Mw-258.51±2590; Mw-259.01±2595; Mw-259.51±2600; Mw-260.01±2605; Mw-260.51±2610; Mw-261.01±2615; Mw-261.51±2620; Mw-262.01±2625; Mw-262.51±2630; Mw-263.01±2635; Mw-263.51±2640; Mw-264.01±2645; Mw-264.51±2650; Mw-265.01±2655; Mw-265.51±2660; Mw-266.01±2665; Mw-266.51±2670; Mw-267.01±2675; Mw-267.51±2680; Mw-268.01±2685; Mw-268.51±2690; Mw-269.01±2695; Mw-269.51±2700; Mw-270.01±2705; Mw-270.51±2710; Mw-271.01±2715; Mw-271.51±2720; Mw-272.01±2725; Mw-272.51±2730; Mw-273.01±2735; Mw-273.51±2740; Mw-274.01±2745; Mw-274.51±2750; Mw-275.01±2755; Mw-275.51±2760; Mw-276.01±2765; Mw-276.51±2770; Mw-277.01±2775; Mw-277.51±2780; Mw-278.01±2785; Mw-278.51±2790; Mw-279.01±2795; Mw-279.51±2800; Mw-280.01±2805; Mw-280.51±2810; Mw-281.01±2815; Mw-281.51±2820; Mw-282.01±2825; Mw-282.51±2830; Mw-283.01±2835; Mw-283.51±2840; Mw-284.01±2845; Mw-284.51±2850; Mw-285.01±2855; Mw-285.51±2860; Mw-286.01±2865; Mw-286.51±2870; Mw-287.01±2875; Mw-287.51±2880; Mw-288.01±2885; Mw-288.51±2890; Mw-289.01±2895; Mw-289.51±2900; Mw-290.01±2905; Mw-290.51±2910; Mw-291.01±2915; Mw-291.51±2920; Mw-292.01±2925; Mw-292.51±2930; Mw-293.01±2935; Mw-293.51±2940; Mw-294.01±2945; Mw-294.51±2950; Mw-295.01±2955; Mw-295.51±2960; Mw-296.01±2965; Mw-296.51±2970; Mw-297.01±2975; Mw-297.51±2980; Mw-298.01±2985; Mw-298.51±2990; Mw-299.01±2995; Mw-299.51±3000; Mw-300.01±3005; Mw-300.51±3010; Mw-301.01±3015; Mw-301.51±3020; Mw-302.01±3025; Mw-302.51±3030; Mw-303.01±3035; Mw-303.51±3040; Mw-304.01±3045; Mw-304.51±3050; Mw-305.01±3055; Mw-305.51±3060; Mw-306.01±3065; Mw-306.51±3070; Mw-307.01±3075; Mw-307.51±3080; Mw-308.01±3085; Mw-308.51±3090; Mw-309.01±3095; Mw-309.51±3100; Mw-310.01±3105; Mw-310.51±3110; Mw-311.01±3115; Mw-311.51±3120; Mw-312.01±3125; Mw-312.51±3130; Mw-313.01±3135; Mw-313.51±3140; Mw-314.01±3145; Mw-314.51±3150; Mw-315.01±3155; Mw-315.51±3160; Mw-316.01±3165; Mw-316.51±3170; Mw-317.01±3175; Mw-317.51±3180; Mw-318.01±3185; Mw-318.51±3190; Mw-319.01±3195; Mw-319.51±3200; Mw-320.01±3205; Mw-320.51±3210; Mw-321.01±3215; Mw-321.51±3220; Mw-322.01±3225; Mw-322.51±3230; Mw-323.01±3235; Mw-323.51±3240; Mw-324.01±3245; Mw-324.51±3250; Mw-325.01±3255; Mw-325.51±3260; Mw-326.01±3265; Mw-326.51±3270; Mw-327.01±3275; Mw-327.51±3280; Mw-328.01±3285; Mw-328.51±3290; Mw-329.01±3295; Mw-329.51±3300; Mw-330.01±3305; Mw-330.51±3310; Mw-331.01±3315; Mw-331.51±3320; Mw-332.01±3325; Mw-332.51±3330; Mw-333.01±3335; Mw-333.51±3340; Mw-334.01±3345; Mw-334.51±3350; Mw-335.01±3355; Mw-335.51±3360; Mw-336.01±3365; Mw-336.51±3370; Mw-337.01±3375; Mw-337.51±3380; Mw-338.01±3385; Mw-338.51±3390; Mw-339.01±3395; Mw-339.51±3400; Mw-340.01±3405; Mw-340.51±3410; Mw-341.01±3415; Mw-341.51±3420; Mw-342.01±3425; Mw-342.51±3430; Mw-343.01±3435; Mw-343

Table with columns for station name, frequency, mode, and coordinates. Includes stations like JSH Shimam, JOT Ohata, JTM Tenmabayashi, etc.

Table with columns for station name, frequency, mode, and coordinates. Includes stations like BJI Beijing, SSE Sheshan, HHC Hanchuan, etc.

Table with columns for station name, frequency, mode, and coordinates. Includes stations like WMQ Wumeng, KMI Kunming, LSA Lhasa, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CHIANG MAI, GUYANG, NAROGIN, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CHANGCHUN, LSHA, LSA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ZALESOVO, KURCHATOV, etc.

BC3	Big Chuckw Mtn	78.38	47	↑P	P	12 52 09.3 +0.1
GSC	Goldstone	78.44	45	↑P	P	12 52 09.7 +0.1
MPMC	Manual Prospec	78.44	44	↑P	P	12 52 10.6 +1.0
R05C	Kirkwood Meado	78.45	40	↑P	P	12 52 08.9 -0.8
HEC	Hector,Ludlow	78.47	45	↑P	P	12 52 10.2 +0.4
DAC	Darwin (Calif)	78.51	44	eP	P	12 52 10.3 +0.3
DAC	comp=Z,24nm,1.7s,mb4.8				pmax	pmax
DAC	Darwin (Calif)	78.51	44	eP	P	12 52 10.3 +0.3
P05C	Yuba Gap, Truc	78.52	40	↑P	P	12 52 10.2 +0.1
MTUM	Tungsten Hills	78.55	42	eP	P	12 52 10.5 +0.3
M02C	Callahan	78.58	37	↑P	P	12 52 12.6 +2.2
R07C	Lee Vining	78.70	41	↑P	P	12 52 12.4 +1.3
R06C	Coleville	78.72	41	↑P	P	12 52 12.2 +1.0
O05C	Quincy	78.76	39	↑P	P	12 52 12.7 +1.3
IRM	Iron Mountain	78.87	47	↑P	P	12 52 12.4 +0.4
S08C	White Mtn Res	78.88	42	↑P	P	12 52 13.3 +1.3
YBH	Yreka Blue Hor	78.89	37	↑P	P	12 52 14.3 +2.2
GMRC	Granite Mounta	78.89	46	↑P	P	12 52 13.1 +1.0
O04C	Chester	78.89	39	↑P	P	12 52 14.3 +2.2
M03C	McCloud	78.92	37	↑P	P	12 52 14.8 +2.5
HATC	Hat Creek Radi	78.99	38	↑P	P	12 52 14.9 +2.2
BEKR	Beckworth	79.03	39	↑P	P	12 52 13.5 +0.7
WCN	Washoe City	79.03	40	↑P	P	12 52 12.9 +0.1
Y12C	Blythe	79.07	47	↑P	P	12 52 14.0 +1.0
GRAC	Grapevine Rang	79.09	43	↑P	P	12 52 14.2 +1.0
FURC	Furnace Creek,	79.09	44	↑P	P	12 52 14.5 +1.3
TUQ	Turquoise Mtn.	79.10	45	↑P	P	12 52 15.1 +1.9
SHOC	Shoshone	79.14	45	↑P	P	12 52 16.9 +3.4
P06A	Stead Airport,	79.18	40	↑P	P	12 52 15.6 +1.9
HUMO	Hull Mountain	79.34	36	↑P	P	12 52 16.8 +2.2
NVAR	Mina Array Bea	79.37	42	P	P	12 52 15.0 +0.3
NVAR	Mina Array Bea	79.37	42	P	P	12 52 15.0 +0.3
O07A	Schurz	79.37	41	↑P	P	12 52 16.6 +1.9
M04C	Macdoel	79.41	37	↑P	P	12 52 14.4 -0.5
R08A	Mina	79.44	42	↑P	P	12 52 15.2 +0.1
M05C	Lookout	79.53	38	↑P	P	12 52 14.8 -0.8
O06A	Flanigan	79.53	39	↑P	P	12 52 14.8 -0.8
Y13A	Salome	79.58	48	↑P	P	12 52 16.8 +1.0
S09A	Goldfield	79.61	43	↑P	P	12 52 15.8 -0.2
L04A	Klamath Falls	79.64	37	↑P	P	12 52 16.9 +0.7
PDMCI	Parker Dam,Lak	79.64	47	↑P	P	12 52 16.6 +0.4
V11A	Goodsprings	79.66	45	↑P	P	12 52 16.0 -0.2
P07A	Fallon	79.70	40	↑P	P	12 52 16.9 +0.4
KSRS	Korea Array	79.72	317	P	P	12 52 16.6 -0.1
M06C	Likely Place G	79.81	38	↑P	P	12 52 17.8 +0.7
O08A	Gabbs	79.86	41	↑P	P	12 52 17.2 -0.2
N06A	Buffalo Meadow	79.90	39	↑P	P	12 52 16.7 -0.8
V12A	Nelson	79.98	45	↑P	P	12 52 18.1 0.0
X13A	Yucca	80.02	47	↑P	P	12 52 18.0 -0.3
R09A	Tonopah	80.02	42	↑P	P	12 52 18.0 -0.2
O07A	Toulon	80.09	40	↑P	P	12 52 18.9 +0.3
L05A	Lakeview	80.15	37	↑P	P	12 52 19.0 +0.1
Y14A	Wickenburg	80.22	48	↑P	P	12 52 19.0 -0.3
J04A	Umpqua Nationa	80.22	36	↑P	P	12 52 20.3 +1.0
W13A	Hualapai Mount	80.27	46	↑P	P	12 52 19.6 0.0
P08A	Dixie Valley	80.28	41	↑P	P	12 52 20.0 +0.4
Q09A	Carvers	80.31	42	↑P	P	12 52 20.2 +0.4
M07B	Modoc	80.36	38	↑P	P	12 52 19.9 -0.2
N0D	Gerlach	80.42	39	↑P	P	12 52 20.5 +0.1
K05A	Summer Lake	80.56	37	↑P	P	12 52 21.2 +0.1
U12A	Valley of Fire	80.59	45	↑P	P	12 52 21.3 0.0
X14A	Yava	80.59	47	↑P	P	12 52 21.3 0.0
J05A	Fort Rock	80.73	36	↑P	P	12 52 21.2 -0.8
P09A	Austin	80.77	41	↑P	P	12 52 22.0 -0.3
W14A	Seligman	80.87	47	↑P	P	12 52 22.9 0.0
N08A	GE Springer Mi	80.92	40	↑P	P	12 52 23.7 +0.7
K06A	Valley Falls	80.97	37	↑P	P	12 52 23.4 +0.1
L07A	Adell	80.99	38	↑P	P	12 52 23.2 -0.3
X15A	Humboldt	81.05	48	↑P	P	12 52 23.5 -0.3
O09A	Fish Creek Ran	81.12	41	↑P	P	12 52 24.8 +0.6
M08A	Happy Creek Ra	81.19	39	↑P	P	12 52 24.0 -0.6
P10A	Eureka	81.23	42	↑P	P	12 52 25.4 +0.6
Q11A	Duckwater	81.28	43	↑P	P	12 52 24.7 -0.3
J06A	Christmas Vall	81.31	37	↑P	P	12 52 24.9 -0.3
N09A	Rock Creek Ran	81.33	40	↑P	P	12 52 25.3 0.0
K07A	Rock Creek Ran	81.47	38	↑P	P	12 52 26.0 0.0
L08A	Fields	81.67	39	↑P	P	12 52 26.8 -0.3
I06A	Prineville	81.72	36	↑P	P	12 52 27.1 -0.3
M09A	Marrel Ranch,	81.72	40	↑P	P	12 52 27.1 -0.3
Q12A	Willow Creek R	81.91	43	↑P	P	12 52 28.6 +0.3
MAW	Mawson	81.91	199	P	P	12 52 28.5 +0.2
K08A	Mann Creek Ran	81.93	38	↑P	P	12 52 27.8 -0.6
L09A	Wilkinson Ranc	81.96	39	↑P	P	12 52 28.3 -0.3
O11A	Cowboy Ranch,	82.03	41	↑P	P	12 52 29.0 0.0
P12A	McGill	82.11	42	↑P	P	12 52 29.4 0.0
E04A	Onalaska	82.14	33	↑P	P	12 52 29.6 0.0

H06A	Lindquist Farm	82.17	36	↑P	P	12 52 29.4 -0.3
I07A	Izee	82.20	37	↑P	P	12 52 29.9 0.0
J08A	Circle Bar Ran	82.33	38	↑P	P	12 52 29.9 -0.6
M10A	LL Ranch, Tu	82.33	40	↑P	P	12 52 30.5 0.0
G06A	Carlson Farm,	82.33	35	↑P	P	12 52 29.0 -1.5
K09A	Rome	82.35	38	↑P	P	12 52 30.0 -0.6
H07A	Lands Inn, Kim	82.50	36	↑P	P	12 52 30.8 -0.6
F06A	Goldendale	82.60	35	↑P	P	12 52 31.3 -0.6
I08A	Drewsey	82.62	37	P	P	12 52 32.1 +0.1
O12A	Currie	82.68	42	↑P	P	12 52 32.6 +0.3
M11A	Holland Ranch,	82.72	40	↑P	P	12 52 32.6 0.0
J09A	Fry Ranch,	82.73	38	↑P	P	12 52 32.8 +0.1
C04A	Brinon	82.77	32	↑P	P	12 52 32.2 -0.6
HABR	Khabarovsk	82.82	329f	eP	P	12 52 32.7 -0.4
HABR	HABR			e	S	12 52 38.3
HABR	HABR			eS	S	13 02 46.6 -2.9
N12A	Clover Valley,	82.84	41	↑P	P	12 52 32.6 -0.6
G07A	Ruggs Ranch, H	82.87	36	↑P	P	12 52 33.3 0.0
H08A	Prairie City	82.94	37	↑P	P	12 52 33.4 -0.3
E06A	Yakima	83.00	34	↑P	P	12 52 33.1 -0.9
MDJ	Mudanjiang	83.11	323	P	P	12 52 34.9 +0.3
MDJ	MDJ			AP	pP	12 52 44.4 +0.8
MDJ	MDJ			XP	sP	12 52 46.9 +0.1
MDJ	MDJ			PP	PP	12 55 45.9 +0.1
MDJ	MDJ			S	S	13 02 55.5 +3.0
MDJ	comp=Z,12nm,1.0s,mb4.9			AMB	AMB	
MDJ	comp=Z,229nm,5.4s			LR	LR	
MDJ	comp=N,560nm,20.9s,MS5.0			LR	LR	
MDJ	comp=E,290nm,17.6s,MS5.0			LR	LR	
MDJ	comp=Z,297nm,23.1s					
I09A	Lost Marbles R	83.13	37	↑P	P	12 52 34.7 0.0
F07A	Philly Hill Vi	83.14	35	↑P	P	12 52 33.8 -0.9
M12A	Wells	83.25	41	↑P	P	12 52 35.0 -0.3
G08A	Pilot Rock	83.27	36	P	P	12 52 35.5 +0.1
MSU	Marysval	83.31	44	eP	P	12 52 36.5 +0.9
J10A	Berg Farm, Mel	83.35	38	↑P	P	12 52 35.8 0.0
N13A	Wendover, West	83.35	42	↑P	P	12 52 36.4 +0.6
B05A	Bryant	83.58	32	↑P	P	12 52 36.4 -0.6
H09A	Durkee	83.60	37	↑P	P	12 52 37.1 0.0
E07A	Sunnyside	83.60	34	P	P	12 52 37.3 +0.2
HAWA	Hanford	83.67	35	eP	P	12 52 37.3 -0.2
M13A	Montello	83.67	41	↑P	P	12 52 37.7 +0.3
F08A	Pendleton	83.69	36	P	P	12 52 37.6 0.0
DUG	Dugway	83.85	43	eP	P	12 52 38.2 -0.2
DUG	Dugway	83.85	43	↑P	P	12 52 39.5 +1.2
MFID	Camas Ranch	83.89	39	↑P	P	12 52 38.5 0.0
BMO	Blue Mountains	83.91	37	eP	P	12 52 38.3 -0.4
D07A	Quincy	83.95	34	↑P	P	12 52 37.6 -1.2
K12A	Draper Farm, C	83.97	40	↑P	P	12 52 38.6 -0.3
E08A	Dider Farm, El	83.98	35	↑P	P	12 52 38.7 -0.3
B06A	Marblemount	84.05	32	↑P	P	12 52 39.4 0.0
H10A	Noah's Angus R	84.07	37	↑P	P	12 52 39.5 0.0
I11A	Placerview	84.11	38	P	P	12 52 39.6 -0.1
F09A	S2 Ranch, Elgi	84.11	36	↑P	P	12 52 39.1 -0.6
J12A	Stokes Ranch,	84.22	39	↑P	P	12 52 40.2 -0.1
QIZ	Qiongzong	84.23	293	P	P	12 52 42.4 +2.1
QIZ	QIZ			S	S	13 03 05.3 +1.6
QIZ	comp=Z,44nm,1.8s,mb5.3			AMB	AMB	
QIZ	comp=E,926nm,20.6s			LR	LR	
QIZ	comp=Z,951nm,22.5s,MS5.1			LR	LR	
C07A	Waterville	84.23	34	P	P	12 52 39.9 -0.4
TMUT	Trial Mountain	84.38	44	eP	P	12 52 41.6 +0.6
D08A	Wollman Farm,	84.42	34	P	P	12 52 41.4 +0.1
E09A	Wood Farm, Sta	84.49	35	↑P	P	12 52 40.7 -1.0
MPU	Maple Canyon	84.50	43	eP	P	12 52 42.7 +1.0
MNTX	Cornudas Mount	84.54	53	eP	P	12 52 39.3 -2.6
H11A	Donnelly	84.58	38	↑P	P	12 52 42.2 +0.2
LAZ	Ladron	84.59	50	eP	P	12 52 42.9 +0.8
F10A	Beach Ranch, E	84.65	36	P	P	12 52 42.0 -0.5
B07A	Winthrop	84.70	33	↑P	P	12 52 42.3 -0.4
TXAR	Lajita Array	84.72	56	P	P	12 52 45.5 +2.7
SRU	San Rafael	84.72	45	eP	P	12 52 42.5 -0.3
D09A	Jones Farm, Ri	84.74	35	↑P	P	12 52 42.2 -0.7
HVU	Hansel Valley	84.77	41	P	P	12 52 43.0 0.0
HVU						

Table of astronomical observations for 17d 12h, listing objects like SONM, LAPZ, ZAL, etc., with their coordinates and observation details.

Table of astronomical observations for 2006 DEC, listing objects like WLF, GEC2, GERES, etc., with their coordinates and observation details.

Table of astronomical observations for 2006 DEC, listing objects like PPT, PPT, PPT, etc., with their coordinates and observation details.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like G06A Carlson Farm, K09A Rome, N11A Elko Archery C, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like MPU Maple Canyon, MNTX Cornudas Mount, NOQ North Oquirrh, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like G15A Dillon, DLMT Dillon, A11A Hall Mountain, etc.

Table with columns: Station, City, Time, Frequency, Power, and other technical details. Includes stations like Edmonton, Las Campanas, Xi'an, etc.

Table with columns: Station, City, Time, Frequency, Power, and other technical details. Includes stations like Yakutsk, Inuvik, Kansas State, etc.

Table with columns: Station, City, Time, Frequency, Power, and other technical details. Includes stations like Palk, MCWV, CNCC, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KIV, KLV, KLD, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CLL, CLL, CLL, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GIVF, DOU, DOU, etc.

mb4.3/8, Error ellipse: s-maj=32.7km s-min=8.6km
 az=84.9
 IDC 17 13:27:56.4,3.5,754S,12067E,1h169km,37km,mb3.8/5,
 mb1 3.8/7,mb1mx3.6/18,mbtpr3.7/7, Error ellipse:
 s-maj=89.9km s-min=9.2km az=55.0
 NEIC 17 13:27:58.4,2.7,810S,11998E,h201km,28km,mb4.3/4,
 Error ellipse: s-maj=36.5km s-min=14.9km az=56.0
 ISC 17 13:27:56.3,1.7,765,01x1206E,01,1h171km,17km,n18,
 c094/22,mb4.3/8,2C,Flores Sea

Code	Station Name	A° AZ°	Phase ID	Time Res	ISC	h m s	ISC	Time Res
FITZ	Fitzroy Crossi	11.53 155	eP	13 30 34.4	-1.4			
FITZ	Fitzroy Crossi	11.53 155	eS	13 30 33.1	-1.1			
FITZ	Fitzroy Crossi	11.53 155	P	13 30 36.0	+0.2			
FITZ	Fitzroy Crossi	11.53 155	S	13 32 35.8	-7.8			
KAKA	Kakadu	12.75 114	eP	13 30 56.8	+5.3			
KAKA	Warramunga Arr	18.12 134	P	13 33 12.2	-0.7			
WRA	Warramunga Arr	18.12 134	P	13 31 56.5	+1.1			
WRA	Warramunga Arr	18.12 134	S	13 35 13.6	-0.4			
WB2	Warramunga Arr	18.13 134	P	13 31 56.7	+1.2			
WB2	Warramunga Arr	18.13 134	P	13 35 13.4	-0.8			
ASAR	Alice Springs	20.45 143	P	13 32 20.8	+0.3			
ASAR	Alice Springs	20.45 143	S	13 36 03.3	+3.4			
STKA	Stephens Creek	31.09 244	P	13 33 58.7	+0.4			
STKA	Stephens Creek	31.09 244	P	13 33 58.9	+0.6			
LSA	Lhasa	46.66 324	eP	13 36 09.1	+1.6			
GUN	Gumba	48.70 318	eP	13 36 22.9	-0.3			
DMN	Daman	49.02 317	eP	13 36 25.1	-0.6			
GKN	Gorkha	49.59 317	eP	13 36 28.8	-1.2			
KOLN	Koldanda	50.15 316	eP	13 36 33.1	-1.1			
SOMM	Songino Array	56.63 349	P	13 37 22.9	+1.4			
MKAR	Makanchi Array	63.96 332	P	13 38 11.2	0.0			
ZAL	Zalesovo	68.33 338	P	13 38 38.4	-0.7			
YKA	Yellowknife Ar	112.33 24	PKIKP	13 46 10.2	-1.5			
YKA	Yellowknife Ar	112.33 24	PKPdf	13 46 10.2	-1.5			

IDC 17 13:33:38.5,27.0,2121S,17322W,h0km,mb4.2/4,
 mb1 4.3/4,mb1mx3.9/17,mbtpr4.2/4, Error ellipse:
 s-maj=503.6km s-min=155.3km az=75.0, Tonga Islands

Code	Station Name	A° AZ°	Phase ID	Time Res	ISC	h m s	ISC	Time Res
CTA	Charters Tower	37.87 264	eP	13 40 58.5	+1.4			
STKA	Stephens Creek	41.54 246	P	13 41 26.5	-1.2			
ASAR	Alice Springs	48.71 257	P	13 42 24.8	+0.1			
WRA	Warramunga Arr	48.93 270	P	13 42 27.0	+0.6			

ISCJB 17 13:42:09.0,6.5,2385N,006,12145E,003,h10km,
 mb3.9/12, Error ellipse: s-maj=8.6km s-min=3.9km az=7.6
 NEIC 17 13:42:12.0,1.3,2394N,12176E,h19km,7km,mb4.5/2,
 ML4.7(TAP), Error ellipse: s-maj=20.8km s-min=8.8km
 az=67.0
 NEIC Recorded [5 TAP] in Hua-lien, [3 TAP] in Nan-tou, [2 TAP] in
 I-lan and [1 TAP] in Tai-chung and Yun-lin Counties.
 JMA 17 13:42:12.5,0.3,2385N,12144E,h58km,M3.6
 BUJ 17 13:42:18.6,2440N,12111E,h18km,mb4.7,mb4.1,ML3.9,
 Ms4.1,Ms23.9

Code	Station Name	A° AZ°	Phase ID	Time Res	ISC	h m s	ISC	Time Res
NACB	Ninganchiao	0.28 22	ePn	13 42 18.6	0.0			
NACB	Ninganchiao	0.28 22	eS	13 42 22.3	+0.7			
YHNB	Yeheng	0.76 353	ePn	13 42 27.2	-1.1			
YHNB	Yeheng	0.76 353	eS	13 42 36.4	-2.9			
TATO	Taipei	1.05 0	ePn	13 42 32.4	0.0			
YOJ	Yonaguni jima	1.50 68	P	13 42 38.5	0.0			
YUJ	Yonaguni jima	1.50 68	eS	13 42 57.8	+0.2			
IRIF	Iriomote-Funau	2.10 78	P	13 42 47.6	+0.5			
IRIF	Iriomote-Funau	2.10 78	eS	13 43 13.0	+0.7			
HATJ	Hateruma jima	2.13 86	P	13 42 47.2	0.0			
HATJ	Hateruma jima	2.13 86	eS	13 43 12.8	-0.4			
KHRS	Kuro-shima	2.33 82	P	13 42 49.7	-0.3			
KHRS	Kuro-shima	2.33 82	eS	13 43 18.4	+0.2			
JJU	Ishigaki jima	2.47 79	eS	13 42 51.9	0.0			
JJU	Ishigaki jima	2.47 79	eS	13 43 20.9	-0.7			
OZH	Quanzhou	2.83 292	P	13 42 57.3	+0.6			
OZH	Quanzhou	2.83 292	S	13 43 29.6	-0.7			

IDC 17 13:42:20.9,7.0,2381N,12151E,h96km,68km,mb3.6/9,
 mb1 3.7/10,mb1mx3.6/23,mbtpr3.6/10,ML3.8/1, Error
 ellipse: s-maj=39.6km s-min=13.5km az=65.0
 ISC 17 13:42:12.5,1.2,2392N,006,12148E,003,h18km,6km,
 n28,c088/37,mb3.9/12,1C,Taiwan

Code	Station Name	A° AZ°	Phase ID	Time Res	ISC	h m s	ISC	Time Res
NACB	Ninganchiao	0.28 22	ePn	13 42 18.6	0.0			
NACB	Ninganchiao	0.28 22	eS	13 42 22.3	+0.7			
YHNB	Yeheng	0.76 353	ePn	13 42 27.2	-1.1			
YHNB	Yeheng	0.76 353	eS	13 42 36.4	-2.9			
TATO	Taipei	1.05 0	ePn	13 42 32.4	0.0			
YOJ	Yonaguni jima	1.50 68	P	13 42 38.5	0.0			
YUJ	Yonaguni jima	1.50 68	eS	13 42 57.8	+0.2			
IRIF	Iriomote-Funau	2.10 78	P	13 42 47.6	+0.5			
IRIF	Iriomote-Funau	2.10 78	eS	13 43 13.0	+0.7			
HATJ	Hateruma jima	2.13 86	P	13 42 47.2	0.0			
HATJ	Hateruma jima	2.13 86	eS	13 43 12.8	-0.4			
KHRS	Kuro-shima	2.33 82	P	13 42 49.7	-0.3			
KHRS	Kuro-shima	2.33 82	eS	13 43 18.4	+0.2			
JJU	Ishigaki jima	2.47 79	eS	13 42 51.9	0.0			
JJU	Ishigaki jima	2.47 79	eS	13 43 20.9	-0.7			
OZH	Quanzhou	2.83 292	P	13 42 57.3	+0.6			
OZH	Quanzhou	2.83 292	S	13 43 29.6	-0.7			

IDC 17 14:04:24.2,2.0,934S,11192E,h0km,mb3.8/5,mb1 3.9/6,
 mb1mx3.7/18,mbtpr3.8/6,ML3.5/1, Error ellipse:
 s-maj=74.4km s-min=19.5km az=53.0, South of Jawa

Code	Station Name	A° AZ°	Phase ID	Time Res	ISC	h m s	ISC	Time Res
FITZ	Fitzroy Crossi	15.92 125	Pn	14 08 08.1	-1.4			
FITZ	Fitzroy Crossi	15.92 125	S	14 10 52.8	-1.4			

0.2nm,0.3s,baz=190,slow=14,SNR=5.2
 WRA Warramunga Arr 24.09 118 P 14 09 41.7 +0.3
 2.5nm,0.7s,baz=292,slow=12,SNR=18
 ASAR Alice Springs 25.39 127 P 14 09 54.0 +0.9
 1.6nm,0.3s,baz=302,slow=8.3,SNR=27
 KSRS Korea Array 4.79 17 P 14 13 12.1 +0.3
 0.9nm,0.8s,baz=204,slow=6.1,SNR=3.8
 SOMM Songino Array 57.13 356 P 14 14 13.3 +0.8
 0.8nm,0.6s,baz=176,slow=6.0,SNR=7.8
 MKAR Makanchi Array 61.81 337 P 14 14 44.1 -0.8
 0.9nm,0.3s,baz=148,slow=7.3,SNR=27

WEL 17 14:20:40.1±0.6,3550S,17945E,h319km,18km,ML3.7/8,
 Error ellipse: s-maj=20.3km s-min=15.1km az=90.0, Off
 east coast of North Island

Code	Station Name	A° AZ°	Phase ID	Time Res	ISC	h m s	ISC	Time Res
PUZ	Puketiti	2.75 200	ePn	14 21 35.1	+0.4			
PUZ	Puketiti	2.75 200	S	14 22 17.9	-0.6			
MWZ	Matawai	3.23 208	Pn	14 21 40.0	+0.7			
MWZ	Matawai	3.23 208	S	14 22 26.9	+0.2			
URZ	Urewera	3.24 213	Pn	14 21 39.7	-0.6			
URZ	Urewera	3.24 213	S	14 22 27.9	-0.8			
KNZ	Kokohu	3.79 201	S	14 22 38.2	+1.0			
BKZ	Black Stump Fm	4.36 212	Pn	14 21 56.7	+0.5			
BKZ	Black Stump Fm	4.36 212	S	14 22 41.6	-1.5			
TSZ	Takapari Road	5.33 210	S	14 22 02.5	+0.5			
BFZ	Birch Farm	5.76 205	Pn	14 22 05.9	+1.5			
TIWZ	Tintock	5.97 207	Pn	14 22 10.9	+1.3			
MWZ	Mangaitianna Rd	5.99 209	Pn	14 22 09.7	0.0			
TCW	Tory Channel	7.01 214	Pn	14 22 21.6	-0.2			
TIWZ	Tuamarina	7.33 214	Pn	14 22 24.9	-0.7			
MWZ	Matawai	7.44 218	S	14 23 52.6	-1.1			
THZ	Topouape	8.08 217	ePn	14 22 34.5	-0.2			
KHZ	Kahutara	8.30 212	Pn	14 22 37.6	+0.2			
MOZ	McQueen's Vall	9.73 211	S	14 24 43.0	-1.9			

IDC 17 15:03:13.8,67.0,2084S,17661E,h0km,mb4.0/3,
 mb1 4.2/3,mb1mx3.8/14,mbtpr4.0/3, Error ellipse:
 s-maj=1181.0km s-min=140.8km az=81.0, South of Fiji
 Islands

Code	Station Name	A° AZ°	Phase ID	Time Res	ISC	h m s	ISC	Time Res
STKA	Stephens Creek	33.11 243	P	15 09 50.5	-0.9			
ASAR	Alice Springs	39.52 258	P	15 10 46.5	+0.3			
WRA	Warramunga Arr	39.56 264	P	15 10 47.6	+1.1			

ISCJB 17 15:10:37.1,0.5,685N,006,7303W,006,h164km,6km,
 mb3.6/5, Error ellipse: s-maj=11.1km s-min=7.1km
 az=92.8

IDC 17 15:10:37.4,0.7,678N,7296W,h154km,8km,mb3.4/5,
 mb1 3.6/7,mb1mx3.4/21,mbtpr3.4/7, Error ellipse:
 s-maj=23.7km s-min=7.9km az=128.0
 NEIC 17 15:10:38.3,0.8,682N,7317W,h160km,8km,mb3.6/2,
 Error ellipse: s-maj=15.3km s-min=13.0km az=108.0
 FUNV 17 15:10:39.0,688N,7307W,h172km,MW3.2

ISC 17 15:13:40.1±0.5,684N,006,7303W,006,h158km,6km,n27,
 c1503/35,mb3.6/5,1C-3D,Northern Colombia

Code	Station Name	A° AZ°	Phase ID	Time Res	ISC	h m s	ISC	Time Res
CAPV	Capacho	1.24 35j	eP	15 11 07.0	+1.3			
CAPV	Capacho	1.24 35j	eS	15 11 28.1	+1.2			
ROSC	El Rosal	2.36 213	P	15 11 19.2	+1.3			
ROSC	El Rosal	2.36 213	S	15 11 48.2	-0.4			
ROSC	El Rosal	2.36 213	ePn	15 11 19.0	+1.1			
ROSC	El Rosal	2.36 213	eS	15 11 46.4	-2.2			
VIGV	Viegas	2.58 40j	ePn	15 11 53.4	0.0			
VIGV	Viegas	2.58 40j	eS	15 11 51.9	+1.2			
SOVC	Socopa	2.59 56j	ePn	15 11 52.7	-0.8			
SOVC	Socopa	2.59 56j	eS	15 11 28.4	+1.1			
SDV	Santo Domingo	3.12 49	P	15 12 04.1	-1.3			
SDV	Santo Domingo	3.12 49	S	15 12 05.5	+1.2			
SDV	Santo Domingo	3.12 49	ePn	15 11 28.4	0.0			
SDV	Santo Domingo	3.12 49	eS	15 12 12.9	-1.6			
ELOV	Elorza	3.52 87	ePn	15 12 12.9	-1.6			
ELOV	Elorza	3.52 87	eS	15 11 33.6	-0.9			
VRV	Villa del Rosa	3.69 10f	ePn	15 12 14.9	-3.5			
QARV	Quebrada							

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like BNLO, HBO, N06A, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like BMO, DUG, PFO, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like YKA, FINES, NEW, etc.

17d 19h

0.9m,0.7s,baz=127,slow=4.5,SNR=5.2
KHC Kasperke Hory 150.19 348f ePKP PKPdf 18 16 09.5 +6.2
GERES GERESSE Array B 150.44 348f PKPbc PKPbc 18 16 09.9 +0.8

IDC 17 18:42.3-4.7, 4.573N,-15403E, h0km, mb3.7/3,
mb1 3.9/3, mb1mx3.4/2.2, mbtmpp3.7/3, Error ellipse:
s-maj=167.2km s-min=39.3km az=9.0, East of Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include MKAR Makanchi Array, FINES FINESSE Array B, TXAR Lajitas Array.

ISCJB 17 18:30:55.3-1.2, 1900N,007.7950W,0.07,h10km, Error
ellipse: s-maj=11.5km s-min=8.3km az=59.3
JSN 17 18:30:55.2-1.0, 1917N,7968W,h30km,MD4.3,MW4.6
SSNC 17 18:30:59.6, 1798N,7947W,h20km,MD3.4,ML3.2
ISC 17 18:30:55.2-1.2, 1893N,008.7959W,0.07,h10km,n7,
o652/11,1C-2D, North of Honduras

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include MCJ Malvern, CVJ Colevilley, LMGC Las Mercedes, WRA Warramunga Arr, ASAR Alice Springs, SONM Songino Array, MKAR Makanchi Array, SOR Soroa.

IDC 17 18:33:28.9-1.7, 415S,-12934E, h0km, mb3.6/2, mb1 3.6/5,
mb1mx3.5/1.7, mbtmpp3.5/1.3, ML3.2, Error ellipse:
s-maj=111.9km s-min=23.6km az=76.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, SONM Songino Array, MKAR Makanchi Array.

ISCJB 17 19:05:37.1-0.4, 5898S,009.2575W,0.1,h10km, mb4.5/15,
MS4.0/10, Error ellipse: s-maj=13.7km s-min=9.7km
az=46.2

IDC 17 19:05:37.1-0.5, 5895S,2555W,h0km, mb4.6/11,
mb1 4.7/12, mb1mx4.6/18, mbtmpp4.6/12, ML5.0/1, MS3.8/9,
Ms1 3.8/9, ms1mx3.7/7.7, Error ellipse: s-maj=20.9km
s-min=16.8km az=16.0
BUJ 17 19:05:39.8, 5849S,2620W,h40km, mb4.7, Ms5.0, Msz4.7
NEIC 17 19:05:42.6-1.9, 5902S,2566W,h38km,17km, mb4.6/9,
Error ellipse: s-maj=12.0km s-min=7.7km az=201.0
ISC 17 19:05:38.7-0.4, 5904S,009.2575W,0.1,h10km,n2,
o686/26, mb4.5/15, MS4.0/10, South Sandwich Islands region

Large table listing station data for the South Sandwich Islands region, including SNA, EFI, USHA, THRA, ULSA, BOS, LBTA, LBTB, TSM, LPZA, LSZ, ROSC, TOAD, TOR, TORL, KMB, STKA, STKA, ASAR, ASAR, WRA, AKASG, PDAR, ULM, NB2, NOA, KOLN, NVAR.

2006 DEC

DMN comp=Z,0.7nm,0.6s,baz=126,slow=2.3,SNR=4.3
Daman 123.87 92 eP PKPdf 19 24 35.9 -1.0
GKN comp=Z,2.3nm,0.2s
Gorkha 123.94 92 eP PKPdf 19 24 35.2 -1.8

PKI comp=Z,1.5nm,0.9s
Pulchoko 123.99 92 eP PKPdf 19 24 35.9 -1.2
KKN comp=Z,6.4nm,0.6s
Kakani 124.10 92 eP PKPdf 19 24 36.1 -1.2
JIRN comp=Z,1.8nm,0.6s
Jiri 124.47 93 eP PKPdf 19 24 37.3 -0.7
GUN comp=Z,1.5nm,0.8s
Gumba 124.51 93 eP PKPdf 19 24 37.2 -0.9

FINES comp=Z,1.4nm,0.5s,baz=143,slow=2.4,SNR=14
FINESSE Array B 126.65 28 PKP PKPdf 19 24 39.9 -2.3
LSCA Lhasa 128.67 96 ePKPdf PKPdf 19 24 46.5 +0.4
ARCES ARCESSE Array B 133.42 22 PKP PKPdf 19 24 52.9 -2.2

CD2 Chengdu 136.03 107 ePKP PKPdf 19 24 57.0 -2.9
CHKZ Chkalovo 136.19 59 ePKP PKPdf 19 24 58.2 -2.0
MKAR Makanchi Array 137.01 73 PKHKP PKPdf 19 24 51.0
MKAR comp=Z,0.3nm,0.5s,baz=225,slow=0.5,SNR=5.4

WMQ comp=Z,1.8nm,0.8s,baz=259,slow=2.6,SNR=5.9
WMQ Urumqi 137.64 81 PKP PKPdf 19 25 03.0 +0.1
WMQ comp=Z,6.0nm,12.0s
WMQ comp=N,69nm,38.0s,MS4.2
WMQ comp=E,55nm,34.0s,MS4.2

YKA comp=Z,36nm,20.0s
Yellowknife Ar 138.91 315 PKP PKPdf 19 25 03.1 -2.2
LZH Kodiak Island 140.21 102 ePKP PKPdf 19 25 04.1 -3.5
GTA Gaotai 140.69 95 ePKP PKPdf 19 25 07.3 -1.2
ZAL Zalesovo 142.86 67 PKHKP PKPdf 19 25 06.4

HHC comp=N,173nm,25.0s,MS4.9
HHC comp=E,169nm,25.0s,MS4.9
INK Inuvik 148.60 317 PKPbc PKPbc 19 25 23.4 -2.5
INK Inuvik 148.60 317 PKPbc PKPbc 19 25 23.0 -2.8

SONM Songino Array 149.98 90 PKP PKPdf 19 25 22.9 -1.5
SONM comp=E,2.8nm,0.8s,baz=212,slow=2.0,SNR=4.4
SONM comp=E,2.8nm,0.8s,baz=218,slow=2.2,SNR=5.0
KRSR Korea Array 152.47 130 PKPbc PKPbc 19 25 33.5 -1.5

KDAK comp=E,4.1nm,1.1s,baz=230,slow=3.3,SNR=4.4
Kodiak Island 152.77 291 PKPbc PKPbc 19 25 33.5 -2.3
KDKA comp=E,5.2nm,0.6s,baz=137,slow=5.8,SNR=3.9
Kodiak Island 157.77 291 PKPbc PKPbc 19 25 33.5 -2.3
MCK McKinley 153.23 304 ePKPbc PKPbc 19 25 34.6 -2.1
IMA2 Indian Mountai 155.71 309 ePKPbc PKPbc 19 25 57.2 -1.8

IDC 17 19:10:03.9-2.5, 4341N,105.24W,h0km, mb4.1/1,
mb1 3.8/4, mb1mx3.5/2.2, mbtmpp3.6/4, ML3.5/2, MS3.3/2,
Ms1 3.3/2, ms1mx2.7/3.5, Error ellipse: s-maj=60.9km
s-min=8.1km az=153.0
ISCJB 17 19:10:04.8-0.6, 4376N,004.10519W,0.06,h0km, mb4.5/1,
MS3.5/1, Error ellipse: s-maj=6.5km s-min=5.7km az=0.9
NEIC 17 19:10:06.2-0.5, 4372N,105.23W,h0km,ML3.2, Error
ellipse: s-maj=7.7km s-min=5.7km az=129.0, Suspected
Mining explosion.

NEIC 70 km [45 miles] SSE of Gillette.
ISC 17 19:10:06.1-0.5, 4372N,105.23W,0.06,h0km,n31,
o1513/32, mb4.5/1, MS3.5/1, Wyoming

RSSD Black Hills 0.91 67 ePg Pg 19 10 24.8 +1.3
PHWY Pilot Hill 2.47 185 ePn Pn 19 10 47.8 +0.1
PHWY Pilot Hill 2.47 185 ePn Pn 19 10 47.8 +0.1

RWWY Rawlins 2.56 216 ePn Pn 19 11 19.8 +1.2
LAO LASA Array 3.01 346 ePn Pn 19 10 56.5 +1.5
RLMT Red Lodge 3.22 296 ePn Pn 19 10 57.4 -0.5
RLMT Red Lodge 3.22 296 ePn Pn 19 11 44.5 +0.6

BW06 Boulder Array 3.34 254 ePn Pn 19 10 59.0 -0.7
BW06 Boulder Array 3.34 254 ePn Pn 19 11 42.4 +2.3
PDAR Pinedale Array 3.34 254 ePn Pn 19 10 59.0 -0.6
PDAR 4.1nm,0.3s,baz=73,slow=16,SNR=84
PDAR 9.4nm,0.3s,baz=74,slow=18,SNR=50

PDAR 5.8nm,0.3s,baz=94,slow=21,SNR=3.7
GCMT Greycliff 3.78 304 ePn Pn 19 11 05.8 +0.2
ISCO Idaho Springs 3.98 185 ePn Pn 19 11 07.3 -1.1
MOOW Moose Ponds 4.03 272 ePn Pn 19 11 09.9 +0.9

SNOW Snow King Moun 4.05 268 ePn Pn 19 11 13.5 +4.1
REDW Red Top Meadow 4.13 266 ePn Pn 19 11 10.5 -0.1
REDW 11 17.9
YMR Madison River 4.25 284 ePn Pn 19 11 13.8 +1.8

AHLD Auburn Hatcher 4.43 259 Pn Pn 19 11 13.0 -1.6
GLMT Elkburne Lak 4.60 285 Pg Pg 19 11 27.4 -7.0
BOZ Bozeman 4.96 284 ePn Pn 19 11 23.6 -1.2
HWUT Hardware Ranch 5.17 248 ePn Pn 19 11 23.6 -1.2

EGMT Eggleton 5.32 235 ePn Pn 19 11 24.9 -1.8
McMCK McKenzie Canyon 6.00 284 ePn Pn 19 11 34.6 +3.9
DAU Daniels Canyon 6.12 235 ePn Pn 19 11 32.4 +1.4
SRU San Rafael 6.24 223 ePn Pn 19 11 37.2 -0.9

TMUT Trail Mountain 6.35 202 ePn Pn 19 11 41.0 +0.1
CHMUT Champlain Mo 6.49 327 ePn Pn 19 11 42.6 -0.3
DUG Dugway 6.71 240 Pg Pg 19 11 45.7 -0.1
ULM Lac du Bonnet 9.08 41 Pn Pn 19 12 18.1 -0.4

ULM 1.5nm,0.3s,baz=235,slow=11,SNR=17
ULM 1.2nm,0.3s,baz=238,slow=12,SNR=5.8
ULM 0.8nm,0.3s,baz=144,slow=4.9,SNR=3.3
Newport 9.44 303 Lg Lg 19 10 49.0 +1.9

572

Russia
ISC 17 19:24:15.4-1.2, 4656N,005.15475E,0.05,h27km,gkm,
h13km,1.1km,pp-P,192,e166/203,mb4.6/9,MS3.8/17,
10C-11D, East of Kuril Islands

Code Station Name Az AZ Phase ID Time Res ISC
SKR Severo-Kuril's 4.22 12 Op Pn 19 25 18.5 +0.5
SKR comp=N,80nm,0.4s pmax pmax
SKR comp=Z,100nm,0.4s MLR MLR

SKR comp=Z,2.1um,12.0s 4.99 257 i P AMB AMB 19 25 27.8 -0.6
KUR Kuril'sk 4.99 257 i P AMB AMB 19 25 28.5
KUR comp=Z,230nm,0.6s AMB AMB 19 25 28.5
KUR comp=Z,790nm,0.6s eS A 19 26 24.0 -1.2

KUR comp=Z,660nm,0.7s A 19 26 27.5
KUR comp=Z,340nm,0.7s 6.76 251 i Pn Pn 19 25 53.9 +1.1
YUK Yuzh-Kuril'sk 6.76 251 i Pn Pn 19 25 53.9 +1.1

YUK comp=Z,440nm,0.3s pmax pmax
YUK comp=N,180nm,0.3s pmax pmax
YUK comp=E,130nm,0.3s AMB AMB 19 25 54.5
YUK comp=E,130nm,0.3s AMB AMB 19 25 54.5

YUK comp=E,440nm,0.3s eS A 19 27 08.5 -0.3
YUK comp=E,2um,0.6s A 19 27 14.9
YUK comp=E,420nm,0.5s A 19 27 16.4
YUK comp=E,390nm,0.5s 6.95 20 ePn Pn 19 25 49.5 -5.8

PET Petropavlovsk 6.95 20 ePn Pn 19 25 49.5 -5.8
PET Petropavlovsk 6.95 20 ePn Pn 19 25 49.2 -6.2
PET Nemuro 2 7.14 247 S Pn 19 26 59.6 -1.4

JRA Rausu 7.28 252 P Pn 19 26 02.1 +2.1
JNK Nakash 7.70 251 P Pn 19 26 07.0 +1.3
JAK Akkeshi 7.99 247 P Pn 19 26 09.0 -0.7
JTKR Abashiri-Toko 8.08 255 P Pn 19 26 12.3 +1.4
YSS Yuzh-Sakhalins 8.25 277 pmax pmax 19 26 14.1 +0.9

YSS comp=Z,58nm,1.0s 8.25 277 ePn Pn 19 26 18.2 +5.0
YSS Yuzh-Sakhalins 8.25 277 ePn Pn 19 27 47.5 +2.0
YSS Yuzh-Sakhalins 8.25 277 ePn Pn 19 26 17.8 +4.6
YSS Yuzh-Sakhalins 8.25 277 ePn Pn 19 27 46.5 +1.0

YSS comp=Z,30nm,0.8s AMS AMS 19 27 49.1
YSS comp=Z,400nm,14.0s AMS AMS 19 30 14.0
YSS comp=Z,500nm,14.0s AMS AMS 19 30 14.0

JMP JAR Ashorobuto 8.43 256 P Pn 19 26 17.6 +1.9
JMP JAR Ashorobuto 8.43 251 P Pn 19 26 16.9 +1.0
JAB Onbets 8.95 249 eS Sn 19 27 48.3 -2.1
JKB Kamakawa 2 8.99 257 P Pn 19 26 23.9 +1.9
UGL Ugegorsk 8.99 291 ePn Pn 19 26 25.0 +2.8

UGL comp=Z,7nm,0.7s MLR MLR
UGL comp=E,500nm,15.0s MLR MLR
UGL comp=Z,500nm,15.0s MLR MLR
UGL comp=N,650nm,12.0s MLR MLR

ASAJ Asahikawa 8.90 258 Pn Pn 19 26 24.9 +2.7
ASAJ comp=N,4.6nm,0.3s,baz=80,slow=7.9,SNR=14.4
ASAJ Asahikawa 8.90 258 Pn Pn 19 26 24.6 +2.4
JCH Churui 9.03 248 ePn Pn 19 26 24.0 0.0

ASAJ Asahikawa 9.03 248 ePn Pn 19 26 24.6 +2.4
JCH Churui 9.03 248 ePn Pn 19 26 24.0 0.0
JFR Furan 9.28 253 P Pn 19 26 29.4 +2.1
JEM Erimo 9.47 246 ePn Pn 19 28 12.2 -3.4

JEM Erimo 9.47 246 ePn Pn 19 26 25.2 -4.8
JNB Urakawa-nobuwa 9.59 248 eS Sn 19 28 11.8 -6.7
JNTK Birato 9.60 251 P Pn 19 26 32.2 +0.4
JNB Notohribetsu 10.61 252 ePn Pn 19 28 35.0 -4.0
JKB Kayabe 10.89 250 P Pn 19 26 47.9 -1.6

JKB Kayabe 10.89 250 P Pn 19 28 43.7 -6.7
JSH Shimam 11.19 255 P Pn 19 26 54.3 +0.8
JYM Yakumo 2 11.21 252 P Pn 19 26 53.6 -0.2
JANG Nango 11.43 242 ePn Pn 19 26 53.1 -1.0

JTM Temmabayashi 11.46 245 P Pn 19 26 55.5 -1.7
JTM Temmabayashi 11.46 245 P Pn 19 28 56.0 -8.3
JTH Tanohata 11.49 239 eS Sn 19 28 53.4 -1.2
OFJU Ofunato 11.26 237 eS Sn 19 28 52.8 -8.6

JRG Rokugo 12.56 240 P Pn 19 27 10.4 -1.9
JRG Rokugo 12.56 240 P Pn 19 27 10.4 -1.9
JIO Ouri 17.27 235 eS Sn 19 29 27.3 -9.0
MJAR Matsuhiro Arr 18.59 237 Pn Pn 19 27 56.2 -0.9

MAJO Matsuhiro 18.59 237 ePn Pn 19 27 56.7 -0.4
MAJO Matsuhiro 18.59 237 ePn Pn 19 27 56.7 -0.4
MAJO Matsuhiro 18.59 237 ePn Pn 19 28 03.6
MAJO Matsuhiro 18.59 237 P Pn 19 27 56.0 -1.1

MAJ Matsumuro 17.07 273 P Pn 19 28 17.9 -2.0
MDJ Matsumuro 17.07 273 P Pn 19 28 17.9 -2.0
MDJ Matsumuro 17.07 273 P Pn 19 28 17.9 -2.0
MDJ Matsumuro 17.07 273 P Pn 19 28 17.9 -2.0

17d 20h

Table with columns: IAW, Station Name, Az, El, P, S, Pn, Time, Res. Includes stations like MTW Mount Morrison, KIWI Kapiti Island, MSWZ Mokai Station, etc.

BJI 17 19:57:10.8, 2090Sx17450W, h10km, mb4.5, Ms4.6, Ms4.3

IDC 17 19:57:11.4, 0.7, 2099Sx17446W, h0km, mb4.2/11, mb1.4/4.12, mb1mx4.3/18, mbtmp2/12, ML4.0/1, MS4.0/14, Ms1.4/0.14, ms1mx3.8/25, Error ellipse: s-maj=30.3km s-min=17.3km az=141.0

NEIC 17 19:57:12.8, 0.3, 2094Sx17447W, h10km, mb4.0/5, Error ellipse: s-maj=17.2km s-min=8.9km az=142.0

ISCJBJ 17 19:57:14.9, 0.5, 2112Sx1745W, 0.1, h35km, mb4.3/15, MS4.1/14, Error ellipse: s-maj=16.0km s-min=8.6km az=58.6

SZGRF 17 19:57:17.6, 2075Sx17262W, h33km, Tonga Islands region

ISC 17 19:57:16.8, 0.5, 211Sx0.1, 1744W, 0.1, h35km, n77, -089/37, mb4.3/15, MS4.1/14, Tonga Islands

Main table for 17d 20h section, listing station codes, names, coordinates, and parameters. Includes stations like AFI Afiamalu, RAR Rarotonga, DZM Mont Dzumac, etc.

20 DEC

Table for 20 DEC section, listing station codes, names, coordinates, and parameters. Includes stations like BR131 Keskin Array S, PVRC Panska Ves, MOX Moxa, etc.

ISCJBJ 17 20:00:15.0, 0.7, 3443N, 0.03, 2402E, 0.03, h29km, 5km, mb4.1/26, Error ellipse: s-maj=4.8km s-min=3.3km az=42.1

CSEM 17 20:00:15.3, 0.1, 3441N, 2403E, h30km, mb4.2/8, Error ellipse: s-maj=2.2km s-min=1.4km az=15.0

HLW 17 20:00:15.2, 3482N, 2436E, h33km, Mb4.0

MOS 17 20:00:16.9, 1.1, 3455N, 2403E, h4km, mb4.3/10, Error ellipse: s-maj=7.1km s-min=0.6km az=108.9

IDC 17 20:00:17.9, 2.7, 3466N, 2405E, h33km, 13km, mb3.9/12, mb1.4/0.19, ms1mx3.9/28, mbtmp3.9/19, ML3.8/7, MS3.0/2, MS1.3/0.2, ms1mx2.3/32, Error ellipse: s-maj=20.1km s-min=14.0km az=169.0

ATH 17 20:00:20.6, 3484N, 2421E, h33km, 3km, MD4.0/8

NEIC 17 20:00:20.6, 3484N, 2421E, h33km, mb4.0/18, MD4.0(ATH), ML4.4(TH), After ATH.

NAO 17 20:00:24.1, 41.919N, 2437E, h33km, mb3.4

ISC 17 20:00:16.8, 0.7, 3446N, 0.03, 2400E, 0.03, h26km, 5km, n223, s119/247, mb4.1/26, 9C-5D, Crete

Main table for 20 DEC section, listing station codes, names, coordinates, and parameters. Includes stations like GVD Gavdhos, SIVA Sivas, KARN Karanos, etc.

574

Main table for 574 section, listing station codes, names, coordinates, and parameters. Includes stations like CSS Prodhromos, KIZT Kizical, PZI Palazzolo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OBN, LDF, ESDC, FLN, GRR, MDT, SGFM, QUIF, ROSF, FINES, NOA, JOES, TOAO, TORO, AKTK, ARCS, CHKZ, MKAR, NVS, ZAL, KOLD, KGN, DMN, KKN, PKI, GUN, JIRN, ZAK, ZAK, SONM, YKA, YKA, KSRs.

ISCJB 17 20:13:57.9.0.3, 4814N.003.762E.002, h12km, 4km, Error ellipse: s-maj=4.7km s-min=2.7km az=7.4 LDG 17 20:13:58.9.0.1, 4814N.765E, h10km, M1.9, M1.0/7, Error ellipse: s-maj=1.4km s-min=0.8km az=6.0 STR 17 20:13:58.0.0.6, 4815N.766E, h10km, 1km, M1.1.6, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0 ZUR 17 20:13:59.5, 4808N.769E, h4km, 5km, ML 1.4/5 LEDBW 17 20:13:59.0.4, 4813N.004.766E.004, h10km, ML1.2, Error ellipse: s-maj=14.0km s-min=8.0km az=41.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KIZ, ECH, ECH, FELD, CDF, MOF, BFO, HINF, SLE, SULZ, SPAK, BOURR, BALST, HAU, LBG, LBG, LBG, LBG, STEIN, GUT, GUT, GUT, GUT, SIBS, SIBS, BUCH.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BUCH, BUCH, BUCH, RFFY, SFTF, SFTF, MEZF, CABF, LOR.

IDC 17 20:16:52.5.2.0.5, 642S.15140E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.6/14, mbtmp3.7/4, Error ellipse: s-maj=75.5km s-min=45.0km az=114.0

NEIC 17 20:16:53.7.1.1, 644S.15146E, h10km, mb4.2/1, Error ellipse: s-maj=28.6km s-min=15.5km az=105.0

ISCJB 17 20:16:56.4.1.4, 655S.0.1, 15151E.02, h35km, mb3.5/4, Error ellipse: s-maj=3.7km s-min=1.4km az=25.3

ISC 17 20:16:58.0.1.4, 655S.0.1, 1514E.02, h35km, n13, s19/10/12, mb3.5/4, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PMG, CTAO, WB2, WRA, ASAR, STKA, FITZ, FITZ, FITZ, TAU, KURK, BRVK, TORO, TORO.

IDC 17 20:19:02.3.2.8, 655S.15156E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.6/14, mbtmp3.7/4, Error ellipse: s-maj=70.0km s-min=44.8km az=110.0

NEIC 17 20:19:03.6.0.9, 656S.15158E, h10km, mb4.2/2, Error ellipse: s-maj=25.1km s-min=10.6km az=106.0

ISCJB 17 20:19:06.3.1.5, 675S.0.1, 1515E.03, h35km, mb3.7/6, Error ellipse: s-maj=37.1km s-min=16.0km az=27.5

ISC 17 20:19:08.0.1.5, 665S.0.1, 1515E.03, h35km, n13, s09/36/11, mb3.7/6, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PMG, CTAO, WB2, WRA, ASAR, STKA, STKA, FITZ, LSA, KURK, CHKZ, TORO, TORO.

MOS 17 20:22:00.0.0.5, 4201N.4534E, h13km, mb3.9/1, Error ellipse: s-maj=17.6km s-min=11.3km az=117.1

ISCJB 17 20:22:01.1.0.6, 4227N.003.4541E.005, h2km, 6km, Error ellipse: s-maj=6.1km s-min=5.1km az=55.4

TIF 17 20:22:01.3, 4231N.4535E, h11km, 4km

ISC 17 20:22:02.0.0.6, 4228N.003.4540E.004, h11km, 6km, n15, s18/25/3C-3D, Eastern Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DUS, DUS, MTA, DGRG, SNUR, SNUR, LACR, GOR, GOR, UNCR, KZR, KZR, ZEI, ZEI, ARNR, ARNR, KMRK, KMRK, ONI, ONI, DIGR, PRTR.

NEIC 17 20:54:51.2.0.5, 4692N.15478E, h10km, mb3.9/8, Error ellipse: s-maj=13.5km s-min=8.4km az=145.0

ISCJB 17 20:54:54.0.2.2, 4699N.0.1, 1547E.01, h45km, 20km, mb3.9/14, Error ellipse: s-maj=19.4km s-min=13.1km az=105.0

MOS 17 20:54:54.1.0.8, 4699N.15469E, h43km, mb4.0/5, Error ellipse: s-maj=16.1km s-min=13.1km az=66.2

IDC 17 20:54:55.8.5.0, 4688N.15474E, h44km, 48km, mb3.5/8, mb1 3.7/9, mb1mx3.5/24, mbtmp3.5/9, M3.2.1, MS2.6/1, Ms1 2.6/1, ms1mx1.7/47, Error ellipse: s-maj=31.1km s-min=24.6km az=178.0

ISC 17 20:54:56.1.1.8, 4699N.0.1, 1547E.01, h48km, n17km, n31, s06/31/1, mb3.8/14, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KUR, ASAJ, ASAJ, MAJO, MAJO, MAJO, YAK, YAK, YAK, YAK, MCK, MCK, MCK, MCK, NACB, COLA, COLA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like COLA, ENH, ZAL, MKAR, KURK, KURK, KURK, YKA, YKA, RES, CHKZ, CHKZ.

comp=Z.1.0nm, 0.4s, mb4.1

comp=Z.1.2nm, 0.4s, mb4.2

comp=Z.0.2nm, 0.4s, mb3.8, baz=124, slow=1.9, SNR=2.6

comp=Z.0.2nm, 0.7s, mb3.8, baz=295, slow=7.3, SNR=4.3

comp=Z.2.0nm, 0.6s, mb4.2

comp=Z.1.8nm, 0.6s, mb4.1

comp=Z.1.0nm, 0.6s, mb4.0

comp=Z.0.6nm, 0.4s, mb3.8, baz=52, slow=9.6, SNR=5.0

comp=Z.2.0nm, 0.6s, mb3.8, baz=296, slow=4.1, SNR=11

comp=Z.2.0nm, 0.6s, mb3.8, baz=296, slow=4.1, SNR=11

comp=Z.0.6nm, 0.4s, mb3.8, baz=52, slow=9.6, SNR=5.0

comp=Z.0.2nm, 0.7s, mb3.8, baz=295, slow=7.3, SNR=4.3

comp=Z.0.2nm, 0.6s, mb4.2

comp=Z.1.2nm, 1.3s, mb4.4

comp=Z.1.2nm, 1.3s, mb4.5

comp=Z.1.1nm, 1.3s, mb4.4

comp=Z.3.0nm, 0.6s, mb4.5, baz=269, slow=7.5, SNR=52

comp=Z.1.0nm, 0.5s, mb4.4, baz=199, slow=7.4, SNR=21

comp=Z.6.4nm, 0.4s, mb4.9

comp=Z.8.1nm, 0.6s, mb4.8

comp=Z.3.2nm, 0.4s, mb4.6

comp=Z.2.0nm, 0.9s, mb4.2

comp=Z.2.0nm, 0.9s, mb4.2

comp=Z.2.0nm, 0.9s, mb4.2

comp=Z.2.0nm, 0.9s, mb4.2

comp=Z.2.0nm, 0.9s, mb4.2

comp=Z.2.0nm, 0.9s, mb4.2

comp=Z.2.0nm, 0.9s, mb4.2

comp=Z.2.0nm, 0.9s, mb4.2

comp=Z.2.0nm, 0.9s, mb4.2

comp=Z.2.0nm, 0.9s, mb4.2

comp=Z.2.0nm, 0.9s, mb4.2

comp=Z.2.0nm, 0.9s, mb4.2

comp=Z.2.0nm, 0.9s, mb4.2

comp=Z.2.0nm, 0.9s, mb4.2

comp=Z.2.0nm, 0.9s, mb4.2

comp=Z.2.0nm, 0.9s, mb4.2

comp=Z.2.0nm, 0.9s, mb4.2

comp=Z.2.0nm, 0.9s, mb4.2

comp=Z.2.0nm, 0.9s, mb4.2

comp=Z.2.0nm, 0.9s, mb4.2

comp=Z.2.0nm, 0.9s, mb4.2

KSH	Kashi	38.58 336	P	P	21 17 42.6 +0.8	
KSH			AP	pP	21 17 52.4 -3.0	
KSH			XP	sP	21 17 56.3 -5.2	
KSH			PP	PP	21 19 16.0 +5.1	
KSH			PCP	pP	21 19 55.8 +2.3	
KSH			S	S	21 23 36.9 +2.7	
KSH			PcS	PcS	21 23 43.4 +0.6	
KSH			sS	sS	21 23 52.6 -4.4	
KSH			SS	SS	21 26 18.8 -6.8	
KSH			AMB	AMB		
KSH	comp=Z,1µm,0.8s,mb6.6			AMB	AMB	
KSH	comp=Z,4µm,3.0s			LR	LR	
KSH	comp=N,5µm,13.9s,MS5.7			LR	LR	
KSH	comp=E,7µm,15.8s,MS5.7			LR	LR	
KSH				LR	LR	
HHC	Hu-hao-le	38.78 20	eP	P	21 17 44.1 +0.6	
HHC			AP	pP	21 17 52.8 -4.2	
HHC			PP	PP	21 19 17.8 +4.8	
HHC			S	S	21 23 37.1 -0.1	
HHC			SS	SS	21 26 22.8 -6.8	
HHC			AMB	AMB		
HHC	comp=Z,241nm,1.0s,mb5.9			LR	LR	
HHC	comp=N,11µm,19.6s,MS5.8			LR	LR	
HHC	comp=E,4µm,17.2s,MS5.8			LR	LR	
HHC				LR	LR	
WBK	Wadi Bani Khal	39.08 300	P	P	21 17 49.1 +3.1	
WBK	Urnj-13	39.34 352	P	P	21 17 48.3 +0.1	
WMQ	Urnj-13		S	S	21 18 03.1 -4.8	
WMQ			XP	pP	21 19 23.9 +4.7	
WMQ			PP	PP	21 19 46.4	
WMQ			PCP	PcP	21 19 57.0 +1.1	
WMQ			S	S	21 23 46.5 +0.8	
WMQ			XS	XS	21 24 04.1 -4.4	
WMQ			SS	SS	21 26 33.1 -7.8	
WMQ			ScS	ScS	21 27 52.5 +0.5	
WMQ			AMB	AMB		
WMQ	comp=Z,96nm,1.0s,mb5.5			LR	LR	
WMQ	comp=N,2µm,22.0s,MS5.1			LR	LR	
WMQ	comp=E,3µm,27.0s,MS5.1			LR	LR	
WMQ	comp=Z,3µm,28.0s,MS5.0			LR	LR	
JMDO	Jabal Madar	39.75 299	P	P	21 17 53.9 +2.3	
BJT	Baijiatuu	39.84 26	iP	P	21 17 53.7 +1.3	
BJT			e	S	21 23 58.0 +4.8	
BJT			eS	S		
BJT			pmax	pmax		
BJT	comp=Z,644nm,0.8s			MLR	MLR	
BJT	comp=Z,6µm,21.0s	39.84 26	iP	P	21 17 53.7 +1.3	
BJT	comp=Z,644nm,0.8s,mb6.4			ePP	PP	21 19 26.5 +1.9
BJT			eScP	ScP	21 23 43.3 +1.3	
BJT			S	S	21 23 58.0 +4.8	
BJT			LR	LR		
BJI	Beijing	39.87 26	P	P	21 17 53.9 +1.3	
BJI			S	S	21 23 45.8 -7.7	
BJI			AMB	AMB		
BJI	comp=Z,753nm,0.7s,mb6.5			LR	LR	
BJI	comp=N,6µm,20.3s			LR	LR	
BJI	comp=E,4µm,25.6s			LR	LR	
BJI	comp=Z,9µm,25.3s,MS5.5			LR	LR	
BJI	Beijing	39.87 26	P	P	21 17 53.9 +1.3	
BJI	comp=Z,753nm,0.7s,mb6.5			S	S	21 23 45.8 -7.7
BJI			S	S		
BJI			LR	LR		
SMDO	Samad	40.04 300	iP	P	21 17 56.7 +2.7	
BIDO	Bidbid	40.14 301	P	P	21 17 57.7 +2.9	
MSEY	Mahe Island	40.65 257	PFAKE	LR	21 18 10.0 +1.1	
MSEY				LR	LR	
BSY	Bisya	40.66 300	P	P	21 18 01.6 +2.5	
UHHL	Ulahoh	40.83 339	P	P	21 18 01.6 +1.1	
HOQ	Hoqain	40.86 301	P	P	21 18 03.3 +2.5	
KAKA	Kakadu	41.04 116	iP	P	21 18 00.5 -1.7	
KZA	Kyzart	41.05 337	P	P	21 18 03.7 +1.3	
ARQ	Araqi	41.45 300	P	P	21 18 09.1 +3.4	
UCH	Uchtor	41.47 337	P	P	21 18 07.3 +1.5	
AAA	Alma-Ata	41.48 340	iP	P	21 18 07.0 +1.2	
AAA			iS	S	21 24 19.5 +2.0	
AAA			pmax	pmax		
AAA	comp=Z,4µm,2.2s,mb6.6			smax	smax	
AAA	comp=N,6µm,5.6s			P	P	21 18 05.5 -1.2
DL2	Dalian	41.58 32	iP	PP	21 18 05.2 +4.8	
DL2			PP	PP	21 20 19.0	
DL2			S	S	21 24 21.3 +2.2	
DL2			SS	SS	21 27 25.3 -0.2	
DL2			AMB	AMB		
DL2	comp=Z,410nm,0.7s,mb6.2			AMB	AMB	
DL2	comp=Z,460nm,6.3s			LR	LR	
DL2	comp=N,3µm,16.9s,MS5.3			LR	LR	
DL2	comp=E,2µm,16.5s,MS5.3			LR	LR	
DL2				LR	LR	
TKM2	Tokmak 2	41.65 338	P	P	21 18 08.3 +1.1	
KBK	Karagaybulak	41.66 338	P	P	21 18 09.1 +1.7	
AML	Almayashu	41.71 336	P	P	21 18 09.3 +1.6	
MUN	Mundaring	41.80 153	eP	pP	21 18 08.1 -0.4	
MUN			e	pP	21 18 24.8 +2.6	
AAK	Ala-Archa	41.82 337	P	P	21 18 09.9 +1.3	
FRU	Bishkek	41.94 337	eP	P	21 18 10.0 +0.4	
FRU			eS	pP	21 18 22.0 -1.3	
FRU			eS	S	21 24 27.5 +3.1	
FRU	comp=Z,1µm,2.0s,mb6.2			pmax	pmax	
FRU	comp=Z,2µm,3.8s			pmax	pmax	
FRU	comp=N,3µm,11.0s			MLR	MLR	
FRU	comp=N,3µm,18.0s			MLR	MLR	
CHMS	Chumysh	42.03 338	P	P	21 18 11.3 +0.9	
EKS2	Erkin-Say	42.12 336	P	P	21 18 12.6 +1.5	
KLBR	Kellerberrin	42.21 151	eP	P	21 18 10.6 -1.2	
HATD	Hatta, Dubai	42.31 302	P	P	21 18 15.6 +3.0	
ASHO	Ashiyah	42.32 302	P	P	21 18 16.3 +3.6	
USP	Ospenovka	42.36 338	P	P	21 18 13.9 +0.9	
WHFO	Wadi Hawf	42.39 291	P	P	21 18 15.4 +2.1	
BANOM	Banah	42.58 304	iP	P	21 18 17.6 +2.8	
ABTO	Aybut	42.71 290	iP	P	21 18 19.2 +3.3	
NWAO	Narrogin (SRO)	43.07 152	P	P	21 18 17.4 -1.4	
NWAO			LR	LR	21 26 52.0	

NWAO	Narrogin (SRO)	43.07 152	eP	P	21 18 18.0 -0.8	
NWAO			e	pP	21 18 29.3 -3.2	
NWAO			e	P	21 19 58.4	
NWAO			e	P	21 20 08.1	
NWAO	comp=Z,59nm,1.0s		pmax	pmax		
NWAO	comp=Z,3µm,19.0s		MLR	MLR		
NWAO	Narrogin (SRO)	43.07 152	eP	P	21 18 18.0 -0.8	
NWAO	comp=Z,59nm,1.0s,mb5.3			ePP	pP	21 18 29.3 -3.2
NWAO				ePP	PP	21 19 58.4 -1.1
NWAO				ePcP	PP	21 20 08.1 +0.1
NWAO			LR	LR		
NWAO	comp=Z,3µm,19.0s,MS5.2			LR	LR	
MKAR	Makanchi Array	43.21 347	P	P	21 18 19.6 -0.4	
MKAR	comp=Z,392nm,0.7s,mb6.2,baz=164,slow=7.5,SNR=599			S	S	21 24 45.0 +1.9
MKAR	comp=Z,1.7nm,0.8s,baz=184,slow=9.8,SNR=2			LR	LR	21 39 42.0
MKAR	comp=Z,2µm,20.2s,MS4.9,baz=158,slow=41			P	P	21 18 19.6 -0.3
MKAR	Makanchi Array	43.21 347	P	P	21 24 45.0 +2.0	
MKAR			S	S	21 18 20.8 -0.8	
INCN	Inchon	43.42 371	eP	P		
INCN				LR	LR	
INCN	comp=Z,7µm,19.0s,MS5.6			LR	LR	
JNU	Nakatsue	43.63 45	P	P	21 18 23.9 +0.6	
JNU	comp=Z,92nm,0.9s,mb5.2,baz=208,slow=20,SNR=18			P	P	21 18 24.7 -0.8
SOMN	Songino Array	43.91 11	P	P	21 20 11.0 +0.1	
SOMN	comp=Z,72nm,0.8s,mb5.5,baz=194,slow=9.3,SNR=176			PcP	PcP	21 20 11.0 +0.1
SOMN	comp=Z,5.0nm,1.0s,baz=197,slow=4.4,SNR=5.4			ScP	ScP	21 23 58.8 +0.6
SOMN	comp=Z,4µm,18.3s,MS5.4,baz=193,slow=40			LR	LR	21 39 18.8
SOMN	Songino Array	43.91 11	P	P	21 18 24.7 -0.8	
SOMN				P	P	21 20 11.0
SOMN				P	P	21 18 27.4 -0.4
KSRS	Korea Array	44.19 38	P	P	21 20 11.8 -0.1	
KSRS	comp=Z,86nm,0.8s,mb5.5,baz=223,slow=8.5,SNR=109			PcP	PcP	21 20 11.8 -0.1
KSRS	comp=Z,6.9nm,0.7s,baz=230,slow=3.8,SNR=4.4			ScP	ScP	21 23 59.4 +0.1
KSRS	comp=Z,8.6nm,1.1s,baz=230,slow=5.4,SNR=8.6			ScP	ScP	21 40 50.6
KSRS	comp=Z,3µm,18.4s,MS5.2,baz=217,slow=41			P	P	21 18 31.4 -0.8
SNY	Shenyang	44.74 30	iP	P	21 25 04.6 -0.7	
SNY			S	S	21 25 26.4 -2.1	
SNY			XS	XS		
SNY			AMB	AMB		
SNY	comp=Z,83nm,0.6s,mb5.7			AMB	AMB	
SNY	comp=Z,710nm,3.5s			LR	LR	
SNY	comp=N,5µm,17.4s			LR	LR	
SNY	comp=Z,5µm,20.4s,MS5.4			P	P	21 18 40.3 -0.3
WRA	Warrungua Arr	45.80 124	P	P	21 24 05.0 -1.0	
WRA	comp=Z,135nm,0.7s,mb6.0,baz=302,slow=9.1,SNR=368			S	S	21 25 17.2 -3.5
WRA	comp=Z,7.0nm,1.0s,baz=308,slow=3.8,SNR=7.4			LR	LR	21 38 49.8
WRA	comp=Z,11nm,1.2s,baz=294,slow=16,SNR=10			P	P	21 18 40.3 -0.3
WRA	comp=Z,2µm,21.3s,MS5.1,baz=275,slow=37			S	S	21 25 17.2 -3.5
WRA	Warrungua Arr	45.80 124	P	P	21 18 40.3 -0.3	
WRA			S	S	21 25 17.2 -3.5	
WRA			S	S	21 18 40.4 -0.3	
WRA			eS	S	21 25 18.4 -2.4	
ZAK	Zakamensk	45.89 7	iP	P	21 18 40.3 -1.0	
ZAK			e	P	21 20 17.5	
ZAK			e	P	21 20 33.2	
CN2	Changchun	47.12 30	iP	P	21 18 50.8 -0.2	
CN2			eS	S	21 25 41.8 +2.3	
CN2	comp=Z,170nm,0.7s,mb6.1			AMB	AMB	
CN2	comp=Z,200nm,5.0s			LR	LR	
CN2	comp=N,4µm,18.0s,MS5.6			LR	LR	
CN2	comp=E,4µm,18.0s,MS5.6			LR	LR	
CN2	comp=Z,6µm,19.0s,MS5.6			P	P	21 18 50.8 -0.9
TLY	Talaya	47.21 7	iP	P	21 18 51.2 -0.4	
TLY	Talaya	47.21 7	iP	P	21 18 51.3 -0.3	
TLY			P	P	21 18 52.0 -0.5	
TLY			P	P	21 24 12.7 +0.4	
TLY			ScP	ScP	21 25 39.5 -2.7	
TLY			P	P	21 18 53.1 -0.3	
TLY			P	P	21 18 56.0 +0.3	
TLY			P	P	21 18 55.7 0.0	
TLY			eS	S	21 20 26.4	
TLY			pmax	pmax	21 25 48.9 +0.6	
TLY	comp=Z,290nm,0.8s,mb6.4			MLR	MLR	
TLY	comp=Z,426nm,19.0s,MS4.4			P	P	21 18 55.7 -0.1
TLY	Kurchatov	47.74 346	iP	P	21 20 26.4 +2.1	
TLY	comp=Z,290nm,0.8s,mb6.4			ScP	ScP	21 24 19.8 +5.7
TLY			eS	S	21 25 48.9 +0.6	
TLY			LR	LR		
IRK	Irkutsk	47.84 8	eP	P	21 18 55.1 -1.4	
IRK			e	P	21 21 35.0	
IRK			pmax	pmax		
HIA	Hailar	48.95 21	iP	P	21 19 04.8 -0.3	
HIA			e	P	21 20 28.6	
HIA			eS	S	21 20 58.0	
HIA			pmax	pmax	21 26 05.8 +0.4	
HIA	comp=Z,124nm,0.7s			MLR	MLR	
HIA	comp=Z,18µm,19.0s			P	P	21 19 04.8 -0.3
HIA	comp=Z,124nm,0.7s,mb6.0			ePcP	PcP	21 20 28.6 0.0
HIA			ePP	PP	21 20 58.0 -0.9	
HIA			eS	S	21 26 05.8 +0.4	
HIA			LR	LR		
CIT	Chita	49.45 15	eP	P	21 19 07.7 -1.2	
CIT			e	P	21 19 26.6	
CIT			pmax	pmax	21 20 37.0	
ZAL	Zalesovo	49.64 352	P	P	21 19 09.6 -0.7	
ZAL	comp=Z,85nm,0.6s,mb6.0,baz=304,slow=5.6,SNR=277			S	S	21 26 12.9 -2.1
ZAL	comp=Z,1.5nm,0.6s,baz=176,slow=23,SNR=2			P	P	21 19 09.6 -0.7
ZAL	Zalesovo	49.64 352	P	P	21 19 12.8 +1.1	
ZAL			S	S	21 19 21.8 -3.9	
ZAL			AP	pP	21 19 26.3 -5.4	
ZAL			XP	sP	21 20 32.9 +1.1	
ZAL			PCP	PcP	21 21 06.3 -0.4	
ZAL			PP	PP	21 24 31.0 +2.4	
ZAL			PCS	PcS	21 26 16.3 -1.3	

KIS	comp=N,500nm,20.0s,MS4.9	MLR	MLR						
KIS	comp=E,300nm,16.0s,MS4.9	MLR	MLR						
KIS	comp=Z,600nm,20.0s	MLR	MLR						
KIS	Kishinev 70.36 318 i P	P	P	21 21 31.0 -1.4					
KIS	comp=Z,400nm,2.0s,mb5.0								
KIS	Kishinev 70.36 318 ePcP	PcP	PcP	21 21 47.0 -6.6					
KIS	Kishinev 70.36 318 ePP	PP	PP	21 24 14.0 +5.4					
LPK	Lapseki 70.38 314 i P	P	P	21 23 32.4 -0.1					
CFR	Carcaliu 70.38 316 P	P	P	21 21 39.7 +7.2					
HARR	Harsova 70.42 316 P	P	P	21 21 39.3 +6.6					
PET	Petrovavlovsk 70.44 35 eP			21 21 31.2 -1.7					
PET	comp=Z,189nm,0.8s,mb6.1	pmax	pmax						
PET	comp=Z,3um,20.0s,MS5.5	MLR	MLR						
PET	Petrovavlovsk 70.44 35 i P	P	P	21 21 32.5 -0.4					
NPS	Neapolis 70.45 306 eP	P	P	21 21 35.0 +2.1					
PRD	Provadia 70.47 314 i P	P	P	21 21 32.1 -0.9					
PRK	Paraskevi 70.55 310 eP	P	P	21 21 33.5 0.0					
EZN	Ezine 70.61 310 eP	P	P	21 21 32.8 -1.0					
EDBR	Edirne 70.67 313 eP	P	P	21 21 33.4 -0.9					
THR1	Thira Island 70.73 307 eP	P	P	21 21 33.8 -0.8					
SANT	Santorini 70.73 307 eP	P	P	21 21 33.8 -0.8					
SANT	comp=Z,4um,0.4s								
APE	Apeiranthos 70.78 307 eP	P	P	21 21 49.2 0.0					
APE	Apeiranthos 70.78 307 eP	P	P	21 21 34.0 +0.9					
THR6	Thira Island 70.78 307 eP	P	P	21 21 33.5 -1.4					
THR3	Thira Island 70.78 307 eP	P	P	21 21 47.5 -0.7					
ENEZ	Enez 70.90 311 eP	P	P	21 21 34.1 -0.8					
JMB	Yambol 70.91 313 eP	P	P	21 21 34.8 +0.9					
JMB	Yambol 70.91 313 eP	P	P	21 21 35.5 -0.2					
AN	Alexandroupoli 70.91 313 eP	P	P	21 21 35.2 -0.5					
SIVA	Sivas 71.07 305 eP	P	P	21 21 36.5 -0.3					
AKASG	Malin Array Be 71.08 322 P	P	P	21 21 35.2 -1.5					
AKASG	comp=Z,0.2nm,0.6s,mb5.7,baz=88,slow=5.2,SNR=194	S	S	21 30 44.4 -4.8					
AKASG	Malin Array Be 71.08 322 i P	P	P	21 21 35.2 -1.5					
AKASG	comp=Z,57nm,0.6s	pmax	pmax						
AKBB	Malin Array Si 71.08 322 i P	P	P	21 21 35.2 -1.5					
AKBB	AKBB 71.08 322 eP	P	P	21 21 35.2 -1.5					
AKBB	AKBB 71.08 322 eP	P	P	21 21 35.2 -1.5					
AKBB	AKBB 71.08 322 eP	P	P	21 21 35.2 -1.5					
AKBB	AKBB 71.08 322 eP	P	P	21 21 35.2 -1.5					
AKBB	AKBB 71.08 322 eP	P	P	21 21 35.2 -1.5					
AKBB	AKBB 71.08 322 eP	P	P	21 21 35.2 -1.5					
AKBB	AKBB 71.08 322 eP	P	P	21 21 35.2 -1.5					
KIEV	Kiev 71.08 322 i P	P	P	21 21 35.1 -1.7					
KIEV	Kiev 71.08 322 eP	P	P	21 21 47.5 -3.9					
KIEV	Kiev 71.08 322 eP	P	P	21 21 56.9					
KIEV	comp=Z,1um,3.2s	pmax	pmax						
KIEV	comp=Z,993nm,22.0s,MS5.0	MLR	MLR						
KIEV	Kiev 71.08 322 i P	P	P	21 21 35.0 -1.7					
KIEV	comp=Z,1um,3.2s	p	p	21 21 47.5 -3.9					
KIEV	comp=Z,993nm,22.0s,MS5.0	ePcP	PcP	21 21 56.9 +0.2					
IAS	asi 71.24 318 i P	P	P	21 21 37.5 -0.2					
MIR	Mirnyy 71.25 181 d i P	P	P	21 21 48.0 +1.0					
MIR	comp=Z,250nm,1.0s,mb6.1	pmax	pmax						
SEY	Seymchan 71.28 241 eP	P	P	21 21 38.8 +0.9					
RDO	Rodhopti 71.30 312 eP	P	P	21 21 47.5 +0.1					
VRI	Vrionciaia 71.50 317 i P	P	P	21 21 40.2 +0.9					
SZH	Strazhica 71.53 314 i P	P	P	21 21 39.7 +0.3					
KDZ	Kurdzhali 71.61 312 i P	P	P	21 21 38.6 -1.3					
GVD	Gavdhos 71.64 305 eP	P	P	21 21 37.1 -3.0					
GVD	Gavdhos 71.64 305 eP	P	P	21 21 40.0 -1.0					
BUC1	Bucharest 71.67 315 i P	P	P	21 21 42.0 +1.7					
BUC1	Bucharest 71.67 315 i P	P	P	21 21 41.0 +0.7					
KARN	Karanos 71.84 306 eP	P	P	21 21 41.3 -0.1					
CASY	Casey 71.85 173 P	P	P	21 21 54.0 -2.0					
CASY	comp=Z,4um,20.0s,MS5.6	LR	LR						
PVL	Pavlenki 71.95 314 i P	P	P	21 21 41.9 -0.1					
MLR	Muntele Rosu 71.96 316 P	P	P	21 21 42.9 +0.9					
MLR	Muntele Rosu 71.96 316 i P	P	P	21 21 42.4 +0.4					
MLR	Muntele Rosu 71.96 316 i P	P	P	21 21 42.8 +0.5					
ZIMR	Zimri 72.01 314 i P	P	P	21 21 42.5 +0.2					
ZIMR	Zimri 72.01 314 i P	P	P	21 21 42.5 +0.2					
RZN	Rozen 72.13 312 i P	P	P	21 21 42.1 -1.0					
Penteli	Penteli 72.23 308 eP	P	P	21 21 42.5 -1.1					
KVR	Kavouri 72.27 308 eP	P	P	21 21 42.5 -1.1					
ATH	Athens Observa 72.37 311 eP	P	P	21 21 45.5 +1.2					
OUR	Ouranopolis 72.47 311 eP	P	P	21 21 44.1 -0.9					
NAIG	Nisos Agina 72.48 308 eP	P	P	21 21 43.5 -1.7					
MTUR	Matau 72.52 316 i P	P	P	21 21 45.4 0.0					
VOIR	Voiron 72.57 316 i P	P	P	21 21 45.2 -0.5					
PAIG	Pailouri 72.57 310 eP	P	P	21 21 45.5 -0.7					
KYTH	Kithira 72.66 306 eP	P	P	21 21 45.5 -0.7					
PGB	Panagyurishte 72.68 313 i P	P	P	21 21 45.5 -0.8					
VLI	Velia 72.79 307 eP	P	P	21 21 47.0 0.0					
MMB	Musomiste 72.85 312 i P	P	P	21 21 46.0 -1.3					
SRS	Serral 72.88 311 eP	P	P	21 21 46.4 -1.1					
PLG	Polygyros 72.89 311 eP	P	P	21 21 46.5 -1.0					
PLG	Polygyros 72.89 311 eP	P	P	21 21 47.0 -0.5					
BURAR	Bucovina Array 72.89 318 P	P	P	21 21 48.4 +0.9					
BURAR	Bucovina Array 72.89 318 i P	P	P	21 21 48.2 +0.7					
BURAR	Bucovina Array 72.89 318 i P	P	P	21 21 48.2 +0.7					
MNK	Minsk 72.94 326 i P	P	P	21 21 44.0 -3.9					
MNK	MNK 72.94 326 eP	P	P	21 21 53.0 -4.5					
MNK	MNK 72.94 326 eP	P	P	21 31 04.0 -6.6					
SOH	Sokhos 73.01 311 eP	P	P	21 21 47.2 -1.1					
HORT	Horiatitsa 73.17 311 eP	P	P	21 21 47.8 -1.1					
CRAR	CRAIOVA 73.24 315 P	P	P	21 21 50.0 +0.4					
KKB	Krupnik 73.37 312 i P	P	P	21 21 49.3 -1.1					
VTS	Vitosha 73.39 313 i P	P	P	21 21 50.0 -0.5					
KNT	Kendrikon 73.40 311 eP	P	P	21 21 49.2 -1.4					
AGG	Agios Georgios 73.52 311 eP	P	P	21 21 49.5 -2.0					
LIT	Litokhoron 73.59 310 eP	P	P	21 21 51.8 -1.8					
LBTB	Lobatse 73.63 242 i P	P	P	21 21 53.7 +1.7					
LBTB	LBTB 73.63 242 eP	P	P	21 22 09.9 +3.2					
LBTB	comp=Z,69nm,1.1s,mb5.5	pmax	pmax						
LBTB	comp=Z,69nm,1.1s,mb5.5	MLR	MLR						
LBTB	Lobatse 73.63 242 i P	P	P	21 21 53.7 +1.7					
LBTB	comp=Z,69nm,1.1s,mb5.5	e	LR	21 22 09.9 +3.2					
ITM	Ithomi 73.65 307 eP	P	P	21 21 51.0 -1.0					
VAY	Valandovo 73.67 312 eP	P	P	21 21 50.3 -1.9					
VAY	Valandovo 73.67 312 eP	P	P	21 21 50.1 -2.0					
VAY	Valandovo 73.67 312 eP	P	P	21 21 53.9 -0.6					
IDID	Didziasalis 73.77 326 eP	P	P	21 21 52.2 -0.5					
IDID	IDID 73.77 326 eP	Amb	Amb	21 21 54.9					
IDID	comp=Z,2um,0.3s								
IVR	Evrytania 73.94 309 eP	P	P	21 22 03.3 -4.2					
JOF	Joensuu 73.95 335 eP	P	P	21 21 52.6 -1.2					
JOF	comp=Z,160nm,0.7s,mb6.1								
STIP	Stip 74.01 312 eP	P	P	21 21 52.0 -2.1					
STIP	Stip 74.01 312 eP	P	P	21 21 52.0 -2.1					
IGNN	Ignalina 74.07 326 eP	P	P	21 21 53.7 -0.6					
LVV	L'vov 74.10 320 i P	P	P	21 21 53.7 -1.0					
LVV	L'vov 74.10 320 eP	P	P	21 22 05.6 -3.8					
LVV	L'vov 74.10 320 eP	P	P	21 24 47.6					
LVV	L'vov 74.10 320 eP	P	P	21 31 19.8 -3.9					
GZR	Gura Zlata 74.14 316 P	P	P	21 21 55.2 +0.3					
GZR	Gura Zlata 74.14 316 i P	P	P	21 21 54.6 -0.3					
GZR	Gura Zlata 74.14 316 i P	P	P	21 21 54.6 -0.3					
IZAR	Zarasai 74.16 327 eP	P	P	21 21 54.5 -0.5					
IZAR	comp=Z,2um,0.7s	Amb	Amb	21 21 57.1					
DRGR	Dravica 74.41 317 i P	P	P	21 21 57.2 +0.7					
BARs	Barje 74.43 313 i P	P	P	21 21 58.6 +2.0					
FNA	Florina 74.50 311 eP	P	P	21 21 55.2 -1.7					
BIA	Bitola 74.56 311 eP	P	P	21 21 55.0 -2.4					
BIA	Bitola 74.56 311 eP	P	P	21 21 55.0 -2.4					

SKO	Kopje 74.60 312 eP	P	P	21 21 56.2 -1.4					
SKO	Kopje 74.60 312 eP	P	P	21 21 56.2 -1.4					
KRUS	Krujevo 74.66 311 eP	P	P	21 21 56.7 -1.2					
KRUS	Krujevo 74.66 311 eP	P	P	21 21 56.7 -1.2					
LVZ	Lovozero 74.69 340 P	P	P	21 21 57.9 -0.2					
LVZ	comp=Z,2um,0.7s								
LVZ	Lovozero 74.69 340 i P	P	P	21 21 57.0 -1.1					
LVZ	Lovozero 74.69 340 eP	P	P	21 21 57.4 -5.3					
LVZ	comp=E,27nm,0.6s	pmax	pmax						
LVZ	comp=Z,195nm,0.6s,mb6.2	pmax	pmax						
LVZ	comp=N,18nm,0.7s	MLR	MLR						
LVZ	comp=Z,2um,22.0s,MS5.4	MLR	MLR						
LVZ	comp=N,1um,21.0s,MS5.4	MLR	MLR						
LVZ	comp=E,2um,24.0s,MS5.4	MLR	MLR						
LVZ	Lovozero 74.69 340 eP	P	P	21 21 57.1 -1.0					
DZM	Mont Dzumac 74.71 114 eP	P	P	21 21 59.1 +0.9					
DZM	Mont Dzumac 74.71 114 P	P	P	21 21 59.0 +0.8					
JAN	Janina 74.75 310 eP	P	P	21 21 58.0 -0.5					
JAN	comp=E,23nm,1.1s,mb5.0,baz=264,slow=7.1,SNR=10.0								
BOS	Bosof 74.79 239 P	P	P	21 21 58.7 +1.0					
BOS	comp=E,18nm,1.0s,mb5.0								

Table with columns for race ID, name, time, distance, surface, and other details. Includes entries like WRAK Wrangel Islan, YKA Yellowknife Ar, YKA Yellowknife Ar, etc.

Table with columns for race ID, name, time, distance, surface, and other details. Includes entries like C13A Hot Springs, G08A Pilot Rock, C14A Swan Lake, etc.

Table with columns for race ID, name, time, distance, surface, and other details. Includes entries like ULM Lac du Bonnet, MNRC McLaughlin Nat, BOZ Bozeman (W), etc.

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Table with columns: DL2, Dalian, 43.04, 25, P, S, P, 21 47 15.8 +1.0, 21 53 41.3 +2.9, CTAO Charters Tower, 49.92 117, eP, P, 21 48 09.4 +0.6, etc.

2006 DEC

Table with columns: CTAO Charters Tower, 49.92 117, eP, P, 21 48 09.4 +0.6, MAJO Matushiro, 50.41 40, eP, P, 21 48 09.8 -2.6, etc.

17d 21h

Table with columns: TAU Tasmania Univ, 60.73 142, eP, P, 21 49 26.4 -0.1, AKTK Aktyubinsk, 60.98 331, P, S, P, 21 49 27.0 -1.3, etc.

17d 21h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ANN Anapa, AVNT Avonos, CSS Isikil, etc.

2006 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like BLCB Balcova, TIRR Tirguroz, RYK Sarkoy-Tekirda, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like TSUM Moravsky Berou, OJC Ojcov, KEV Kevo, etc.

CLL	comp-Z,41nm,1.2s,mb5.5	Colim	87.51 321	i/P	P	21 52 02.4	-0.3
CLL				eS	P	22 02 39.0	-2.7
CLL	comp-Z,24nm,1.2s,mb5.3			pmx			
CLL				MLR	MLR		
CLL	comp-Z,2um,17.4s,MSS.5	Colim	87.51 321	i/P	P	21 52 02.4	-0.3
CLL	comp-Z,24nm,1.2s,mb5.3			i		21 52 04.4	
CLL				eS	S	22 02 39.0	-2.7
CLL				LR	LR		
CLL	comp-Z,2um,17.4s,MSS.5	Colim	87.51 321	i/P	P	21 52 02.4	-0.3
CLL	comp-Z,24nm,1.2s,mb5.3			i		21 52 04.4	
CLL	comp-Z,42nm,1.2s			eS	S	22 02 39.0	-2.7
CLL				eSS		22 08 18.0	
CLL				eSSS		22 12 00.0	
CLL				eSSSS		22 15 18.0	
NKC	Novy Kostel	87.83 320	eP	P	AMS	21 52 04.7	+0.5
NKC				AMS		22 37 50.0	
ROTZ	comp-Z,3um,18.1s	Rotzele	87.97 320	eP	P	21 52 05.7	+0.8
CRE	Caprese Michel	88.02 313	P	P		21 52 07.1	+2.0
CRE				pmx	pmx		
CRE	comp-Z,26nm,1.0s,mb5.4	Caprese Michel	88.02 313	P	P	21 52 07.1	+2.0
MANZ	comp-Z,26nm,1.0s,mb5.4	Manzberg	88.04 320	P	P	21 52 06.2	+1.0
SFI	Santa Sofia	88.10 314	P	P	pmx	21 52 06.7	+1.2
SFI				pmx			
SFI	comp-Z,104nm,1.3s,mb5.9	Santa Sofia	88.10 314	P	P	21 52 06.7	+1.2
CTI	Castel Tesino	88.37 316	P	P		21 52 06.8	+0.5
WTTA	Wattenberg	88.30 317	i/P	P		21 52 06.2	-0.2
WTTA	comp-Z,15nm,1.1s,mb5.3,SNR=8.4			pmx	pmx		
WTTA	Wattenberg	88.30 317	i/P	P	pmx	21 52 06.2	-0.2
MOX	comp-Z,32nm,1.1s,mb5.5	Moxa	88.37 320	eP	P	21 52 07.2	+0.4
MOX	comp-Z,50nm,1.3s,mb5.9	Moxa	88.37 320	eP	P	21 52 07.0	+0.2
MOX	comp-Z,45nm,1.3s,mb5.5						
MOX	comp-Z,1um,22.0s	Moxa	88.37 320	eP	P	21 52 07.0	+0.2
MOX				pmx	pmx		
MOX	comp-Z,45nm,1.3s,mb5.5			MLR	MLR		
MOX	comp-Z,1um,22.0s,MSS.3	Scarpéria	88.45 314	P	P	21 52 08.5	+1.3
SEI	comp-Z,49nm,0.8s,mb5.8	Furstenfeldbru	88.56 318	eP	P	21 52 07.5	-0.1
FUR	Furstenfeldbru	88.56 318	eP	P		21 52 07.5	-0.1
FUR	comp-Z,33nm,1.2s,mb5.5			pmx	pmx		
FUR	Furstenfeldbru	88.56 318	eP	P		21 52 07.5	-0.1
SQTA	comp-Z,33nm,1.2s,mb5.5	Sankt Quirin	88.59 317	i/P	P	21 52 07.4	-0.4
SQTA	comp-Z,15nm,1.0s,mb5.3	Sankt Quirin	88.59 317	i/P	P	21 52 07.4	-0.4
SQTA				pmx	pmx		
GRA1	comp-Z,15nm,1.0s,mb5.3	Grafenberg Arr	88.61 320	eP	P	21 52 08.7	+0.8
GRA1	comp-Z,71nm,1.2s,mb5.9			LR	LR		
GRA1	comp-Z,2um,18.8s,MSS.7						
GRF	comp-Z,71nm,1.2s,mb5.9	Grafenberg Arr	88.61 320	eP	P	21 52 08.7	+0.8
GRF				eL		22 38 35.6	
GRF	comp-Z,2um,18.8s	Grafenberg Arr	88.61 320	eP	P	21 52 08.7	+0.8
GRF				pmx	pmx		
GRF	comp-Z,71nm,1.2s,mb5.9			MLR	MLR		
GRF	comp-Z,2um,18.8s,MSS.7	Grafenberg Arr	88.61 320	eP	P	21 52 08.7	+0.8
GRF				pmx	pmx		
GRF	comp-Z,71nm,1.2s,mb5.9			MLR	MLR		
AFI	comp-Z,2um,18.8s,MSS.7	Afiamaul	88.62 104	P	MLR	21 52 06.0	-2.0
AFI				MLR			
FNDV	comp-Z,2um,20.0s,MSS.5	Fontana Vidola	88.62 314	P	P	21 52 09.8	+1.8
MOTA	Moosalm	88.66 317	i/P	P		21 52 07.7	-0.4
MOTA	comp-Z,31nm,1.1s,mb5.5,SNR=20			pmx	pmx		
MOTA	Moosalm	88.66 317	i/P	P		21 52 07.7	-0.5
NB2	comp-Z,31nm,1.1s,mb5.5	NORSAR Subaru	88.78 331	P	P	21 52 07.8	-0.9
NB2	comp-Z,30nm,1.2s,mb5.9,baz=92,slow=5.3					21 52 07.0	-1.6
NOA	NORSAR Array B	88.78 331	P	P		22 35 45.4	
NOA	comp-Z,11nm,1.1s,mb5.1,baz=94,slow=4.6,SNR=9.1			LR	LR		
NAO01	comp-Z,2um,21.1s,MSS.6,baz=90,slow=38	NORSAR Array S	88.94 331	eP	P	21 52 09.1	-0.3
KBS	comp-Z,15nm,0.9s,mb5.9	Kingsbay	88.99 349	PFAKE	LR	21 52 20.0	+1.0
GSCI	comp-Z,5um,21.0s,MSS.9	Gusciola	89.01 314	P	P	21 52 11.5	+1.7
MABI	Malga Bissina	89.06 316	P	P		21 52 10.6	+0.6
BRMO	Bormio	89.16 316	P	P		21 52 11.1	+0.6
CLZ	Clausthal	89.16 322	eP	P		21 52 11.1	+0.6
CLZ	comp-Z,92nm,1.2s,mb6.0			pmx	pmx		
BSEG	Bad Segeberg	89.20 324	eP	P		21 52 11.3	+0.6
DAVE	comp-Z,32nm,1.1s,mb5.8	Damuels	89.50 317	P	P	21 52 12.6	+0.6
KONO	comp-Z,56nm,1.1s,mb5.8,SNR=20	Kongsberg	89.58 329	eP	P	21 52 12.8	+0.4
KONO	comp-Z,18nm,0.9s,mb5.4			MLR	MLR		
KONO	comp-Z,3um,20.0s,MSS.7	Kongsberg	89.58 329	eP	P	21 52 12.8	+0.4
KONO	comp-Z,19nm,0.9s,mb5.4			LR	LR		
KONO	comp-Z,3um,20.0s,MSS.7						
MUD	Monsted U grnd	89.84 326	i/P	P		21 52 15.2	+1.5
MUD	comp-Z,24nm,1.0s,mb5.9					21 52 15.2	+1.5
MUD	Monsted U grnd	89.84 326	i/P	P	pmx	21 52 15.2	+1.5
NVL	comp-Z,24nm,1.0s,mb5.5	N'azarevskaya	89.90 199	d/P	P	21 52 16.9	+3.0
NVL				pmx	pmx		
STU	Stuttgart	89.94 319	eP	P		21 52 14.4	+0.3
STU	Stuttgart	89.94 319	eP	P		21 52 14.0	-0.1
STU				pmx	pmx		
STU	comp-Z,11nm,0.7s,mb5.3	Stuttgart	89.94 319	eP	P	21 52 13.9	-0.2
KEST	comp-Z,11nm,0.7s,mb5.3	Kesra	90.01 306	P	P	21 52 16.1	+1.6
KEST	comp-Z,16nm,1.0s,mb5.3,baz=193,slow=0.3,SNR=20			LR	LR	22 36 04.5	
PGF	comp-Z,92nm,19.2s,MSS.2,baz=157,slow=38	Pioggiola	90.18 312	i/P	P	21 52 15.5	+0.3
PGF	comp-Z,107nm,1.4s,mb5.7			pmx	pmx	21 52 15.5	+0.3
PGF	Pioggiola	90.18 312	i/P	P		21 52 15.5	+0.3
PGF	comp-Z,53nm,1.4s,mb5.7			pmx	pmx		
PGF	Pioggiola	90.18 312	i/P	P		21 52 15.5	+0.3
TOD	comp-Z,54nm,1.4s,mb5.9	Troms	90.18 319	eP	P	21 52 15.9	+0.6
TNA	Tin City	90.40 25	PFAKE	LR	LR	21 52 30.0	+1.4
TNS	comp-Z,2um,19.0s,MSS.6	Tanus Mts	90.40 320	eP	P	21 52 16.9	+0.6
TNS	comp-Z,53nm,1.0s,mb5.9			pmx	pmx		
TNS	Tanus Mts	90.40 320	eP	P		21 52 16.9	+0.6
BFO	comp-Z,63nm,1.0s,mb5.9	Black Forest	90.52 318	eP	P	21 52 17.0	-0.1
BFO	comp-Z,24nm,1.0s,mb5.9			pmx	pmx		
BFO	Black Forest	90.52 318	eP	P		21 52 17.1	+0.2
QSPA	comp-Z,30nm,1.0s,mb5.6	South Pole Qui	90.56 180	PFAKE	LR	21 52 30.0	+1.3
QSPA				LR	LR		
FIN	comp-Z,3um,20.0s,MSS.7	Finale Ligure	90.72 314	P	P	21 52 18.0	+0.2
FIN				pmx	pmx		
FIN	comp-Z,97nm,1.0s,mb6.1	Finale Ligure	90.72 314	P	P	21 52 18.0	+0.2
FIN	comp-Z,96nm,1.0s,mb6.1						
FELD	Feldberg im Sc	90.75 318	eP	P		21 52 17.9	0.0
IBBN	Ibbenburen	90.77 322	eP	P		21 52 19.2	+1.2
LANF	Langenberg	90.85 319	eP	P		21 52 18.7	+0.3
BBS	Basel-Blauen	91.10 317	eP	P		21 52 19.5	-0.1
BUG	Bochum-Univers	91.11 321	eP	P		21 52 19.9	+0.3
CDF	Champ du Feu	91.22 318	i/P	P		21 52 20.0	-0.1
CDF	comp-Z,59nm,1.1s,mb5.5						
CDF	Champ du Feu	91.22 318	i/P	P		21 52 20.0	-0.1
CDF				pmx	pmx		
CDF	comp-Z,30nm,1.1s,mb5.5					21 52 20.0	-0.1
CDF	Champ du Feu	91.22 318	i/P	P		21 52 20.0	-0.1
CDF	comp-Z,30nm,1.1s,mb5.5						
SBF	Sospel	91.28 314	i/P	P		21 52 20.7	+0.3
SBF	comp-Z,136nm,1.1s,mb5.9						
SBF	Sospel	91.28 314	i/P	P		21 52 20.7	+0.3
SBF				pmx	pmx		
SBF	comp-Z,68nm,1.1s,mb5.9						
SBF	Sospel	91.28 314	i/P	P		21 52 20.7	+0.3
SBF	comp-Z,68nm,1.1s,mb5.9						
ECH	Echery	91.31 318	eP	P		21 52 21.1	+0.6
TOUF	Mont Tournerai	91.42 314	eP	P		21 52 22.2	+1.2
IMVIF	Mont Vial	91.49 314	eP	P		21 52 22.4	+1.1
LOMF	Lomont	91.57 317	eP	P		21 52 21.5	-0.2
UNV	Unslaaka Valle	91.70 36	PFAKE	LR	LR	21 52 30.0	+7.7
LPG	comp-Z,5um,20.0s,MSS.9	La Plagne	91.71 315	i/P	P	21 52 22.9	+0.5
LPG	comp-Z,74nm,0.9s,mb5.7						
LPG	La Plagne	91.71 315	i/P	P		21 52 22.9	+0.5
LPG				pmx	pmx		
LPG	comp-Z,37nm,0.9s,mb5.7						
LPG	La Plagne	91.71 315	i/P	P		21 52 22.9	+0.5
OG01	Vachresse	91.72 316	eP	P		21 52 22.8	+0.4
LPL	La Plagne	91.72 315	i/P	P		21 52 22.9	+0.5
LPL	comp-Z,117nm,1.0s,mb5.9						
LPL	La Plagne	91.72 315	i/P	P		21 52 22.9	+0.5
LPL				pmx	pmx		
LPL	comp-Z,59nm,1.0s,mb5.9						
LPL	La Plagne	91.72 315	i/P	P		21 52 22.9	+0.5
LPL	comp-Z,59nm,1.0s,mb5.9						
MBDF	Montbardon	91.73 315	i/P	P		21 52 22.0	-0.4
MBDF	comp-Z,53nm,1.0s,mb5.9						
MBDF	Montbardon	91.73 315	i/P	P		21 52 22.0	-0.4
MBDF				pmx	pmx		
MBDF	comp-Z,17nm,1.0s,mb5.3						
MBDF	Montbardon	91.73 315	i/P	P		21 52 22.0	-0.4
RSL	Roselend	91.79 316	eP	P		21 52 22.6	-0.1
HAU	Haudompre	91.86 318	i/P	P		21 52 22.9	-0.2
HAU	comp-Z,120nm,1.1s,mb5.8			eMLR			
HAU	comp-Z,2um,21.5s	Haudompre	91.86 318	i/P	P	21 52 22.9	-0.2
HAU				pmx	pmx		
HAU	comp-Z,60nm,1.1s,mb5.8			MLR	MLR		
HAU	comp-Z,2um,21.5s,MSS.4	Haudompre	91.86 318	i/P	P	21 52 22.9	-0.2
HAU	comp-Z,60nm,1.1s,mb5.8			LR	LR		
FRF	comp-Z,2um,21.5s,MSS.4	La Foret Royal	91.87 313	i/P	P	21 52 23.4	+0.3
FRF	comp-Z,74nm,1.1s,mb5.6						
FRF	La Foret Royal	91.87 313	i/P	P		21 52 23.4	+0.3
FRF				pmx	pmx		
FRF	comp-Z,37nm,1.1s,mb5.6						
FRF	La Foret Royal	91.87 313	i/P	P		21 52 23.4	+0.3
FRF	comp-Z,37nm,1.1s,mb5.6						
WLF	Waifergange	91.90 320	eP	P		21 52 24.0	+0.7
WLF	Waifergange	91.90 320	eP	P		21 52 24.4	+1.1
WLF	Waifergange	91.90 320	eP	P		21 52 24.1	+0.8
WLF				pmx	pmx		
WLF	comp-Z,17nm,0.8s,mb5.4						
WLF	Waifergange	91.90 320	eP	P		21 52 24.1	+0.8
WLF	comp-Z,17nm,0.8s,mb5.4						
LMR	La Moure	91.98 313	eP	P		21 52 24.0	+0.4
LMR	comp-Z,21nm,1.0						

Table of station data for the left column, including station names like YBH, YBH, YB, and various call signs with associated coordinates and parameters.

Table of station data for the middle column, including station names like PLCA, TRQA, TRQA, and various call signs with associated coordinates and parameters.

Table of station data for the right column, including station names like PKI, GUN, JIRN, and various call signs with associated coordinates and parameters.

h65km, 2.1km, pP, n62, o986/62, mb4.4/34, Northern Sumatera

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Prapat, Kluang, West Island, etc.

IDC 17 22:02:49.2±1.8, 028N-9965E, h0km, mb3.7/5, mb1 3.8/5, mb1mx3.6/20, mbtmp3.7/5, Error ellipse: s-maj=73.5km s-min=28.8km az=55.0, Northern Sumatera

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Alice Springs, Songoing Array, etc.

IDC 17 22:38:24.3±0.8, 1338N-146.12E, h0km, mb3.8/9, mb1 4.0/9, mb1mx3.9/21, mbtmp3.8/9, Error ellipse: s-maj=20.4km s-min=19.1km az=70.0

NEIC 17 22:38:29.5±0.7, 1336N-146.05E, h35km, mb4.4/7, Error ellipse: s-maj=10.9km s-min=7.0km az=80.0

ISCJB 17 22:38:30.2±2.1, 1335N-146.0E±0.1, h0km, 16km, mb4.2/18, Error ellipse: s-maj=21.4km s-min=11.6km az=154.4

ISC 17 22:38:27.4±5.6, 1339N-107.14616E±0.08, h21km, 140km, n33, o965/33, mb4.2/18, South of Mariana Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Guam, Port Moresby, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Warramunga Arr, Alice Springs, etc.

IDC 17 23:01:22.6±1.2, 047N-99.98E, h0km, mb3.9/8, mb1 4.0/9, mb1mx3.8/21, mbtmp3.9/9, ML3.9/1, MS3.6/1, Mst 3.6/1, ms1mx2.9/33, Error ellipse: s-maj=58.9km s-min=12.8km az=56.0

ISCJB 17 23:01:26.7±0.6, 049N-100.7E±0.09, h35km, mb4.2/16, Error ellipse: s-maj=13.9km s-min=8.4km az=130.3

NEIC 17 23:01:27.0±0.6, 046N-99.98E, h30km, mb4.2/5, Error ellipse: s-maj=17.0km s-min=9.6km az=51.0

ISC 17 23:01:28.7±0.6, 047N-100.7E±0.09, h35km, n28, o1943/31, mb4.2/16, Northern Sumatera

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Prapat, Kurchatov, etc.

IDC 17 23:18:20.3±1.4, 038N-99.51E, h0km, mb3.7/5, mb1 3.9/6, mb1mx3.6/21, mbtmp3.7/6, ML2.6/1, Error ellipse: s-maj=55.7km s-min=16.3km az=66.0

ISCJB 17 23:18:23.0±2.0, 046N-100.799E±0.10, h35km, mb3.8/7, Error ellipse: s-maj=14.1km s-min=9.9km az=150.1

NEIC 17 23:18:24.8±0.6, 051N-99.69E, h30km, mb4.0/2, Error ellipse: s-maj=15.2km s-min=9.1km az=47.0

ISC 17 23:18:25.0±0.7, 046N-100.7E±0.09, h35km, n16, o195/19, mb3.8/7, Northern Sumatera

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Prapat, Kurchatov, etc.

CASC 17 23:46:13.5±2.6, 1386N-89.76W, h10km, MD3.7, ML3.7, NEIC 17 23:46:04.2±2.2, 1347N-90.04W, h70km, 26km, MD3.5(SNET), 5C-5D, Error ellipse: s-maj=39.5km s-min=14.7km az=220.0, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like San Blas, El Retiro, etc.

UPP 18 00:19:12.6, 6785N-2019E, h38km, ML2.6, Mining explosion., Sweden

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Nikkaluokta, Lannavaara, etc.

UPP 18 00:19:44.7, 6784N-2022E, h0km, ML2.9, Mining explosion.

HEL 18 00:19:45.1±0.1, 6783N-2023E, h0km, ML1.6, ML2.9(UPP), Explosion, Sweden

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Kuravaara, Nikkaluokta, etc.

UPP 18 00:20:41.0, 6783N-2019E, h0km, ML3.0, Mining explosion.

CSEM 18 00:20:41.0, 6783N-2019E, h0km, ML3.0, Mining explosion. After UPP

HEL 18 00:20:41.7±0.1, 6783N-2019E, h0km, ML3.0(UPP), Explosion, Sweden

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Kuravaara, Nikkaluokta, etc.

CSEM 18 00:22:27.8, 6786N-2020E, h1km, ML2.6, Mining explosion. After UPP

UPP 18 00:22:27.8, 6786N-2020E, h1km, ML2.6, Mining explosion.

HEL 18 00:22:28.0±0.1, 6786N-2017E, h0km, ML1.6, ML2.6(UPP), Explosion, Sweden

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Kuravaara, Nikkaluokta, etc.

NEIC 18 00:25:53.9, 5437N-1616W, h10km, ML3.3(AEIC), ML3.6(PMR), After AEIC, Alaska Peninsula

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like False Pass.

MEIG Mezcala 3.00 313 eP Pn 02 59 04.3 -2.2
MEIG 1/S Sn 02 59 38.7 -3.2
NEIC 18 03:09:13.0, 3692N-3035E, h5km, mb4.4/31, ML4.1 (ISK), After ISK
IDC 18 03:09:13.8, 0.6, 3690N-3045E, h0km, mb4.1/14, mb1.4, 1/21, mb1mx4, 1/28, mbtmp4, 0/21, ML3.8, 7, MS3.1/11, MS1.3, 1/11, ms1mx2.8/3, Error ellipse: s-maj=13.6km s-min=12.3km az=145.0

HORT Hortiatis 6.78 305 ePn Pn 03 10 56.7 +1.3
LIT Lithokoron 6.96 300 ePn Pn 03 10 59.7 +1.8
EVR Evrytania 7.07 289 ePn Pn 03 11 02.5 +3.2
ASF Jabal al Asfar 7.15 129 Pn Pn 03 11 05.1 +4.6
0.6km, 0.3s, baz=203, slow=11, SNR=9.8

LASF Ste Croix 21.35 298 eP P 03 14 02.4 -0.8
LASF Ste Croix 21.35 298 eP P 03 14 02.4 -0.8
WLF Walferdange 21.66 314 P P 03 14 08.6 +2.1
WLF Walferdange 21.66 314 eP P 03 14 04.7 -1.8

Code Station Name Az El Phase ID Time Res
ELL Elmali 0.39 250 Op ISC 03 09 21.3 -2.1
ELL 1/S PG 03 09 28.6 0.0
GOLH Golhisar 0.73 299 iS SG 03 09 27.0 -3.0
GOLH 1/S PG 03 09 27.0 -3.0
AKAS Kas 0.89 224 iS PG 03 09 32.3 -0.6
AKAS 1/S SG 03 09 50.2 +5.7
ISP Isparta 0.97 7 eP PG 03 09 31.8 -2.5
KSL Kastellorizon 0.97 221 eP PG 03 09 32.5 -1.8
TKPT Tekketepe 1.16 358 iS SG 03 09 35.7 -2.2

EIL ELat 8.02 302 ePn Pn 03 11 15.2 +2.7
EIL 316nm, 0.6s eSn Pn 03 12 43.2 -3.2
SWA1 8.54 209 P Pn 03 11 18.3 -1.3
SWA1 1/S Sn 03 12 48.9 -7.2
MLR Muntele Rosu 9.22 340 Pn Pn 03 11 30.0 +1.1
0.4nm, 0.3s, baz=203, slow=6.3, SNR=14

LOR Lormes 22.14 306 eP P 03 14 11.2 -0.5
LOR 2.15nm, 1.0s, mb4.2 eMLR
LOR Lormes 22.14 306 eP P 03 14 11.2 -0.5
LOR 2.15nm, 1.0s, mb4.2
LOR Lormes 22.14 306 eP P 03 14 11.2 -0.5

18d 3h

T06C	Millerton Lake	82.73	44	↑P	P	03 53 40.6 +0.1
ISA	Isabella	82.75	46	↓P	P	03 53 40.7 +0.1
O02C	Red Bluff	82.77	40	↑P	P	03 53 40.8 +0.1
SUTB	Sutter Butte	82.79	42	↓P	P	03 53 40.6 -0.2
CMB	Columbia Colle	82.92	43	eP	P	03 53 41.5 0.0
CMB	Columbia Colle	82.92	43	eP	P	03 53 41.5 0.0
CMB	Columbia Colle	82.92	43	↓P	P	03 53 41.9 +0.4
PFO	Pinyon Flat Ob	82.94	49	↓P	P	03 53 40.4 -1.2
HELL	Mitchell Peak	82.98	45	↓P	P	03 53 41.3 -0.5
BBRC	Big Bear Sol-O	82.98	48	↓P	P	03 53 41.9 +0.1
O03C	Acorn Hollow	83.11	41	↑P	P	03 53 41.9 -0.5
LAVA	Lava Cap Winer	83.14	43	↑P	P	03 53 42.3 -0.2
LRMC	Laurel Mountai	83.16	47	↑P	P	03 53 42.8 +0.1
ORV	Oroville	83.16	42	↑P	P	03 53 42.8 +0.1
S06C	San Francisco	83.17	44	↓P	P	03 53 42.8 +0.1
KCC	Kaiser Creek	83.17	44	↓P	P	03 53 43.1 +0.4
WDO	Whiskeytown Da	83.17	40	↓P	P	03 53 42.8 +0.1
SYO	Syowa Base	83.30	193	↑P	P	03 53 42.6 -0.7
BELC	Belle Mtn.	83.47	49	↑P	P	03 53 44.7 +0.5
R05C	Kirkwood Mead	83.52	43	↑P	P	03 53 44.5 +0.1
P05C	Yuba Gap, Truc	83.55	42	↑P	P	03 53 44.7 +0.1
MPMC	Manual Prospec	83.63	46	↑P	P	03 53 45.3 +0.3
GSC	Goldstone	83.65	47	↓P	P	03 53 45.2 +0.1
BC3	Big Chuck Mtn	83.65	49	↑P	P	03 53 45.2 +0.1
HEC	Hector Ludlow	83.71	48	↑P	P	03 53 45.7 +0.3
CN2	Changchun	83.75	324	eP	P	03 53 45.0 -0.6
GLA	Glamis	83.76	50	P	P	03 53 46.8 +1.2
O05C	Quincy	83.77	41	↓P	P	03 53 45.5 -0.2
YBH	Yreka Blue Hor	83.80	39	P	P	03 53 45.0 -0.9
YBH	Yreka Blue Hor	83.80	39	↑P	P	03 53 46.5 +0.7
R06C	Coleville	83.80	43	↑P	P	03 53 46.4 +0.5
M03C	McCloud	83.86	40	↓P	P	03 53 46.5 +0.4
O04C	Chester	83.88	41	↓P	P	03 53 46.2 -0.1
HATC	Hat Creek Radi	83.96	41	↓P	P	03 53 47.1 +0.5
K02A	Glendale	84.01	38	↓P	P	03 53 47.2 +0.3
S08C	White Mtn Res	84.02	45	↓P	P	03 53 47.5 +0.6
BEKR	Beckworth	84.05	42	↑P	P	03 53 46.9 -0.2
WCN	Washoe City	84.08	43	↑P	P	03 53 47.8 +0.6
GMRC	Granite Mounta	84.14	48	↑P	P	03 53 47.8 +0.3
IRM	Iron Mountain	84.14	49	P	P	03 53 47.6 +0.1
GRAC	Grapevine Rang	84.25	46	↓P	P	03 53 48.5 +0.5
TRQ	Turquoise Mtn.	84.32	47	↑P	P	03 53 48.6 +0.2
SHOC	Shoshone	84.34	47	↑P	P	03 53 48.6 +0.1
J02A	Umpqua	84.35	38	↓P	P	03 53 49.2 +0.7
Y12C	Blythe	84.35	50	↑P	P	03 53 49.3 +0.7
NVAR	Nina Array Bea	84.47	44	↓P	P	03 53 48.3 -0.9
NVAR	Nina Array Bea	84.47	44	↓P	P	03 55 51.4 +1.5
M05C	Lookout	84.49	40	↓P	P	03 53 49.5 +0.3
PAHR	Pah Rah Range	84.55	42	eP	P	03 53 50.1 +0.6
O06A	Flanigan	84.55	42	↓P	P	03 53 49.6 +0.1
L04A	Klamath Falls	84.56	39	↓P	P	03 53 49.8 +0.2
J03A	Ideyl Park	84.69	38	↓P	P	03 53 50.2 0.0
M06C	Likely Place G	84.79	41	↓P	P	03 53 51.0 +0.3
NEE2	Needles Airpor	84.84	49	↑P	P	03 53 51.6 +0.7
Y13A	Salome	84.87	50	P	P	03 53 51.9 +0.8
N06A	Buffalo Meadow	84.90	41	↓P	P	03 53 50.9 -0.3
PDMC	Parker Dam,Lak	84.92	49	↑P	P	03 53 51.8 +0.5
SNA4	Sanae	84.93	179	eP	P	03 53 51.0 -0.4
SNA4	Sanae	84.93	179	eP	P	03 53 51.0 -0.3
O08A	Gabbs	84.96	44	↑P	P	03 53 51.4 -0.1
L05A	Lakeview	85.09	40	↓P	P	03 53 50.7 -1.5
J04A	Umpqua Nationa	85.10	38	↓P	P	03 53 52.6 +0.4
O07A	Toulon	85.13	42	P	P	03 53 52.4 +0.1
R09A	Tonopah	85.15	45	↑P	P	03 53 52.5 0.0
V12A	Nelson	85.21	48	↓P	P	03 53 53.0 +0.3
Z14A	Wintersburg	85.25	51	↓P	P	03 53 53.9 +1.0
X13A	Yucca	85.29	49	↓P	P	03 53 53.6 +0.5
MOD	Modoc	85.32	40	eP	P	03 53 52.3 -1.0
MOD	Modoc	85.32	40	↑P	P	03 53 53.7 +0.4
K05A	Summer Lake	85.47	39	↑P	P	03 53 54.1 +0.1
Y14A	Wickenburg	85.52	50	↓P	P	03 53 54.6 +0.4
W13A	Hualapai Mount	85.53	49	↑P	P	03 53 54.9 +0.6
J05A	Fort Rock	85.62	39	P	P	03 53 55.3 +0.6
M07A	Soldier Meadow	85.69	41	↑P	P	03 53 55.2 +0.2
116A	Eloy	85.72	52	↑P	P	03 53 56.2 +1.0
U12A	Valley of Fire	85.81	47	↑P	P	03 53 56.0 +0.4
X14A	Yava	85.88	50	↓P	P	03 53 56.6 +0.4
K06A	Valley Falls	85.89	40	↑P	P	03 53 56.2 +0.2
N08A	GE Springer Mi	85.96	42	↑P	P	03 53 56.0 -0.3
L07A	Adell	85.96	41	↑P	P	03 53 56.9 +0.6
W14A	Seligman	86.14	49	↑P	P	03 53 57.9 +0.7
O09A	Fish Creek Ran	86.19	43	↓P	P	03 53 57.4 0.0
M08A	Happy Creek Ra	86.20	41	↓P	P	03 53 57.6 +0.1
J06A	Christmas Vall	86.23	39	↓P	P	03 53 57.4 -0.2
X15A	Humboldt	86.35	50	↓P	P	03 53 58.8 +0.6

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N09A	Rock Creek Ran	86.37	42	↓P	P	03 53 57.6 -0.7
Q11A	Duckwater	86.41	45	↓P	P	03 53 58.6 +0.1
K07A	Rock Creek Ran	86.42	40	↓P	P	03 53 58.9 +0.4
H05A	Madras	86.47	38	↑P	P	03 53 58.5 -0.3
I06A	Prineville	86.61	39	P	P	03 54 00.0 +0.6
F04A	Amboy	86.62	36	↑P	P	03 53 59.3 -0.2
L08A	Fielde	86.66	41	↓P	P	03 53 59.6 0.0
O10A	Cortez Mining,	86.69	43	↑P	P	03 53 59.8 0.0
GYA	Guliyang	86.72	301	P	P	03 54 00.3 +0.4
GYA	Guliyang	86.72	301	P	P	03 54 00.3 +0.4
M09A	Marrel Ranch,	86.75	42	↓P	P	03 54 00.7 +0.6
K08A	Mann Creek Ran	86.89	40	P	P	03 54 00.8 +0.2
H06A	Lindquist Farm	87.03	38	P	P	03 54 01.0 -0.3
Q12A	Willow Creek R	87.05	45	↓P	P	03 54 01.5 0.0
I07A	Izee	87.10	39	P	P	03 54 01.9 +0.2
O11A	Cowboy Ranch,	87.13	44	↓P	P	03 54 02.0 +0.2
G06A	Carlson Farm,	87.17	37	↑P	P	03 54 02.1 +0.1
P12A	McGill	87.24	45	↑P	P	03 54 02.7 +0.3
J08A	Circle Bar Ran	87.27	40	P	P	03 54 02.5 0.0
K09A	Rome	87.33	41	P	P	03 54 02.8 +0.1
M10A	L.L. Ranch, TU	87.37	42	P	P	03 54 03.2 +0.3
H07A	Lands Inn, Kim	87.38	38	P	P	03 54 02.8 -0.2
F06A	Goldendale	87.41	37	↓P	P	03 54 02.9 -0.3
C04A	Brinnon	87.46	34	↑P	P	03 54 03.5 +0.1
N11A	Elko Archery C	87.47	43	↑P	P	03 54 03.1 -0.3
WUAZ	Wupatki	87.49	49	↓P	P	03 54 03.8 +0.3
I08A	Drewsey	87.54	39	P	P	03 54 03.7 0.0
D05A	Enumafal	87.64	35	↓P	P	03 54 04.5 +0.3
J09A	Fry Pan Ranch,	87.69	40	P	P	03 54 04.4 0.0
G07A	Ruggs Ranch, H	87.72	38	↓P	P	03 54 04.5 -0.1
M11A	Holland Ranch,	87.78	43	↑P	P	03 54 05.3 +0.4
E06A	Yakima	87.78	36	↑P	P	03 54 04.6 -0.3
H08A	Prairie City	87.84	39	↓P	P	03 54 04.8 -0.4
N12A	Clover Valley,	87.92	43	↓P	P	03 54 05.8 +0.2
I09A	Lost Marbles R	88.06	40	↑P	P	03 54 05.9 -0.3
C05A	Toll Reservoir	88.12	35	↓P	P	03 54 05.9 -0.6
G08A	Pilot Rock	88.14	38	P	P	03 54 06.4 -0.1
A04A	Legoe Bay, Lum	88.24	34	↑P	P	03 54 07.3 +0.3
B05A	Bryant	88.27	34	↑P	P	03 54 06.8 -0.3
M12A	Wells	88.32	43	↑P	P	03 54 07.5 +0.1
J10A	Berg Farm, Mel	88.32	41	↓P	P	03 54 07.4 0.0
E07A	Sunnyside	88.41	37	↑P	P	03 54 07.7 -0.1
N13A	Wendover, West	88.45	44	↓P	P	03 54 07.9 -0.1
MSU	Marysval	88.51	47	eP	P	03 54 08.6 +0.3
H09A	Durkee	88.51	39	P	P	03 54 07.9 -0.4
F08A	Pendleton	88.55	38	↑P	P	03 54 08.3 -0.1
XAN	Xi'an	88.68	308	P	P	03 54 09.3 +0.3
XAN	Xi'an	88.68	308	P	P	03 54 09.3 +0.3
D07A	Quincy	88.73	36	↓P	P	03 54 09.2 -0.1
M13A	Montello	88.76	43	P	P	03 54 09.8 +0.4
E08A	Dider Farm, El	88.80	37	↓P	P	03 54 09.2 -0.4
MFID	Camas Ranch,	88.88	41	↓P	P	03 54 10.3 +0.3
C07A	Waterville	88.98	36	↓P	P	03 54 09.8 -0.7
F09A	S2 Ranch, Elgi	88.98	38	↑P	P	03 54 10.6 +0.1
DUG	Dugway	88.99	45	↑P	P	03 54 10.7 +0.2
H10A	Bios Angus R	89.00	40	↓P	P	03 54 10.4 -0.2
K12A	Draper Farm, C	89.00	42	↓P	P	03 54 10.8 -0.2
I11A	Placeville	89.08	40	P	P	03 54 11.0 +0.1
D08A	Wollman Farm,	89.22	37	↑P	P	03 54 11.5 -0.1
J12A	Stokes Ranch,	89.22	41	↓P	P	03 54 12.2 +0.6
KMI	Kunming	89.25	298	P	P	03 54 10.5 -1.2
KMI	Kunming	89.25	298	P	P	03 54 11.9 -0.1
E09A	Wood Farm, Sta	89.32	37	↑P	P	03 54 11.9 -0.1
EFI	East Falkland	89.37	148	eP	P	03 54 10.6 -1.6
B07A	Winthrop	89.42	35	↑P	P	03 54 11.9 -0.6
H11A	Donnelly	89.50	40	P	P	03 54 12.6 -0.3
F10A	Beach Ranch, E	89.52	38	↓P	P	03 54 12.4 -0.6
D09A	Jones Farm, Ri	89.56	37	↑P	P	03 54 12.4 -0.7
TMUT	Trail Mountain	89.56	46	eP	P	03 54 13.7 +0.6
C08A	Higginbotham F	89.56	36	↓P	P	03 54 12.7 -0.6
A07A	Ashnola River,	89.64	35	↑P	P	03 54 13.0 -0.5
CHTO	Chiang Mai	89.70	291	eP	P	03 54 13.9 +0.1
CHTO	Chiang Mai	89.70	291	eP	P	03 54 13.9 +0.1
B08A	Colville Reser	8				

Table with columns: ZKR, Zakros, 3.07 129 P, Pn, 03 53 26.8 +1.3

ISCJB 18 03:58:55.0, 0.9, 3716N, 005.721E, 0.1, h166km, 17km, Error ellipse: s-maj=18.3km s-min=4.7km az=137.5

NDI 18 04:01:06.5, 3.8, 3219N, 57.756E, h33km, ML2.8

ISC 18 03:58:55.7, 0.9, 3716N, 005.721E, 0.1, h160km, 14km, n28, e073/33, 5C-2D, Tajikistan

Main table for station data, columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC

CASC 18 04:28:58.0, 1.7, 1216N, 8782W, h28km, 8km, MD3.8, ML3.2, 2C-1D, Near coast of Nicaragua

Table for station data in Nicaragua region, columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC

ISCJB 18 04:42:00.2, 0.8, 2368S, 009.1753W, 0.1, h35km, mb4.3/5, Error ellipse: s-maj=17.2km s-min=8.7km az=74.0

NDI 18 04:42:00.8, 1.1, 2398S, 1578W, h0km, mb4.3/5, mb1 4.5/6, mb1mx4.1/18, mbtmpr3.6/ML3.8/1, Error ellipse: s-maj=42.9km s-min=26.0km az=171.0

ISC 18 04:42:02.5, 0.8, 2393S, 008.1753W, 0.1, h35km, n17, e093/15, mb4.3/5, Tonga Islands region

Table for station data in Tonga Islands region, columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC

0.7nm, 1.0s, mb3.9, baz=242, slow=7.8, SNR=3.2

AKASG Malin Array Be 147.23 331 PKPbc PKPbc 05 01 45.3 +3.3

BRTR Keskin Arr B 151.30 310 PKPbc PKPbc 05 01 54.0 +2.4

TORD Torodi Arr Be 168.89 164 PKPab PKPab 05 01 21.2 +4.5

ISC 18 04:47:28.8, 2.5, 1351N, 14528E, h35km, 18km, mb3.7/7, mb1 3.9/7, mb1mx3.7/21, mbtmpr3.7/7, MS3.4/1, Ms1 3.4/1, mb1mx2.8/27, Error ellipse: s-maj=38.5km s-min=17.4km az=79.0

NEIC 18 04:47:28.5, 0.7, 1345N, 14528E, h35km, mb4.4/1, Error ellipse: s-maj=19.8km s-min=11.8km az=69.0

ISCJB 18 04:47:29.4, 1.2, 135N, 01.1451E, 0.2, h56km, 9km, mb4.0/8, MS3.3/1, Error ellipse: s-maj=38.2km s-min=17.0km az=163.9

ISC 18 04:47:29.8, 1.8, 135N, 01.1452E, 0.2, h44km, 14km, n16, e073/14, mb4.0/8, MS3.3/1, D, Mariana Islands

Table for station data in Mariana Islands region, columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC

ISC 18 05:24:37.3, 0.7, 4723N, 15357E, h0km, mb3.8/15, mb1 4.0/17, mb1mx3.9/26, mbtmpr3.8/17, ML3.7/2, MS3.4/5, Ms1 3.4/5, ms1mx3.0/39, Error ellipse: s-maj=21.4km s-min=16.3km az=147.0

NEIC 18 05:24:38.0, 0.5, 4720N, 15355E, h10km, mb4.3/1, Error ellipse: s-maj=14.3km s-min=8.9km az=141.0

ISCJB 18 05:24:41.2, 0.6, 4725N, 008.1536E, 0.1, h35km, mb4.1/20, MS3.5/4, Error ellipse: s-maj=14.9km s-min=5.2km az=92.2

MOS 18 05:24:41.7, 1.3, 4733N, 15336E, h42km, mb4.4/1, Error ellipse: s-maj=14.5km s-min=8.9km az=68.6

ISC 18 05:24:43.1, 0.6, 4728N, 008.1536E, 0.1, h35km, n50, e1918/48, mb4.1/20, MS3.5/4, 7C-2D, Kuril Islands

Main table for station data, columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC

ISCJB 18 04:42:00.2, 0.8, 2368S, 009.1753W, 0.1, h35km, mb4.3/5, Error ellipse: s-maj=17.2km s-min=8.7km az=74.0

NDI 18 04:42:00.8, 1.1, 2398S, 1578W, h0km, mb4.3/5, mb1 4.5/6, mb1mx4.1/18, mbtmpr3.6/ML3.8/1, Error ellipse: s-maj=42.9km s-min=26.0km az=171.0

ISC 18 04:42:02.5, 0.8, 2393S, 008.1753W, 0.1, h35km, n17, e093/15, mb4.3/5, Tonga Islands region

Table for station data in Tonga Islands region, columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC

comp=Z, 9.2nm, 21.9s, MS4.0, baz=276, slow=35

AKASG Malin Array Be 71.29 326 P P 05 35 57.5 -1.4

ASAR Alice Springs 72.81 199 P P 05 36 08.0 -0.1

BRUR Bucovina Array 75.32 327 P P 05 35 22.6 -0.1

TXAR Lajitas Array 76.95 61 P P 05 36 32.4 +0.5

TXAR Lajitas Array 77.21 326 P P 05 36 34.7 +1.3

GERES GRESS Array B 78.12 334 P P 05 36 37.9 -0.6

BRTR Keskin Arr B 78.22 317 P P 05 36 39.8 +0.6

BZS Buzias 80.76 328 P P 05 35 39.6 +0.1

VTS Vitusha 80.76 325 P P 05 36 50.7 +0.2

TKL Tkalechee C 82.32 44 LR LR 06 11 38.7

CFAA Cordell Fontan 144.57 79 PKP P PKPdf 05 44 12.9 -2.9

IGQ 18 05:25:16.6, 0.66S, 8133W, h14km, 6km, Mb4.2, Ms4.0, 5C-4D, Error ellipse: s-maj=7.4km s-min=5.3km az=23.8, Off coast of Ecuador

Table for station data in Ecuador region, columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC

ISCJB 18 05:31:34.0, 0.7, 2807S, 003.6927W, 0.10, h107km, 9km, mb3.5/5, Error ellipse: s-maj=14.5km s-min=5.5km az=171.5

ISC 18 05:31:34.4, 2.3, 2798S, 6912W, h88km, 22km, mb3.4/3, mb1 3.6/6, mb1mx3.5/16, mbtmpr3.3/6, Error ellipse: s-maj=39.2km s-min=17.3km az=84.0

NEIC 18 05:31:34.9, 2.806S, 6943W, h116km, mb3.7/1, After GUC

GUC 18 05:31:34.9, 2.806S, 6943W, h116km, 16km, ML4.7

ISC 18 05:31:35.0, 2.0, 2807S, 003.6928W, 0.09, h100km, 9km, n25, e097/38, mb3.5/3, 1C-6D, Chile-Argentina border region

Main table for station data, columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC

V11A	Goodsprings	65.39 320	↑P	P	10 38 06.1 +1.0
ARUT	Antelope Range	65.48 323	eP	P	10 38 06.3 +0.7
DSC	Goldstone	65.92 319	↑P	P	10 38 09.2 +0.8
GAU	Daniels Canyon	66.08 327	eP	P	10 38 10.2 +0.8
JLU	Jordanelle	66.32 327	↑P	P	10 38 11.7 +0.8
EDW2	Edwards Air Fc	66.41 318	↑P	P	10 38 11.8 +0.3
BLG	Laguna Peak	66.65 317	↑P	P	10 38 14.0 +1.0
FURC	Furnace Creek,	66.69 320	P	P	10 38 13.3 +0.1
DUG	Dugway	66.78 325	eP	P	10 38 14.3 +0.5
DUG	comp=Z,6.0nm,0.8s,mb4.4		pmax	pmax	
DUG	Dugway	66.78 325	eP	P	10 38 14.3 +0.5
DUG	comp=Z,5.9nm,0.8s,mb4.4				
DUG	Dugway	66.78 325	↑P	P	10 38 13.8 0.0
MPMC	Manual Prospect	66.82 319	↑P	P	10 38 14.6 +0.6
PDAR	Pinedale Array	66.91 329	P	P	10 38 13.3 -1.3
PDAR	comp=Z,4.6nm,0.4s,mb4.5,baz=123,slow=9.2,SNR=89		p	p	10 39 09.3 -5.0
HWUT	Hardware Ranch	67.10 327	eP	P	10 38 14.5 -1.3
ARVC	Arvin	67.11 318	↑P	P	10 38 17.1 +1.2
Q12A	Willow Creek R	67.13 323	↑P	P	10 38 16.1 +0.1
ISA	Isabella	67.21 319	↑P	P	10 38 16.8 +0.3
GRAC	Grapevine Rang	67.34 320	↑P	P	10 38 17.2 -0.1
BGU	Big Grassy Mout	67.40 326	eP	P	10 38 17.4 -0.3
CWC	Cottonwood Cre	67.43 319	↑P	P	10 38 18.2 +0.3
P12A	McGill	67.47 324	↑P	P	10 38 18.2 +0.1
Q11A	Duckwater	67.49 323	↑P	P	10 38 18.2 0.0
ULM	Lac du Bonnet	67.61 342	eP	P	10 38 16.9 -2.1
ULM	comp=Z,5.7nm,0.7s,baz=158,slow=7.1,SNR=64				10 39 15.9 -3.0
ULM	Lac du Bonnet	67.61 342	eP	P	10 38 16.4 -2.6
ULM	comp=Z,12nm,0.5s,mb4.9				
PKM	Peak Mountain	67.62 317	↑P	P	10 38 19.5 +0.4
VES	Vestal, Richgr	67.70 318	↑P	P	10 38 20.3 +0.7
S09A	Goldfield	67.70 321	↑P	P	10 38 19.8 +0.2
HVU	Hansel Valley	67.86 327	eP	P	10 38 21.0 +0.4
HVU	comp=Z,8.0nm,0.4s,mb4.8				
HVU	Hansel Valley	67.86 327	eP	P	10 38 21.0 +0.4
HVU	comp=Z,6.3nm,0.4s,mb4.8				
O12A	Currie	67.91 324	P	P	10 38 21.3 +0.5
R09A	Tonopah	67.94 321	↑P	P	10 38 21.4 +0.4
SMM	Simmler	67.99 317	↑P	P	10 38 21.6 +0.3
REDW	Red Top Meadow	67.99 329	eP	P	10 38 21.5 +0.1
P11A	Circle Ranch,	68.01 323	P	P	10 38 20.9 -0.5
SNOW	Snow King Moun	68.02 329	eP	P	10 38 21.8 +0.3
RCTC	Rector, Farmer	68.09 319	↑P	P	10 38 22.3 +0.3
S08C	White Mtn Res	68.15 320	↑P	P	10 38 22.5 +0.2
HELL	Mitchell Peak,	68.18 319	↑P	P	10 38 22.7 +0.1
SCHO	Schefferville	68.29 2	↑P	P	10 38 21.6 -1.7
SCHO	comp=Z,3.8nm,0.8s,mb4.2,baz=191,slow=5.2,SNR=4.9		p	p	10 39 24.0 +0.8
SCHO	Schefferville	68.29 2	eP	P	10 38 21.6 -1.7
SCHO	comp=Z,4.8nm,0.8s,baz=216,slow=6.3,SNR=3		p	p	10 39 24.0 +0.8
M13A	Montello	68.32 326	↑P	P	10 38 22.8 -0.6
O11A	Cowboy Ranch	68.33 324	↑P	P	10 38 23.6 +0.1
R1M	Red Lodge	68.52 331	↑P	P	10 38 24.0 -0.7
LKWY	Lake	68.65 330	eP	P	10 38 25.8 +0.4
LKWY	comp=Z,4.0nm,0.8s,mb4.2		pmax	pmax	
LKWY	Lake	68.65 330	eP	P	10 38 25.8 +0.4
LKWY	comp=Z,3.9nm,0.8s,mb4.2				
M12A	Wells	68.77 325	↑P	P	10 38 27.0 +0.8
NVAR	Mina Array Bea	68.81 321	↑P	P	10 38 26.7 +0.3
NVAR	comp=Z,0.4nm,0.6s,mb3.4,baz=120,slow=6.4,SNR=5.7		p	p	10 39 27.4 +0.9
Q08A	Gabro	68.85 322	↑P	P	10 38 27.1 +0.4
O10A	Cortez Mining,	68.93 323	↑P	P	10 38 28.1 +0.9
O09A	Fish Creek Ran	69.25 323	↑P	P	10 38 29.6 +0.5
M11A	Holland Ranch,	69.27 325	↑P	P	10 38 29.7 +0.5
S05C	Merced	69.41 319	↑P	P	10 38 30.7 +0.6
S06C	San Francisco	69.43 320	↑P	P	10 38 30.8 +0.6
K12A	Draper Farm, C	69.59 326	↑P	P	10 38 31.3 +0.1
J13A	Cove Ranch, Pi	69.73 327	↑P	P	10 38 32.1 0.0
CMB	Columbia Colle	69.86 320	P	P	10 38 33.1 +0.2
SNAA	Sanas	69.96 162	eP	P	10 38 32.6 -0.8
HLID	Hailey	69.97 327	↑P	P	10 38 34.0 +0.6
BOZ	Bozenan (W)	70.03 330	↑P	P	10 38 33.0 -0.9
MCMT	McKenzie Canyo	70.05 329	eP	P	10 38 33.7 -0.2
G15A	Dillon	70.11 329	↑P	P	10 38 33.9 -0.5
J12A	Stokes Ranch,	70.12 327	↑P	P	10 38 34.3 -0.1
N08A	GE Springer Mi	70.19 323	↑P	P	10 38 34.9 +0.0
M09A	Marrel Ranch,	70.21 324	↑P	P	10 38 36.1 +1.2
O07A	Toulou	70.24 322	↑P	P	10 38 34.7 -0.5
MFID	Camas Ranch	70.62 326	↑P	P	10 38 38.3 +0.9
H12A	Diamond D Ranc	70.88 326	↑P	P	10 38 39.6 +0.7
EGMT	Eagleton	70.92 333	↑P	P	10 38 39.0 -0.3
G13A	Cobalt	70.93 328	↑P	P	10 38 40.2 +0.9
BEKR	Beckworth	70.95 321	↑P	P	10 38 40.8 +1.4
F11A	Wisdom	71.00 329	↑P	P	10 38 39.8 +0.1
H14A	Placerville	71.02 327	↑P	P	10 38 40.2 +0.1
N06A	Buffalo Meadow	71.18 322	P	P	10 38 41.4 +0.6
K09A	Rome	71.19 325	P	P	10 38 41.5 +0.6
L08A	Fields	71.21 324	↑P	P	10 38 41.0 0.0
O05C	Quincy	71.35 321	↑P	P	10 38 42.7 +0.9
F13A	Darby	71.47 329	↑P	P	10 38 42.4 -0.1
D15A	Lincoln	71.47 331	↑P	P	10 38 42.5 0.0
E14A	Clinton	71.49 330	↑P	P	10 38 42.0 -0.6
H11A	Donnelly	71.59 327	↑P	P	10 38 42.7 -0.6
J09A	Fry Pan Ranch,	71.63 325	↑P	P	10 38 41.4 -2.0
O04C	Chester	71.67 321	↑P	P	10 38 44.7 +1.0

E13A	Victor	71.85 329	↑P	P	10 38 44.7 0.0
F12A	Elk City	71.91 328	↑P	P	10 38 45.2 0.0
D14A	Greenough	71.97 330	↑P	P	10 38 45.3 -0.2
I09A	Lost Marbles R	72.03 326	↑P	P	10 38 46.1 +0.2
J08A	Circle Bar Ran	72.04 325	↑P	P	10 38 46.5 +0.6
MOD	Modoc	72.17 323	P	P	10 38 47.4 +0.7
M05C	Lookout	72.33 322	↑P	P	10 38 48.3 +0.6
F11A	Grangeville	72.46 328	↑P	P	10 38 47.7 -0.7
K06A	Valley Falls	72.69 324	↑P	P	10 38 50.5 +0.8
E11A	Boyer Ranch,	72.81 328	↑P	P	10 38 50.2 -0.2
M03C	McCloud	72.87 321	↑P	P	10 38 50.9 +0.1
H08A	Prairie City	72.89 326	↑P	P	10 38 51.4 +0.5
C13A	Hot Springs	72.91 330	↑P	P	10 38 50.7 -0.3
M04C	Macdoel	73.00 322	↑P	P	10 38 52.0 +0.4
K05A	Summer Lake	73.02 323	↑P	P	10 38 52.5 +0.8
I07A	Izee	73.07 325	↑P	P	10 38 52.5 +0.5
F10A	Beach Ranch, E	73.07 328	↑P	P	10 38 52.0 +0.1
F09A	S2 Ranch, Elgi	73.26 327	P	P	10 38 53.5 +0.5
N02C	Big Bar	73.33 321	↑P	P	10 38 54.4 +0.9
E10A	Myers Farm, Un	73.35 328	↑P	P	10 38 53.7 +0.1
I06A	Privilville	73.38 325	↑P	P	10 38 54.5 +0.7
K04A	Chilquin	73.44 323	↑P	P	10 38 54.5 +0.4
G08A	Pilot Rock	73.55 326	↑P	P	10 38 54.3 -0.5
WALA	Waterton Lakes	73.57 332	eP	P	10 38 54.7 -0.1
A13A	Flathead Natio	73.71 331	↑P	P	10 38 54.6 -1.1
F08A	Pendleton	73.77 327	↑P	P	10 38 56.0 0.0
D10A	Wagner Farm, O	73.82 328	↑P	P	10 38 55.7 -0.6
E09A	Wood Farm, Sta	73.91 328	↑P	P	10 38 56.8 0.0
B12A	Libby	73.94 330	↑P	P	10 38 56.4 -0.6
H06A	Lindquist Farm	73.95 323	↑P	P	10 38 57.3 +0.3
A12A	Yaak River Ran	74.00 331	↑P	P	10 38 58.4 -0.7
NVL	N'lazarevskaya	74.45 160	iP	P	10 38 59.5 -0.5
NVL	comp=Z,3.2nm,1.2s,mb4.8		pmax	pmax	
C09A	Chrisman Ranch	74.82 329	↑P	P	10 39 02.8 +0.7
E07A	Sunnyside	74.84 327	↑P	P	10 39 03.3 +1.2
FCC	Fort Churchill	74.84 347	eP	P	10 38 59.0 -3.2
FCC	comp=Z,5.0nm,0.6s,mb4.3		ePP	pP	10 40 00.6 -2.7
FCC	Fort Churchill	74.84 347	eP	P	10 38 59.0 -3.1
FCC	comp=Z,4.8nm,0.6s,mb4.3		eP	pP	10 40 00.6 -2.7
B09A	Rice	75.17 329	↑P	P	10 39 06.1 -0.8
C07A	Warville	75.67 328	↑P	P	10 39 08.3 +0.8
TOAO	Torodi Ari. Sit	75.78 72	eP	P	10 39 08.3 +0.8
TORD	Torodi Ari. Bea	75.78 72	eP	P	10 39 08.5 +1.0
TORD	comp=Z,4.3nm,0.4s,mb4.4,baz=262,slow=4.5,SNR=109		S	S	10 40 12.1 +3.3
TORD	comp=Z,2.1nm,0.8s,baz=264,slow=6.2,SNR=2.5		S	S	10 48 26.3 -0.9
A08A	Torodi Farm, O	76.08 329	↑P	P	10 39 09.2 0.0
E07A	Ashnola River,	76.70 329	↑P	P	10 39 12.4 -0.3
A03A	Lepam	76.85 325	↑P	P	10 39 14.4 +1.0
MDT	Midelt	77.57 52	P	P	10 39 18.6 +1.2
ESDC	Sonsec Array	81.01 46	eP	P	10 39 37.1 +1.1
ESDC	comp=Z,1.2nm,0.6s,mb4.0,baz=25,slow=5.1,SNR=9.6		p	p	10 40 41.4 +3.3
TSUM	Tsumeb	83.28 108	eP	P	10 39 48.5 +0.7
SUR	Sunrise	83.41 122	eP	P	10 39 49.2 +0.8
YKA	Yellowknife Ar	83.53 341	P	P	10 39 46.7 -2.3
YKA	comp=Z,4.2nm,0.5s,mb4.6,baz=134,slow=5.2,SNR=185		p	p	10 40 48.9 -2.6
SYO	Syowa Base	84.13 160	iP	P	10 39 50.8 -1.2
SYO	Syowa Base	84.13 160	iP	P	10 39 53.8 +1.8
DLBC	Dease Lake	86.86 333	eP	P	10 40 04.5 -1.0
BOSA	Boshof	88.00 019	eP	P	10 40 10.2 -0.6
LBTB	Lobatse	89.19 115	P	P	10 40 15.9 -0.5
LBTB	comp=Z,1.0nm,0.7s,mb3.8				
RES	Resolute Bay	89.57 354	eP	P	10 40 16.1 -2.1
MAW	Mawson	90.06 164	eP	P	10 40 29.5 -0.2
SOX	Sochi	113.50 48	iPKIP	PKIP	10 45 47.5 -1.0
BILL	Bilibino	114.91 340	iPKIP	PKIP	10 45 58.5 -1.4
BILL	comp=Z,3.0nm,1.6s		pmax	pmax	
TIXI	Tiksi	120.96 353	iPKIP	PKP	10 46 08.8 -2.7
TIXI	Tiksi	120.96 353	ePKP	PKP	10 46 09.7 -1.8
ARU	Arti	122.10 31	iPKIP	PKP	10 46 11.8 -1.9
STKA	Stevens Creek	125.56 213	eP	P	10 46 20.1 -1.1
STKA	comp=Z,5.8nm,0.6s,baz=108,slow=3.2,SNR=29		PKP	PKP	10 46 20.1 -0.2
CTA	Charters Tower	131.09 227	eP	PKP	10 46 31.3 +0.4
CTA	Charters Tower	131.09 227	eP	PKP	10 46 31.3 +0.4
FORT	Forrest	132.54 201	eP	PKP	10 46 33.6 0.0
KLBR	Kellerberrin	134.39 189	eP	PKP	10 46 36.6 -0.5
ZAL	Zalesovo	135.17 21	PKP	PKP	10 46 37.5 -1.1
ASAR	Alice Springs	136.18 212	eP	P	10 46 24.6
ASAR	comp=Z,0.2nm,0.5s,baz=136,slow=3.6,SNR=7.1		PKP	PKP	10 46 41.2 +0.8
ASAR	comp=Z,3.4nm,0.7s,baz=136,slow=0.8,SNR=12		SKPbc	SKPbc	10 49 45.4 -1.9
WB2	Warramunga Arr	138.93 216	eP	PKP	10 46 35.9 -1.0
WRA	Warramunga Arr	138.94 216	eP	PKP	10 46 35.0
WRA	comp=Z,1.0nm,0.5s,baz=138,slow=2.4,SNR=25		PKP	PKP	10 46 44.9 -0.6
WRA	comp=Z,4.7nm,0.4s,baz=140,slow=1.8,SNR=44		SKPbc	SKPbc	10 49 53.0 -2.2
MK31	Makanchi Array	139.60 30	ePKIP	PKP	10 46 45.8 -0.9
MKAR	Makanchi Array	139.60 30	ePKIP	PKP	10 49 54.1 -2.9
FITZ	Fitzroy Cross	144.89 206	iP	PKP	10 46 55.9 -0.2
FITZ	Fitzroy Cross	144.89 206	eP	PKP	10 46 55.9 -0.1
KAKA	Karakoram	145.67 221	eP	PKP	10 46 57.7 +0.3
SONM	Songino Array	145.81 4	iP	PKPbc	10 46 57.5 -1.2
SONM	comp=Z,0.4nm,0.6s,baz=326,slow=2.2,SNR=38		SKPbc	SKPbc	10 50 09.2 -3.0
MJAR	Matushihiro Arr	146.07 317	eP	PKPbc	10 46 58.6 -0.9
MJAR	comp				

18d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like VLO Viora, SRN Sarande, KERN Kerkira, etc.

IDC 18 11:18:15.2:1.1, 5649S, 2531W, h0km, mb4.1/3, mb1 4.2/3, mb1mx3.9/13, mbtmp4.1/3, Error ellipse: s-maj=43.4km

NEIC 18 11:18:21.0:0.7, 5649S, 2533W, h40km, Error ellipse: s-maj=33.5km s-min=18.0km az=84.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like QSPA South Pole Qui, VNSA Vanda, LPAZ Paz, etc.

IDC 18 11:29:29.0:0.6, 087N, 126.12E, h0km, mb4.0/10, mb1 4.2/11, mb1mx4.1/18, mbtmp4.0/11, ML3.4/1, MS3.0/1, Ms1 3.0/1, ms1mx2.4/23, Error ellipse: s-maj=46.7km

NEIC 18 11:29:30.3:0.5, 082N, 126.18E, h10km, mb4.7/1, Error ellipse: s-maj=33.2km s-min=8.9km az=74.0

ISCJB 18 11:29:31.9:0.6, 082N, 126.18E, h0km, mb4.1/11, Error ellipse: s-maj=39.9km s-min=10.0km az=153.1

ISC 18 11:29:34.1:0.6, 082N, 126.18E, h0km, mb4.1/11, Error ellipse: s-maj=39.9km s-min=10.0km az=153.1

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

IDC 18 11:31:42.9:1.8, 457N, 127.90E, h0km, mb3.6/5, mb1 3.8/5, mb1mx3.6/19, mbtmp3.7/5, Error ellipse: s-maj=96.6km

2006 DEC

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

ISCJB 18 12:02:44.9:0.6, 4026N, 100.4:2042E, h0km, Error ellipse: s-maj=6.8km s-min=4.3km az=61.3

CSEM 18 12:02:45.0:2.0, 4037N, 202.7E, h15km, MD3.2, Error ellipse: s-maj=5.1km s-min=2.5km az=115.0

ATH 18 12:02:45.8, 4023N, 203.8E, h10km, MD3.2/4 SKO 18 12:02:46.0, 4027N, 204.2E, h0km

ISC 18 12:02:45.8:0.7, 4027N, 204.2E, h0km, mb3.6/5, n11, 0:59/18, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LSK Leskovik, SRN Sarande, SRN Janina, etc.

ATH 18 12:33:23.3, 4085N, 21.60E, h4km, 2km, MD3.2/3 SKO 18 12:33:24.1, 3999N, 21.77E, h0km

CSEM 18 12:33:31.2:0.3, 4045N, 21.76E, h12km, MD3.2, Error ellipse: s-maj=11.5km s-min=6.1km az=81.0

ISC 18 12:33:32.8:0.9, 4031N, 204.2E, h0km, mb3.8/4, n10, 0:57/13, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KZN Kozani, THL Klokotos Trika, BIA Bitola, etc.

IDC 18 12:46:55.9:1.1, 1016S, 12003E, h0km, mb3.8/4, mb1 3.9/7, mb1mx3.8/17, mbtmp3.8/7, ML3.7/3, MS3.7/1, Ms1 3.7/1, ms1mx3.8/23, Error ellipse: s-maj=54.2km

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

600

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NWAO Narrogin (SRO), NWAO Narrogin, STKA Stephens Creek, etc.

BUI 18 12:52:37.5, 630S, 154.57E, h81km, mb5.0, mb4.9, Ms4.9, Ms24.3

ISCJB 18 12:52:38.3:1.6, 702S:0.10:15444E, h108km, 16km, mb4.7/26, Error ellipse: s-maj=16.5km s-min=10.0km

IDC 18 12:52:38.1:2.5, 684S:15441E, h96km, 23km, mb4.2/11, mb1 4.3/15, mb1mx4.2/19, mbtmp4.2/15, MS4.0/11, Ms1 4.0/11, ms1mx3.7/24, Error ellipse: s-maj=19.9km s-min=15.7km az=160.0

NEIC 18 12:52:39.1:1.6, 686S:15440E, h104km, 15km, mb4.9/7, Error ellipse: s-maj=15.5km s-min=11.1km az=166.0

ISC 18 12:52:40.1:1.4, 704S:0.10:15445E, h106km, 13km, n54, 0:12/46, mb4.7/26, 4C, 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, PMG Port Moresby, etc.

ISCJB 18 12:52:44.9:0.6, 4026N, 100.4:2042E, h0km, Error ellipse: s-maj=6.8km s-min=4.3km az=61.3

CSEM 18 12:02:45.0:2.0, 4037N, 202.7E, h15km, MD3.2, Error ellipse: s-maj=5.1km s-min=2.5km az=115.0

ATH 18 12:02:45.8, 4023N, 203.8E, h10km, MD3.2/4 SKO 18 12:02:46.0, 4027N, 204.2E, h0km

ISC 18 12:02:45.8:0.7, 4027N, 204.2E, h0km, mb3.6/5, n11, 0:59/18, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LSK Leskovik, SRN Sarande, SRN Janina, etc.

ATH 18 12:33:23.3, 4085N, 21.60E, h4km, 2km, MD3.2/3 SKO 18 12:33:24.1, 3999N, 21.77E, h0km

CSEM 18 12:33:31.2:0.3, 4045N, 21.76E, h12km, MD3.2, Error ellipse: s-maj=11.5km s-min=6.1km az=81.0

ISC 18 12:33:32.8:0.9, 4031N, 204.2E, h0km, mb3.8/4, n10, 0:57/13, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KZN Kozani, THL Klokotos Trika, BIA Bitola, etc.

IDC 18 12:46:55.9:1.1, 1016S, 12003E, h0km, mb3.8/4, mb1 3.9/7, mb1mx3.8/17, mbtmp3.8/7, ML3.7/3, MS3.7/1, Ms1 3.7/1, ms1mx3.8/23, Error ellipse: s-maj=54.2km

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

A08A	Turner Farm, O baz=83	83.12	41	↑P	P	17 12 01.3	-0.6
B08A	Colville Reser baz=83,SNR=6.2	83.21	42	↓P	P	17 12 02.0	-0.2
E07A	Sunnyside baz=83	83.25	44	↑P	P	17 12 02.3	-0.2
EPH	Ephrata	83.26	43	↑P	P	17 12 02.4	-0.1
H06A	Lindquist Farm baz=83,SNR=6.0	83.31	46	↑P	P	17 12 03.1	+0.3
HATC	Hat Creek Radi baz=83	83.32	50	↓P	P	17 12 04.0	+1.1
K05A	Summer Lake baz=83	83.34	48	↓P	P	17 12 03.7	+0.8
F07A	Phinny Hill Vi baz=83	83.35	45	↑P	P	17 12 03.4	+0.4
LBCM	Butte Creek Ri baz=83	83.40	50	↑P	P	17 12 03.1	-0.2
SUTB	Sutter Butte baz=83	83.40	51	↑P	P	17 12 03.1	-0.2
H0Q	Hoqian SNR=16	83.43	293	↑P	P	17 12 04.9	+1.5
JRSC	Jasper Ridge baz=83	83.43	53	↑P	P	17 12 02.9	-0.5
M05C	Lookout baz=83,SNR=6.2	83.44	49	↑P	P	17 12 04.2	+0.7
C08A	Higginbotham F baz=83	83.53	43	↓P	P	17 12 03.0	-0.9
ORV	Oroville baz=84	83.55	51	↑P	P	17 12 04.2	+0.1
A09A	Danville baz=84	83.56	41	↑P	P	17 12 04.5	+0.4
I06A	Prineville baz=84,SNR=6.3	83.57	46	↑P	P	17 12 05.2	+1.1
BDM	Black Diamond baz=84	83.61	53	↑P	P	17 12 05.1	+0.8
G07A	Ruggs Ranch, H baz=84	83.66	45	↑P	P	17 12 04.0	-0.6
BSY	Bisya SNR=9.0	83.70	292	↑P	P	17 12 05.9	+1.1
J04C	Chester baz=84,SNR=6.8	83.70	50	↑P	P	17 12 05.8	+1.0
O06A	Christmas Vall baz=84	83.76	47	↓P	P	17 12 05.2	+0.1
D08A	Wollman Farm, baz=84	83.77	43	↑P	P	17 12 04.9	-0.3
K06A	Valley Falls baz=84,SNR=5.6	83.79	48	↑P	P	17 12 06.2	+1.0
E08A	Dider Farm, El baz=84	83.81	44	↑P	P	17 12 05.1	-0.3
H07A	Lands Inn, Kim baz=84	83.88	46	↑P	P	17 12 06.1	+0.4
O05C	Quincy baz=84	83.91	51	↑P	P	17 12 06.0	0.0
ELFS	Eagle Lake Fie baz=84	83.91	50	↑P	P	17 12 06.3	+0.4
MOD	Modoc baz=84,SNR=11	83.94	49	↑P	P	17 12 06.0	0.0
M06C	Likely Place G baz=84	83.97	49	↓P	P	17 12 05.9	-0.2
B09A	Rice baz=84	83.97	42	↑P	P	17 12 06.2	+0.1
C09A	Chrisman Ranch baz=84	84.03	42	↑P	P	17 12 05.9	-0.6
I07A	Ize baz=84	84.04	46	↑P	P	17 12 06.3	-0.2
S04C	Ingram Canyon, baz=84,SNR=5.5	84.12	53	↑P	P	17 12 08.0	+1.0
G08A	Pilot Rock baz=84,SNR=7.1	84.15	44	↑P	P	17 12 07.2	+0.1
F08A	Pendleton baz=84,SNR=6.8	84.15	44	↑P	P	17 12 07.2	+0.1
D09A	Jones Farm, Ri baz=84,SNR=6.9	84.18	43	↑P	P	17 12 07.3	0.0
HAST	UC Hastings Re baz=84	84.18	54	↑P	P	17 12 07.4	+0.1
ARQ	Araji SNR=6.4	84.19	293	↑P	P	17 12 09.0	+1.7
ARQ	SNR=5.9					17 12 09.1	
PACP	Pacheco Peak baz=84	84.25	53	↓P	P	17 12 07.4	-0.2
P05C	Yuba Gap, Truc baz=84	84.28	51	↑P	P	17 12 07.5	-0.2
LAVA	Lava Cap Winer baz=84	84.30	52	↑P	P	17 12 06.6	-1.2
BEKR	Beckworth baz=84,SNR=12	84.35	51	↑P	P	17 12 08.0	-0.1
E09A	Wood Farm, Sta baz=84,SNR=6.0	84.42	44	↑P	P	17 12 08.8	+0.4
RES	Resolute Bay comp=2.2nm,1.4s	84.44	13	eP	P	17 12 07.4	-1.2
H08A	Prairie City baz=84	84.52	46	↑P	P	17 12 08.4	-0.6
K07A	Rock Creek Ran baz=84,SNR=9.8	84.53	48	↑P	P	17 12 10.0	+1.0
N06A	Buffalo Meadow baz=84,SNR=6.2	84.54	50	↑P	P	17 12 09.4	+0.3
L07A	Adel baz=84,SNR=14	84.62	48	↑P	P	17 12 10.8	+1.3
O06A	Flanigan baz=85,SNR=6.1	84.68	50	↑P	P	17 12 10.7	+0.9
CMB	Columbia Colle baz=85,SNR=5.4	84.73	52	↑P	P	17 12 11.1	+1.1
I08A	Drewsey baz=85	84.73	46	↓P	P	17 12 09.4	-0.6
F09A	S2 Ranch, Elgi baz=85	84.77	44	↑P	P	17 12 09.9	-0.3
U04C	Hernandez Rese baz=85	84.79	54	↓P	P	17 12 10.4	+0.1
D10A	Wagner Farm, O baz=85	84.87	43	↑P	P	17 12 10.4	-0.3
M07A	Soldier Meadow baz=85,SNR=9.9	84.89	49	↑P	P	17 12 11.7	+0.9
WCN	Washoe City baz=85	84.93	51	↑P	P	17 12 10.4	-0.6
S05C	Merced baz=85	84.93	53	↓P	P	17 12 10.8	-0.2
J08A	Circle Bar Ran baz=85	84.93	47	↑P	P	17 12 11.1	+0.1
A11A	Hall Mountain, baz=85,SNR=10	84.99	41	↑P	P	17 12 12.6	+1.2
WVOR	Wild Horse Val comp=Z,20nm,1.2s,mb5.1	85.03	48	eP	Pmax	17 12 10.7	-0.8
WVOR	Wild Horse Val comp=Z,20nm,1.2s,mb5.1	85.03	48	eP	Pmax	17 12 10.7	-0.9
K08A	Mann Creek Ran baz=85,SNR=7.2	85.07	47	↑P	P	17 12 11.7	-0.1
PKD	Parkfield baz=85	85.08	54	↑P	P	17 12 11.9	+0.1
B11A	Sandpoint baz=85	85.12	41	↑P	P	17 12 12.0	0.0
E10A	Myers Farm, Un baz=85	85.12	43	↓P	P	17 12 11.7	-0.3
F10A	Beach Ranch, E baz=85	85.16	44	↓P	P	17 12 11.9	-0.3
N07B	Gerlach baz=85,SNR=13	85.17	49	↑P	P	17 12 12.2	0.0
S06C	San Francisco baz=85	85.18	52	↓P	P	17 12 11.7	-0.6
L08A	Fields baz=85,SNR=16	85.30	48	↑P	P	17 12 13.1	+0.2
I09A	Lost Marbles R baz=85	85.30	46	↑P	P	17 12 12.3	-0.6
R06C	Coleville baz=85,SNR=5.6	85.34	52	↑P	P	17 12 14.3	+1.3
BMO	Blue Mountains baz=85	85.39	45	eP	Pmax	17 12 12.4	-0.9
BMO	Blue Mountains comp=Z,32nm,1.4s,mb5.3	85.39	45	eP	Pmax	17 12 12.3	-1.0
O07A	Toulon baz=85	85.39	50	↓P	P	17 12 13.1	-0.3
J09A	Fry Pan Ranch, baz=85,SNR=7.8	85.44	47	↑P	P	17 12 14.2	+0.6
A12A	Yaak River Ran baz=85,SNR=6.5	85.45	41	↑P	P	17 12 14.8	+1.2
M08A	Happy Creek Ra baz=85,SNR=6.2	85.45	49	↑P	P	17 12 15.1	+1.5
T06C	Millerton Lake baz=85	85.49	53	↑P	P	17 12 12.6	-1.2
B12A	Libby baz=85	85.61	41	↑P	P	17 12 15.1	+0.7
K09A	Rome baz=86,SNR=7.7	85.62	47	↑P	P	17 12 14.8	+0.3
KCC	Kaiser Creek baz=86	85.72	53	↓P	P	17 12 13.7	-1.2
E11A	Bogner Ranch, baz=86	85.75	43	↑P	P	17 12 14.7	-0.4
N08A	GE Springer Mi baz=86,SNR=12	85.79	49	↑P	P	17 12 15.2	-0.2
L09A	Wilkinson Ranc baz=86	85.83	48	↑P	P	17 12 15.6	+0.1
H10A	Noah's Angus R baz=86,SNR=8.5	85.84	45	↑P	P	17 12 15.1	-0.4
PKM	Peak Mountain baz=86	85.89	55	↓P	P	17 12 15.9	+0.1
F11A	Grangeville baz=86	85.91	44	↑P	P	17 12 14.9	-1.0
APA	Apatity comp=Z,54nm,1.4s,mb5.6	85.93	339	↑P	Pmax	17 12 14.4	-1.6
APA	APA					17 12 27.5	
APA	APA					17 12 41.0	
HELL	Mitchell Peak, baz=86,SNR=5.5	86.10	53	↑P	P	17 12 17.1	+0.2
KLMR	Klimovskoe comp=Z,51nm,1.5s,mb5.5	86.12	332	eP	S	17 12 13.5	-3.5
KLMR	KLMR					17 22 33.4	-1.6
KLMR	KLMR					17 12 02.9	-0.5
KLMR	KLMR					17 12 04.2	+0.7
M09A	Marrel Ranch, baz=86,SNR=5.1	86.13	48	↑P	P	17 12 17.8	+0.8
N09A	Rock Creek Ran baz=86	86.22	49	↓P	P	17 12 17.8	+0.4
NVAR	Mina Array Bea comp=Z,4.4nm,0.8s,mb4.7,baz=279,slow=6.3,SNR=15	86.23	52	↑P	P	17 12 17.6	+0.1
A13A	Flathead Nat baz=86	86.23	41	↑P	P	17 12 17.9	+0.3
VES	Vestal, Richgr baz=86	86.25	54	↓P	P	17 12 18.0	+0.4
BSMT	Bassoo Peak H11A	86.29	42	↑P	P	17 12 17.6	-0.2
H11A	Donnelly baz=86	86.31	45	↑P	P	17 12 17.6	-0.3
B13A	Whitefish baz=86,SNR=12	86.35	41	↑P	P	17 12 18.7	+0.6
Q08A	Gabbs baz=86	86.41	51	↓P	P	17 12 18.8	+0.4
C13A	Hot Springs baz=86,SNR=6.7	86.48	42	↑P	P	17 12 19.0	+0.3
F12A	Elk City baz=86,SNR=9.8	86.48	44	↑P	P	17 12 19.6	+0.6
H11A	Placerville baz=86,SNR=6.6	86.56	46	↑P	P	17 12 19.5	+0.4
S08C	White Mtn Res baz=86	86.56	52	↑P	P	17 12 19.2	+0.1
O09A	Fish Creek Ran baz=86,SNR=7.1	86.64	50	↑P	P	17 12 19.8	+0.3
D13A	Huson baz=87,SNR=7.1	86.71	42	↑P	P	17 12 20.2	+0.4
M10A	I.L. Ranch, Tu baz=87	86.77	48	↓P	P	17 12 20.5	+0.4
ISA	Isabella baz=87	86.78	54	↑P	P	17 12 19.9	-0.2
MFID	Camas Ranch baz=87	86.78	46	↑P	P	17 12 20.6	+0.4
CWC	Cottonwood Cre baz=87	86.89	53	↑P	P	17 12 20.5	-0.3
Q09A	Carvers baz=87	86.98	51	↑P	P	17 12 22.2	+1.1
E13A	Victor baz=87	87.08	43	↑P	P	17 12 21.3	-0.3
O10A	Cortez Mining, baz=87	87.12	49	↑P	P	17 12 23.2	+1.4
H12A	Diamond D Ranc baz=87,SNR=10	87.15	45	↑P	P	17 12 22.9	+0.9
F13A	Darby baz=87,SNR=20	87.16	44	↑P	P	17 12 21.9	-0.1
R09A	Tonopah baz=87,SNR=8.3	87.22	51	↑P	P	17 12 22.4	+0.1
S09A	Goldfield baz=87,SNR=6.0	87.23	52	↑P	P	17 12 23.1	+0.7
GRAC	Grapevine Rang baz=87	87.31	53	↓P	P	17 12 22.5	-0.3
P10A	Eureka baz=87	87.32	50	↑P	P	17 12 23.5	+0.7
M11A	Holland Ranch, baz=87	87.34	48	↑P	P	17 12 23.6	+0.7
J12A	Stokes Ranch, baz=87	87.34	46	↑P	P	17 12 23.3	+0.3
D14A	Greenough baz=87	87.34	42	↓P	P	17 12 22.6	-0.3
EDW2	Edwards Air Fo baz=87,SNR=5.0	87.35	55	↑P	P	17 12 23.8	+0.9
G13A	Cobalt baz=87,SNR=29	87.43	44	↑P	P	17 12 22.9	-0.4
MPMC	Manual Prospec baz=87	87.45	54	↑P	P	17 12 24.5	+1.0
ARCES	ARCCESS Array B comp=Z,3.1nm,0.6s,mb4.7,baz=342,slow=4.5,SNR=14	87.50	342	eP	LR	17 12 23.0	-0.7
ARCES	ARCCESS Array B comp=Z,339nm,18.1s,MS4.8,baz=59,slow=40	87.50	342	eP	LR	17 58 12.9	
ARCES	ARCCESS Array B comp=Z,1.2nm,0.7s,mb4.5,baz=51,slow=4.7,SNR=12	87.54	43	LR	LR	17 58 12.9	
E14A	Clinton baz=87						

Table with columns: CPNT, comp, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Tololo Astrono and Urewera.

NEIC 18 17:06:17.7, 3825S-17592E, h194km, MG3.8(WEL), After WEL

WEL 18 17:06:17.8, 0.4, 3826S-17591E, h194km, ML3.7/20, 3C-1D, Error ellipse: s-maj=4.7km s-min=4.6km az=0.0, North Island

Main station list table for the 18d 18h period, listing various stations and their parameters.

ISCJB 18 17:44:46.8, 0.5, 5648N-007:1577W, 0.1, h70km, 6km, Mb3.7/11, Error ellipse: s-maj=13.8km s-min=8.7km az=107.3

NEIC 18 17:44:47.5, 5621N-15733W, h20km, ML3.9(AEIC), After AEIC

NEIC Felt in the Chignik Lagoon area, IDC 18 17:44:47.4, 5.2, 5669N-15766W, h50km, 41km, mb3.5/11, mb1.3/7.12, mb1mx3.6/24, mbtmp3.5/12, ML4.4/2, Error ellipse: s-maj=36.9km s-min=18.2km az=34.0

ISC 18 17:44:48.0, 0.5, 5644N-008:1577W, 0.1, h68km, 6km, n27, c1507/30, mb3.7/11, Alaska Peninsula

Continuation of station list table for the 18d 18h period.

NEIC 18 18:02:03.8, 2.8, 525S-1477E, h122km, 30km, Error ellipse: s-maj=34.2km s-min=14.9km az=155.0

ISCJB 18 18:02:05.1, 3.1, 555S-02:1477E, 0.1, h134km, 32km, mb4.1/4, Error ellipse: s-maj=38.0km s-min=17.4km

az=130.9, IDC 18 18:02:07.2, 4.1, 564S-14785E, h145km, 43km, mb3.7/3, mb1.4/0.5, mb1mx3.6/15, mbtmp3.9/5, Error ellipse: s-maj=50.6km s-min=24.8km az=142.0

ISC 18 18:02:06.2, 3.1, 555S-02:1478E, 0.1, h129km, 33km, n12, c0563/13, mb4.1/4, 2C, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Port Moresby and Kakadu.

NEIC 18 18:24:49.3, 1721N-10073W, h20km, MD3.9(MEX), After MEX

MEX 18 18:24:49.1, 1.1, 1719N-10073W, h19km, 37km, MD3.9, Guerrero

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like El Cayaco and Zihuatanejo.

NIED 18 18:00, 3200N-13160E, h32km, Mw4.3 Best double couple: M3.09000x1015 NP1.2x200.00000, 64.00000, lambda=129.00000, NP2.2x82.00000, 346.00000, lambda=37.00000

ISCJB 18 18:28:50.3, 0.5, 3192N-104:13161E, 0.06, h53km, 4km, mb3.9/14, MS3.6/5, Error ellipse: s-maj=8.4km s-min=6.5km az=5.2

JMA 18 18:28:51.4, 0.1, 3198N-13158E, h40km, 1km, M4.0 Broadband fault plane solution: P waves. NP1: phi=76.00000, delta=49.00000, lambda=26.00000, NP2: phi=183.00000, delta=71.00000, lambda=136.00000. Principal axes: T P1/3.00000, Azm=305.00000, N P1/43.00000, Azm=203.00000, P P1/44.00000, Azm=48.00000

JMA Felt II, NEIC 18 18:28:51.7, 0.7, 3192N-13144E, h50km, 7km, mb4.0/1

NEIC 18 18:28:51.7, 0.7, 3192N-13144E, h50km, 7km, mb4.0/1, Error ellipse: s-maj=5.9km s-min=7.6km az=108.0

NEIC Recorded [2 JMA] in Kumamoto and Miyazaki; [1 JMA] in Kagoshima Prefectures.

BUI 18 18:28:51.6, 3190N-13140E, h49km, mb4.8, mb4.2, Ms3.9, Ms2.0

IDC 18 18:28:52.8, 1.3, 3190N-13140E, h60km, 11km, mb3.7/12, mb1.3/9.15, mb1mx3.8/25, mbtmp3.7/15, MS3.5/9, Ms1.3/5.9, ms1mx3.2/42, Error ellipse: s-maj=19.4km s-min=9.3km az=89.0

ISC 18 18:51.6, 0.5, 3190N-003:13156E, 0.06, h48km, 4km, n34, c1907/37, mb3.9/14, MS3.6/5, 2C-4D, Kyushu

Main station list table for the 2006 DEC period, listing various stations and their parameters.

Table with columns: BRTR, VRAC, NVAR, PDAR, ULM. Includes stations like Keskin Array and Pinedale Array.

ISCJB 18 18:51:19.3, 0.6, 686N-007:7307W, 0.07, h162km, 8km, mb3.5/5, Error ellipse: s-maj=14.3km s-min=7.9km az=105.2

NEIC 18 18:51:20.2, 0.7, 680N-73:11W, h159km, 7km, Error ellipse: s-maj=11.3km s-min=10.4km az=146.0

IDC 18 18:51:20.1, 0.7, 678N-72:96W, h158km, 7km, mb3.3/5, mb1.3/6.9, mb1mx3.4/22, mbtmp3.5/6, Error ellipse: s-maj=17.0km s-min=7.3km az=130.0

ISC 18 18:51:20.7, 0.6, 678N-007:7300W, 0.06, h157km, 8km, n19, c1827/22, mb3.5/5, 2D, Northern Colombia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like El Rosal and Santo Domingo.

NIED 18 18:54:00, 4680N-15320E, h20km, Mw4.0 Best double couple: M3.91000x1014 NP1.1x308.00000, 389.00000, lambda=220.00000, NP2.2x218.00000, 379.00000, lambda=179.00000

IDC 18 18:54:37.9, 0.8, 4677N-15287E, h6km, mb3.8/16, mb1.4/0.17, mb1mx4.0/26, mbtmp3.8/17, ML3.3/1, MS3.2/3, Ms1.3/2.3, ms1mx2.9/37, Error ellipse: s-maj=23.6km s-min=17.2km az=192.0

NEIC 18 18:54:39.0, 0.6, 4669N-15290E, h10km, mb4.2/1, Error ellipse: s-maj=15.6km s-min=10.7km az=143.0

JMA 18 18:54:41.7, 0.8, 4681N-15318E, h43km, Mw4.5

MOS 18 18:54:42.4, 1.3, 4677N-15277E, h44km, mb4.4/1, Error ellipse: s-maj=19.9km s-min=15.0km az=81.9

ISCJB 18 18:54:43.8, 1.1, 464N-01:1530E, 0.1, h68km, 6km, mb4.0/22, Error ellipse: s-maj=21.9km s-min=7.1km az=117.7

ISC 18 18:54:45.4, 0.9, 465N-01:1530E, 0.1, h60km, 8km, n60, c1847/66, mb4.1/22, MS3.3/2, 1C-2D, Kuril Islands

Main station list table for the 2006 DEC period, listing various stations and their parameters.

18d 20h

Table of station data for 18d 20h, including station names, coordinates, and various parameters like frequency and power.

2006 DEC

Main table of station data for 2006 DEC, listing stations like KRSR, LIC, BOS, etc., with their respective coordinates and parameters.

608

Table of station data for 608, including stations like GRG, EVR, AGG, etc., with their coordinates and parameters.

Table with columns: LFRS, El Faro, 0.73 731eP, x, 20 40 34.5, etc. Includes stations like Las Brisas, La Ceiba, Terracristo 2, etc.

ISCJJB 18 20:52:29.9-0.7, 6.8N-02:730W-0.2, h175km, 10km, mb3.6/4, Error ellipse: s-maj=34.0km s-min=9.5km az=91.5

IDC 18 20:52:30.4-0.7, 6.72N-72.92W, h166km, 7km, mb3.5/4, mb1 3.7/7, mb1mx3.4/21, mb1mp3.7/7, Error ellipse: s-maj=26.4km s-min=8.0km az=132.0

NEIC 18 20:52:30.8-0.7, 6.70N-72.95W, h172km, 8km, Error ellipse: s-maj=21.7km s-min=10.6km az=138.0

ISC 18 20:52:31.1-0.7, 6.8N-02:730W-0.1, h167km, 10km, n11, +0545/3, mb3.6/4, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like ROSC El Rosal, ROSC 97nm, ROSC El Rosal, SDV Santo Domingo, etc.

IDC 18 21:06:43.3-1.2, 0.54N-99.93E, h0km, mb3.8/9, mb1 4.0/10, mb1mx3.8/23, mb1mp3.9/10, M1.4/1, MS3.2/4, M1 3.2/4, ms1mx2.8/29, Error ellipse: s-maj=62.4km s-min=16.0km az=54.0

ISCJJB 18 21:06:45.9-0.7, 0.43N-009:998E-0.1, h35km, mb4.1/12, MS3.3/3, Error ellipse: s-maj=17.2km s-min=9.3km az=108.0

NEIC 18 21:06:47.7-0.7, 0.58N-100.01E, h30km, Error ellipse: s-maj=27.0km s-min=10.9km az=58.0

ISC 18 21:06:48.3-0.8, 0.048N-009:998E-0.1, h35km, n20, +085/22, mb4.1/12, MS3.3/3, Northern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like PSI Prapat, PSI 44nm, PSI 122nm, KGM Kluang, KULM Kulim, GUN Gumba, etc.

STR 18 21:17:55.7-0.5, 4.452N-72.4E, h5km, 1km, M1.2, 1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 18 21:17:55.4-0.1, 4.452N-72.7E, h2km, M1.6/1, M1.5/6, Error ellipse: s-maj=1.2km s-min=0.6km az=74.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like SURF Saint Ours, MG22 Abries, CG22 Montbardon, etc.

ATH 18 21:28:19.6, 40.46N-20.31E, h9km, 5km, MD3.3/3, CSEM 18 21:28:21.8-0.1, 40.27N-20.39E, h2km, ML2.5, Error ellipse: s-maj=1.7km s-min=1.1km az=143.0

ISCJJB 18 21:28:21.8-0.1, 40.25N-20.45E-0.03, h1km, 4km, Error ellipse: s-maj=4.7km s-min=3.1km az=182.0

SKO 18 21:28:22.8, 40.21N-20.47E, h2km, THE 18 21:28:23.0, 40.25N-20.47E, h10km, ML2.5

NEIC 18 21:28:23.0, 40.25N-20.47E, h0km, MD3.3(A)TH, ML2.9(TH), After THE

ISC 18 21:28:22.4-0.4, 40.23N-002:2044E-0.03, h3km, 4km, n35, +0591/53, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like LSK Leskovik, TPE Tepelena, SRN Sarande, etc.

ISCJJB 18 21:38:58.4-0.6, 40.58N-003:2361E-0.06, h15km, 5km, Error ellipse: s-maj=7.6km s-min=4.2km az=146.0

CSEM 18 21:38:59.6-0.1, 40.58N-23.59E, h8km, ML2.2, Error ellipse: s-maj=1.8km s-min=1.2km az=74.0

THE 18 21:38:59.4, 40.58N-23.59E, h8km, ML2.2

ATH 18 21:38:59.6, 40.59N-23.57E, h16km, MD3.2/3

ISC 18 21:38:58.6-0.6, 40.58N-004:2361E-0.08, h19km, 8km, n13, +054/22, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like PLG Polygyros, SOH Sokhos, OUR Ouranopolis, etc.

IDC 18 21:50:39.4-1.8, 23.27S-179.94W, h537km, 18km, mb3.8/11, mb1 4.0/11, mb1mx3.7/17, mb1mp3.9/11, Error ellipse: s-maj=19.3km s-min=15.2km az=171.0

ISCJJB 18 21:50:42.2-2.1, 23.33S-02:1798E-0.1, h584km, 26km, mb4.3/13, Error ellipse: s-maj=24.1km s-min=13.1km az=150.9

NEIC 18 21:50:44.8-2.3, 23.27S-179.85E, h603km, 26km, mb4.1/3, Error ellipse: s-maj=17.0km s-min=14.1km az=128.0

ISC 18 21:50:43.0-2.1, 23.45S-02:17992E-0.10, h580km, 26km, n39, +0556/26, mb4.3/13, AD, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like HNR Honiara, CTA Charters Tower, PMG Port Moresby, etc.

Table with columns: VVDA Kellerrberin, MAW Mawson, NVAR Main Array Be, etc.

TXAR Lajitas Array, 90.21 58 P, 2.2nm, 0.8s, mb4.1, baz=214, slow=6.2, SNR=21

BW06 Boulder Array, 92.36 44 eP, 1.0nm, 0.6s, mb4.0

PDAR Pinedale Array, 92.36 44 P, 1.1nm, 0.7s, mb4.0, baz=208, slow=4.6, SNR=9.6

MKAR Makanchi Array, 117.73 313 PKiKP, 0.4nm, 0.5s, mb3.6, baz=17, slow=1.7, SNR=7.5

ARCES ARCES Array B, 131.34 348 PKP, 15nm, 1.2s, baz=52, slow=2.2, SNR=5.1

ARCES ARCES Array B, 131.34 348 PKP, 15nm, 1.2s, baz=52, slow=2.2, SNR=5.1

FINES FINES Array B, 137.91 342 PKiKP, 1.0nm, 0.7s, baz=17, slow=2.6, SNR=4.4

FINES FINES Array B, 137.91 342 PKP, 1.0nm, 0.7s, baz=17, slow=2.6, SNR=4.4

FINES FINES Array B, 137.91 342 PKP, 1.0nm, 0.7s, baz=17, slow=2.6, SNR=4.4

NOA NORSTAR Subarray A1, 151.53 351 PKiKP, comp=Z, 0.7nm, 0.5s, baz=13, slow=3.1

NOA NORSTAR Array B, 141.54 351 PKiKP, comp=Z, 0.9nm, 0.7s, baz=17, slow=2.3, SNR=4.5

AKASG Main Array Be, 144.48 328 PKP, comp=Z, 2.9nm, 0.5s, baz=43, slow=3.3, SNR=14

AKASG Main Array Be, 144.48 328 PKP, comp=Z, 2.9nm, 0.5s, baz=43, slow=3.3, SNR=14

AKASG Main Array Be, 144.48 328 PKP, comp=Z, 2.9nm, 0.5s, baz=43, slow=3.3, SNR=14

BR131 Keskin Array S, 147.19 308 ePKPbc, comp=Z, 0.3nm, 0.6s, baz=243, slow=5.3, SNR=3.6

BRTR Keskin Array B, 147.19 308 PKP, comp=Z, 0.3nm, 0.6s, baz=243, slow=5.3, SNR=3.6

BRTR Keskin Array B, 147.19 308 PKP, comp=Z, 0.3nm, 0.6s, baz=243, slow=5.3, SNR=3.6

NIE Niedzica, 149.44 333 ePKP, comp=Z, 0.2nm, 0.7s, baz=123, slow=6.1, SNR=4.1

CLL Colim, 150.32 343 ePKPbc, comp=Z, 1.0nm, 0.7s, baz=123, slow=6.1, SNR=4.1

CLL Colim, 150.32 343 ePKPbc, comp=Z, 1.0nm, 0.7s, baz=123, slow=6.1, SNR=4.1

BRG Berggiesshobel, 150.45 342 iP, comp=Z, 3.2nm, 0.6s, baz=145, slow=5.3, SNR=3.6

GERES GRESS Array B, 152.32 340 PKPbc, comp=Z, 0.2nm, 0.4s, baz=349, slow=2.7, SNR=4.2

TORDI Torodi Arr, 169.70 190 PKP, comp=Z, 2.0nm, 1.2s, baz=221, slow=1.4, SNR=4.8

CSEM 18 22:36:59.5-1.3, 38.12N-266.69W, h3km, 4km, ML3.1, Error ellipse: s-maj=4.0km s-min=2.9km az=38.0

PDA 18 22:36:59.5-1.3, 38.12N-266.69W, h3km, 4km, MD3.1, ML3.1, Error ellipse: s-maj=4.0km s-min=2.9km az=38.0

SVSA 18 22:36:59.5-1.3, 38.12N-266.69W, h3km, 4km, MD3.1, ML3.1, Error ellipse: s-maj=4.0km s-min=2.9km az=38.0

Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like PFAV Pico das Favas, RIB2 Ribeirinha, ADH Angra Heroismo, etc.

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCED Cedros, PSMN Pico do Norte.

IDC 18 23:05:60.0.0.8, 21525x17450W, h0km, mb4.3/10, mb1.4/6.11, mb1mx4.4/18, mbtmpa.3/11, ML4.3/1, MS3.7/4, Ms1.3/7.4, ms1mx3.3/20, Error ellipse: s-maj=33.1km, s-min=18.2km az=136.0

ISCJB 18 23:06:04.2.0.4, 21535x008x17461W, 0.0, h35km, mb4.4/17, MS3.9/2, Error ellipse: s-maj=13.3km, s-min=10.5km az=75.6

NEIC 18 23:06:05.7.0.3, 21535x17452W, h35km, mb4.6/7, Error ellipse: s-maj=13.0km s-min=8.8km az=121.0

ISC 18 23:05:09.0.4.2, 21545x008x17453W, 0.0, h35km, n71, s089/34, mb4.4/17, MS3.9/2, 2C-5S, Tonga Islands

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AFI Afiamalu, AFI Afiamalu, AFI Afiamalu, etc.

ISCJB 18 23:46:12.6.1.3, 676S:005:15454E:005, h39km 11km, mb4.9/54, MS4.7/30, Error ellipse: s-maj=8.4km, s-min=7.9km az=163.3

MOS 18 23:46:13.4.1.5, 670S:15450E, h37km, mb5.0/17, MS4.7/6, Error ellipse: s-maj=9.9km s-min=9.1km az=112.7

BJI 18 23:46:13.9.627S:15520E, h60km, mb5.4, mb5.0, Ms5.0, Ms24.6

IDC 18 23:46:16.6.2.4, 680S:15432E, h61km 19km, mb4.3/12, mb1.4/5.14, mb1mx4.4/16, mbtmpa.3/14, MS4.6/21, Ms1.4/6/21, ms1mx4.5/27, Error ellipse: s-maj=14.0km s-min=10.8km az=87.0

GCMT 18 23:46:16.8.0.2, 699S:15460E, h16km, MW5.3/30, Moment Tensor Solution, s78,c113; s90,c155; Duration: 1s1 Moment tensor: Scale 10^17N; Mo0.90z:02; Mo0.47z:01; Mo0.43z:02; Mo0.60z:05; Mo0.46z:01; Mo0.42z:05; Best double couple:

M=1.1690x10^17 Np1,0.319,0.0000, 0.26,0.0000, 1.100,0.0000, NP2,0.128,0.0000, 0.64,0.0000, 1.85,0.0000; Principal axes: T 1.1690, P1g70.0000, Azm28.0000; N 0.0030, P1g4.0000, Azm130.0000; P -1.1710, P1g19.0000, Azm22.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 18 23:46:16.8.1.2, 681S:15458E, h62km 11km, mb4.8/16 Error ellipse: s-maj=9.1km s-min=8.2km az=187.0

ISC 18 23:46:16.0.1.1, 682S:005:15459E:005, h54km, 10km, h53km, 6.1km, pp-P, n158, s111/22, mb4.9/54, MS4.7/30, 9C-4D, Bougainville - Solomon Islands region

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HNR Honiara, HNR Honiara, HNR Honiara, etc.

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DGAR Diego Garcia, IMA2 Indian Mountain, MKAD Karad, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LPIG La Paz, LPIG Lajitas, LPIG LTX, etc.

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

IDC 19 00:06:18.8-1.1, 24.12N:109.13W, h0km, mb4.1/6, mb1.4/9, mb1mx3.7/30, mbrmp4.1/9, ML4.2/3, MS3.9/13, Ms1.9/13, ms1mx3.7/30, Error ellipse: s-maj=19.6km s-min=10.3km az=167.0

IDC 19 00:06:36.3-3.5, 67.1S:154.26E, h0km, mb3.6/3, mb1.3/8/3, mb1mx3.6/14, mbrmp3.3/7, Error ellipse: s-maj=124.4km s-min=34.8km az=116.0, Bougainville - Solomon Islands region

IDC 19 00:13:16.3-0.8, 68.1S:126.77E, h386km, mb4.4/8, Error ellipse: s-maj=16.8km s-min=10.7km az=108.2

19d 1h

Table with columns: MAJO, Matsuhiro, 44.51, 13, eP, P, 00 20 51.5 -1.1, etc. Includes stations like MAJO, MAT, LSA, GTA, RPZ, SONM, BOD, MKAR, YAK, ZAL, KURK, VDA, VNA, MAW, BRVK, OPO, TIXI, QSPA, PMR, SNA, SNA, EIL, ANMO, TORO, LPAZ, etc.

CSEM 19 00:19:35.9, 6784N-2020E, h18km, ML3.0, Mining explosion. After UPP. HEL 19 00:19:41.7, 6807N-2005E, h0km, ML2.0(UPP), Explosion. UPP 19 00:19:35.9, 6784N-2020E, h18km, ML3.0, Mining explosion., Sweden

IDC 19 00:36:57.1, 1.4, 5328N-13631W, h0km, mb3.5/3, mb1 3.9/8, mb1mx3.7/24, mbtmbp3.7/8, ML3.3/5, Error ellipse: s-maj=33.8km s-min=18.4km az=48.0. ISCBJ 19 00:36:59.2, 0.7, 5351N-100.4, 13540W, 0.9, h10km, mb3.5/2, Error ellipse: s-maj=7.8km s-min=5.3km az=136.0. PGC 19 00:36:59.2, 0.1, 5308N-13524W, h10km, ML3.6/4, 228km southwest of Sandspit, Bc West Of Vancouver Island. NEIC 19 00:37:04.0, 0.9, 5353N-13550W, h35km, mb3.8/1, Error ellipse: s-maj=16.8km s-min=6.5km az=65.0. ISC 19 00:37:01.0, 0.7, 5350N-100.4, 13534W, 0.09, h10km, n30, r151/36, mb3.5/2, West of Vancouver Island

2006 DEC

Table with columns: YKA, Yellowknife Ar, 14.14, 42, Pn, Pn, 00 40 22.7 +1.4, etc. Includes stations like YKA, YBH, INK, IMA2, WVOR, QLMT, NLRV, PDAR, MSU, TXAR, MKAR, etc.

MOS 19 00:44:48.1, 0.8, 5575N-11013E, h10km, mb4.2/1, Error ellipse: s-maj=17.4km s-min=11.0km az=56.1. BYKL 19 00:44:49.5, 0.4, 5572N-11013E, h6km, 7km, 3C, Lake

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NIZ, NIZH, KMO, YOA, YLYR, SVKR, SYVR, OGRR, etc.

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Table with columns: TLY, Talaya, 5.59, 226, ePN, Pn, 00 46 11.7 -1.4, etc. Includes stations like TLY, ARS, KPC, ZAK, MOY, ORL, etc.

CSEM 19 01:07:01.6, 6720N-2067E, h0km, ML3.0, Mining explosion. After UPP. UPP 19 01:07:01.6, 6720N-2067E, h0km, ML3.0, Mining explosion.

HEL 19 01:07:02.4, 0.1, 6718N-2067E, h0km, ML3.0(UPP), Explosion, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DUNU, KUA, NIKU, PAJU, SJUU, KIF, SGF, MSF, KU6, etc.

IDC 19 01:23:03.1, 6.5, 6248N-15329W, h116km, 32km, mb2.8/2, mb1 3.1/5, mb1mx2.9/24, mbtmbp2.6/5, Error ellipse: s-maj=127.1km s-min=21.6km az=103.0. ISCBJ 19 01:23:05.0, 0.4, 6239N-003.15152W, 0.08, h91km, 7km, mb3.1/2, Error ellipse: s-maj=6.0km s-min=5.0km az=10.9. NEIC 19 01:23:07.1, 6237N-15149W, h86km, MG3.1(AEIC), After AEIC.

ISC 19 01:23:06.4, 0.4, 6239N-003.15153W, 0.08, h83km, 8km, n28, c085/39, mb3.1/2, Central Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KTH, TRF, GHO, PMR, RC01, SML, KNK, MCK, SLKM, TT01, SVW2, SEW2, PAX, COLA, EYAK, EYAK, GCSA, DOT, MENT, IMA2, KDAK, EGAK, DAWY, DAWY, INK, etc.

NEIC 19 01:41:37.6, 1.3, 591S-14925E, h10km, mb4.3/1, Error ellipse: s-maj=35.7km s-min=13.2km az=97.0. IDC 19 01:41:43.7, 6.6, 599S-14903E, h49km, 61km, mb3.3/2, mb1 3.6/4, mb1mx3.4/14, mbtmbp3.5/4, ML3.3/2, Error ellipse: s-maj=84.4km s-min=15.5km az=109.0. ISCBJ 19 01:41:44.2, 4.1, 61S-01.1490E, 0.3, h66km, 30km, mb3.7/4, Error ellipse: s-maj=50.0km s-min=23.0km az=1.9. ISC 19 01:41:45.8, 4.3, 61S-02.1490E, 0.3, h66km, 32km, n11, r111/13, mb3.7/4, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PMG, PMG, PMG, WB2, etc.

Table with columns: Code, Station Name, Az, El, Smax, Smin, Smax, Smin, Time, Res. Includes stations like Ulan-Yde, Chita, Khuramsha, Chara, Listvyanka, Talaya, Tupik, Knapcheranga, Zakamensk, Suvo, Orlik, Bodaibo, etc.

IDC 19 02:55:22.6: 1.7, 2152x17452W, h0km, mb4.0/6, mb1.4, 3/6, mb1mx4.1/16, mbtrnp4.0/6, MS3.5/4, Ms1.3/5/4, ms1mx3.3/27, Error ellipse: s-maj=70.6km s-min=25.9km az=156.0

NEIC 19 02:55:29.4: 1.0, 2072S-17484W, h35km, Error ellipse: s-maj=43.5km s-min=15.4km az=142.0, Tonga Islands

Table with columns: Code, Station Name, Az, El, Smax, Smin, Smax, Smin, Time, Res. Includes stations like Afiama, Mont Dzumac, Tubuai, Papeete, Honiara, Alice Springs, Warramunga Arr, Matushiro Arr, Korea Arr, Nivar, TXAR, Malin Array Be, Collim, Berggiesshubel, Keskin Array B, Geres Array B, etc.

ISCJB 19 03:11:08.5: 0.3, 5563N-002:11014E-003, h10km, mb3.7/8, MS2.9/2, Error ellipse: s-maj=3.7km s-min=2.4km az=121.8

IDC 19 03:11:08.7: 1.2, 5570N-11010E, h0km, mb3.7/6, mb1.3.8/8, mb1mx3.6/24, mbtrmp3.7/8, ML3.7/2, MS3.0/2, Ms1.3/0/2, ms1mx2.6/28, Error ellipse: s-maj=28.7km s-min=19.7km az=95.0

NEIC 19 03:11:09.6: 0.7, 5579N-11019E, h10km, mb4.0/3, Error ellipse: s-maj=14.6km s-min=10.1km az=124.0

MOS 19 03:11:09.0: 1.2, 5571N-11007E, h13km, mb4.5/3, Error ellipse: s-maj=9.8km s-min=6.4km az=71.5

BYKL 19 03:11:10.1: 0.3, 5566N-11012E, h1km, 4km

ISC 19 03:11:10.1: 0.3, 5569N-11015E-003, h10km, n68, e130/114, mb3.7/8, MS2.9/2, 7C-2D, Lake Baykal region

Table with columns: Code, Station Name, Az, El, Smax, Smin, Smax, Smin, Time, Res. Includes stations like Nizh Angarsk, Kumora, Uoyan, Severomysk, Suvo, Orlik, Bodaibo, etc.

IDC 19 03:11:08.5: 0.3, 5563N-002:11014E-003, h10km, mb3.7/8, MS2.9/2, Error ellipse: s-maj=3.7km s-min=2.4km az=121.8

NEIC 19 03:11:09.6: 0.7, 5579N-11019E, h10km, mb4.0/3, Error ellipse: s-maj=14.6km s-min=10.1km az=124.0

MOS 19 03:11:09.0: 1.2, 5571N-11007E, h13km, mb4.5/3, Error ellipse: s-maj=9.8km s-min=6.4km az=71.5

BYKL 19 03:11:10.1: 0.3, 5566N-11012E, h1km, 4km

ISC 19 03:11:10.1: 0.3, 5569N-11015E-003, h10km, n68, e130/114, mb3.7/8, MS2.9/2, 7C-2D, Lake Baykal region

Table with columns: Code, Station Name, Az, El, Smax, Smin, Smax, Smin, Time, Res. Includes stations like Chita, Kabansk, Khuramsha, Chita, etc.

Table with columns: Code, Station Name, Az, El, Smax, Smin, Smax, Smin, Time, Res. Includes stations like Chara, Irkutsk, Listvyanka, Talaya, Tupik, Knapcheranga, Arshan, etc.

IDC 19 03:11:08.5: 0.3, 5563N-002:11014E-003, h10km, mb3.7/8, MS2.9/2, Error ellipse: s-maj=3.7km s-min=2.4km az=121.8

NEIC 19 03:11:09.6: 0.7, 5579N-11019E, h10km, mb4.0/3, Error ellipse: s-maj=14.6km s-min=10.1km az=124.0

MOS 19 03:11:09.0: 1.2, 5571N-11007E, h13km, mb4.5/3, Error ellipse: s-maj=9.8km s-min=6.4km az=71.5

BYKL 19 03:11:10.1: 0.3, 5566N-11012E, h1km, 4km

ISC 19 03:11:10.1: 0.3, 5569N-11015E-003, h10km, n68, e130/114, mb3.7/8, MS2.9/2, 7C-2D, Lake Baykal region

Table with columns: Code, Station Name, Az, El, Smax, Smin, Smax, Smin, Time, Res. Includes stations like Chita, Kabansk, Khuramsha, Chita, etc.

ISCJB 19 03:17:22.4±0.3,4833N:002:658E:002,h15km,3km,
 Error ellipse: s-maj=3.0km s-min=2.6km az=0.7
 CSEM 19 03:17:24.1±0.1,4835N:665E,h10km,ML2.4/14,Error
 ellipse: s-maj=1.0km s-min=0.8km az=24.0
 LDG 19 03:17:24.3±0.0,4834N:664E,h12km,MD2.7/4,MI2.5/15,
 Error ellipse: s-maj=1.0km s-min=0.7km az=161.0
 NEIC 19 03:17:24.3,4834N:664E,h12km,ML2.1(STP),
 ML2.5(LDG),After LDG.
 STR 19 03:17:24.4±0.1,4833N:667E,h5km,1km,MI2.1,Error
 ellipse: s-maj=0.0km s-min=0.0km az=1.0
 BGR 19 03:17:25.8±1.0,4842N:680E,h5km,ML1.3,Error
 ellipse: s-maj=1.1km s-min=4.4km az=33.0
 ISC 19 03:17:23.2±0.3,4834N:002:664E:002,h19km,3km,n59,
 #093/118,France

Code	Station Name	A°	AZ°	Phase	ID	ISC	Time	Res
							h m s	h m s
ECH	Echery	0.37	109	Pg	Pg		03 17 31.3	+0.3
ECH	Echery	0.37	109	Sg	Sg		03 17 35.9	-0.4
HAU	Haudompres	0.39	210	eP	Pg		03 17 32.0	+0.7
HAU	69nm,0.3s			eSg	Sg		03 17 37.4	+0.6
HAU	Haudompres	0.39	210	eP	Pg		03 17 32.0	+0.7
HAU	35nm,0.3s			eSg	Sg		03 17 37.4	+0.6
CDF	Champ du Feu	0.43	80	eP	Pg		03 17 32.3	+0.2
CDF	25nm,0.2s,SNR=1.0			eSg	Sg		03 17 37.8	-0.3
CDF	SNR=1.0			eSg	Sg		03 17 41.5	+3.4
CDF	Champ du Feu	0.43	80	eP	Pg		03 17 32.3	+0.2
CDF	12nm,0.2s,SNR=1.0			eSg	Sg		03 17 37.8	-0.3
CDF	SNR=1.0			eSg	Sg		03 17 41.5	+3.4
THEF	They Montfort	0.45	256	Pg	Pg		03 17 33.0	+0.6
HINF	Hinterfall	0.54	164	eP	Pg		03 17 38.8	+1.2
HINF	43nm,0.2s,SNR=1.0			eSg	Sg		03 17 45.0	0.0
HINF	SNR=1.0			eSg	Sg		03 17 44.3	+2.8
HINF	Hinterfall	0.54	164	eP	Pg		03 17 34.5	+0.4
HINF	21nm,0.2s,SNR=1.0			eSg	Sg		03 17 41.5	0.0
HINF	SNR=1.0			eSg	Sg		03 17 44.3	+2.8
MOF	Molkenrain	0.59	146	Pg	Pg		03 17 35.4	+0.4
RFYF	Refroy	0.82	291	eP	Pn		03 17 40.3	+0.5
RFYF	41nm,0.2s			eSg	Sg		03 17 51.2	+0.9
RFYF	Refroy	0.82	291	eP	Pn		03 17 40.3	+0.5
RFYF	20nm,0.2s			eSg	Sg		03 17 51.2	+0.9
LOMF	Lomont	1.00	173	Pg	Pg		03 17 43.4	+0.8
LANF	Langenberg	1.01	50	Pg	Pg		03 17 56.8	+1.0
LANF	Langenberg	1.01	50	Sg	Pg		03 17 43.6	+0.8
BBS	Basel-Blauen	1.05	146	Pg	Pg		03 17 57.0	+1.0
BBS	Basel-Blauen	1.05	146	Sg	Pg		03 17 43.4	+0.6
MEZF	Maizieres J'vi	1.07	279	eP	Pg		03 17 58.4	+0.8
MEZF	18nm,0.3s,SNR=1.0			eSg	Sg		03 17 44.4	+0.4
MEZF	Maizieres J'vi	1.07	279	eP	Pg		03 17 44.4	+0.4
MEZF	8xnm,0.3s,SNR=1.0			eSg	Sg		03 17 45.3	+0.2
MEZF	baz=101			eSg	Sg		03 17 57.7	-0.3
MEZF	Maizieres J'vi	1.07	279	eP	Pg		03 17 45.3	+0.2
MEZF	baz=92			eSg	Sg		03 17 57.7	-0.3
SFTF	Sextfontaines	1.08	263	eP	Pn		03 17 43.8	+0.5
SFTF	13nm,0.2s			eSg	Sg		03 17 44.5	+0.4
SFTF	Sextfontaines	1.08	263	eP	Pn		03 17 43.8	+0.5
SFTF	13nm,0.2s			eSg	Sg		03 17 58.7	+0.5
SFTF	Sextfontaines	1.08	263	eP	Pn		03 17 44.5	+0.4
SFTF	6.5nm,0.2s			eSg	Sg		03 17 44.5	+0.4
BFO	Black Forest	1.13	90	eP	Pg		03 17 57.7	+0.5
BFO	SNR=5.5			eSg	Sg		03 17 45.4	+0.2
BFO	Black Forest	1.13	90	eP	Pg		03 17 58.4	-1.6
BFO	SNR=12			eSg	Sg		03 17 45.4	+0.2
WLF	Walferdange	1.36	347	eP	Pg		03 17 57.8	-2.2
WLF	SNR=1.4			eSg	Sg		03 17 50.6	+1.0
WLF	Walferdange	1.36	347	eP	Pg		03 18 07.4	0.0
STU	Stuttgart	1.75	75	eSg	Sg		03 17 58.0	-2.2
STU	SNR=2.6			eSg	Sg		03 18 07.4	0.0
STU	Stuttgart	1.75	75	eSg	Sg		03 18 17.6	-2.2
CABF	La Chapelle	1.77	192	eP	Pg		03 17 57.7	+0.4
CABF	SNR=1.0			eSg	Sg		03 18 19.8	-0.5
CABF	La Chapelle	1.77	192	eP	Pg		03 18 19.8	-0.5
CABF	SNR=1.0			eSg	Sg		03 17 57.7	+0.4
CABF	11nm,0.5s,SNR=1.0			eSg	Sg		03 18 19.8	-0.5
CABF	La Chapelle	1.77	192	eP	Pg		03 17 53.7	+0.9
CABF	SNR=1.0			eSg	Sg		03 18 07.4	0.0
CABF	La Chapelle	1.77	192	eP	Pg		03 18 19.8	-0.5
CABF	SNR=1.0			eSg	Sg		03 17 57.7	+0.4
CABF	5.3nm,0.5s,SNR=1.0			eSg	Sg		03 18 19.8	-0.5
GIVF	Givet	2.13	327	eP	Pg		03 18 03.9	-0.2
GIVF	2.2nm,0.2s,SNR=1.0			eSg	Sg		03 18 30.4	-1.3
GIVF	Givet	2.13	327	eP	Pg		03 18 00.4	+2.7
GIVF	SNR=1.0			eSg	Sg		03 18 03.9	-0.2
GIVF	Givet	2.13	327	eP	Pg		03 18 30.4	-1.3
GIVF	SNR=1.0			eSg	Sg		03 18 03.9	-0.2
GIVF	Givet	2.13	327	eP	Pg		03 18 00.4	+2.7
GIVF	SNR=1.0			eSg	Sg		03 18 30.4	-1.3
LOR	Lormes	2.16	241	eP	Pn		03 18 03.9	-0.2
LOR	1.1nm,0.2s,SNR=1.0			eSg	Sg		03 17 58.4	+0.2
LOR	Lormes	2.16	241	eP	Pn		03 18 04.5	-0.2
LOR	baz=61,SNR=1.0			eSg	Sg		03 18 04.5	-0.2
LOR	Lormes	2.16	241	eP	Pn		03 18 32.8	+0.1
LOR	7.8nm,0.2s,SNR=1.0			eSg	Sg		03 18 04.5	-0.2
LOR	Lormes	2.16	241	eP	Pn		03 17 58.4	+0.2
LOR	baz=60,SNR=1.0			eSg	Sg		03 18 04.5	-0.2
LOR	Lormes	2.16	241	eP	Pn		03 18 04.5	-0.2
LOR	baz=60,SNR=1.0			eSg	Sg		03 18 32.8	+0.1
LOR	Lormes	2.16	241	eP	Pn		03 18 04.5	-0.2
LOR	baz=60,SNR=1.0			eSg	Sg		03 18 32.8	+0.1
LOR	Lormes	2.16	241	eP	Pn		03 18 04.5	-0.2
LOR	baz=60,SNR=1.0			eSg	Sg		03 18 32.8	+0.1
TNS	Tanus Mts	2.23	32	eSg	Sg		03 18 32.9	-2.0
BAIF	Baives	2.34	318	eP	Pg		03 18 08.0	-0.2
BAIF	2.9nm,0.4s,SNR=1.0			eSg	Sg		03 18 37.5	-1.2
BAIF	Baives	2.34	318	eP	Pg		03 18 08.0	-0.2
BAIF	SNR=3.6			eSg	Sg		03 18 37.5	-1.2
BAIF	Baives	2.34	318	eP	Pg		03 18 08.0	-0.2
BAIF	SNR=3.6			eSg	Sg		03 18 37.5	-1.2
SSF	Saint Sauge	2.47	240	eP	Pg		03 18 10.1	-0.5
SSF	1.5nm,0.4s,SNR=1.0			eSg	Sg		03 18 42.4	-0.3
SSF	Saint Sauge	2.47	240	eP	Pg		03 18 02.9	+0.4
SSF	SNR=1.0			eSg	Sg		03 18 10.1	-0.5
SSF	Saint Sauge	2.47	240	eP	Pg		03 18 02.9	+0.4
SSF	SNR=1.0			eSg	Sg		03 18 10.1	-0.5
SSF	Saint Sauge	2.47	240	eP	Pg		03 18 02.9	+0.4
SSF	SNR=1.0			eSg	Sg		03 18 10.1	-0.5
SSF	Saint Sauge	2.47	240	eP	Pg		03 18 02.9	+0.4
SSF	SNR=1.0			eSg	Sg		03 18 10.1	-0.5
SMF	Signal de Mont	2.54	229	eP	Pg		03 18 12.1	+0.1
SMF	SNR=1.0			eSg	Sg		03 18 12.1	+0.1
SMF	Signal de Mont	2.54	229	eP	Pg		03 18 12.1	+0.1
SMF	SNR=1.0			eSg	Sg		03 18 44.5	-0.5
SMF	Signal de Mont	2.54	229	eP	Pg		03 18 12.1	+0.1
SMF	SNR=1.0			eSg	Sg		03 18 44.5	-0.5
SMF	Signal de Mont	2.54	229	eP	Pg		03 18 12.1	+0.1
SMF	SNR=1.0			eSg	Sg		03 18 44.5	-0.5
SMF	Signal de Mont	2.54	229	eP	Pg		03 18 12.1	+0.1
SMF	SNR=1.0			eSg	Sg		03 18 44.5	-0.5
SMF	Signal de Mont	2.54	229	eP	Pg		03 18 12.1	+0.1
SMF	SNR=1.0			eSg	Sg		03 18 44.5	-0.5
SMF	Signal de Mont	2.54	229	eP	Pg		03 18 12.1	+0.1
SMF	SNR=1.0			eSg	Sg		03 18 44.5	-0.5
SMF	Signal de Mont	2.54	229	eP	Pg		03 18 12.1	+0.1
SMF	SNR=1.0			eSg	Sg		03 18 44.5	-0.5
SMF	Signal de Mont	2.54	229	eP	Pg		03 18 12.1	+0.1
SMF	SNR=1.0			eSg	Sg		03 18 44.5	-0.5
SMF	Signal de Mont	2.54	229	eP	Pg		03 18 12.1	+0.1
SMF	SNR=1.0			eSg	Sg		03 18 44.5	-0.5
SMF	Signal de Mont	2.54	229	eP	Pg		03 18 12.1	+0.1
SMF	SNR=1.0			eSg	Sg		03 18 44.5	-0.5
SMF	Signal de Mont	2.54	229	eP	Pg		03 18 12.1	+0.1
SMF	SNR=1.0			eSg	Sg		03 18 44.5	-0.5
SMF	Signal de Mont	2.54	229	eP	Pg		03 18 12.1	+0.1
SMF	SNR=1.0			eSg	Sg		03 18 44.5	-0.5
SMF	Signal de Mont	2.54	229	eP	Pg		03 18 12.1	+0.1
SMF	SNR=1.0			eSg	Sg		03 18 44.5	-0.5
SMF	Signal de Mont	2.54	229	eP	Pg		03 18 12.1	+0.1
SMF	SNR=1.0			eSg	Sg		03 18 44.5	-0.5
SMF	Signal de Mont	2.54	229	eP	Pg		03 18 12.1	+0.1
SMF	SNR=1.0			eSg	Sg		03 18 44.5	-0.5
SMF	Signal de Mont	2.54	229	eP	Pg		03 18 12.1	+0.1
SMF	SNR=1.0			eSg				

Code	Station Name	Δ°	AZ°	Op	Phase ID	Time	Res
h	m	s	ISC	h	m	s	ISC
B11A	Sandpoint	80.80	42	↑	P	05 17 16.2	-0.5
V03C	Hunter Liggett	80.84	55	↑	P	05 17 16.6	-0.4
J08A	Circle Bar Ran	80.85	47	↑	P	05 17 17.4	+0.3
P06A	Stead Airport,	80.85	51	↑	P	05 17 17.5	+0.5
E10A	Myers Farm, Un	80.89	44	↑	P	05 17 16.7	-0.5
M07A	Soldier Meadow	80.91	49	↑	P	05 17 18.1	+0.8
CMB	Columbia Colie	80.94	53	↑	P	05 17 17.6	+0.1
WVOR	Wild Horse Val	81.00	48	↑	P	05 17 17.7	-0.1
WVOR	Wild Horse Val	81.00	48	↑	P	05 17 17.7	-0.1
K08A	Mann Creek Ran	81.02	48	↑	P	05 17 18.1	+0.2
H09A	Durkee	81.04	46	↑	P	05 17 18.2	+0.1
WCN	Washoe City	81.06	52	↑	P	05 17 18.0	-0.1
U04C	Hernandez Rese	81.10	55	↑	P	05 17 17.9	-0.4
A12A	Yaak River Ran	81.10	41	↑	P	05 17 18.5	+0.1
S05C	Merced	81.17	54	↑	P	05 17 19.0	+0.2
I09A	Lost Marbles R	81.19	47	↑	P	05 17 18.3	-0.5
PAHR	Pah Rah Range	81.22	51	↑	P	05 17 19.2	+0.2
BMO	Blue Mountains	81.23	46	↑	P	05 17 18.9	-0.1
BMO	Blue Mountains	81.23	46	↑	P	05 17 18.9	-0.1
L08A	Fields	81.28	49	↑	P	05 17 19.8	+0.4
B12A	Libby	81.28	42	↑	P	05 17 19.4	+0.1
J09A	Fry Pan Ranch,	81.36	47	↑	P	05 17 19.9	+0.2
S06C	San Francisco	81.39	53	↑	P	05 17 19.8	-0.1
PKD	Parkfield	81.40	55	↑	P	05 17 20.2	+0.2
M08A	Happy Creek Ra	81.46	49	↑	P	05 17 20.1	-0.2
O07A	Toulon	81.47	51	↑	P	05 17 20.5	+0.2
R06C	Coleville	81.51	52	↑	P	05 17 21.0	+0.5
E11A	Bogner Ranch,	81.52	44	↑	P	05 17 20.2	-0.4
K09A	Rome	81.57	48	↑	P	05 17 20.9	0.0
U05C	Westside ANR,	81.62	55	↑	P	05 17 21.9	+0.8
H10A	Noah's Angus R	81.69	46	↑	P	05 17 20.7	-0.8
F11A	Grangeville	81.70	44	↑	P	05 17 20.4	-1.2
T06C	Millerton Lake	81.75	54	↑	P	05 17 21.7	-0.1
L09A	Wilkinson Ranc	81.81	49	↑	P	05 17 22.7	+0.6
N08A	GE Springer Mi	81.83	50	↑	P	05 17 22.6	+0.3
A13A	Flathead Natio	81.88	41	↑	P	05 17 23.1	+0.6
KCC	Kaiser Creek	81.95	53	↑	P	05 17 23.1	+0.2
BSMT	Bassoo Peak	81.98	42	↑	P	05 17 23.3	+0.2
SMMC	Simmler	82.00	56	↑	P	05 17 23.7	+0.5
J10A	Berg Farm, Mel	82.02	47	↑	P	05 17 23.0	-0.2
B13A	Whitefish	82.02	42	↑	P	05 17 23.6	+0.4
M09A	Marrel Ranch,	82.14	49	↑	P	05 17 24.4	+0.5
H11A	Dannelly	82.15	46	↑	P	05 17 22.8	-1.2
C13A	Hot Springs	82.17	42	↑	P	05 17 24.0	-0.1
N09A	Rock Creek Ran	82.25	50	↑	P	05 17 24.6	+0.1
PKM	Peak Mountain	82.27	56	↑	P	05 17 25.1	+0.1
F12A	Elk City	82.33	44	↑	P	05 17 25.6	+0.7
HELL	Mitchell Peak,	82.37	54	↑	P	05 17 24.9	-0.1
KLMR	Klimovskoe	82.39	332	↑	P	05 17 26.4	+1.2
NVAR	Mina Array Bea	82.40	52	↑	P	05 17 25.6	+0.4
H11A	Placerville	82.43	46	↑	P	05 17 25.2	-0.2
D13A	Huon	82.44	43	↑	P	05 17 24.5	-0.9
Q08A	Gabbs	82.55	52	↑	P	05 17 26.5	+0.5
VES	Vestal, Richgr	82.57	55	↑	P	05 17 25.0	-1.1
C14A	Swan Lake	82.67	42	↑	P	05 17 26.5	-0.1
MFID	Camarg Ranch	82.68	47	↑	P	05 17 27.1	+0.4
O09A	Fish Creek Ran	82.70	50	↑	P	05 17 27.6	+0.8
S08C	White Mtn Res	82.78	53	↑	P	05 17 28.1	+1.0
P09A	Austin	82.93	51	↑	P	05 17 27.8	-0.2
F13A	Darby	82.94	44	↑	P	05 17 27.8	-0.2
ARVC	Arvin	82.97	55	↑	P	05 17 28.1	-0.1
H12A	Diamond D Ranc	82.98	45	↑	P	05 17 27.4	-0.9
ISA	Isabella	83.03	55	↑	P	05 17 29.0	+0.2
O10A	Cortez Mining,	83.17	50	↑	P	05 17 30.0	+0.7
G13A	Cobalt	83.23	45	↑	P	05 17 29.1	-0.4
J12A	Stokes Ranch,	83.23	47	↑	P	05 17 29.0	-0.5
ARCES	ARCES Array B	83.25	342	↑	P	05 17 32.0	+2.3
ARCES	ARCES	83.25	342	↑	P	05 17 32.0	+2.3
E14A	Clinton	83.28	43	↑	P	05 17 28.9	-0.9
M11A	Holland Ranch,	83.32	49	↑	P	05 17 30.1	+0.1
R09A	Tonopah	83.38	52	↑	P	05 17 30.5	+0.2
P10A	Eureka	83.40	51	↑	P	05 17 30.9	+0.4
S09A	Goldfield	83.42	53	↑	P	05 17 30.9	+0.3
N11A	Elko Archery C	83.56	49	↑	P	05 17 31.3	+0.1
F14A	Wisdom	83.56	44	↑	P	05 17 31.3	0.0
K12A	Draper Farm, C	83.57	47	↑	P	05 17 31.0	-0.2
HLID	Hailey	83.61	46	↑	P	05 17 31.6	+0.1
D15A	Lincold	83.70	43	↑	P	05 17 31.4	-0.6
PMPC	Manual Propsec	83.73	54	↑	P	05 17 32.4	+0.3
J13A	Cove Ranch, Pi	83.82	46	↑	P	05 17 32.7	+0.1
O11A	Cowboy Ranch,	83.83	50	↑	P	05 17 33.4	+0.7
E15A	Deer Lodge	83.84	43	↑	P	05 17 32.4	-0.3
ELK	Elko	83.94	49	↑	P	05 17 33.5	+0.3

Code	Station Name	Δ°	AZ°	Op	Phase ID	Time	Res
h	m	s	ISC	h	m	s	ISC
ELK	Elko	83.94	49	↑	P	05 17 33.5	+0.4
M12A	Wells	83.95	48	↑	P	05 17 33.8	+0.6
N12A	Clover Valley,	84.05	49	↑	P	05 17 34.1	+0.4
FURC	Furnace Creek,	84.09	54	↑	P	05 17 33.8	-0.2
F15A	Butte	84.13	44	↑	P	05 17 34.1	-0.1
Q11A	Duckwater	84.24	51	↑	P	05 17 34.5	-0.2
G15A	Dillon	84.37	44	↑	P	05 17 34.8	-0.6
O12A	Currie	84.45	50	↑	P	05 17 36.0	+0.2
GSC	Goldstone	84.50	55	↑	P	05 17 35.9	-0.2
M13A	Montello	84.50	48	↑	P	05 17 36.4	+0.3
P12A	McGill	84.59	50	↑	P	05 17 37.1	+0.6
BOZ	Bozeman (W)	84.77	44	↑	P	05 17 37.5	+0.1
Q12A	Willow Creek R	84.79	51	↑	P	05 17 37.0	-0.5
J0F	Jensu	84.90	336	↑	P	05 17 36.4	-1.6
EGMT	Eagleton	85.10	41	↑	P	05 17 38.4	-0.6
TUQ	Turquoise Mtn.	85.14	54	↑	P	05 17 38.7	-0.5
QLMT	Earthquake Lak	85.19	44	↑	P	05 17 40.5	+1.0
V11A	Goatsprings	85.39	54	↑	P	05 17 40.3	-0.2
GMRC	Granite Mounta	85.56	55	↑	P	05 17 41.4	+0.1
YMR	Madison River	85.56	44	↑	P	05 17 42.2	+0.9
MONP	Monument Peak	85.57	57	↑	P	05 17 41.8	+0.5
YFT	Old Faithful	85.72	45	↑	P	05 17 44.7	+2.6
DUG	Dugway	85.86	49	↑	P	05 17 42.6	-0.3
DUG	Dugway	85.86	49	↑	P	05 17 42.6	-0.3
DUG	Dugway	85.86	49	↑	P	05 17 42.6	-0.3
DUG	Dugway	85.86	49	↑	P	05 17 42.6	-0.3
V12A	Nelson	85.87	54	↑	P	05 17 42.7	-0.2
MOOV	Moose Ponds	86.04	45	↑	P	05 17 44.0	+0.3
BC3	Big Truck Mtn	86.08	56	↑	P	05 17 43.8	-0.2
IRM	Iron Mountain	86.16	55	↑	P	05 17 43.5	-0.8
HWUT	Hardware Ranch	86.25	47	↑	P	05 17 44.8	+0.1
OBN	Obninsk	86.28	327	↑	P	05 17 46.0	+1.1
OBN	Obninsk	86.28	327	↑	P	05 17 46.0	+1.1
JLU	Jordanella	86.69	48	↑	P	05 17 47.2	+0.2
FFC	Flin Flon	86.75	33	↑	P	05 17 46.4	-0.8
GLA	Glamis	86.78	56	↑	P	05 17 47.2	-0.2
Y12C	Blythe	86.78	56	↑	P	05 17 46.9	-0.5
W13A	Hualapai Mount	86.82	54	↑	P	05 17 47.4	-0.2
PDMCI	Parker Dam, Lak	86.90	55	↑	P	05 17 48.0	+0.1
DAU	Daniels Canyon	86.90	48	↑	P	05 17 48.6	+0.7
MSU	Marysville	86.92	51	↑	P	05 17 48.9	+0.9
ZEI	Tsey	87.00	314	↑	P	05 17 47.0	-1.4
X13A	Yucca	87.04	55	↑	P	05 17 47.8	-0.8
PDAR	Pinedale Arry	87.21	46	↑	P	05 17 48.9	-0.6
PDAR	Pinedale Arry	87.21	46	↑	P	05 17 48.9	-0.6
KAF	Kangasniemi	87.29	336	↑	P	05 17 49.8	0.0
KAF	Kangasniemi	87.29	336	↑	P	05 17 49.8	0.0
Y13A	Salome	87.31	55	↑	P	05 17 49.4	-0.5
TMUT	Trail Mountain	87.34	50	↑	P	05 17 51.2	+1.1
KIV	Kislovodsk	87.36	316	↑	P	05 17 52.9	+2.7
KIV	Kislovodsk	87.36	316	↑	P	05 17 52.9	+2.7
W14A	Selgman	87.40	54	↑	P	05 17 49.8	-0.5
FIAT	FINES Array S	87.76	336	↑	P	05 17 50.7	-1.4
FINES	FINES Array B	87.76	336	↑	P	05 17 50.4	-1.7
FINES	FINES Array B	87.76	336	↑	P	05 17 50.5	-1.6
FINES	FINES Array B	87.76	336	↑	P	05 17 50.5	-1.6
FINES	FINES Array B	87.76	336	↑	P	05 17 50.4	-1.7
X14A	Yava	87.81	54	↑	P	05 17 52.4	+0.1
LAO	LASA Array	87.84	41	↑	P	05 17 52.2	-0.3
SRU	San Rafael	87.90	49	↑	P	05 17 53.1	+0.3
Y14A	Wickenburg	87.91	55	↑	P	05 17 53.4	+0.6
W15A	Williams	88.04	54	↑	P	05 17 53.8	+0.4
Z14A	Wintersburg	88.15	56	↑	P	05 17 54.1	+0.1
X15A	Humboldt	88.31	54	↑	P	05 17 55.7	+1.0
WUAZ	Wupatki	88.60	53	↑	P	05 17 56.6	+0.6
WUAZ	Wupatki	88.60	53	↑	P	05 17 57.0	+1.0
115A	Sonoran Desert	88.95	56	↑	P	05 17 58.1	+0.4
PV10	Paradox Valley	89.26	50	↑	P	05 17 59.6	+0.4
116A	Eloy	89.41	56	↑	P	05 18 00.3	+0.4
PV01	Paradox Valley	89.69	50	↑	P	05 18 01.3	+0.2
ULM	Lac du Bonnet	92.22	35	↑	P	05 18 11.6	-1.3
ULM	Lac du Bonnet	92.22	35	↑	P	05 18 11.6	-1.3
ULM	Lac du Bonnet	92.22	35	↑	P	05 18 11.6	-1.3
AKASG	Main Array B	92.34	326	↑	P	05 18 11.6	-1.9
AKASG	Main Array B	92.34	326	↑	P	05 18 11.6	-1.9
ANMO	Albuquerque	92.52	52	↑	P	05 18 14.8	+0.5
NOA	NORSAR Array B	93.37	340	↑	P	06 04 31.4	0.0
SUW	Suwalki	93.45	313	↑	P	05 18 15.8	-2.8
BRTR	Keen Array B	95.28	315	↑	P	05 18 25.4	-1.7
BRTR	Keen Array B	95.28	315	↑	P	05 18 25.4	-1.7
BRTR	Keen Array B	95.28	315	↑	P	05 18 27.7	+0.7
BRTR	Keen Array B	95.28	315	↑	P	05 18 27.7	+0.7
VNDA	Vanda	96.02	177	↑	P	06 00 53.9	0.0
TXAR	Lajitas Array	97.03	56	↑	P	05 18 34.1	-0.8</

Table with columns: IREG, IDAH, IDAH, IDAH, IKOO, IKOO. Rows contain station names and coordinates.

NIED 19 09:45:00,3630N:13700E,h260km,Mw4.3 Best double couple: M3.37000x1015 NP1.0s127.00000,857.00000,1-63.00000. NP2.0s263.00000,842.00000,1-126.00000.

ISCJB 19 09:45:03.9-0.3,3633N:004x13700E:0.05,h275km,2km,mb3.7/18,Error ellipse: s-maj=7.2km s-min=5.3km az=51.9

MOS 19 09:45:03.2.1.0,3641N:13685E,h268km,mb4.2/3,Error ellipse: s-maj=20.0km s-min=12.3km az=78.1

NEIC 19 09:45:04.0.0.5,3635N:13693E,h269km,4km,mb4.2/6,Error ellipse: s-maj=9.1km s-min=8.1km az=127.0

IDC 19 09:45:04.0.4.0.4,3631N:13697E,h266km,3km,mb3.4/15,mb1.3/7.19,mb1mx3.6/30,mbtmp3.5/19,Error ellipse: s-maj=11.6km s-min=8.8km az=88.0

JMA 19 09:45:04.1.0.1,3630N:13704E,h276km,1km,M3.9 Broadband fault plane solution: P waves. NP1: 0.264.00000,843.00000,1-135.00000. NP2: 0.136.00000,861.00000,1-56.00000. Principal axes: T P1to10.0000, Az1to5.0000, N P1to9.0000, Az2to1.0000, P P1to5.0000, Az3to8.0000.

ISC 19 09:45:04.7-0.3,3633N:004x13701E:0.05,h270km,2km,ns6,+0575/74,mb3.7/18,1C-7D,Eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include stations like Niukaw, Kaga, Miyama, Matsushiro, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include stations like Niukaw, Kaga, Miyama, Matsushiro, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include stations like Niukaw, Kaga, Miyama, Matsushiro, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include stations like Niukaw, Kaga, Miyama, Matsushiro, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include stations like Niukaw, Kaga, Miyama, Matsushiro, etc.

IDC 19 10:11:12.5.1.0,952S:15932E,h0km,mb3.7/4,mb1.3/8.4,mb1mx3.7/17,mbtmp3.7/4,Error ellipse: s-maj=35.8km s-min=13.7km az=169.0,Bougainville - Solomon

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include stations like Honiara, Warramunga Arr, Stephens Creek, etc.

STR 19 10:12:20.9.0.2,4758N:759E,h5km,1km,M11.9,Error ellipse: s-maj=0.0km s-min=0.0km az=11.0

LDG 19 10:12:21.0.2,4758N:755E,h1.1km,M2.0/1,M2.3/10,Error ellipse: s-maj=3.4km s-min=2.1km az=107.0

ZUR 19 10:12:21.1,4758N:760E,h4km,1km,ML1.5,1C-1D,Switzerland

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include stations like Balsthal, Bourgnon, Moikenrain, etc.

IDC 19 10:18:10.7-0.6,055N:9997E,h0km,mb4.1/18,mb1.4/2.19,mb1mx4.2/26,mbtmp4.1/19,ML4.3/1,MS3.7/12,MS1.3/7.12,ms1mx3.5/34,Error ellipse: s-maj=24.7km s-min=13.0km az=53.0

ISCJB 19 10:18:15.2.1.7,057N:008-10000E:0.10,h3km,1.4km,mb4.3/24,MS3.8/12,Error ellipse: s-maj=18.7km s-min=9.7km az=103.7

NEIC 19 10:18:15.9.1.9,057N:10009E,h36km,16km,mb4.4/2,Error ellipse: s-maj=23.9km s-min=11.2km az=52.0

NEIC Felt [I] at Muarasipongi, [IV] in Pasaman and [II] at Padang.

ISC 19 10:18:16.3.3.8,052N:006.9999E:0.09,h3km,27km,n45,+1514/39,mb4.3/24,MS3.8/12,Northern Sumatera

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include stations like Prapat, Kluang, Ipoh, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include stations like Matop, Bofsh, Matin Arr, etc.

ISCJB 19 10:41:33.3.2.8,374N:02-714E:0.2,h150km,Error ellipse: s-maj=29.3km s-min=18.4km az=59.5

NNC 19 10:41:35.1.1.8,3752N:71.54E,h165km,331km,mb2.2,mpv2.9,Error ellipse: s-maj=218.8km s-min=104.8km az=20.0

ISC 19 10:41:33.9.2.8,374N:02-714E:0.2,h150km,n11,+027/12,3C,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include stations like Almayashu, Uchtor, Kyzart, etc.

HEL 19 11:03:02.8,3687S:17732E,h230km,MG4.4(WEL),After WEL

WEL 19 11:03:00.0-0.4,3673S:17736E,h250km,3km,ML4.4/23,Error ellipse: s-maj=5.4km s-min=4.2km az=0.0,Off east coast of North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include stations like Matakaoa Point, Puketiti, Urewera, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like La Plagne, Waverly, Mount Ida, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Paradox Valley, Waverly, Mount Ida, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ERUA, ECAL, ELOB, etc.

Table with columns: CHTH, Charan, 1.96 320, ePg, Pg, 13 06 31.2, -2.8, Error ellipse: s-maj=1.8km s-min=1.7km az=90.0, Cook Strait

Table with columns: Code, Station Name, A° AZ, Phase ID, Time, Res

NEIC 19 13:58:02.6, 3397Sx7248W, h33km, ML2.9(GUC), After GUC

GUC 19 13:58:02.6, 0.8, 3397S, 7248W, h33km, 2km, MD3.6, ML2.9, SC, Off coast of central Chile

Table with columns: Code, Station Name, A° AZ, Phase ID, Time, Res

ISC/JB 19 14:06:44.5, 0.4, 701N-006:7877W, 005, h10km, mb4.4/26, MS4.1/17, Error ellipse: s-maj=10.0km s-min=6.1km

IDC 14:06:44.2, 0.8, 693N-7890W, h0km, mb4.2/10, Mb1 4.0/1.5, mb1mx4.4/2.2, mbtmp4.3/15, ML4.0/5, MS3.9/18, Mb1 4.0/1.8, ms1mx3.8/3.5, Error ellipse: s-maj=24.1km s-min=15.6km az=38.0

NEIC 19 14:06:45.8, 0.5, 696N-7890W, h10km, mb4.5/17, Error ellipse: s-maj=13.1km s-min=6.5km az=207.0

BUJ 19 14:06:45.8, 700N, 7890W, h10km, Ms4.8, Msz4.6

ISC 19 14:06:46.9, 0.4, 705N-006:7880W, 005, h10km, n168, #067/157, mb4.4/26, MS4.1/17, 58C-44D, Panama

Table with columns: Code, Station Name, A° AZ, Phase ID, Time, Res

Table with columns: ELN, WWT, Prospektale, 30.10 357, P, P, 14 12 57.4, +0.9, 14 12 56.9, +0.3

NEIC 19 13:32:08.0, 4032Sx17345E, h183km, MG3.7(WEL), After WEL

WEL 19 13:32:08.0, 0.3, 4033Sx17349E, h176km, 2km, ML3.6/14,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TNS Taunus Mts, BAIF Baives, SSF Saint Saulge, SMF Signal de Mont, AVF Avrill sur Loir, LPG La Plagne, BGF Bois d'Angland, ORIF Oris-en-Rattie, VIVF Saint-Julien-I, etc.

Code Station Name Az Az' Phase ID Time Res ISC
WRA Warramunga Arr 18.72 219 P Pn 14 49 12.9 -1.8
ASAR Alice Springs 21.86 213 P P 14 49 49.8 +1.1
MKAR Makanchi Array 76.84 321 P P 14 56 48.6 +0.5

Code Station Name Az Az' Phase ID Time Res ISC
ESLN Serra La Nave 0.09 171 P Pn 14 58 11.2 -0.1
MNO Monte Soro 0.26 306 P Pn 14 58 12.2 -1.1
MMME Mongiuffi-Meli 0.28 57 P Pn 14 58 13.9 +0.2

Code Station Name Az Az' Phase ID Time Res ISC
VAE Valguarnera 0.53 235 P Pn 14 58 18.0 +0.3
VAE Valguarnera 0.53 235 P Pn 14 58 27.9 +0.6
AGST Augusta-Monte 0.56 158 P Pn 14 58 17.7 -0.7
VPL Valcorno Piano 0.60 2 P Pn 14 58 18.1 -0.9

Code Station Name Az Az' Phase ID Time Res ISC
PZI Palazzolo 0.72 181 P Pn 14 58 20.1 -1.0
CSLB Castellbuono 0.73 283 P Pn 14 58 19.5 -1.7
RAFF Raffo Rosso 0.73 220 P Pn 14 58 20.1 -1.1
GIB Gibilmanna 0.77 286 P Pn 14 58 20.3 -1.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CARO Carolei, SERS Sersale, ERC Erice, WDD Wield Dalam, TIP Tipogrando, BULG Pulgheria-Ca, SIRI Monte Sirino, CMRP Campora, MTSN Montesano sull, ORI Oriolo Calabro, SCHR S. Chirico Rap, MCEL Monticello, CDRU Civita di Ruta, SGO Sicignano, CRAC Craco, MRLC Muro Lucano, MCRV Calabritti-M, PALZ Palazzo San Ge, SG1 Spolzone (BA), SGTA Sant Agata di, AMUR Altamura, NOCI Nocera, LCI Lecce, PE1 Pezze di Greco, BAI Bari, RGNG Rignano Gr, KEK Kerkira, VLS Valsamata, KEST Kestel, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAN Janina, ULC Ulfice, ULC Ulfice, HCY Herceg Novi, BUM Brajci-Budva, BUM Brajci-Budva, EVR Erytria, ITM Ithomi, OHR Ohrid, OHR Ohrid, OHR Ohrid, TTG Podgorica, BRTY Bratogost, BIA Bitola, BIA Bitola, BIA Bitola, BIA Bitola, NKY Niksic, KRUS Krusevo, KRUS Krusevo, KRUS Krusevo, PVY Plav, PVY Unac-Piva, UPM UPM, IVA Berane, UVA UVA, VLI Veliaj, PLE Plijevlja, VAY Valandovo, VAY Valandovo, VAY Valandovo, IDI Anoyia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BZS Buzias, GZR Gura Zlata, VOIR VOIR, GERES GERES Array B, MLR Munteale Rosu, MLR Munteale Rosu, BRTR Keskin Array B, AKASG Keskin Array B, AKASG Keskin Array B, MDT Midelt, HFS Hagfors, FINES FINES Array B, MKAR Makanchi Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, CTA Charters Tower, CTA Charters Tower, CTA Charters Tower, CTA Charters Tower, KAKA Kakadu, WB2 Warramunga Arr, WB2 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, DZM Mont Dzumac, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, ASAR Alice Springs, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Korea Array, STKA Stephens Creek, STKA Stephens Creek, RPZ Rata Peaks, MJAR Matushiro Arr, KRSR Korea Array, HIA Hailar, SONM Songno Array, VNSA VNSA, VNSA VNSA, MKAR Makanchi Array, TORO Torodi Arr, etc.

Code Station Name Az Az' Phase ID Time Res ISC
S08C White Mtn Res 0.01 201 P Pn 15 21 43.7 -1.3
S08C Tinemaha 0.45 186 P Pn 15 21 51.4 -0.7
MLAC Mammoth Lakes 0.55 284 P Pn 15 21 53.0 -0.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like S09A Goldfield, S09A Goldfield, GRAC Grapevine Rang, R08A Mina, R07C Lee Vining, R07C Lee Vining, NVAR Mina Array Bea, NVAR Mina Array Bea, KCC Kaiser Creek, KCC Kaiser Creek, TPH Tonopah, CWC Cottonwood Cre, HELL Mitchell Peak, HELL Mitchell Peak, R09A Tonopah, R09A Tonopah, T06C Millerton Lake, T06C Millerton Lake, Q08A Gabbs, Q08A Gabbs, S06C San Francisco, S06C San Francisco, R06C Coleville, R06C Coleville, RCTO Red Farmer, RCTO Red Farmer, FURC Furnace Creek, FURC Furnace Creek, Q07A Schurz, Q07A Schurz, Q09A Carvers, Q09A Carvers, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MPMC Manual Prospec, MPMC Manual Prospec, S05C Merced, S05C Merced, VES Vestal, Richgr, VES Vestal, Richgr, VES Vestal, Ash Meadows, VES Vestal, Ash Meadows, CMB Columbia Colle, CMB Columbia Colle, CMB Columbia Colle, CMB Columbia Colle, ISA Isabella, ISA Isabella, R05C Kirkwood Meado, R05C Kirkwood Meado, LRMC Laurel Mountain, LRMC Laurel Mountain, WCN Washoe City, WCN Washoe City, Q11A Duckwater, Q11A Duckwater, Q15C Goldstone, Q15C Goldstone, PKD Parkfield, PKD Parkfield, PTRM Twissleman Ran, PTRM Twissleman Ran, LRV Little Rabbit, LRV Little Rabbit, EDW2 Edwards Air Fo, EDW2 Edwards Air Fo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like S05C Merced, S05C Merced, VES Vestal, Richgr, VES Vestal, Ash Meadows, VES Vestal, Ash Meadows, CMB Columbia Colle, CMB Columbia Colle, CMB Columbia Colle, CMB Columbia Colle, ISA Isabella, ISA Isabella, R05C Kirkwood Meado, R05C Kirkwood Meado, LRMC Laurel Mountain, LRMC Laurel Mountain, WCN Washoe City, WCN Washoe City, Q11A Duckwater, Q11A Duckwater, Q15C Goldstone, Q15C Goldstone, PKD Parkfield, PKD Parkfield, PTRM Twissleman Ran, PTRM Twissleman Ran, LRV Little Rabbit, LRV Little Rabbit, EDW2 Edwards Air Fo, EDW2 Edwards Air Fo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various data points for stations like Toulon, San Andreas Ge, Goodsprings, etc.

MAN 19 15:37:51.7, 746N, 12480E, h7km, mb4.0, ML5.0, MS1.6, 4C-1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various data points for stations like Musuan, Kidapawan, Cotabato-PC H, etc.

19d 16:05:39.3, 4.0, 1943S, 17565W, h0km, mb3.9/2, mb1 4.2/2, mb1mx3.6/15, mbtmp3.9/2, Error ellipse: s-maj=245.9km s-min=51.8km az=151.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various data points for stations like Alice Springs, Warramunga Arr, GERES, etc.

MAN 19 16:07:17.9, 998N, 12488E, h62km, mb3.2, ML4.5, MS2.3, 1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various data points for stations like Maasin, Surigao, Ormoc, etc.

NEIC 19 16:11:43.0, 1550N, 9679W, h16km, MD3.7(MEX), After MEX

MEX 19 16:11:43.0, 0.7, 1550N, 9680W, h18km, 456km, MD3.7, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various data points for stations like Huatulco, Vista Hermosa, Oaxaca, etc.

ISCJB 19 16:15:24.9, 0.5, 3382N, 007.7, 13667E, 0.08, h381km, 3km, mb3.4/9, Error ellipse: s-maj=13.1km s-min=9.0km

NEIC 19 16:15:25.5, 0.7, 3379N, 13688E, h374km, 7km, mb4.0/2, Error ellipse: s-maj=15.1km s-min=11.6km az=131.0

JMA 19 16:15:26.0, 0.7, 3380N, 13670E, h378km, 2km, MB3.1, mb1 3.2/11, mb1mx3.1/26, mbtmp3.0/11, Error ellipse: s-maj=14.3km s-min=11.4km az=64.0

ISC 19 16:15:26.0, 0.5, 3386N, 007.1, 13664E, 0.07, h375km, 3km, n28, 0e077/38, mb3.4/9, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various data points for stations like Miekihoku, Ise, Kozaga, Kouya, Wachi, Aioi, Miyama, Monobe, etc.

MAN 19 15:37:51.7, 746N, 12480E, h7km, mb4.0, ML5.0, MS1.6, 4C-1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various data points for stations like Musuan, Kidapawan, Cotabato-PC H, etc.

MOS 19 16:44:27.2, 2.7, 5592N, 10997E, h12km, mb4.4/1, Error ellipse: s-maj=15.3km s-min=9.4km az=65.0

BYKL 19 16:44:28.4, 0.3, 5569N, 11013E, h3km, 5km, 7C, Lake Baykal region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various data points for stations like Nizh Angarsk, Kumor, Uoyan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various data points for stations like Severomysk, Suvo, Nelyaty, Zarechye, Tyrgan, Turuntaevo, Fotonovo, Chita, Khuramsk, Chara, Listvyanka, Talaya, etc.

19d 19h

comp=Z,0.5nm,0.3s,mb3.5,baz=324,slow=4.9,SNR=14
ASAR Alice Springs 83.94 125 P 19 58 54.6 +0.6

ISCJB 19 19:48:33.2.2.8, 258S.04x140W.04, h10km, mb4.4/16,
MS3 7/8, Error ellipse: s-maj=73.9km s-min=17.4km
az=92.6

IDC 19 19:48:33.0.3.5, 2580Sx1406W, h0km, mb4.2/9, mb1 4.3/9,
mb1mx4.0/20, mbtmp4.2/9, MS3 8/5, Ms1 3.8/5,
ms1mx4.3/30, Error ellipse: s-maj=91.8km s-min=25.5km
az=48.0

NEIC 19 19:48:35.6.2.1, 2572Sx1389W, h10km, mb4.8/10, Error
ellipse: s-maj=54.8km s-min=12.6km az=46.0

ISC 19 19:48:34.5.2.9, 259S.04x141W.04, h10km, r32, c0s58/28,
mb4.4/16, MS3.7/5, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists various stations like Tsumeb, SUR, BOSHA, etc.

IGQ 19 19:57:51.5, 220S.7831W, h12km, 3km, Mb4.2, Ms4.0,
12C-7D, Error ellipse: s-maj=7.1km s-min=3.9km
az=164.0, Ecuador

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like PATA, ARRY, ULBA, etc.

IDC 19 19:58:25.7.0.4, 2093Sx17433W, h0km, mb4.9/20,
mb1 5.0/21, mb1mx5.0/24, mbtmp4.9/21, ML4.7/1, MS4.8/18,
Ms1 4.8/18, ms1mx4.4/35, Error ellipse: s-maj=17.3km
s-min=14.1km az=142.0

GCMT 19 19:58:26.6.0.1, 2103Sx17362W, h18km, MW5.4/90,
Moment Tensor Solution. s58,c107, s90,c156;
Duration: 1s2 Moment tensor: Scale 10^17Nm;

Mn: 1.16e-03; Mb: 0.14e-02; Mw: 0.03e-02; Mo: 0.04e-04;
Mw: 0.49e-01; Mw: 0.67e-04; Best double couple:
M1: 43100x10^17 NPa, 199.000000; 829.000000;

M2: 330000x10^17 NPa, 28.000000; 861.000000; 1.94.000000;
M3: 280000x10^17 NPa, 28.000000; 861.000000; 1.94.000000;
Principal axes: T: 1.3910, P1g3.0000; Azm307.0000; N:
0.0730, P1g3.0000; Azm206.0000; P: -1.4700,

P1g16.0000; Azm115.0000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

BGS 19 19:58:26.6.0.2, 2098Sx17422W, h10km, mb5.3(NEIC)
NEIC 19 19:58:26.6.0.2, 2098Sx17422W, h10km, mb5.3/49,
MS5.1/4, Error ellipse: s-maj=8.6km s-min=5.4km
az=147.0

BUI 19 19:58:26.6.2100Sx17420W, h10km, mb5.8, mb5.3, MS5.3,
Ms2z.0

ISCJB 19 19:58:27.5.3.3, 2094S.00x17425W.005, h21km, 22km,
mb5.1/82, MS5.0/39, Error ellipse: s-maj=9.5km
s-min=7.5km az=113.5

MOS 19 19:58:29.8.1.3, 2078Sx17436W, h33km, mb5.5/42,
MS5.0/19, Error ellipse: s-maj=10.8km s-min=9.4km
az=139.7

ISC 19 19:58:31.7.1.5, 2096S.00x17421W.005, h40km, 13km,

2000 DEC
h10km, 3.4km, pp-P, n430, c1s14/191, mb5.2/81, MS5.0/39,
86C-10D, Tonga Islands

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

638
DAC Darwin (Calif) 78.11 44 eP P 20 10 28.4 +2.0

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SNY, PV10, ANMO, MA2, CMCT, TIA, PLCA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HHC, HHC, HHC, NNA, CLNS, CLNS, KMI, KMI, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ZAL, NVS, MK31, MKAR, MKAR, KURK, etc.

Table with columns for station name, frequency, mode, and other parameters. Includes stations like URFA, YRE, KB1, SBD1, SVSK, etc.

Table with columns for station name, frequency, mode, and other parameters. Includes stations like KHC, KHC, KHC, KHC, etc.

Table with columns for station name, frequency, mode, and other parameters. Includes stations like LPL, LPL, LPL, LPL, etc.

ISCJB 19:20:12.26i.0.3, 4569N:001:696E:003, h15km, 3km, Error ellipse: s-maj=3.7km s-min=2.5km az=14.1 STR 19:20:12.23.8.0.8, 4564N:702E, h5km, 1km, M12.7, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0 GEN 19:20:12.23.7, 4570N:704E, h8km, M2.0 LDG 19:20:12.23.3i.0.1, 4567N:709E, h2km, M2.7, M2.5/13, Error ellipse: s-maj=1.9km s-min=1.1km az=107.0 CSEM 19:20:12.23.3.0.1, 4566N:709E, h8km, M2.5/12, Error ellipse: s-maj=2.1km s-min=1.4km az=90.0 NEIC 19:20:12.23.3, 4567N:709E, h2km, M2.4(STR), M2.5(LDG), After LDG. ZUR 19:20:12.24.4, 4572N:710E, h7km, 3km, M1.1/9/8 ISC 19:20:12.23.0.0.3, 4568N:001:703E:003, h15km, 3km, n51, o578/97, 4C-2D, Northern Italy

NEIC 19:20:12.02.8, 1530N:9672W, h20km, MD3.7(MEX), After MEX. MEX 19:20:12.02.9i.1.0, 1531N:9672W, h26km, 41km, MD3.7, Near coast of Oaxaca

Table with columns: WHO, Vista Hermosa, 1.75 359, i P, Pn, 20 12 30.2, -1.4, etc.

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

NEIC 19 20:34:11.7, 1719N, 9523W, h123km, MD3.6(MEX), After MEX.

MEX 19 20:34:11.7, 0.9, 1719N, 9523W, h123km, 13km, MD3.6, Oaxaca

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

ISCJB 19 20:39:54.3, 0.3, 4636N, 001.4, 400W, 003, h10km, Error ellipse: s-maj=2.7km s-min=2.0km az=28.4

CSEM 19 20:39:54.9, 0.2, 4635N, 440W, h12km, 1km, ML3.7/31, Error ellipse: s-maj=2.9km s-min=2.0km az=126.0

NEIC 19 20:39:58.1, 1.4646N, 426W, h15km, ML3.6(LDG), After LDG.

LDG 19 20:39:58.1, 0.1, 4646N, 426W, h15km, ML3.6/35, Error ellipse: s-maj=2.2km s-min=1.5km az=76.0

MDD 19 20:40:00.3, 1.8, 4600N, 442W, h0km, mb4.0/17, Error ellipse: s-maj=18.2km s-min=8.5km az=4.0

ISC 19 20:39:55.6, 0.3, 4640N, 002.4, 415W, 003, h10km, n112, r145/252, Bay of Biscay

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

Large table with columns: LDF, LDF, 32nm, 0.3s, SNR=1.0, 3.50 50 ePn, Sn, 20 41 29.2, -2.4, etc.

Large table with columns: MTLF, MTLF, 8.8nm, 0.4s, 5.46 122 ePn, Sn, 20 42 17.5, -2.3, etc.

NIED 19 20:44:00, 2490N, 12240E, h5km, Mw4.4 Best double couple: M05.08000x1015 N171.9x305.00000, s67.00000, l-144.00000, NP2:9x64.00000, s42.00000, BUI 19 20:44:30, 7, 2448N, 12262E, h13km, mb4.3, ML4.6, Ms4.5, Ms24.2, IDC 19 20:44:31.9, 0.5, 2489N, 12247E, h0km, mb4.3/20, mb1.4/22, mb1mx4.2/27, mbmp4.3/22, ML3.3/2, MS3.9/5, Ms1.3.9.5, ms1mx3.2/34, Error ellipse: s-maj=19.1km s-min=13.7km az=70.0

20d Oh

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like La Plagne, LPL, LAG, LPGA, etc.

MEX 19 23:50:34.8-0.5, 1789N-9962W, h5km, MD3.7, Guerrero. Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res.

ISCJB 19 23:55:56.1-2.1, 1333N-007.12585E, 0.08, h35km, 16km, mb5.3/13, MS4.9/3, Error ellipse: s-maj=13.8km, s-min=11.6km, az=56.2.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like YHNB, TATO, KKTK, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like PMG, HABR, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like YSS, CTAD, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like HVB, HYB, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like AAK, SEY, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like BRVK, CHKZ, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like PMR, COLA, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like VRI, BURAR, etc.

2006 DEC

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

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like VTS, BZS, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like KHC, EDM, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like KARP, ARG, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like SONM, ZAL, etc.

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like PLCA, OTAV, etc.

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

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

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

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

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

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

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

ISCJB 20 00:14:29.9-0.6, 3436N-004.2719E, 0.07, h10km, Error ellipse: s-maj=8.9km, s-min=6.2km, az=150.4.

CSEM 20 00:14:33.1-0.1, 3458N-2758E, h30km, ML3.0, Error ellipse: s-maj=4.9km, s-min=2.7km, az=50.0.

ATH 20 00:14:39.3, 3501N-2674E, h14km, MD3.5/4, HLW 20 00:14:40.1, 3419N-2770E, h33km, Mb3.0.

ISC 20 00:14:31.1-0.6, 3458N-004.2710E, 0.07, h10km, n12, e064/14, 2C-4D, Eastern Mediterranean Sea.

ISC 20 00:16:31.5-3.6, 4616N-15447E, h0km, mb3.7/6, mb1.9/3.9, mb1mx3.6/22, mbtmp3.7/6, MS3.1/4, Ms1.3/1.4, ms1mx2.8/33, Error ellipse: s-maj=105.6km, s-min=30.5km.

MOS 20 00:16:32.9-1.1, 4581N-15426E, h33km, mb4.3/3, Error ellipse: s-maj=54.3km, s-min=28.3km, az=84.8.

ISCJB 20 00:16:35.0-3.4, 4581N-03.1542E, 0.2, h48km, 33km, mb3.7/7, MS3.2/3, Error ellipse: s-maj=58.0km, s-min=22.4km, az=156.3.

ISC 20 00:16:36.3-3.1, 4601N-03.1543E, 0.2, h39km, 28km, n13, e088/11, mb3.7/7, MS3.2/3, East of Kuril Islands.

KUR Kuril'sk 4.54 263 eP P 00 17 43.0 +0.6

ASAJ Asahikawa 8.46 262 LR LR 00 21 54.7

BILL Bilibino 23.00 12 eP P 00 21 37.8 +0.2

SONM Songino Array 32.34 291 LR LR 00 36 35.3

ZAL Zalesovo 43.73 307 LR LR 00 44 27.0

MKAR Makanchi Array 48.01 298 P P 00 25 13.2 +1.8

YVKA Yellowknife Arr 51.09 37 P P 00 25 34.4 -0.4

FINES FINESS Array B 65.09 335 P P 00 27 11.3 -1.5

NOA NORRAR Array B 69.23 342 P P 00 27 38.8 -0.3

TXAR Lajitas Array 77.19 61 P P 00 28 25.9 -0.1

ZUR 20 00:19:43.4, 4577N-1138E, h2km, h0km, ML1.5/2, CSEM 20 00:19:43.8-0.1, 4580N-1137E, h20km, ML2.8/6, Error ellipse: s-maj=2.1km, s-min=1.9km, az=94.0.

ISCJB 20 00:19:44.4-0.5, 4584N-002.1137E, 0.04, h10km, Error ellipse: s-maj=3.9km, s-min=3.5km, az=164.1.

ROM 20 00:19:44.7-0.3, 4581N-1138E, h10km, MD2.5/5, M1.9/4, Error ellipse: s-maj=4.4km, s-min=1.9km, az=156.0.

VIE 20 00:19:44.7-0.8, 4585N-1138E, h8km, ML2.4/5, Error ellipse: s-maj=5.0km, s-min=3.1km, az=18.0. 24 km SSW of Bogo.

ISC 20 00:19:45.0-0.5, 4582N-003.1138E, 0.04, h10km, n15, e068/28, 10C-4D, Northern Italy.

ISCJB 20 00:20:11.9-1.6, 2428S-007.668W, 0.3, h202km, 19km, mb3.5/3, Error ellipse: s-maj=39.0km, s-min=11.0km, az=169.0.

ICD 20 00:20:11.8-2.4, 2426S, 6670W, h183km, 29km, mb3.2/2, mb1.3/3.3, mb1mx3.1/14, mbtmp3.0/3, Error ellipse: s-maj=62.4km, s-min=20.3km, az=89.0.

NEIC 20 00:20:12.7-1.3, 2418S, 6665W, h193km, 14km, mb4.1/1, Error ellipse: s-maj=27.4km, s-min=9.7km, az=81.0.

ISC 20 00:20:12.7-1.5, 2430S-007.668W, 0.3, h194km, 18km, n11, e1508/12, mb3.5/3, Saita Province.

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

ISCJB 20 00:38:44.8-2.0, 2183N-007.1432E, 0.1, h53km, 18km, mb4.3/20, Error ellipse: s-maj=19.7km, s-min=10.7km, az=147.6.

ICD 20 00:38:47.3-3.7, 2187N-14322E, h63km, 33km, mb3.6/9, mb1.3/8/1.1, mb1mx3.7/23, mbtmp3.7/11, ML4.1/2, MS3.2/2, Ms1.3/2.2, ms1mx2.6/27, Error ellipse: s-maj=33.5km, s-min=16.0km, az=81.0.

MOS 20 00:38:49.5-0.9, 2190N-14300E, h92km, mb4.6/7, Error ellipse: s-maj=21.1km, s-min=8.4km, az=109.1.

NEIC 20 00:38:51.2-1.1, 2190N-14308E, h94km, 10km, mb4.6/10, Error ellipse: s-maj=13.4km, s-min=6.3km, az=77.0.

ISC 20 00:38:47.4-1.7, 2187N-007.1432E, 0.1, h60km, 16km, n46, e080/43, mb4.3/20, 1C, Mariana Islands region.

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

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

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

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

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

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

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

CSEM 20 00:40:01.9-1.1, 3909N-2834W, h0km, 8km, ML1.9, Error ellipse: s-maj=5.2km, s-min=3.8km, az=158.0, After PDA.

PDA 20 00:40:01.9-1.1, 3909N-2834W, h0km, 8km, MD3.0, ML1.9, Error ellipse: s-maj=5.2km, s-min=3.8km, az=158.0.

SVSA 20 00:40:01.9-1.1, 3909N-2834W, h0km, 8km, MD3.0, ML1.9, Error ellipse: s-maj=5.2km, s-min=3.8km, az=158.0, Azores Islands.

645

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Vitoria, Serra Branca, Santa Cruz, Rosais, etc.

NEIC 20 00:44:01.6, 3782Sx17628E, h193km, MG4.3(WEL), After WEL. WEL 20 00:44:01.7-0.2, 3782Sx17630E, h192km, MLa.2/21, 1C-3D, Error ellipse: s-maj=1.8km s-min=1.6km az=2.0, North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Urewera, Matawai, Hauiti, Black Stump Fm, etc.

IDC 20 00:47:16.7, 46.0, 4704N-15285E, h0km, mb3.8/3, mb1 3.9/3, mb1mx3.5/22, mbtmp3.8/3, MS3.5/1, Ms1 3.5/1, s-min=68.3km az=153.0, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Makanchi Array, Port Moresby, Fines Array, etc.

IDC 20 00:52:24.9, 6.2, 226N-12820E, h149km, 55km, mb3.8/9, mb1 3.9/9, mb1mx3.7/15, mbtmp3.9/9, Error ellipse: s-maj=72.3km s-min=13.5km az=67.1

2006 DEC

Error ellipse: s-maj=13.1km s-min=4.8km az=59.0. ISC 20 00:52:26.5, 2.9, 22N, 01-1282E, 02, h165km, 28km, n31, c054/26, mb4.2/14, Halmahera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Kota Kinabalu, Fitzroy Crossi, Port Moresby, WRA, etc.

ISCJB 20 01:12:31.8, 0.8, 3677N-004:226E, 0.05, h32km, 10km, Error ellipse: s-maj=7.5km s-min=5.8km az=128.6

CSEM 20 01:12:32.1, 0.1, 3666N-239E, h25km, ML2.8/8, Error ellipse: s-maj=2.8km s-min=2.5km az=160.0

MDD 20 01:12:33.1, 0.9, 3669N-242E, h28km, 12km, mb3.7/4, Error ellipse: s-maj=7.9km s-min=6.2km az=69.0, PRXIMO

CRAAG 20 01:12:33.3, 3649N-262E, M13.0, Error ellipse: s-maj=7.9km s-min=6.2km az=69.0, PRXIMO

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like EMIR, Miracle, Soneca Array, etc.

IDC 20 01:31:38.1, 0.8, 2174S-6858W, h106km, 6km, mb3.5/8, mb1 3.8/9, mb1mx3.7/16, mbtmp3.6/9, Error ellipse: s-maj=27.1km s-min=14.4km az=71.0, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LPaz, CFAA, CFAA, TXAR, SNA, etc.

ISCJB 20 02:00:44.7, 0.9, 700N-028:7887W, 0.06, h10km, mb3.5/4, Error ellipse: s-maj=11.5km s-min=7.6km az=46.3

IDC 20 02:00:45.1, 1.5, 699N-7878W, h0km, mb3.3/3, mb1 3.7/5, mb1mx3.5/19, mbtmp3.6/5, ML3.0/2, MS2.8/1, Ms1 2.8/1, ms1mx2.4/18, mbtmp3.6/5, s-maj=51.3km s-min=25.2km az=26.0

CASC 20 02:00:46.8, 1.2, 696N-7889W, h35km, 999km, MW3.6, mb3.9(NEIC), Error ellipse: s-maj=39.5km s-min=13.3km az=219.0

NEIC 20 02:00:47.7, 7.7, 704N-7885W, h17km, 47km, mb3.9/1, Error ellipse: s-maj=39.5km s-min=13.3km az=219.0

ISC 20 02:00:47.4, 1.0, 710N-008:7879W, 0.08, h10km, n16, c181/115, mb3.5/4, FAN

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

IDC 20 02:09:14.5, 1.9, 473N-7501W, h0km, mb3.6/1, mb1 3.9/1, mb1mx3.2/16, mbtmp3.6/1, MS2.8/1, Ms1 2.8/1, ms1mx2.3/23, Error ellipse: s-maj=56.9km s-min=11.1km az=177.0, Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ROSC, TEIG, YKA, WRA, etc.

ISCJB 20 02:21:22.9, 5.0, 69S, 0:4:1522E, 0.3, h51km, 41km, mb3.7/4, MS3.1/1, Error ellipse: s-maj=83.4km s-min=29.6km az=102.8

IDC 20 02:21:25.0, 7.3, 683S-15215E, h57km, 56km, mb3.6/4, mb1 3.8/5, mb1mx3.5/15, mbtmp3.7/5, ML3.0/1, MS3.2/1, Ms1 3.2/1, ms1mx2.5/21, Error ellipse: s-maj=90.9km s-min=38.4km az=134.0

ISC 20 02:21:23.1, 4.7, 70S-04:1524E, 0.3, h42km, 39km, n10, c067/8, mb3.7/4, MS3.1/1, New Britain region

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

NIED 20 02:46:00, 4150N-14210E, h47km, Mw3.9 Best double couple: M7.24000x1014 NP1.9x19.00000, 867.00000, 1.92.00000, NP2.9x193.00000, 823.00000, 1.85.00000, BUI 20 02:46:32.8, 4244N-14216E, h54km, 6.4, mb4.4, Ms3.8, Ms2.5

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Makanchi Array, McKinley, South Pole Qui, etc.

IDC 20 04:31:13.4, 1.8, 2229S, 14797E, h0km, mb3.6/1, mb1.3.6/5, mb1mx3.6/12, mbtmp3.5/5, ML3.5/4, MS3.6/1, Ms1.3.6/1, ms1mx2.2/17, Error ellipse: s-maj=30.2km s-min=20.4km az=62.0, Queensland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Charters Tower, Stephens Creek, Warramunga Arr, etc.

JMA 20 04:33:51.0, 0.2, 2751N, 14093E, h336km, M4.1, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Chichi jima, Haha-jima-NKT, Boso 1, etc.

ISCJB 20 04:39:20.0, 0.5, 3579N, 003.5193E, 003, h4km, 4km, Error ellipse: s-maj=5.3km s-min=3.6km az=49.8

CSEM 20 04:39:19.8, 0.1, 3579N, 5192E, h10km, ML4.1, Error ellipse: s-maj=1.6km s-min=1.1km az=16.0

NEIC 20 04:39:20.4, 3574N, 5188E, h14km, ML4.1 (THR), MN4.2 (TEH), After TEH.

THR 20 04:39:20.4, 0.9, 3574N, 5189E, h14km, 3km, ML4.1

TEH 20 04:39:21.1, 3570N, 5193E, h10km, ML4.2

ISC 20 04:39:20.5, 3579N, 003.5193E, 003, h3km, 5km, n39, az=673/87, Northern and central Iran

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Damavand, Afjeh, Tehran-Karaj, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IRAZ Razeghan, ASAO Ashtian, ASAO Asao, etc.

CSEM 20 04:45:15.0, 3542N, 2143E, h10km, MD3.5/4, After ATH

ATH 20 04:45:15.0, 3542N, 2143E, h10km, MD3.5/4, Central Mediterranean Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KYTH Kithira, VITAI Vithai, ITM Ithomi, etc.

CSEM 20 05:00:36.9, 0.1, 3617N, 5384E, h2km, ML3.9, Error ellipse: s-maj=2.0km s-min=1.8km az=121.0

NEIC 20 05:00:36.0, 3620N, 5380E, h12km, mb4.2/4, ML4.1 (THR), MN4.2 (TEH), After TEH.

ISCJB 20 05:00:36.1, 0.4, 3617N, 004.5381E, 005, h10km, mb4.0/3, Error ellipse: s-maj=3.3km s-min=4.7km az=75.7

TEH 20 05:00:36.2, 3619N, 5384E, h12km, ML4.2

THR 20 05:00:38.4, 0.5, 3595N, 5382E, h15km, ML3.9

MOS 20 05:00:47.9, 2.0, 3711N, 5412E, h33km, mb4.2/2, Error ellipse: s-maj=16.9km s-min=13.5km az=72.3

ISC 20 05:00:38.5, 0.4, 3610N, 004.5375E, 005, h10km, n70, az=158/122, mb4.0/3, MS3.3/1, 1D, Northern and central Iran

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SHMIRZAD, ANJILOO, FIROOZKOOH, LASJERD, DAMAVAND, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SOC, AB31 Akbulak array, AAK Ala-Archa, etc.

CSEM 20 05:03:37.4, 0.5, 5144N, 002.1613E, 003, h0km, Error ellipse: s-maj=3.4km s-min=2.3km az=24.9

NEIC 20 05:03:38.4, 0.4, 5155N, 1613E, h5km, ML2.8 (BRA), ML2.9 (SZGRF), Error ellipse: s-maj=5.0km s-min=4.8km az=53.0

IPEC 20 05:03:38.6, 0.3, 5151N, 1623E, h3km, 1km, ML2.1/3, Error ellipse: s-maj=2.2km s-min=0.8km az=23.0

IDC 20 05:03:39.9, 0.7, 5147N, 1593E, h0km, mb1.3.5/7, mb1mx3.3/22, mbtmp3.4/7, ML2.9/7, Error ellipse: s-maj=14.0km s-min=6.8km az=98.0

PRU 20 05:03:40.9, 5142N, 1610E, h0km, Felt In Harachov

CSEM 20 05:03:40.0, 0.1, 5145N, 1616E, h1km, ML3.2/8, Error ellipse: s-maj=2.3km s-min=1.5km az=17.0

WAR 20 05:03:40.1, 5147N, 1614E, ML2.7, Mining Induced

VIE 20 05:03:41.6, 0.5, 5130N, 1617E, h0km, mb2.5/4, ML2.8/5, Error ellipse: s-maj=3.4km s-min=3.2km az=113.0

63 km WNW of Breslau Suspected Mining induced.

ISC 20 05:03:38.2, 0.4, 5151N, 002.1616E, 003, h0km, n50, az=1905/91, 4C-2D, Poland

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSP Ksiaz, KSP Ksiaz, Upec, Dobruska-Polom, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like Bornholm Skovb, Molin, Stebnicka Huta, Kacovo, Arzberg, etc.

ISC/JB 20 05:18.6:0.7, 5140N:004:1613E:003, h0km, Error ellipse: s-maj=5.3km s-min=2.7km az=17.8

NEIC 20 05:18.9:1.3, 5147N:1616E, h5km, ML2.5(BRA), ML2.6(SZGRF), Error ellipse: s-maj=14.7km s-min=5.6km az=200.0

IPEC 20 05:18.9:2.0, 5148N:1623E, h0km, ML2.0/3, Error ellipse: s-maj=1.5km s-min=0.8km az=29.0

CSEM 20 05:18.2:0.5, 5143N:1614E, h0km, ML3.0/3, Error ellipse: s-maj=3.2km s-min=1.5km az=15.0

WAR 20 05:18:20.4, 5147N:1614E, ML2.6, Mining Induced PRU 20 05:18:21.9, 5136N:1611E, h0km, Felt In Harrochov VIE 20 05:18:22.3:0.4, 5124N:1620E, h0km, ml2.0, ML2.8/3, Error ellipse: s-maj=2.5km s-min=2.0km az=179.0

WNV of Breslau Suspected Mining induced. ISC 20 05:18:19.9:0.7, 5143N:004:1613E:003, h0km, m25, c0583/56, 2C, Poland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like KSP, Ksiaz, Upice, Dobruska-Polom, etc.

GCG 20 05:29:58.4, 1446N:8940W, h38km, MD4.2

CASC 20 05:29:58.7:2.4, 1400N:8927W, h1km, 6km, MD3.9, ML3.8, 9C-5D, El Salvador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like RBDL, RTR, SNJE, SBL, etc.

ISC/JB 20 06:11:29.0:0.6, 4633N:01:1544E:01, h10km, mb4.2/21, Error ellipse: s-maj=16.8km s-min=8.2km az=131.0

IDC 20 06:11:28.9:0.7, 4622N:15438E, h0km, mb4.0/1, mb1.4/3, mb1mx4.1/25, mbtmp4.0/13, ML3.7/2, MS2.8/3, Ms1.2/8, ms1mx2.7/25, Error ellipse: s-maj=25.1km s-min=15.2km az=148.0

NEIC 20 06:11:30.5:0.5, 4628N:15430E, h10km, mb4.4/4, Error ellipse: s-maj=17.5km s-min=9.8km az=158.0

BUI 20 06:11:30.2, 4630N:15424E, h0km, mb4.6, mb4.4

ISC 20 06:11:30.9:0.6, 4633N:01:1544E:01, h10km, (h18km, 5.2km, p-P), n34, c16/06/34, mb4.2/21, 1D, East of Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like Kuril'sk, ASAJ, MJAR, MDJ, MDJ, MDJ, etc.

ISC 20 06:11:30.9:0.6, 4633N:01:1544E:01, h10km, (h18km, 5.2km, p-P), n34, c16/06/34, mb4.2/21, 1D, East of Kuril Islands

ISC 20 06:11:30.9:0.6, 4633N:01:1544E:01, h10km, (h18km, 5.2km, p-P), n34, c16/06/34, mb4.2/21, 1D, East of Kuril Islands

ISC 20 06:11:30.9:0.6, 4633N:01:1544E:01, h10km, (h18km, 5.2km, p-P), n34, c16/06/34, mb4.2/21, 1D, East of Kuril Islands

ISC 20 06:11:30.9:0.6, 4633N:01:1544E:01, h10km, (h18km, 5.2km, p-P), n34, c16/06/34, mb4.2/21, 1D, East of Kuril Islands

ISC 20 06:11:30.9:0.6, 4633N:01:1544E:01, h10km, (h18km, 5.2km, p-P), n34, c16/06/34, mb4.2/21, 1D, East of Kuril Islands

ISC 20 06:11:30.9:0.6, 4633N:01:1544E:01, h10km, (h18km, 5.2km, p-P), n34, c16/06/34, mb4.2/21, 1D, East of Kuril Islands

ISC 20 06:11:30.9:0.6, 4633N:01:1544E:01, h10km, (h18km, 5.2km, p-P), n34, c16/06/34, mb4.2/21, 1D, East of Kuril Islands

ISC 20 06:11:30.9:0.6, 4633N:01:1544E:01, h10km, (h18km, 5.2km, p-P), n34, c16/06/34, mb4.2/21, 1D, East of Kuril Islands

ISC 20 06:11:30.9:0.6, 4633N:01:1544E:01, h10km, (h18km, 5.2km, p-P), n34, c16/06/34, mb4.2/21, 1D, East of Kuril Islands

ISC 20 06:11:30.9:0.6, 4633N:01:1544E:01, h10km, (h18km, 5.2km, p-P), n34, c16/06/34, mb4.2/21, 1D, East of Kuril Islands

ISC 20 06:11:30.9:0.6, 4633N:01:1544E:01, h10km, (h18km, 5.2km, p-P), n34, c16/06/34, mb4.2/21, 1D, East of Kuril Islands

ISC 20 06:11:30.9:0.6, 4633N:01:1544E:01, h10km, (h18km, 5.2km, p-P), n34, c16/06/34, mb4.2/21, 1D, East of Kuril Islands

ISC 20 06:11:30.9:0.6, 4633N:01:1544E:01, h10km, (h18km, 5.2km, p-P), n34, c16/06/34, mb4.2/21, 1D, East of Kuril Islands

ISC 20 06:11:30.9:0.6, 4633N:01:1544E:01, h10km, (h18km, 5.2km, p-P), n34, c16/06/34, mb4.2/21, 1D, East of Kuril Islands

TRQA Torquist 7.62 98 ePn Pn 07 15 50.0 -1.8

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

CASC 20 07:20:24.3:2.2, 1398N:8977W, h0km, 6km, MD4.4, ML4.1, mb4.2(NEIC)

ISC/JB 20 07:20:25.8:0.4, 1417N:005:8927W:004, h10km, mb3.9/3, MS3.6/6, Error ellipse: s-maj=3.4km s-min=3.7km az=72.6

NEIC 20 07:20:29.5:1.1, 1426N:8954W, mb4.2/2, MD4.3(SNET), Error ellipse: s-maj=25.2km s-min=12.0km az=30.0

NEIC Felt (V) at Atiquizaya and Turin, El Salvador. IDC 20 07:20:30.9:4.3, 1418N:8966W, h35km, 42km, mb3.6/3, mb1.4/0.7, mb1mx3.7/21, mbtmp3.8/7, MS3.6/3, MS3.6/10, Ms1.3.6/10, ms1mx3.4/25, Error ellipse: s-maj=50.6km s-min=29.6km az=38.0

ISC 20 07:20:27.3:0.4, 1414N:005:8974W:004, h10km, n45, c1926/31, mb3.9/3, MS3.6/6, 5C-7D, Guatemala

ISC 20 07:20:27.3:0.4, 1414N:005:8974W:004, h10km, n45, c1926/31, mb3.9/3, MS3.6/6, 5C-7D, Guatemala

ISC 20 07:20:27.3:0.4, 1414N:005:8974W:004, h10km, n45, c1926/31, mb3.9/3, MS3.6/6, 5C-7D, Guatemala

ISC 20 07:20:27.3:0.4, 1414N:005:8974W:004, h10km, n45, c1926/31, mb3.9/3, MS3.6/6, 5C-7D, Guatemala

ISC 20 07:20:27.3:0.4, 1414N:005:8974W:004, h10km, n45, c1926/31, mb3.9/3, MS3.6/6, 5C-7D, Guatemala

ISC 20 07:20:27.3:0.4, 1414N:005:8974W:004, h10km, n45, c1926/31, mb3.9/3, MS3.6/6, 5C-7D, Guatemala

ISC 20 07:20:27.3:0.4, 1414N:005:8974W:004, h10km, n45, c1926/31, mb3.9/3, MS3.6/6, 5C-7D, Guatemala

ISC 20 07:20:27.3:0.4, 1414N:005:8974W:004, h10km, n45, c1926/31, mb3.9/3, MS3.6/6, 5C-7D, Guatemala

ISC 20 07:20:27.3:0.4, 1414N:005:8974W:004, h10km, n45, c1926/31, mb3.9/3, MS3.6/6, 5C-7D, Guatemala

ISC 20 07:20:27.3:0.4, 1414N:005:8974W:004, h10km, n45, c1926/31, mb3.9/3, MS3.6/6, 5C-7D, Guatemala

ISC 20 07:20:27.3:0.4, 1414N:005:8974W:004, h10km, n45, c1926/31, mb3.9/3, MS3.6/6, 5C-7D, Guatemala

ISC 20 07:20:27.3:0.4, 1414N:005:8974W:004, h10km, n45, c1926/31, mb3.9/3, MS3.6/6, 5C-7D, Guatemala

ISC 20 07:20:27.3:0.4, 1414N:005:8974W:004, h10km, n45, c1926/31, mb3.9/3, MS3.6/6, 5C-7D, Guatemala

20d 8h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZAL, BRTR, AKAS, FINES, etc.

ISCJB 20 07:29:35.6:0.4, 3834N.003:2783E.004, h5km, Error ellipse: s-maj=4.5km s-min=3.7km az=35.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKS, BLCB, MSLB, etc.

ISCJB 20 07:41:58.8:0.7, 48N.01:95.10E.007, h53km, mb4.3/21, MS3.3/2, Error ellipse: s-maj=16.8km s-min=7.1km az=52.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PSI, KULM, JIRN, etc.

20d DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BVAR, AKTK, AKTO, etc.

ISCJB 20 07:52:22.5:0.5, 1410N.006:8970W.004, h4km, mb3.9/4, Error ellipse: s-maj=9.0km s-min=5.0km az=27.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RBDL, RTR, SBJE, etc.

ISCJB 20 07:58:53.5:0.5, 1406N.006:8968W.004, h10km, mb3.7/6, MS3.7/11, Error ellipse: s-maj=8.4km s-min=4.4km az=36.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RTR, SBJE, SBL, etc.

650

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

CASC 20 08:05:32.9:1.5, 1401N.8975W, h1km, 4km, MD3.8, 3C-2D, Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RTR, SBJE, SBL, etc.

CASC 20 08:08:47.6:3.0, 1372N.9025W, h20km, 38km, ML4.2, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RTR, SBJE, SBL, etc.

CASC 20 08:25:24.7:2.7, 1404N.8949W, h0km, 7km, MD3.6, ML4.6, 7C-4D, Guatemala

20d 9h

Table of seismic events for 20d 9h, listing station names (e.g., M08A, K10A), magnitudes, times, and locations.

2006 DEC

Table of seismic events for 2006 DEC, listing station names (e.g., OBN, EDW2, U10A), magnitudes, times, and locations.

652

Table of seismic events for 652, listing station names (e.g., JCT, STKA, KBA), magnitudes, times, and locations.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, NVAR Mina Array Bea, etc.

CSEM 20 09:27:42.9.0.1, 4305N:035W, h0km, ML2.2, Error ellipse: s-maj=2.2km s-min=0.8km az=13.0

LDG 20 09:27:42.8.0.1, 4304N:035W, h2km, Md2.5/3, M2.5/1, Error ellipse: s-maj=2.3km s-min=0.9km az=8.0

NEIC 20 09:27:42.8.4304N:035W, h2km, ML2.2(S2TR), ML2.5(LD3), After: LDG

STR 20 09:27:42.5.0.1, 4302N:037W, h5km, 1km, ML2.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

MDD 20 09:27:43.2.0.2, 4306N:034W, h0km, mbLg1.9/15.1C, Error ellipse: s-maj=2.8km s-min=1.2km az=14.0

PRXIMO, Pyrenees

Main table for station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like REYF Montagne du Re, ETSF Etsaut, ATE Arette, etc.

NEIC 20 09:43:35.6, 1817N:10046W, h66km, MD3.9(MEX), After MEX.

MEX 20 09:43:35.4.0.7, 1814N:10037W, h85km, MD4.0, 4C-1D, Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MEIG Mezcala, PLIG Platanillo, etc.

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

ISCJB 20 10:11:54.9.0.6, 4425N:004E, 1029E:005, h10km, Error ellipse: s-maj=6.6km s-min=4.7km az=60.8

GEN 20 10:11:54.9, 4429N:1034E, h0km, ML2.0, Error ellipse: s-maj=2.8km s-min=2.5km az=48.0

ROM 20 10:11:55.2.0.4, 4427N:1034E, h6km, 4km, Md2.5/7, M2.1/4, Error ellipse: s-maj=6.0km s-min=3.9km az=7.0

ISC 20 10:11:55.2.0.6, 4425N:004E:1028E:005, h10km, n13, c065/17.3C, Northern Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VALM Satorrolo, SARC Vicollemand, BACM Eremo, etc.

CASC 20 10:17:23.1.1.4, 1397N:8977W, h4km, 3km, ML3.7, 4C-6D, El Salvador

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RTR El Retiro, RBDL Robledal, SNUJ San Jose, etc.

ISCJB 20 10:30:23.0.0.7, 2543N:006E:9008E:004, h48km, 8km, mb4.2/10, Error ellipse: s-maj=10.2km s-min=5.6km az=12.6

IDC 20 10:30:24.9.0.9, 2631N:8983E, h0km, mb4.2/11, mb1.4.3/11, mb1mx0.025, mbtmp4.2/11, Error ellipse: s-maj=74.0km s-min=17.2km az=52.0

DMN 20 10:30:24.6.0.7, 2567N:8972E, h10km, M4.7/7, Error ellipse: s-maj=48.5km s-min=12.4km az=29.0

ISC 20 10:30:24.0.0.7, 2530N:006E:9008E:004, h46km, 8km, n37, c132/47, mb4.2/10, 1D, India-Bangladesh border region

Main table for station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SHL Shillong, AGT Agartala, SLGI Shiliguri, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AJM comp=E,20nm,0.6s, LADR Latir, KAD Karad, etc.

MOS 20 10:31:09.5.0.9, 5568N:11016E, h8km, mb4.4/1, Error ellipse: s-maj=14.1km s-min=8.2km az=63.4

BYKL 20 10:31:10.3.0.3, 5568N:11014E, h2km, 5km, 5C-4D, Lake Baykal region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NIZ Nizh Angarsk, KMO Kumora, YLYR Ulyunkhan, etc.

SVKR Severomysk 1.98 76 ePn Pn 10 31 45.3 +0.6

SVKR Suvo 2.03 182 ePn Pn 10 31 46.8 -2.4

SVKR Suvo 2.03 182 ePn Pn 10 31 46.8 -2.4

SVKR Suvo 2.03 182 ePn Pn 10 31 46.8 -2.4

SVKR Suvo 2.03 182 ePn Pn 10 31 46.8 -2.4

SVKR Suvo 2.03 182 ePn Pn 10 31 46.8 -2.4

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SVKR Suvo 2.03 182 ePn Pn 10 31 46.8 -2.4

SVKR Suvo 2.03 182 ePn Pn 10 31 46.8 -2.4

Table with columns: Station Name, Az, El, Smax, Time, Res, and various station codes (e.g., NLYR, TRG, UUDB, etc.).

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and various station codes (e.g., RPN, PPT, PLCA, etc.).

Table with columns: KUDL, Kundal, Time, Res, and various station codes (e.g., KUDL, LGTI, AJJM, etc.).

IDC 20 10:45:28.5-1.6, 2233S-11434W, h0km, mb3.8/5, mb1 4.2/5, mb1mx4.1/14, mbtmp3.8/5, MS3.6/6, Ms1 3.6/6, comp=Z,76nm,0.5s

20d 15h

2006 DEC

IDC 20 14:52:15.4-4.2, 336S, 14653E, h0km, mb4.0/4, mb1 4.3/6, mb1mx3.9/16, mbtmp4.2/6, ML3.4/2, MS3.0/2, Ms1 3.0/2, ms1mx2.6/23, Error ellipse: s-maj=71.1km s-min=46.3km az=54.0

NEIC 20 14:52:19.7-2.0, 337S, 14662E, h35km, mb4.1/1, 1C-1D, Error ellipse: s-maj=32.9km s-min=21.5km az=52.0, Bismarck Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include PMG Port Moresby, PMG Port Moresby, CTA Charters Tower, CTA Charters Tower, KAKA Kakadu, WB2 Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, STKA Stephens Creek, TORD Torodi Ar. Bea.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include Y14A Wickenburg, WUAZ Wupatki, WUAZ Wupatki, X14A Yava, W15A Williams, Y13A Salome, GLA Glamis, Y12C Blythe, W14A Seligman, X13A Yucca, PDMCI Parker Dam, Lak, W13A Hualapai Mount, BC3 Big Chuck Mtn, IRM Iron Mountain, BELC Belle Mtn, PFO Pinyon Flat Ob, GMRC Granite Mounta, Y12A Nelson, U12A Valley of Fire, RSSD Black Hills, RSSD HEC, Y11A Goodspings, BBRC Big Bear Sol-O, TUQ Turquoise Mtn, BFSC Mount Baldy St, GSC Goldstone, SHOC Shoshone, U10A Ash Meadows, A, EDWC Edwards Air Fo, LRMC Laurel Mount, DUG Dugway, FURC Furnace Creek, PDAR Pinedale Array, PDAR Manual Prospec, HWUT Hardware Ranch, Q12A Willow Creek R, ARVC Arvin, ISA Isabella, P12A McGill, Q11A Duckwater, CWC Cottonwood Cre, R10A Warm Springs, S09A Goldfield, PKM Peak Mountain, YES Vestal, Richgr, O12A Currie, ULM Lac du Bonnet, ULM Wendler, West, R09A Tonopah, SMMC Simmer, S08C White Mtn Res, HELL Mitchell Peak, O11A Cowboy Ranch, P10A Eureka, L13A Double Diamond, R08A Mina, M12A Wells, KCC Kaiser Creek, NVAR Mine Array Bea, NVAR Parkfield, Q08A Gabbs, R10A Cortex Mining, O07C Lee Vining, M11A Holland Ranch, R06C Coleville, HAST UC Hastings Re, N09A Rock Creek Ran, HLID Hailey, HLID Hailey, CMB Columbia Colle, CMB Columbia Colle.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include PACP Pacheco Peak, BOZ Bozeman (W), MCMT McKenzie Canyo, J12A Stokes Ranch, SCHO Schefferville, SCHO Schefferville, R05C Kirkwood Meado, S04C Ingram Canyon, WCN Washoe City, R04C Big Horse Ranc, MFID Camas Ranch, LAVA Lava Cap Winer, L09A Wilkinson Ranch, K10A MacKenzie Ran, P05C Yuba Gap, Truc, G13A Cobalt, EGMT Eagleton, F14A Wisdom, I11A Placerville, BEKR Beckworth, Q04C Lincoln, K09A Rome, N06A Buffalo Meadow, L08A Buffalo Meadow, OHCM Honcut, O05C Quincy, F13A Darby, SUTB Sutter Butte, ORV Oroville, ORV Fry Pan Ranch, K08A Mann Creek Ran, ELFS Eagle Lake Fie, L07A Adell, O04C Chester, E13A Victor, F12A Elk City, I09A Lost Marbles R, J08A Circle Bar Ran, HATC Hat Creek Rad, M05C Lookout, GASB Alder Springs, D13A Huson, F11A Grangeville, E11A Bogner Ranch, C13A Hot Springs, J06A Christmas Vall, K05A Sumner Lake, F10A Beach Ranch, E, M04C Macdoel, I07A Izee, F09A S2 Ranch, Elgi, E10A Myers Farm, Un, I06A Prineville, N02C Big Bar, H07A Lands Inn, Kim, G08A Pile Rock, WALA Waterton Lakes, J05A Fort Rock, J08A Pendleton, D10A Wagner Farm, O, E09A Wood Farm, Sta, B12A Libby, D09A Jones Farm, Ri, G06A Carlson Farm, F07A Phinny Hill Vi, NEW Newport, A11A Hall Mountain, C09A Chrisman Ranch, B09A Rice, D07A Quincy, C07A Waterville, B08A Colbie Reser, D06A Cle Elum, A08A Turner Farm, O, A07A Ashnola River, C04A Brinnon, YKA Yellowknife Ar, MDT Midelt, TOAO Torodi Ar. Bea, TORD Torodi Ar. Bea, ESDC Sonseca Array, SNAAC SNAAC, RES Resolute Bay, INK Inuvik, INK Eskdalemuir, EKA Eskdalemuir Ar.

ISC/B 20 15:05:55.1, 0, 479S, 005:7535W, 005, h52km, 9km, mb4.6/29, MS4.1/11, Error ellipse: s-maj=8.3km s-min=7.6km az=129.4

IDC 20 15:05:57.0-0.6, 486S, 7546W, h58km, 5km, mb4.2/12, mb1 4.4/20, mb2 4.3/28, mbtmp4.3/20, mbms4.6/12, Ms1 3.6/12, ms1mx3.4/36, Error ellipse: s-maj=13.0km s-min=9.3km az=111.0

NEIC 20 15:10:57.0-0.3, 479S, 7537W, mb4.8/21, Error ellipse: s-maj=9.4km s-min=5.2km az=69.0

BUI 20 15:10:57.6, 480S, 7540W, h56km, mb5.1, Ms5.2, Msz4.7

ISC 20 15:10:57.2-0.8, 481S, 004:7529W, 005, h47km, 8km, h60km, 3km, p-P, n237, 0568/212, mb4.6/29, MS4.1/11, 55C-58D, Northern Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include ATAH Atahualpa, ATAH Atahualpa, NNA Nana, NNA Nana, NNA Nana, ROSC El Rosal, ROSC El Rosal, ROSC El Rosal, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, SDV Santo Domingo, SDV Santo Domingo, JTS JuntasAbangare, JTS JuntasAbangare, JTS Siv, PCRV Puerto Cruz, PCRV Puerto Cruz, TGUH Tegucigalpa, SJJ San Juan, CFAA Coronel Fontan, CFAA Coronel Fontan, TEIG Tepich, CMIG Matias Romero, CMIG Matias Romero, TRQA Torquiste, PLCA Paso Flores, PLCA Paso Flores, OXF Oxford, OXF Pickwick Lake, TZTN Tazewell, ELN El Nido, WVT Waverly, LTX Lajitas, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, SIUC Southern Illin, FVM French Fontan, FVM French Fontan, WMOK Wichita Mounta, SSPA Standing Stone, ACSO Alum Creek Sta, KSU1 Kansas State U, ANMO Albuquerque, SCIA State Center, 116A Eloy, SDCO Great Sand Dun, 115A Sonoran Desert, MVCO Mesa Verde, Z14A Wintersburg, X15A Humboldt.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include HEC HEC, Y11A Goodspings, BBRC Big Bear Sol-O, TUQ Turquoise Mtn, BFSC Mount Baldy St, GSC Goldstone, SHOC Shoshone, U10A Ash Meadows, A, EDWC Edwards Air Fo, LRMC Laurel Mount, DUG Dugway, FURC Furnace Creek, PDAR Pinedale Array, PDAR Manual Prospec, HWUT Hardware Ranch, Q12A Willow Creek R, ARVC Arvin, ISA Isabella, P12A McGill, Q11A Duckwater, CWC Cottonwood Cre, R10A Warm Springs, S09A Goldfield, PKM Peak Mountain, YES Vestal, Richgr, O12A Currie, ULM Lac du Bonnet, ULM Wendler, West, R09A Tonopah, SMMC Simmer, S08C White Mtn Res, HELL Mitchell Peak, O11A Cowboy Ranch, P10A Eureka, L13A Double Diamond, R08A Mina, M12A Wells, KCC Kaiser Creek, NVAR Mine Array Bea, NVAR Parkfield, Q08A Gabbs, R10A Cortex Mining, O07C Lee Vining, M11A Holland Ranch, R06C Coleville, HAST UC Hastings Re, N09A Rock Creek Ran, HLID Hailey, HLID Hailey, CMB Columbia Colle, CMB Columbia Colle.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include PACP Pacheco Peak, BOZ Bozeman (W), MCMT McKenzie Canyo, J12A Stokes Ranch, SCHO Schefferville, SCHO Schefferville, R05C Kirkwood Meado, S04C Ingram Canyon, WCN Washoe City, R04C Big Horse Ranc, MFID Camas Ranch, LAVA Lava Cap Winer, L09A Wilkinson Ranch, K10A MacKenzie Ran, P05C Yuba Gap, Truc, G13A Cobalt, EGMT Eagleton, F14A Wisdom, I11A Placerville, BEKR Beckworth, Q04C Lincoln, K09A Rome, N06A Buffalo Meadow, L08A Buffalo Meadow, OHCM Honcut, O05C Quincy, F13A Darby, SUTB Sutter Butte, ORV Oroville, ORV Fry Pan Ranch, K08A Mann Creek Ran, ELFS Eagle Lake Fie, L07A Adell, O04C Chester, E13A Victor, F12A Elk City, I09A Lost Marbles R, J08A Circle Bar Ran, HATC Hat Creek Rad, M05C Lookout, GASB Alder Springs, D13A Huson, F11A Grangeville, E11A Bogner Ranch, C13A Hot Springs, J06A Christmas Vall, K05A Sumner Lake, F10A Beach Ranch, E, M04C Macdoel, I07A Izee, F09A S2 Ranch, Elgi, E10A Myers Farm, Un, I06A Prineville, N02C Big Bar, H07A Lands Inn, Kim, G08A Pile Rock, WALA Waterton Lakes, J05A Fort Rock, J08A Pendleton, D10A Wagner Farm, O, E09A Wood Farm, Sta, B12A Libby, D09A Jones Farm, Ri, G06A Carlson Farm, F07A Phinny Hill Vi, NEW Newport, A11A Hall Mountain, C09A Chrisman Ranch, B09A Rice, D07A Quincy, C07A Waterville, B08A Colbie Reser, D06A Cle Elum, A08A Turner Farm, O, A07A Ashnola River, C04A Brinnon, YKA Yellowknife Ar, MDT Midelt, TOAO Torodi Ar. Bea, TORD Torodi Ar. Bea, ESDC Sonseca Array, SNAAC SNAAC, RES Resolute Bay, INK Inuvik, INK Eskdalemuir, EKA Eskdalemuir Ar.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Kodiak Island, Tsumeb, Afi, Bosa, ZAL, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes sections for CASO 20:15:21.08, NEIC 20:15:27.54, and various other station groups.

Table with columns: SIV, PpP, PpP, Time, Res. Includes stations like BC3, IRM, MONP, PFO, HEC, etc.

Table with columns: ZAK, comp, Smax, MOY, ePN, Pn, Time, Res. Includes stations like MONDY, FITZ, WARRAMUNGA ARR, etc.

Table with columns: SOR, comp, e, OTAV, ePN, Pn, Time, Res. Includes stations like OTAV, NATX, JCT, etc.

Table with columns: BRU, comp, e, BRU, eS, La Lucha 2, Time, Res. Includes stations like BRU, CHANGUINOLA, etc.

IDC 20 17:06:57.0, 1.103N-126.22E, h0km, mb3.9/4, mb1 4.1/5, mb1mx3.8/17, mbtmp3.9/5, ML3.5/1, Error ellipse: s-maj=106.3km s-min=23.2km az=67.0

NEIC 20 17:06:57.0, 1.103N-126.48E, h10km, Error ellipse: s-maj=154.4km s-min=15.8km az=68.0, Northern Moluccha Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FITZ, WARRAMUNGA ARR, etc.

ISCJB 20 17:06:57.0, 1.103N-126.22E, h0km, mb3.9/4, mb1 4.1/5, mb1mx3.8/17, mbtmp3.9/5, ML3.5/1, Error ellipse: s-maj=106.3km s-min=23.2km az=67.0

CASC 20 17:06:57.0, 1.103N-126.48E, h10km, Error ellipse: s-maj=154.4km s-min=15.8km az=68.0, Northern Moluccha Sea

NEIC 20 17:06:57.0, 1.103N-126.48E, h10km, Error ellipse: s-maj=154.4km s-min=15.8km az=68.0, Northern Moluccha Sea

NEIC Fell (VII) at Atiquizaya and Turin. GCMT 20 17:06:57.0, 1.103N-126.48E, h10km, Error ellipse: s-maj=154.4km s-min=15.8km az=68.0

Moment Tensor Solution: s23 c28: s67 c94; Duration: 0. Moment tensor: Scale 10^16Nm; Mr-0.20: 13; Mw-2.5: 13; Mw2-7.0: 14; Mw-0.65: 29; Mw-2.31: 12; Mw-0.22: 27; Best double couple: M3.5, 52.00 x 10^16

NP1: 24.00000, -82.00000, -1.80000; NP2: 0.1500000, -82.00000, -1.7100000; Principal axes: T 3.5770, P1g.00000, Azm249.00000; N -0.0580, P1g78.00000, Azm157.00000; P -3.5270, P1g12.00000, Azm339.00000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

IDC 20 17:07:04.6, 2.7, 14.03N-89.99W, h7km, mb3.8/10, mb1 4.1/14, mb1mx4.0/22, mbtmp4.0/14, MS4.3/22, MS1 4.3/22, ms1mx4.2/29 Error ellipse: s-maj=29.9km s-min=12.5km az=60.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RTR, SNJE, SBLB, etc.

ISC 20 17:06:57.2, 0.3, 1413N-004-8980W-003, h10km, n79, r140/60, mb4.2/13, MS4.3/18, 3C-9D, Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PCG, LBRB, TER, etc.

WEL 20 17:23:48.9, 0.3, 3698S-17747E, h196km, 2km, ML3.6/4, Error ellipse: s-maj=4.8km s-min=3.8km az=90.0, east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BOQS, LFLU, LBRB, etc.

UCR 20 17:33:08.6, 8.93N-83.52W, h6km, MD3.9 UPA 20 17:33:09.0, 8.94N-83.43W, h2km, MW4.4 CASC 20 17:33:08.2, 2.9, 8.95N-83.45W, h12km, 12km, MD3.9, 4C-1D, Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BUS, CTRC, GRUZ, etc.

WEL 20 17:23:48.9, 0.3, 3698S-17747E, h196km, 2km, ML3.6/4, Error ellipse: s-maj=4.8km s-min=3.8km az=90.0, east coast of North Island

UCR 20 17:33:08.6, 8.93N-83.52W, h6km, MD3.9 UPA 20 17:33:09.0, 8.94N-83.43W, h2km, MW4.4 CASC 20 17:33:08.2, 2.9, 8.95N-83.45W, h12km, 12km, MD3.9, 4C-1D, Costa Rica

WEL 20 17:23:48.9, 0.3, 3698S-17747E, h196km, 2km, ML3.6/4, Error ellipse: s-maj=4.8km s-min=3.8km az=90.0, east coast of North Island

UCR 20 17:33:08.6, 8.93N-83.52W, h6km, MD3.9 UPA 20 17:33:09.0, 8.94N-83.43W, h2km, MW4.4 CASC 20 17:33:08.2, 2.9, 8.95N-83.45W, h12km, 12km, MD3.9, 4C-1D, Costa Rica

WEL 20 17:23:48.9, 0.3, 3698S-17747E, h196km, 2km, ML3.6/4, Error ellipse: s-maj=4.8km s-min=3.8km az=90.0, east coast of North Island

UCR 20 17:33:08.6, 8.93N-83.52W, h6km, MD3.9 UPA 20 17:33:09.0, 8.94N-83.43W, h2km, MW4.4 CASC 20 17:33:08.2, 2.9, 8.95N-83.45W, h12km, 12km, MD3.9, 4C-1D, Costa Rica

WEL 20 17:23:48.9, 0.3, 3698S-17747E, h196km, 2km, ML3.6/4, Error ellipse: s-maj=4.8km s-min=3.8km az=90.0, east coast of North Island

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WEL 20 17:23:48.9, 0.3, 3698S-17747E, h196km, 2km, ML3.6/4, Error ellipse: s-maj=4.8km s-min=3.8km az=90.0, east coast of North Island

UCR 20 17:33:08.6, 8.93N-83.52W, h6km, MD3.9 UPA 20 17:33:09.0, 8.94N-83.43W, h2km, MW4.4 CASC 20 17:33:08.2, 2.9, 8.95N-83.45W, h12km, 12km, MD3.9, 4C-1D, Costa Rica

WEL 20 17:23:48.9, 0.3, 3698S-17747E, h196km, 2km, ML3.6/4, Error ellipse: s-maj=4.8km s-min=3.8km az=90.0, east coast of North Island

UCR 20 17:33:08.6, 8.93N-83.52W, h6km, MD3.9 UPA 20 17:33:09.0, 8.94N-83.43W, h2km, MW4.4 CASC 20 17:33:08.2, 2.9, 8.95N-83.45W, h12km, 12km, MD3.9, 4C-1D, Costa Rica

WEL 20 17:23:48.9, 0.3, 3698S-17747E, h196km, 2km, ML3.6/4, Error ellipse: s-maj=4.8km s-min=3.8km az=90.0, east coast of North Island

UCR 20 17:33:08.6, 8.93N-83.52W, h6km, MD3.9 UPA 20 17:33:09.0, 8.94N-83.43W, h2km, MW4.4 CASC 20 17:33:08.2, 2.9, 8.95N-83.45W, h12km, 12km, MD3.9, 4C-1D, Costa Rica

WEL 20 17:23:48.9, 0.3, 3698S-17747E, h196km, 2km, ML3.6/4, Error ellipse: s-maj=4.8km s-min=3.8km az=90.0, east coast of North Island

UCR 20 17:33:08.6, 8.93N-83.52W, h6km, MD3.9 UPA 20 17:33:09.0, 8.94N-83.43W, h2km, MW4.4 CASC 20 17:33:08.2, 2.9, 8.95N-83.45W, h12km, 12km, MD3.9, 4C-1D, Costa Rica

WEL 20 17:23:48.9, 0.3, 3698S-17747E, h196km, 2km, ML3.6/4, Error ellipse: s-maj=4.8km s-min=3.8km az=90.0, east coast of North Island

UCR 20 17:33:08.6, 8.93N-83.52W, h6km, MD3.9 UPA 20 17:33:09.0, 8.94N-83.43W, h2km, MW4.4 CASC 20 17:33:08.2, 2.9, 8.95N-83.45W, h12km, 12km, MD3.9, 4C-1D, Costa Rica

WEL 20 17:23:48.9, 0.3, 3698S-17747E, h196km, 2km, ML3.6/4, Error ellipse: s-maj=4.8km s-min=3.8km az=90.0, east coast of North Island

UCR 20 17:33:08.6, 8.93N-83.52W, h6km, MD3.9 UPA 20 17:33:09.0, 8.94N-83.43W, h2km, MW4.4 CASC 20 17:33:08.2, 2.9, 8.95N-83.45W, h12km, 12km, MD3.9, 4C-1D, Costa Rica

WEL 20 17:23:48.9, 0.3, 3698S-17747E, h196km, 2km, ML3.6/4, Error ellipse: s-maj=4.8km s-min=3.8km az=90.0, east coast of North Island

UCR 20 17:33:08.6, 8.93N-83.52W, h6km, MD3.9 UPA 20 17:33:09.0, 8.94N-83.43W, h2km, MW4.4 CASC 20 17:33:08.2, 2.9, 8.95N-83.45W, h12km, 12km, MD3.9, 4C-1D, Costa Rica

WEL 20 17:23:48.9, 0.3, 3698S-17747E, h196km, 2km, ML3.6/4, Error ellipse: s-maj=4.8km s-min=3.8km az=90.0, east coast of North Island

UCR 20 17:33:08.6, 8.93N-83.52W, h6km, MD3.9 UPA 20 17:33:09.0, 8.94N-83.43W, h2km, MW4.4 CASC 20 17:33:08.2, 2.9, 8.95N-83.45W, h12km, 12km, MD3.9, 4C-1D, Costa Rica

WEL 20 17:23:48.9, 0.3, 3698S-17747E, h196km, 2km, ML3.6/4, Error ellipse: s-maj=4.8km s-min=3.8km az=90.0, east coast of North Island

CSEM 20 17:36:22.0, 0.2, 6707N-2092E, h0km, ML2.5, Error ellipse: s-maj=7.3km s-min=3.8km az=77.0, Mining explosion. After UPP

UPP 20 17:36:22.0, 6707N-2092E, h0km, ML2.5, Mining explosion. HEL 20 17:36:22.8, 0.1, 6708N-2092E, h0km, ML2.0, ML2.5 (UPP), Explosion, Sweden

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

IDC 20 17:44:0.8, 1.9, 1657S-17386W, h0km, mb4.1/4, mb1 4.2/5, mb1mx3.9/17, mbtmp4.1/5, ML2.3/1, Error ellipse: s-maj=55.0km s-min=29.8km az=128.0

NEIC 20 17:44:0.2, 0.9, 1656S-17381W, h15km, Error ellipse: s-maj=35.6km s-min=12.9km az=130.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AFI, TORD, RAO, AKAS, WRA, ASAR, etc.

MAN 20 18:14:9, 1550N-12184E, h1km, mb3.6, ML4.7, MS1.8, 1C, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BALP, BALP, POLP, CAUP, etc.

KRSC 20 18:51:58.4, 0.7, 5385N-16087E, h62km, 58km, ML3.8, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KII, MKZ, SPN, etc.

MAN 20 18:14:9, 1550N-12184E, h1km, mb3.6, ML4.7, MS1.8, 1C, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BALP, BALP, POLP, CAUP, etc.

KRSC 20 18:51:58.4, 0.7, 5385N-16087E, h62km, 58km, ML3.8, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KII, MKZ, SPN, etc.

ISCJB 20 18:53:59.0, 5.4, 2328N-002-2162E, h0km, Error

ellipse: s-maj=5.0km s-min=3.0km az=2.4
CSEM 20 18:53:53.0, 1.4240N, 21.58E, h5km, ML2.0, Error
ellipse: s-maj=3.2km s-min=1.8km az=85.0
BEO 20 18:53:54.5, 0.1, 4240N, 21.63E, h16km
SOF 20 18:53:55.6, 4249N, 21.74E, h10km, MD2.6
SKO 20 18:53:56.3, 4222N, 21.71E, h21km, M1.6, ML2.0
THE 20 18:53:56.6, 4232N, 21.71E, h5km
ISC 20 18:53:54.3, 0.4, 4240N, 20.2158E, 0.05u, h10km, n31,
c1311/54, 4C, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Skopje, Barje, Krusevo, Vitoshka, Valandovo, Bitola, etc.

ISC 20 18:54:25.2, 5.1, 149S, 13863E, h0km, mb3.3/2, mb1 3.5/3,
mb15x3.1/3, mbtpp3.3/3, ML3.5/1, Error ellipse:
s-maj=216.0km s-min=26.5km az=85.0, Near north
coast of Irian Jaya

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Warrunganga, Alice Springs, Makanchi Array.

ISCJB 20 19:04:58.0, 0.5, 4375N, 10518W, 0.06, h0km, mb4.1/5,
Error ellipse: s-maj=6.9km s-min=5.3km az=38.1
NEIC 20 19:04:60.0, 0.3, 4376N, 10523W, h0km, ML3.4, Error
ellipse: s-maj=5.0km s-min=3.8km az=122.0, Suspected
Mining explosion

NEIC 60 [40 miles] SSE of Gillette.
IDC 20 19:05:00.1, 0.8, 4390N, 10564W, h0km, mb4.0/5,
mb1 3.9/10, mb1mx3.7/24, mbtpp3.7/10, ML3.2/4, Error
ellipse: s-maj=21.7km s-min=7.9km az=145.0

ISC 20 19:04:59.7, 0.5, 4376N, 10519W, 0.06, h0km, n48,
c096/48, mb4.1/5, Wyoming

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Black Hills, Pilot Hill, Rawlins, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like SPUT, HVU, SDCO, MPU, SRU, etc.

ISCJB 20 19:27:30.6, 1.2, 3448N, 0.05, 2386E, 0.05, h4km, 6km,
mb3.8/10, Error ellipse: s-maj=8.5km s-min=7.1km
az=179

IDC 19:27:31.6, 1.1, 3461N, 2392E, h0km, mb4.0/10,
mb1 3.9/13, mb1mx3.8/23, mbtpp3.8/13, ML3.7/3, Error
ellipse: s-maj=24.6km s-min=12.2km az=149.0

ATH 20 19:27:32.5, 3460N, 2379E, h11km, 2km, MD3.8/8
NEIC 20 19:27:32.5, 3460N, 2379E, h11km, MD3.8(ATH), After
ATH

CSEM 20 19:27:33.0, 3.3, 3457N, 2386E, h5km, MD3.8, Error
ellipse: s-maj=5.4km s-min=2.9km az=1.0
THE 20 19:27:36.1, 3469N, 2396E, h10km
MOS 20 19:27:36.8, 1.8, 3476N, 2396E, h41km, mb3.9/1, Error
ellipse: s-maj=20.1km s-min=9.8km az=80.6

NAO 20 19:27:43.0, 3575N, 2549E, h33km, mb3.8
ISC 20 19:27:32.2, 1.3, 3452N, 0.05, 2389E, 0.05, h4km, 6km, n42,
c1825/49, mb3.8/10, Crete

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like GVD, KARN, SIVA, VAM, etc.

NEIC 20 19:41:10.3, 0.8, 2192N, 14327E, h10km, mb4.4/3, Error
ellipse: s-maj=29.7km s-min=13.7km az=78.0
MOS 20 19:41:11.8, 1.2, 2196N, 14319E, h33km, mb4.3/3, Error
ellipse: s-maj=35.2km s-min=16.8km az=120.4

ISCJB 20 19:41:13.3, 2.9, 2191N, 0.1, 1433E, 0.3, h47km, 26km,
mb4.0/10, Error ellipse: s-maj=40.7km s-min=19.0km
Lha=166.2

IDC 20 19:41:15.1, 1.4, 2189N, 14330E, h44km, 39km, mb3.6/8,
mb1 3.8/9, mb1mx3.7/23, mbtpp3.7/9, ML4.0/1, MS3.4/1,
Ms1 3.4/1, ms1mx2.6/28, Error ellipse: s-maj=46.8km
s-min=19.2km az=81.0

ISC 20 19:41:15.3, 2.5, 2191N, 0.1, 1433E, 0.3, h49km, 23km, n17,
c0599/17, mb4.0/10, Mariana Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like CBU, KSRS, SONM, etc.

NEIC 20 19:40:33.0, 0.5, 2187N, 14316E, h10km, mb4.5/2, Error
ellipse: s-maj=18.4km s-min=10.2km az=76.0
ISCJB 20 19:40:35.0, 2.5, 2186N, 0.1, 1432E, 0.2, h36km, 22km,
mb4.1/15, MS3.2/2, Error ellipse: s-maj=30.2km
s-min=15.4km az=157.1

MOS 20 19:40:35.0, 0.6, 2184N, 14309E, h33km, mb4.4/4, Error
ellipse: s-maj=27.1km s-min=14.5km az=114.9
IDC 20 19:40:37.8, 3.3, 2187N, 14314E, h42km, 30km, mb3.7/12,
mb1 3.9/13, mb1mx3.8/25, mbtpp3.8/13, ML4.4/2, MS3.4/4,
Ms1 3.4/4, ms1mx2.9/31, Error ellipse: s-maj=30.8km
s-min=15.0km az=81.0

ISC 20 19:40:37.2, 2.0, 2189N, 0.1, 1433E, 0.2, h38km, 17km, n27,
c082/25, mb4.1/15, MS3.2/2, C, Mariana Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Chichi jima, GBUJ, CMIJ, etc.

NEIC 20 19:41:10.3, 0.8, 2192N, 14327E, h10km, mb4.4/3, Error
ellipse: s-maj=29.7km s-min=13.7km az=78.0
MOS 20 19:41:11.8, 1.2, 2196N, 14319E, h33km, mb4.3/3, Error
ellipse: s-maj=35.2km s-min=16.8km az=120.4

ISCJB 20 19:41:13.3, 2.9, 2191N, 0.1, 1433E, 0.3, h47km, 26km,
mb4.0/10, Error ellipse: s-maj=40.7km s-min=19.0km
Lha=166.2

IDC 20 19:41:15.1, 1.4, 2189N, 14330E, h44km, 39km, mb3.6/8,
mb1 3.8/9, mb1mx3.7/23, mbtpp3.7/9, ML4.0/1, MS3.4/1,
Ms1 3.4/1, ms1mx2.6/28, Error ellipse: s-maj=46.8km
s-min=19.2km az=81.0

ISC 20 19:41:15.3, 2.5, 2191N, 0.1, 1433E, 0.3, h49km, 23km, n17,
c0599/17, mb4.0/10, Mariana Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like CBU, KSRS, SONM, etc.

20d 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HNR Honiara, CTA Charters Tower, PMG Port Moresby, etc.

ISCJB 20 21:02:57.2±1.8, 189S.0±1.707W.0.1, h75km, 18km, mb4.1/4, Error ellipse: s-maj=25.0km s-min=13.3km az=79.3

NEIC 20 21:02:58.0±1.2, 189AS.70±2W, h73km, 12km, mb3.9/1, Error ellipse: s-maj=18.4km s-min=12.4km az=68.0

ISC 20 21:02:58.2±1.7, 189AS.70±2W, h73km, 23km, mb3.9/4, mb1.4/2.6, mb1mx3.9/1.6, mbtmp4.0/6, MS3.5/3, Ms1.3/6.3, ms1mx3.2/2.8, Error ellipse: s-maj=28.6km s-min=21.2km az=52.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARE Arequipa, LPAZ La Paz, NNA Nana, etc.

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

ISC 20 21:06:40.5±2.2, 4318N.105.12W, h0km, mb2.7/1, mb1.3/9.4, mb1mx3.6/2.2, mbtmp3.7/4, ML3.9/3, MS4.0/1, Ms1.4/0.1, ms1mx2.6/4.5, Error ellipse: s-maj=40.5km s-min=8.0km az=56.8

ISCJB 20 21:06:41.7±0.6, 4376N.004.10509W.0.07, h0km, Error ellipse: s-maj=7.8km s-min=5.7km az=56.8

NEIC 20 21:06:44.3±0.4, 4372N.105.21W, h0km, ML3.2, Error ellipse: s-maj=5.9km s-min=4.9km az=126.0, Suspected Mining explosion.

NEIC 70 km [45 miles] SSE of Gillette. ISC 20 21:06:44.0±0.5, 4374N.004.10517W.0.06, h0km, n34, <085/13>, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RSSD Black Hills, LKLY Lake, MOOW Moose Point, etc.

MAN 20 21:07:17.4, 1767N.12250E, h1km, mb3.3, ML4.5, MS2.1, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CVP Callao Caves, CAUP Cauayan, ABRA Dolores, etc.

ISC 20 21:13:38.8±1.9, 491S.145.55E, h0km, mb3.7/4, mb1.4/2/8, mb1mx3.9/1.6, mbtmp4.2/8, ML3.9/4, MS3.4/2, Ms1.3/4.2, ms1mx3.0/1.6, Error ellipse: s-maj=36.9km s-min=27.6km az=77.0

ISCJB 20 21:13:39.1±1.2, 50S.0±1.456E.0.1, h0km, mb3.6/4, MS3.9/1, Error ellipse: s-maj=19.6km s-min=15.4km az=173.0

NEIC 20 21:13:41.2±1.3, 501S.145.60E, h10km, mb4.0/2, Error ellipse: s-maj=22.1km s-min=17.3km az=176.0

ISC 20 21:13:44.8±4.5, 50S.02±1456E.02, h40km, 47km, n12, <1923/12, mb3.6/4, MS3.9/1, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG Port Moresby, HNR Honiara, CTA Charters Tower, etc.

ISC 20 21:31:5.3±3.6, 242S.13999E, h0km, mb3.4/3, mb1.3/7/4, mb1mx3.5/1.3, mbtmp3.5/4, ML3.6/1, MS3.1/1, Ms1.3/1.1, ms1mx2.4/2.3, Error ellipse: s-maj=112.4km s-min=28.8km az=92.0, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, CTA Charters Tower, FITZ Fitzroy Crossi, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TER Fuego, FUG Fuego, BLML Bellmira, etc.

ISC 20 21:43:23.1±1.4, 3256N.13923E, h0km, mb3.5/2, mb1.3/7.7, mb1mx3.3/2.1, mbtmp3.4/3, ML3.7/1, Error ellipse: s-maj=42.7km s-min=15.1km az=115.0

ISCJB 20 21:43:24.1±1.2, 3309N.006.1409E.0.1, h63km, 13km, mb3.6/2, Error ellipse: s-maj=17.5km s-min=9.4km az=12.3

JMA 20 21:43:24.2±0.2, 3314N.14094E, h52km, M3.3 ISC 20 21:43:25.1±1.5, 3307N.007.1409E.0.1, h47km, 19km, n12, <1503/17, mb3.6/2, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JHU Mitsune, JHU Hachiojima, JHU Boso, etc.

CSEM 20 22:25:36.9±0.1, 3365N.3197E, h10km, Mw3.2, Error ellipse: s-maj=3.3km s-min=1.7km az=115.0

HLW 20 22:25:38.0, 337N.3210E, h44km, Mb3.7, Error ellipse: s-maj=3.3km s-min=1.7km az=115.0

NEIC 20 22:25:38.5, 3354N.3185E, h25km, ML3.3(NIC), After NIC. NIC 20 22:25:38.5±0.4, 3354N.3185E, h25km, ML3.3, Mw3.2

ISCJB 20 22:25:39.6±0.6, 3364N.005.3206E.0.04, h80km, 30km, Error ellipse: s-maj=7.9km s-min=5.7km az=37.6

GRAL 20 22:25:42.1±1.2, 3365N.3225E, h7km, 403km, MD3.5 GII 20 22:25:43.1±1.8, 3362N.3206E, h31km, 4km, ML3.1/9, Mw2.9/5

ISC 20 22:25:41.0±0.7, 3365N.004.3204E.0.04, h57km, 44km, n48, <0878/67, 5C-7D, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PPCY Paphos, SZAC Souni-Zanaja, SZAC Akamas, etc.

CASC 20 22:53:08.5±3.1, 1405N.8978W, h0km, 5km, MD3.9, ML3.8, 6C-7D, Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RBDL Robledal, RTR El Retiro, SBL Sables, etc.

20d 23h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like JNK, JNK, JNK, JTKR, UGJ, UGL, etc.

2006 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TLY, Talaya, TLY, TLY, IMA2, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CMB, Columbia Colle, JOF, Jostou, etc.

Table with columns for station call signs (GTA, LSA, HIA, etc.), frequencies, and other technical details. Includes stations like SCP, ScP, SS, AMB, etc.

Table with columns for station call signs (AKL, STKA, STKA, etc.), frequencies, and other technical details. Includes stations like Stephens Creek, Petropavlovsk, etc.

Table with columns for station call signs (BANOM, UNV, UNV, etc.), frequencies, and other technical details. Includes stations like Banah, Unalaska Valle, Hatia, Dubai, etc.

KIEV	comp=Z,33nm,1.0s,mb5.4	pmx	pmx		
KIEV	comp=Z,506nm,19.0s,MS4.9	MLR	MLR		
KIEV	Alert 83.99 321	eP	P	00 08 23.6	-0.9
KIEV	comp=Z,33nm,1.0s,mb5.4				
KIEV	comp=Z,506nm,19.0s,MS4.9	LR	LR		
ALE	Alert 84.24 1	P	P	00 08 26.0	+0.2
IDID	comp=Z,83nm,1.3s,mb5.7,SNR=8.1				
IDID	Dizissalis 84.29 325	eP	P	00 08 25.8	-0.3
EIL	comp=Z,1µm,0.8s	AMB	AMB	00 08 26.8	
SGKT	comp=Z,3µm,1.9s	eP	P	00 08 26.8	+0.6
IZAR	Zarasai 84.32 310	iP	P	00 08 26.0	-0.2
IZAR	comp=Z,1µm,0.7s	AMB	AMB	00 08 26.6	-0.3
IIGN	Ignalina 84.57 326	eP	P	00 08 27.1	-0.3
IIGN	comp=Z,726nm,0.8s	AMB	AMB	00 08 28.1	
KIS	Kishinev 85.12 317	eP	S	00 08 27.0	-3.2
KIS	comp=Z,21nm,1.5s,mb5.2	S	S	00 08 34.5	-0.2
ESKT	Eskisehir 85.46 309	iP	P	00 08 31.3	-0.6
DLBC	Dease Lake 85.98 31	eP	P	00 08 33.7	-0.9
TIRR	Tirgusor 86.03 315	eP	P	00 08 34.0	-0.7
TIRR	comp=Z,180nm,1.9s,mb5.0				
TIRR	Tirgusor 86.03 315	iP	PP	00 11 57.2	+2.4
TKTP	Tekketep 86.21 308	iP	P	00 08 35.0	-0.7
SUW	Suwali 86.64 325	eP	P	00 08 37.4	-0.4
VRI	Vrincioia 86.81 316	iP	P	00 08 39.0	+0.4
PLOR	Plonica 86.87 316	iP	P	00 08 39.1	+0.2
SURAR	Suvarovs Array 87.32 318	iP	P	00 08 40.9	-0.2
MLR	Muntele 87.44 316	iP	P	00 08 41.7	0.0
DAG	Ducovniks Havn 87.70 352	iP	P	00 08 40.0	-2.9
KWP	Kalwaria 88.30 321	eP	P	00 08 45.8	+0.1
RES	Resolute Bay 88.58 10	eP	P	00 08 46.9	-0.1
PPT	Papeete 88.88 108	eS	S	00 19 35.7	+0.3
PPT	comp=Z,279nm,1.0s				
PPT	Papeete 88.88 108	eLQ		00 33 14.2	
PPT	comp=Z,2µm,31.8s	eLR	LR	00 36 53.6	
PPT	comp=Z,944nm,31.5s	eLR	LR	00 43 25.6	
MBMO	comp=Z,651nm,18.9s,MS5.1,baz=14,slow=32				
MBMO	comp=Z,5.4nm,1.0s,mb4.8,baz=54,slow=8.1,SNR=13			00 49 07.8	
MBMO	comp=Z,553nm,18.7s,MS5.0,baz=77,slow=36			00 08 50.3	+1.6
MBMO	Kilima Mbogo 88.92 269	eP	P		
MBMO	comp=Z,27nm,1.5s	MLR	MLR		
MBMO	comp=Z,564nm,19.0s	LR	LR		
MBMO	Kilima Mbogo 88.92 269	eP	P	00 08 50.3	+1.6
MBMO	comp=Z,27nm,1.5s,mb5.3				
HFS	Hagfors 89.18 332	P	P	00 08 48.6	-1.3
DRGR	comp=Z,8.8nm,0.6s,mb3.9,baz=90,slow=3.7,SNR=26			00 08 50.2	+0.2
NIE	Niedzica 89.84 321	eP	P	00 08 53.5	+0.5
NB2	NORSAR Subarra 89.87 334	P	P	00 08 51.4	-1.7
NOA	comp=Z,2.0nm,0.8s,mb5.0,baz=62,slow=4.6				
NOA	NORSAR Array B 89.87 334	P	P	00 08 51.1	-2.0
NOA	comp=Z,5.2nm,0.7s,mb5.0,baz=62,slow=4.7,SNR=21			00 52 11.9	
OJC	Ojcow 89.87 322	eP	P	00 08 52.6	-0.5
VTS	Vitosha 90.19 314	iP	P	00 08 54.7	+0.1
BZS	Buzias 90.30 317	iP	P	00 08 54.5	-0.6
TBI	Tubuai 90.40 114	eLR	LR	00 37 36.4	
BSD	comp=Z,354nm,26.8s				
BSD	Bornholm Skovb 90.73 328	iP	P	00 08 56.0	-1.1
OKC	Ostrava-Krasne 91.00 322	eP	P	00 08 57.8	-0.6
VAY	Valandovo 91.04 313	eP	P	00 08 57.1	-1.4
VAY	Valandovo 91.04 313	eP	P	00 08 57.1	-1.4
YKWS	Yellowknife Ar 91.14 24	eP	P	00 08 58.3	-0.6
YKA	Yellowknife Ar 91.14 24	eP	P	00 08 59.1	+0.1
YKA	comp=Z,3.0nm,0.7s,mb4.7,baz=299,slow=4.6,SNR=40			00 12 35.2	-0.5
YKA	comp=Z,0.1nm,0.5s,baz=230,slow=43,SNR=3.3			00 13 51.1	-0.7
YKA	comp=Z,0.5nm,0.8s,baz=313,slow=1.8,SNR=5.9			00 26 19.9	-1.8
YKA	Yellowknife Ar 91.14 24	P	P	00 08 59.1	+0.1
YKA	Yellowknife Ar 91.14 24	P	P	00 12 35.2	-0.5
KONO	Kongsberg 91.24 333	PFAKE	LR	00 09 10.0	+1.1
MORC	Moravsky Berou 91.39 322	iP	P	00 09 00.1	-0.1
GRUS	Gruzu 91.49 316	eP	P	00 09 01.0	+0.4
SKO	Skopje 91.63 314	eP	P	00 09 01.6	+0.3
SKO	Skopje 91.63 314	eP	P	00 09 01.6	+0.3
KSP	Ksiaz 91.71 323	eP	P	00 09 01.6	-0.1
KSP	Ksiaz 91.71 323	eP	P	00 09 01.4	-0.3
RGN	Rugen 91.80 327	eP	P	00 09 00.9	-1.2
DPC	Dobruska-Polom 91.89 323	eP	P	00 09 02.4	-0.1
DPC	comp=Z,600nm,17.5s	AMS	AMS	01 01 30.0	
DIVS	Divicbare 91.90 316	iP	P	00 09 01.6	-0.9
KRUS	Krusevo 91.97 313	eP	P	00 09 02.0	-0.9
KRUS	Krusevo 91.97 313	eP	P	00 09 02.0	-0.9
UPC	Upice 92.01 323	eP	P	00 09 04.8	+1.8
VRAC	Vranov 92.14 322	iP	P	00 09 03.7	0.0
MAW	Mawson 92.42 200	eP	P	00 09 03.0	-1.9
MAW	comp=Z,14nm,1.3s,mb5.0				
MAW	Mawson 92.42 200	eP	P	00 09 02.7	-2.2
MAW	comp=Z,11nm,0.8s,mb5.2,baz=53,slow=6.3,SNR=15			00 47 48.3	
MAW	Mawson 92.42 200	eP	P	00 09 03.0	-1.9
RUE	Ruedersdorf 92.45 325	eP	P	00 09 05.0	-0.1
TREC	Trest 92.81 322	eP	P	00 09 06.5	-0.2
PVCC	Panska Ves 92.84 323	eP	P	00 09 06.8	-0.1
PVCC	comp=Z,700nm,17.8s	AMS	AMS	00 54 30.0	
VNDA	Vanda 92.99 173	P	P	00 09 06.5	-1.1
VNDA	comp=Z,7.6nm,1.0s,mb5.1,baz=329,slow=5.7,SNR=8.9			00 51 45.2	
BRG	Berggiesshubel 93.05 324	eP	P	00 09 07.4	-0.5
BRG	Berggiesshubel 93.05 324	eP	P	00 09 07.8	-0.1
BRG	Berggiesshubel 93.05 324	eP	P	00 09 07.8	-0.1
BRG	Berggiesshubel 93.05 324	eP	P	00 09 07.8	-0.1
PRU	Prunhonic 93.08 323	eP	P	00 09 07.7	-0.3
PRU	comp=Z,21nm,1.1s,mb5.5	AMS	AMS	00 59 20.0	
FBE	Freiberg 93.37 324	eP	P	00 09 08.6	-0.7
CLL	Colim 93.40 325	eP	P	00 09 08.5	-1.0
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4	MLR	MLR	00 09 26.5	
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6s,MS5.2				
CLL	Colim 93.40 325	iP	P	00 09 08.6	-0.9
CLL	comp=Z,22nm,1.4s,mb5.4				
CLL	comp=Z,800nm,20.6				

21d 1h

Table of seismic events for 21 days, 1 hour. Columns include station name, time, magnitude, location, and quality. Includes events like BOSA Boshof, RSSD Black Hills, WUAZ Wupatki, etc.

2006 DEC

Table of seismic events for December 2006. Columns include station name, time, magnitude, location, and quality. Includes events like DWPF Disney, TEIG Tepich, BB Station, etc.

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Table of seismic events for December 2006, continuing from the previous table. Columns include station name, time, magnitude, location, and quality. Includes events like ESDC Sonseca Array, CSEM 21 00:20:02.9, etc.

Table with columns: EQES, Quesada, 8.32 55 P, Pn, 05 46 40.2 +5.7, etc.

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

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

IDC 21 06:15:48.3.0.421S.14496E, h0km, mb3.6/4, mb1 3.9/5, Error ellipse: s-maj=90.2km s-min=24.7km az=103.0

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

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

MOS 21 06:37:16.0.0.7, 645N-12368E, h33km, mb4.8/4, Error ellipse: s-maj=58.3km s-min=14.1km az=117.2

ISCJB 21 06:37:17.3.0.9, 650N.005.12376E.005, h39km, 9km, mb4.4/18, MS3.1/3, Error ellipse: s-maj=9.5km s-min=7.5km az=112.9

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

Table with columns: PMG, Port Moresby, 28.13 124 eP, P, 06 43 07.7 0.0, etc.

THE 21 06:51:33.6, 4050N-2359E, h8km, ML2.7, Error ellipse: s-maj=2.1km s-min=1.6km az=65.0

ISCJB 21 06:51:33.1.0.4, 4050N.002.2359E.003, h5km, 5km, Error ellipse: s-maj=4.3km s-min=3.0km az=143.0

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

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

IDC 21 07:06:52.8.0.9, 4679N-15599E, h0km, mb3.8/12, mb1 4.0/2, mb1mx3.9/23, mbtmp3.9/13, ML3.7/1, MS3.1/2, MS1 3.1/3, ms1mx2.9/24, Error ellipse: s-maj=23.6km s-min=19.5km az=132.0

ISCJB 21 07:06:53.5.2.4, 471N.0.1.1558E.01, h15km, 16km, mb3.9/18, MS3.3/1, Error ellipse: s-maj=20.5km s-min=9.1km az=108.8

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

Table with columns: PET, Petropavlovsk, 6.04 17 Pn, Pn, 07 08 29.1 +3.6, etc.

STR 21 07:40:44.2.0.7, 4756N-762E, h5km, 1km, M1.7, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 21 07:40:45.0.0.2, 4760N-757E, h8km, Md2.1/1, Md2.6/6, Error ellipse: s-maj=3.0km s-min=2.0km az=108.0

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

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

CSEM 21 07:41:15.6.1.0, 3944N-2971W, h5km, ML3.0, Error ellipse: s-maj=10.2km s-min=5.4km az=52.0

PDA 21 07:41:15.6.1.0, 3944N-2971W, h5km, MD3.6, ML3.0, Error ellipse: s-maj=10.2km s-min=5.4km az=52.0

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

21d 8h

Table with columns: PCND, Station Name, Azimuth, Elevation, Frequency, Band, Mode, and other parameters. Includes stations like STGR Santa Cruz, PGRA Graciosa, PAMA Santo Amaro, etc.

ISJCJB 21 07:44:36.2,0.4,3929N,002.2362E,004,h10km,5km, Error ellipse: s-maj=4.7km s-min=3.4km az=163.0

ATH 21 07:44:36.9,3927N,2359E,h3km,MD3.2/10 CSEM 21 07:44:37.1,0.1,3927N,2358E,h5km,ML2.7, Error ellipse: s-maj=1.4km s-min=1.0km az=82.0

THE 21 07:44:37.3,3927N,2360E,h6km,ML2.7 ISC 21 07:44:36.5,0.4,3928N,002.2362E,004,h15km,4km,n23,r=1501/35, Aegean Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, Mode, and other parameters. Includes stations like AOS Alonnisos, NEO Neokhori, PAIG Paliouri, etc.

IDC 21 08:22:11.5,1.7,904S,11053E,h0km,mb3.9/7,mb1 4.1/7, mb1mx3.9/18,mbmp3.9/7, Error ellipse: s-maj=72.3km s-min=17.5km az=53.0

ISCJB 21 08:22:15.0,1.0,895.0,11106E,02,h35km,mb4.1/9, Error ellipse: s-maj=29.8km s-min=10.9km az=108.1

NEIC 21 08:22:17.0,0.2,7.892S,11061E,h35km,mb4.5/1, Error ellipse: s-maj=22.7km s-min=8.4km az=54.0

ISC 21 08:22:17.2,1.0,895.0,11106E,02,h35km,n13,r=069/13, mb4.1/9, Jawa

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, Mode, and other parameters. Includes stations like KKM Kota Kinabalu, WRA Warramunga Arr, ASAR Alice Springs, etc.

GCG 21 08:24:24.5,1409N,8985W,h0km,MD3.9 SSS 21 08:24:27.0,1400N,8977W,h8km,MD3.2

CASC 21 08:24:26.5,2.9,1404N,8985W,h6km,11km,MD3.8, 3C, Guatemala

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, Mode, and other parameters. Includes stations like RBL Robledal, SBL San Blas, MTO Montecristo, etc.

BUI 21 08:33:50.6,2819N,9521E,h15km,ML3.5 ISCJB 21 08:33:56.4,0.9,2871N,009.951E,0.1,h10km,mb3.6/3, Error ellipse: s-maj=15.1km s-min=10.5km az=79.3

IDC 21 08:33:57.5,1.9,2871N,9518E,h0km,mb2.0/4,mb1 3.7/4, mb1mx3.5/22,mbmp3.5/4, Error ellipse: s-maj=79.5km s-min=25.4km az=70.0

ISC 21 08:33:58.0,0.9,2871N,008.949E,0.1,h10km,n6,r=019/7, mb3.6/3, Eastern Xizang-India border region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, Mode, and other parameters. Includes stations like LSA Lhasa, SHL Shillong, MKAR Makanchi Array, etc.

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1.7nm,0.7s,mb3.5,baz=213,slo=10,SNR=6.0 WRA Warramunga Arr 61.54 137 P P 08 44 15.6 -0.2

0.5nm,0.7s,mb3.7,baz=327,slo=7.5,SNR=8.0 ASAR Alice Springs 64.18 140 P P 08 44 33.4 0.0

CASC 21 08:40:43.0,2.4,1272N,8774W,h80km,28km,MD3.6, ML3.4,6C-3D,Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, Mode, and other parameters. Includes stations like CNCH Conchagua, CRIN San Cristobal, BLLM Bellamira, etc.

LFRS LFRS El Faro 1.57 305j eP x 08 41 14.4

LFBS Las Brisas 1.62 309f eP x 08 41 15.9

LFU La Fuente 1.69 307 eP x 08 41 16.8

LFQ Boqueron 1.81 304 eP x 08 41 18.0

LFBS San Blas 2.15 301f eP x 08 41 22.7

LFU San Jose 2.15 302 eP x 08 41 22.3

JCR Jicaral 3.84 138 eP Pn 08 41 39.4 -0.4

CGAZ Cerro Gallo 2 4.19 130 eP Pn 08 41 47.1 +2.7

PRJ Puriscal 4.32 129 eP Pn 08 41 48.1 +1.8

LBJ Bijagua 4.54 128 eP Pn 08 41 47.4 -1.9

LCR2 La Lucha 2 4.71 129 eP Pn 08 41 53.6 +2.0

IDC 21 08:42:40.5,71.0,1449S,16846E,h0km,mb4.1/3, mb1 4.3/3,mb1mx3.8/15,mbtmp4.1/3, Error ellipse: s-maj=1207.0km s-min=111.2km az=65.0, Vanuatu

STKA Stephens Creek 30.03 230 Op P 08 46 51.0 +0.1

WRA Warramunga Arr 33.00 256 P P 08 49 17.9 +0.8

ASAR Alice Springs 33.83 249 P P 08 49 24.6 +0.1

IDC 21 08:50:15.4,72.0,1779S,17535E,h0km,mb4.0/3, mb1 4.1/3,mb1mx3.8/14,mbtmp4.0/3,MS3.4/1,Ms1 3.4/1, ms1mx2.7/26, Error ellipse: s-maj=1257.0km s-min=136.7km az=76.0

NEIC 21 08:51:06.5,2.3,1637S,17486E,h517km,37km,mb3.8/1, Error ellipse: s-maj=27.0km s-min=19.2km az=174.0

ISCJB 21 08:51:07.4,2.6,185S,02.1749E,02,h543km,43km, mb3.6/4, Error ellipse: s-maj=36.5km s-min=25.9km az=49.3

ISC 21 08:51:06.7,3.2,184S,03.1749E,02,h524km,52km,n7, r=0516/7,mb3.6/4, Fiji Islands region

RHO Raoul Island 12.66 150 Op P 08 53 52.1 0.0

HNR Honiara 0.21 299 eP P 08 54 36.9 0.0

STKA Stephens Creek 32.90 239 P P 08 56 57.5 +0.1

STKA Stephens Creek 32.90 239 P P 08 56 57.5 +0.1

WRA Warramunga Arr 38.31 261 P P 08 57 42.1 -0.2

WRA Warramunga Arr 38.31 261 P P 08 57 42.1 -0.2

ASAR Alice Springs 38.83 249 P P 08 49 24.6 +0.1

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PCND 79nm,0.3s PICO Pico 1.32 130 eP Pg 08 59 07.5 -4.5

PICO Pico 1.32 130 eP Pg 08 59 23.6 -9.0

SBRBC Serra Branca 1.35 103 eS Sg 08 59 21.4 +5.5

PTEI Pico do Teixo 1.37 128 eS Sg 08 59 25.0 -5.6

94nm,0.3s PAMA Santo Amaro 1.38 119 eP Sg 08 59 24.5 -6.4

PGRA Graciosa 1.39 103 eP Sg 08 59 23.7 -7.7

PBOI Pico dos Bois 1.40 131 eS Sg 08 59 26.1 -5.4

24nm,0.2s PMAN Manadas 1.46 119 eS Sg 08 59 26.5 -7.2

47nm,0.3s

BUI 21 08:58:58.9,4710N,15376E,h35km,mb4.6,mb4.3 NIED 21 08:59:00,4670N,15320E,h32km,Mw4.3 Best double couple: Mo:2.72000x1015 NP1:129.00000,890.00000, lambda:18.00000, NP2:220.00000,872.00000, lambda:180.00000

NEIC 21 08:59:01.8,0.5,4681N,15307E,h10km,mb4.5/3, Error ellipse: s-maj=13.7km s-min=7.8km az=141.0

SKHL 21 08:59:04.9,2.2,4650N,15340E,h68km,11km,mb5.1/4, ms3.8/1

ISCJB 21 08:59:04.7,0.8,4676N,005.15290E,007,h45km,7km, mb4.5/4,MS3.7/4, Error ellipse: s-maj=10.7km s-min=6.0km az=96.2

JMA 21 08:59:04.8,0.7,4672N,15315E,h30km,M4.9 MOS 21 08:59:06.5,1.3,4684N,15282E,h61km,mb4.5/23, Error ellipse: s-maj=9.9km s-min=7.7km az=100.3

IDC 21 08:59:10.7,3.3,4686N,15282E,h81km,29km,mb4.0/25, mb1 4.2/26,mb1mx4.1/30,mbtmp4.0/26,MS3.4/3, Ms1 3.4/3,ms1mx3.1/36, Error ellipse: s-maj=14.7km s-min=11.3km az=142.0

ISC 21 08:59:07.0,0.7,4683N,005.15289E,007,h49km,5km, n147,r=1939/167,mb4.5/45,MS3.7/4,7C-6D,Kuril Islands

KUR Kuril'sk 3.84 247 i P AMB Pn 09 00 05.7 +2.1

KUR Kuril'sk 3.84 247 i P AMB Pn 09 00 05.7 +2.1

KUR Kuril'sk 3.84 247 i P AMB Pn 09 00 05.7 +2.1

KUR Kuril'sk 3.84 247 i P AMB Pn 09 00 05.7 +2.1

KUR Kuril'sk 3.84 247 i P AMB Pn 09 00 05.7 +2.1

KUR Kuril'sk 3.84 247 i P AMB Pn 09 00 05.7 +2.1

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KUR Kuril'sk 3.84 247 i P AMB Pn 09 00 05.7 +2.1

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KUR Kuril'sk 3.84 247 i P AMB Pn 09 00 05.7 +2.1

KUR Kuril'sk 3.84 247 i P AMB Pn 09 00 05.7 +2.1

KUR Kuril'sk 3.84 247 i P AMB Pn 09 00 05.7 +2.1

21d 9h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DMN Daman, PKN Kakani, KKI Pulchoki, GUN Gumba, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TRBA At Turbah, ADEN Aden, etc.

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Main table with columns: ATD, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Arta Tunnel, Udayn, LBOs, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OBVN Obninsk, BRG Berggiesshubel, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KECS Kecoovo, CRVS Cervenica-Dubn, etc.

DHMR 21 09:11:43.3±1.8, 1194N±4371E, h12km±13km, ML5.1
IDC 21 09:11:47.2±0.8, 1191N±4374E, h0km, mb4.4/1.5,
mb1 4.5/1.5, mb1mx4.4/2.0, mbtmp4.4/1.5, MS4.1/9,
Ms1 4.1/9, ms1mx3.9/2.8, Error ellipse: s-maj=20.7km
s-min=9.5km az=150.0

CSEM 21 09:11:47.4±0.1, 1206N±4419E, h2km, mb5.0/7, Error
ellipse: s-maj=3.7km s-min=3.0km az=73.0
MOS 21 09:11:48.0±2.1, 1177N±4393E, h10km, mb4.8/15, Error
ellipse: s-maj=15.3km s-min=6.6km az=95.4

ISC/B 21 09:11:48.8±0.3, 1203N±003±4399E, h10km,
mb4.6/47, MS4.1/12, Error ellipse: s-maj=5.9km
s-min=1.5km az=43.6
NEIC 21 09:11:50.3±0.1, 1197N±4423E, h10km, mb4.5/7, Error
ellipse: s-maj=18.1km s-min=11.4km az=86.0

BJI 21 09:11:50.3, 1200N±4420E, h10km, mb4.7, mb4.7, Ms4.6,
Ms2.3
SZGRF 21 09:11:53.8, 1170N±4352E, h33km, mb4.7, Ethiopia
ISC 21 09:11:51.0±0.3, 1205N±003±4400E, h0km,
(h17km±1.5km; p-P), n126±1946/130, mb4.6/47, MS4.1/12,
11C-8D, Western Arabian Peninsula

ISC 21 09:20:22.5±1.0, 4854N±007±2078E, h10km±7km, n6,
±064/10, Czech and Slovak Republics

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KECS Kecoovo, CRVS Cervenica-Dubn, etc.

SDV Santo Domingo 152.54 37 ePKPdf PKPdf 09 57 09.1+1.2
SDV 09 57 15.7+0.8
LPAZ La Paz 166.18 104 PKP PKP 09 57 26.3+2.8

CHEM 21 09:40:02.6, 1197N-4382E, h4km, ML4.1, After DHMR
DHMR 21 09:40:02.6, 1.1, 1197N-4382E, h4km, 7km, ML4.1, 6D,

Code Station Name Delta AZZ Phase ID Time Res
TRBA At Turbah 1.28 13 Op ISC 09 40 26.8 -0.4
ADEN Aden 1.39 55 Op ISC 09 40 44.7 +0.9

CSEM 21 09:52:25.3, 1202N-4382E, h3km, ML3.6, After DHMR
DHMR 21 09:52:25.3, 1.2, 1202N-4382E, h4km, 5km, ML3.6, 1D,

Code Station Name Delta AZZ Phase ID Time Res
TRBA At Turbah 1.24 14 Op ISC 09 52 48.9 -0.2
ADEN Aden 1.37 56 Op ISC 09 52 50.2 -0.9

CASC 21 09:55:54.2, 2.6, 1113N-8682W, h35km, 38km, MD3.8,
ML2.9, 1C-1D, Near coast of Nicaragua

Code Station Name Delta AZZ Phase ID Time Res
SSAN San Juan del S 0.96 81 Op ISC 09 56 11.8 +0.6
TICN Tiquantepe 1.06 33 Op ISC 09 56 13.3 +0.8

CASC 21 10:08:59.4, 2.0, 1010N-8445W, h65km, 4km, MD3.8,
ML3.2, 1C-6D, Costa Rica

Code Station Name Delta AZZ Phase ID Time Res
CGA2 Cerro Gallo 2 0.08 188 Op ISC 10 09 09.2 +0.2
CGA2 0.18 232 Op ISC 10 09 07.0 +1.0

CASC 21 10:19:18.2, 3.0, 1398N-8974W, h3km, 10km, MD3.6,
ML4.0, 2C-2D, El Salvador

Code Station Name Delta AZZ Phase ID Time Res
SNUE San Jose 0.17 132 Op ISC 10 19 28.7
SNUE 0.55 41 Op ISC 10 19 35.4

CSEM 21 10:32:33.6, 1197N-4380E, h3km, ML4.4, After DHMR
DHMR 21 10:32:33.6, 1.5, 1197N-4380E, h4km, 10km, ML4.4, 3C-3D,

Code Station Name Delta AZZ Phase ID Time Res
TRBA At Turbah 1.29 14 Op ISC 10 32 58.9 +0.3
ADEN Aden 1.41 55 Op ISC 10 32 59.3 -0.7

IDC 21 11:01:10.1, 4.0, 772N-9210E, h0km, mb3.6/3, mb1 3.6/3,
mb1mx3.4/2.1, mbtmp3.6/3, Error ellipse:
s-maj=150.8km s-min=30.9km az=65.0, Nicobar Islands

Code Station Name Delta AZZ Phase ID Time Res
MDRS Chennai 12.81 295 Op ISC 11 03 20.7
MDRS 39.83 349 Op ISC 11 08 45.1 0.0

CSEM 21 11:03:50.1, 1202N-4378E, h10km, ML3.7, After DHMR
DHMR 21 11:03:50.1, 1.6, 1202N-4378E, h11km, 11km, ML3.7,
2C-1D, Western Arabian Peninsula

Code Station Name Delta AZZ Phase ID Time Res
TRBA At Turbah 1.25 15 Op ISC 11 04 13.9 +0.4
ADEN Aden 1.40 57 Op ISC 11 04 16.0 +0.4

CASC 21 11:08:26.9, 3.6, 1339N-9019W, h42km, 65km, MD3.5,
2C-5D, Near coast of Guatemala

Code Station Name Delta AZZ Phase ID Time Res
SBLS San Blas 0.70 51 Op ISC 11 08 45.5
RTR El Retiro 0.72 46 Op ISC 11 08 57.8

CSEM 21 11:15:19.7, 1205N-4380E, h3km, ML3.7, After DHMR
DHMR 21 11:15:19.7, 1.1, 1205N-4380E, h4km, 5km, ML3.7, 2C-1D,

Code Station Name Delta AZZ Phase ID Time Res
TRBA At Turbah 1.22 15 Op ISC 11 15 43.0 -0.1
ADEN Aden 1.37 58 Op ISC 11 15 45.5 -0.1

ADEN comp=E,882nm,0.5s 1.92 5 Op ISC 11 16 04.7 +1.1
UDYN Al Udayn 1.92 5 Op ISC 11 15 54.0 +0.9

CSEM 21 11:22:36.2, 1.4, 1193N-4375E, h10km, ML4.5, After DHMR
DHMR 21 11:22:36.2, 1.4, 1193N-4375E, h10km, 10km, ML4.5, 2D,

Code Station Name Delta AZZ Phase ID Time Res
TRBA At Turbah 1.34 16 Op ISC 11 23 05.1 +0.5
ADEN Aden 1.47 55 Op ISC 11 23 03.4 +0.7

STR 21 11:31:20.8, 0.1, 4303N-001W, h5km, 1km, ML2.2, Error
ellipse: s-maj=0.0km s-min=0.0km az=1.0
LDG 21 11:31:20.5, 0.1, 4303N-002W, h12km, Md2, 1/2, ML2, 0/5,

MDD 21 11:31:21.3, 0.3, 4302N-002W, h8km, 3km, mLg1.7/1.0,
1C, Error ellipse: s-maj=2.6km s-min=1.7km az=14.0,

PRXIMO, Pyrenees

Code Station Name Delta AZZ Phase ID Time Res
LAFB Labassere 0.07 65 Op ISC 11 31 23.4 +0.1
LAFB 0.14 167 Op ISC 11 31 25.2 +0.4

EALK 2.4nm, 0.2s, SNR=7.9 1.11 281 Pg Pg 11 31 44.8 +2.2

Code Station Name Delta AZZ Phase ID Time Res
ELIZ 2.4nm, 0.2s, SNR=7.9 1.12 278 Pg Pg 11 31 44.6 +1.9
ELIZ 0.3nm, 0.2s, SNR=7.7 1.12 267 Pg Pg 11 31 45.3 +2.4

CSEM 21 11:43:26.1, 1.1, 3938N-2975W, h0km, ML2.8, Error
ellipse: s-maj=17.3km s-min=7.8km az=50.0, After PDA

PDA 21 11:43:26.1, 1.1, 3938N-2975W, h0km, MD3.5, ML2.8,
Error ellipse: s-maj=17.3km s-min=7.8km az=50.0

SVSA 21 11:43:26.1, 1.1, 3938N-2975W, h0km, MD3.5, ML2.8,
Error ellipse: s-maj=17.3km s-min=7.8km az=50.0,
Azores Islands

21d 15h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like UTMTO Huajuapán, UTMTO Oaxaca.

ISCJB 21 13:49:15.7±0.8, 362N±0.1, 1374E±0.2, h261km, 5km, mb3.1/2, Error ellipse: s-maj=27.3km s-min=9.3km az=72.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JGN Niukaw, JNG Nsakai, JGM Miyama.

DHMR 21 14:08:23.6±1.2, 1188N, 4373E, h2km, 48km, ML3.6, 1D, Ethiopia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ADEN Aden, ADEN Aden, ADEN Aden.

BUJ 21 14:09:21.3, 1047N, 14279E, h25km, mb4.9, mb4.2
ISCJB 21 14:09:25.2±4.9, 1166N±0.07, 14266E±0.08, h10km, 31km, mb4.5/21, MS3.8/9, Error ellipse: s-maj=14.0km s-min=10.2km az=63.8

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GUMO Guam, GUMO Guam, GUMO Guam.

ISCJB 21 14:09:25.4±0.6, 1170N, 14266E, h0km, mb4.2/14, mb1.4/4.15, mb1mx3.4/22, mbtmp4.2/15, ML4.7/1, MS3.8/11, Ms1.3.8/11, ms1mx3.5/25, Error ellipse: s-maj=23.7km s-min=13.7km az=86.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GUMO Guam, GUMO Guam, GUMO Guam.

MOS 21 14:09:28.1±0.8, 1160N, 14261E, h33km, mb5.0/8, Error ellipse: s-maj=28.0km s-min=11.2km az=100.2

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GUMO Guam, GUMO Guam, GUMO Guam.

NEIC 21 14:09:30.4±0.4, 1166N, 14275E, h35km, mb4.7/7, Error ellipse: s-maj=14.2km s-min=9.1km az=89.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GUMO Guam, GUMO Guam, GUMO Guam.

ISC 21 14:09:27.3±5.8, 1160N±0.1426E±0.09, h12km, 36km, n49, c097/45, mb4.5/21, MS3.8/9, South of Mariana Islands

2006 DEC

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ZAL Zalesovo, KURK Kurchatov, KURK Kurchatov.

ISCJB 21 15:06:00.1±2.4, 2784N, 5659E, h0km, mb3.7/7, mb1.3.8/7, mb1mx3.6/23, mbtmp3.7/7, MS3.5/2, Ms1.3.5/2, ms1mx2.7/31, Error ellipse: s-maj=53.9km s-min=25.3km az=150.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ARU Arti, ARU Arti, YKA Yellowknife Ar.

ISC 21 15:06:05.0±1.2, 2804N, 5669E, h40km, ML3.5, Error ellipse: s-maj=3km s-min=2.6km az=124.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ARU Arti, ARU Arti, YKA Yellowknife Ar.

ISC 21 14:49:08.3±3.5, 577S, 14985E, h0km, mb3.6/3, mb1.3.9/4, mb1mx3.6/14, mbtmp3.8/4, ML3.4/1, MS2.7/1, Ms1.2.7/1, ms1mx2.2/17, Error ellipse: s-maj=107.7km s-min=41.9km az=115.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PMG Port Moresby, PMG Port Moresby, PMG Port Moresby.

MEX 21 14:56:10.6±0.6, 1644N, 9606W, h6km, 248km, MD4.3, Oaxaca

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TUIG Tuzandepetl, TUIG Tuzandepetl, TUIG Tuzandepetl.

CASC 21 14:56:11.1±2.3, 1396N, 8973W, h2km, 5km, MD4.0, ML3.8, 9C-6D, El Salvador

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like RTR El Retiro, RTR El Retiro, RTR El Retiro.

NEIC 21 14:58:12.1, 2810S, 7029W, h73km, MG3.5(GUC), After GUC

GUC 21 14:58:12.1±0.7, 2810S, 7029W, h73km, 6km, ML3.5, Central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like VACH Vallendar, VACH Vallendar, VACH Vallendar.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BND5 Bandar-Abbas, BND5 Bandar-Abbas, BND5 Bandar-Abbas.

ISCJB 21 15:06:02.9±0.5, 2812N, 003.5673E±0.09, h10km, mb3.6/7, MS3.4/2, Error ellipse: s-maj=12.2km s-min=4.2km az=27.3

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BND5 Bandar-Abbas, BND5 Bandar-Abbas, BND5 Bandar-Abbas.

ISC 21 15:06:05.4±0.9, 2812N, 004.5669E±0.1, h20km, 6km, n28, c1508/33, mb3.6/7, MS3.4/2, 1C-5D, Southern Iran

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BND5 Bandar-Abbas, BND5 Bandar-Abbas, BND5 Bandar-Abbas.

ISC 21 15:34:23.4±2.0, 2945S, 17804W, h0km, mb3.7/3, mb1.3.9/4, mb1mx3.7/14, mbtmp3.8/4, ML3.7/1, Error ellipse: s-maj=45.0km s-min=38.7km az=75.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BRTR Keskin Array B, BRTR Keskin Array B, BRTR Keskin Array B.

ISCJB 21 15:34:31.7±3.3, 2983S, 17874W, h0.5, h35km, mb3.6/3, Error ellipse: s-maj=58.9km s-min=9.7km az=10.9

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BRTR Keskin Array B, BRTR Keskin Array B, BRTR Keskin Array B.

ISC 21 15:34:33.7±3.2, 2982S, 008.1787W±0.5, h35km, n13, c1330/12, mb3.6/3, Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MWZ Matawai, MWZ Matawai, MWZ Matawai.

NIED 21 15:50:00, 3370N, 14060E, h44km, Mw3.5 Best double couple: M2, 12000x1014 N P1, 24.00000, 889.00000, lambda=150.00000, NP2, 294.00000, 866.00000, N=1.00000

ISCJB 21 15:50:25.9±0.7, 3366N, 004.14066E±0.07, h65km, 8km, mb3.7/3, Error ellipse: s-maj=10.1km s-min=6.1km az=166.6

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BSO1 Boso 1, BSO1 Boso 1, BSO1 Boso 1.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VRI, BRTR, BURAR, KECS, KOIS, etc.

CSEM 21 17:14:39.5:1.3, 3864N:2851W, h0km, 5km, ML1.7, Error ellipse: s-maj=2.4km s-min=2.3km az=163.0, After PDA

SVSA 21 17:14:39.5:1.3, 3864N:2851W, h0km, 5km, MD2.8, ML1.7, Error ellipse: s-maj=2.4km s-min=2.3km az=163.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOR, PCED, PICO, CALA, etc.

ISCJB 21 17:14:39.5:3.4, 12S:01x1462E:02, h33km, 31km, mb4.2/13, MS4.0/4, Error ellipse: s-maj=26.5km s-min=17.3km az=0.4

BUI 21 17:14:39.4, 084S:146.16E, h14km, mb5.2, mb4.5, Error ellipse: s-maj=17.4km s-min=14.8km az=61.0

IDC 21 17:14:43.1:4.5, 120S:146.13E, h4km, 44km, mb3.8/9, Mb1.4/0.10, mb1mx3.9/14, mbtp3.8/10, ML2.7/1, MS3.7/6, ms1.3/76, ms1mx3.2/26, Error ellipse: s-maj=36.4km s-min=20.3km az=89.0

ISC 21 17:14:42.7:2.7, 13S:01x1463E:02, h46km, 27km, n26, e073/19, mb4.2/13, MS4.0/4, Admiralty Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMG, FITZ, CBJ, STKA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YKA, TORO, TORO, TORO, etc.

ISCJB 21 17:19:22.0:0.5, 3934N:002-2359E:003, h4km, 4km, Error ellipse: s-maj=4.0km s-min=3.1km az=175.4

CSEM 21 17:19:22.0:1.1, 3934N:2358E, h10km, ML3.4, Error ellipse: s-maj=1.6km s-min=1.3km az=90.0

NEIC 21 17:19:22.0, 3934N:2361E, h22km, ML3.3(ATH), After ATH

ATH 21 17:19:22.0, 3934N:2361E, h22km, 1km, MD3.6/22, ML3.5

THE 21 17:19:23.5, 3934N:2352E, h9km, ML3.4

SKO 21 17:19:27.1, 3933N:2365E, h12km

ISC 21 17:19:22.0:0.5, 3934N:002-2359E:003, h7km, 3km, n66, e088/82, 14C-2D, Aegean Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AOS, NEO, XOR, LKR, AGG, etc.

IDC 21 17:20:32.3:1.1, 897S:11060E, h0km, mb4.1/8, mb1.4/2.9, mb1mx4.0/18, mbtp4.1/9, ML3.5/1, MS3.2/1, Ms1.3/2.1, ms1mx2.4/30, Error ellipse: s-maj=53.2km s-min=16.1km az=50.0

ISCJB 21 17:20:36.6:6.9, 89S:02x1108E:02, h42km, 64km, mb4.1/10, Error ellipse: s-maj=38.1km s-min=21.2km az=102.0

NEIC 21 17:20:37.8:5.1, 890S:11074E, h38km, 49km, mb4.5/2, Error ellipse: s-maj=29.6km s-min=16.0km az=50.0

ISC 21 17:20:38.5:5.8, 89S:02x1108E:02, h41km, 56km, n16, e082/15, mb4.1/10, Jawa

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

IDC 21 17:23:39.3:1.0, 1765N:148.14E, h0km, mb3.8/9, mb1.4/0.10, mb1mx3.9/21, mbtp3.8/10, ML4.1/1, MS3.0/2, Ms1.3/0.2, ms1mx2.5/33, Error ellipse: s-maj=30.5km s-min=21.8km az=103.0

NEIC 21 17:23:40.9:0.7, 1762N:148.10E, h10km, mb4.4/1, Error ellipse: s-maj=20.9km s-min=11.5km az=108.0

ISCJB 21 17:23:42.8:0.8, 1758N:009-1479E:02, h35km, mb3.8/9, MS2.9/2, Error ellipse: s-maj=23.2km s-min=9.7km az=45.7

ISC 21 17:23:44.5:0.8, 1757N:009-1480E:02, h35km, n16, e091/18, mb3.8/9, MS2.9/2, Mariana Islands region

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

IDC 21 17:28:24.5:70.0, 1578S:17528W, h0km, mb3.9/3, Error ellipse: s-maj=1317.0km s-min=189.0km az=78.0, Tonga Islands

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

ISCJB 21 17:32:53.4:2.1, 607N:01x1662E:01, h5km, 12km, mb4.1/22, MS4.2/6, Error ellipse: s-maj=18.8km s-min=8.0km az=156.0

IDC 21 17:32:53.0:0.8, 606N:166.12E, h0km, mb3.8/12, mb1.4/0.12, mb1mx3.9/25, mbtp3.8/12, Error ellipse: s-maj=26.8km s-min=16.3km az=170.0

BUI 21 17:32:53.4, 606N:166.20E, h10km, mb4.9, mb4.6, Ms4.6, MS4.2

MOS 21 17:32:54.0:1.5, 606S:166.24E, h13km, mb4.6/6, Error ellipse: s-maj=20.6km s-min=15.1km az=95.0

NEIC 21 17:32:55.4:0.5, 606N:166.22E, h10km, mb4.6/5, MS4.7/1, Error ellipse: s-maj=14.8km s-min=7.9km az=161.0

ISC 21 17:32:56.3:2.4, 606N:01x1663E:01, h15km, 14km, n15, e124/48, mb4.2/22, MS4.2/6, 1C, Eastern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BILL, BILL, MA2, MA2, etc.

ISCJB 21 17:32:56.3:2.4, 606N:01x1663E:01, h15km, 14km, n15, e124/48, mb4.2/22, MS4.2/6, 1C, Eastern Siberia

ISC 21 17:32:56.3:2.4, 606N:01x1663E:01, h15km, 14km, n15, e124/48, mb4.2/22, MS4.2/6, 1C, Eastern Siberia

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

STIP	Stip	2.54 336	i Pn	Pn	18 31 35.8 +0.5	ELL	Elmali	5.66 116	e Pn	Pn	18 32 19.0 +0.8	ARSA	Arzberg	9.80 326	u Sn	Sn	18 35 02.8 -2.4
URLA	Izmir	2.59 112	i S	Sg	18 31 36.7 +0.8	ISP	Isparta	5.66 103	e Pn	Pn	18 32 19.3 +1.1	ARSA	Arzberg	9.80 326	u Pn	Pn	18 33 15.6 +0.6
URLA	Izmir	2.59 112	i S	Sg	18 32 19.6 +2.8	ISP	Isparta	5.66 103	e Pn	Pn	18 32 21.3 +3.1	ARSA	Arzberg	9.80 326	u Pn	Pn	18 35 02.8 -2.4
KRUS	Krusevo	2.65 319	e Pn	Pn	18 31 37.8 +0.9	AKAS	Kas	5.73 121	i P	Sg	18 32 21.3 +2.1	ARSA	Arzberg	9.80 326	u Pn	Pn	18 35 02.8 -2.4
KRUS	Krusevo	2.65 319	e Pn	Pn	18 31 37.8 +0.9	AKAS	Kas	5.73 121	i P	Sg	18 34 00.2 +2.5	ARSA	Arzberg	9.80 326	u Pn	Pn	18 35 15.6 +0.6
KRUS	Krusevo	2.65 319	e Pn	Pn	18 31 37.8 +0.9	AKAS	Kas	5.73 121	i P	Sg	18 32 20.2 +0.2	ARSA	Arzberg	9.80 326	u Pn	Pn	18 35 02.8 -2.4
LPK	Lapseki	2.67 67	Pn	Pn	18 31 36.2 -0.8	HEHT	Hendek	5.82 73	i S	Sg	18 34 00.5 0.0	ZST	Stratitsava	9.97 334	e Pn	Pn	18 33 19.1 +1.8
KDZ	Kurdzhali	2.68 32	P	Pn	18 31 35.7 -1.5	CDT	Castel del Mon	5.82 289	e Pn	Pn	18 32 20.7 +0.3	SUDU	Sudak	10.13 53	e Pn	Pn	18 33 17.8 -1.7
VLI	Veliai	2.70 190	u Pn	Pn	18 31 36.1 -1.4	BEI	Belgrade	5.91 338	u Pn	Pn	18 32 20.2 -1.4	SUDU	Sudak	10.13 53	e Pn	Pn	18 33 17.8 -1.7
OHR	Ohrid	2.73 310	e Pn	Pn	18 31 38.0 +0.2	SOI	Samobor	6.00 260	P	Pn	18 32 23.5 +0.6	SUDU	Sudak	10.13 53	e Pn	Pn	18 33 17.8 -1.7
OHR	Ohrid	2.73 310	e Pn	Pn	18 31 40.5 +2.7	SOI	Samobor	6.00 260	P	Pn	18 32 23.5 +0.6	SUDU	Sudak	10.13 53	e Pn	Pn	18 33 17.8 -1.7
OHR	Ohrid	2.73 310	e Pn	Pn	18 31 38.0 +0.2	SOI	Samobor	6.00 260	P	Pn	18 32 23.5 +0.6	SUDU	Sudak	10.13 53	e Pn	Pn	18 33 17.8 -1.7
OHR	Ohrid	2.73 310	e Pn	Pn	18 31 41.6	SOI	Samobor	6.00 260	P	Pn	18 32 23.5 +0.6	SUDU	Sudak	10.13 53	e Pn	Pn	18 33 17.8 -1.7
APE	Apeiranthos	2.78 145	e Pn	Pn	18 31 37.7 -1.0	GZR	Gura Zlata	6.04 355	u Pn	Pn	18 32 22.9 -0.5	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
APE	Apeiranthos	2.78 145	e Pn	Pn	18 31 37.7 -1.0	GZR	Gura Zlata	6.04 355	u Pn	Pn	18 32 22.9 -0.5	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
APE	Apeiranthos	2.78 145	e Pn	Pn	18 31 37.7 -1.0	GZR	Gura Zlata	6.04 355	u Pn	Pn	18 32 22.9 -0.5	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
SRN	Sarande	2.79 282	i Sn	Sn	18 31 41.0 +2.3	ANTB	Antalya	6.12 112	e Pn	Pn	18 32 24.9 +0.4	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
SRN	Sarande	2.79 282	i Sn	Sn	18 32 11.0 -1.5	VOIR	Voiron	6.16 110	u Pn	Pn	18 32 25.9 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
SRN	Sarande	2.79 282	i Sn	Sn	18 32 11.0 -1.5	FGMS	Monte Sant'Ang	6.24 294	Pn	Pn	18 32 25.8 -0.3	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
PLD	Plovdiv	2.86 17	e Pn	Pn	18 31 40.4 +0.6	TIRR	Tirgusor	6.24 34	P	Pn	18 32 26.1 -0.1	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
PLD	Plovdiv	2.86 17	e Pn	Pn	18 31 40.3 +0.5	TIRR	Tirgusor	6.24 34	e Pn	Pn	18 32 25.8 -0.3	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
BLCB	Balocva	2.90 109	e Pn	Pn	18 31 38.6 -1.7	TIRR	Tirgusor	6.24 34	e Pn	Pn	18 32 25.8 -0.3	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
BLCB	Balocva	2.90 109	e Pn	Pn	18 31 39.5 -0.7	TIRR	Tirgusor	6.24 34	e Pn	Pn	18 32 25.8 -0.3	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
KEK	Kerkira	2.92 278	u Pn	Pn	18 31 41.4 +0.9	TIRR	Tirgusor	6.24 34	e Pn	Pn	18 32 25.8 -0.3	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
SKO	Skopje	3.05 329	e Pn	Pn	18 31 43.0 +0.8	TIRR	Tirgusor	6.24 34	e Pn	Pn	18 32 25.8 -0.3	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
SKO	Skopje	3.05 329	e Pn	Pn	18 31 43.0 +0.8	TIRR	Tirgusor	6.24 34	e Pn	Pn	18 32 25.8 -0.3	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
SKO	Skopje	3.05 329	e Pn	Pn	18 31 43.0 +0.8	TIRR	Tirgusor	6.24 34	e Pn	Pn	18 32 25.8 -0.3	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
IZM	Izmir	3.06 107	Pn	Pn	18 31 42.2 -0.2	MS1	Monte Sant'Ang	6.24 294	e Pn	Pn	18 32 25.9 -0.3	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
KDAG	Kornovo	3.06 107	Pn	Pn	18 31 42.2 -0.2	MRLC	Muro Lucano	6.33 285	Pn	Pn	18 32 28.5 +1.1	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
KDAG	Kornovo	3.06 107	Pn	Pn	18 31 42.2 -0.2	MRLC	Muro Lucano	6.33 285	Pn	Pn	18 32 28.5 +1.1	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
KDAG	Kornovo	3.06 107	Pn	Pn	18 31 42.2 -0.2	MRLC	Muro Lucano	6.33 285	Pn	Pn	18 32 28.5 +1.1	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
DIM	Dimitrovgrad	3.07 29	P	Pn	18 31 42.2 -0.4	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
SMG	Samos	3.07 122	u Pn	Pn	18 31 42.1 -0.5	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
SART	Tekirdag	3.08 64	i P	Pn	18 31 40.9 -1.9	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
SART	Tekirdag	3.08 64	i P	Pn	18 32 40.0 +7.3	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
SART	Tekirdag	3.08 64	i P	Pn	18 31 39.5 -0.7	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
VTS	Panagyurishte	3.21 8	i S	Sg	18 31 45.5 +0.8	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
VTS	Vitosha	3.22 356	u Pn	Pn	18 31 46.0 +1.3	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
VTS	Vitosha	3.22 356	u Pn	Pn	18 31 46.0 +1.3	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
THR4	Thira Island	3.26 153	e Pn	Pn	18 31 45.0 -0.2	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
THR5	Thira Island	3.28 154	e Pn	Pn	18 31 44.7 -0.8	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
THR3	Thira Island	3.31 153	e Pn	Pn	18 31 45.4 -0.4	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
THR6	Thira Island	3.36 154	e Pn	Pn	18 31 46.0 +1.3	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
AKS	Akhisar	3.35 97	Pn	Pn	18 31 46.9 +0.4	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
SANT	Santorini	3.35 153	e Pn	Pn	18 31 46.0 -0.6	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
THR1	Thira Island	3.36 153	e Pn	Pn	18 31 46.0 -0.6	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
THR1	Thira Island	3.36 153	e Pn	Pn	18 31 46.0 -0.6	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
THR1	Thira Island	3.36 153	e Pn	Pn	18 31 46.0 -0.6	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
EDC	Edinac	3.46 72	Pn	Pn	18 31 52.0 +1.1	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
EDB	Edinac	3.46 72	Pn	Pn	18 31 52.0 +1.1	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
EDB	Edinac	3.46 72	Pn	Pn	18 31 52.0 +1.1	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
BTOK	Tokmak	3.49 82	i S	Sg	18 31 48.4 +0.1	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
BTOK	Tokmak	3.49 82	i S	Sg	18 32 44.3 -1.3	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
BNT	Bandirma	3.50 72	Pn	Pn	18 31 48.6 0.0	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
BAR5	Barje	3.68 340	u Pn	Pn	18 31 52.0 +1.1	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
KAR5	Karabucak	3.73 340	u Pn	Pn	18 31 51.6 -0.9	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
KCT	Karabucak	3.73 340	u Pn	Pn	18 31 51.6 -0.9	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
BDRM	Kayabasi	3.84 126	i P	Pn	18 31 53.3 +0.1	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
BDRM	Kayabasi	3.84 126	i P	Pn	18 32 40.1 +1.5	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
BDRM	Kayabasi	3.84 126	i P	Pn	18 31 55.6 +2.3	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
PUK	Puka	3.85 315	i Pn	Pn	18 33 01.0 +4.3	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
PUK	Puka	3.85 315	i Pn	Pn	18 31 55.6 +2.3	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
YMB	Yumbul	3.95 36	e Pn	Pn	18 31 57.1 -0.1	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
DURS	Durnunbey	3.94 85	Pn	Pn	18 31 56.7 -1.7	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
VAM	Vamos	4.00 172	e Pn	Pn	18 31 55.6 +0.3	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
PVL	Pavlikeni	4.07 19	P	Pn	18 31 54.6 -1.7	MLR	Muntele Rosu	6.36 15	Pn	Pn	18 32 28.8 +0.9	SMOL	Smolenice	10.14 336	e Pn	Pn	18 33 21.7 +2.0
CTL	Catalca	4.13 63	i P	Pn	18 31 57.1 -0.1	MLR</											

FINES	FINES Array B	22.15	3	P	18 35 48.6	-1.3
FINES	comp=E,27nm,0.9s,mb4.7,baz=160,slow=12,SNR=44					
FINES	LR				18 45 18.8	
FINES	comp=E,2um,18.9s,MS4.6,baz=180,slow=39				18 35 48.7	-1.3
FINES	FINES Array B	22.15	3	P		
FINES	comp=Z,27nm,0.9s					
FINES	MLR					
FINES	comp=Z,2um,18.9s					
FI1	FINES Array S	22.15	3	P	18 35 48.1	-1.9
FI1	FINES Array S	22.15	3	P	18 35 48.1	-1.9
EMIJ	Mijas	22.46	272	P	18 35 53.7	+0.3
KAF	Kangasniemi	22.83	3	P	18 35 55.9	-1.3
KAF	comp=Z,25nm,0.9s,mb4.6					
KAF	Kangasniemi	22.83	3	P	18 35 55.9	-1.3
KAF	comp=Z,25nm,0.9s,mb4.6					
NAO01	NORSAR Array S	22.89	344	eP	18 35 57.3	-0.6
NAO01	comp=Z,51nm,0.8s,mb5.0					
NAO01	NORSAR Array S	22.89	344	eP	18 35 57.3	-0.6
NAO01	comp=Z,51nm,0.8s,mb5.0					
NB2	NORSAR Subarra	23.00	345	P	18 35 58.3	-0.7
NOA	NORSAR Array B	23.00	345	P	18 35 58.5	-0.6
NOA	comp=Z,37nm,0.9s,mb4.8,baz=153,slow=11,SNR=41					
NOA	LR				18 45 43.1	
NOA	comp=Z,1um,18.3s,MS4.4,baz=175,slow=39				18 35 58.5	-0.5
NOA	NORSAR Array B	23.00	345	P		
NOA	comp=Z,37nm,0.9s					
NOA	MLR					
NOA	comp=Z,1um,18.3s					
NOA	NORSAR Array B	23.00	345	P	18 35 58.5	-0.6
NOA	LR				18 45 43.1	
ECAL	Catalor	23.06	286	P	18 35 59.6	-0.1
ECAL	comp=Z,15nm,1.0s,mb4.4					
ECAL	Catalor	23.06	286	P	18 35 59.6	-0.1
ECAL	comp=Z,15nm,1.0s,mb4.4					
PBRG	Braganca	23.07	286	eP	18 36 00.6	+0.8
EPON	Pontenova	23.31	290	P	18 36 01.0	-1.3
EPON	comp=Z,3.1nm,0.6s,mb3.9					
EPON	Pontenova	23.31	290	P	18 36 01.0	-1.3
EPON	comp=Z,3.1nm,0.6s,mb3.9					
MDT	Midelt	23.62	263	P	18 36 06.3	+0.8
EMIN	Mina Concepcio	23.63	276	P	18 36 04.0	-1.6
EMIN	comp=Z,6.8nm,0.5s,mb4.3					
EMIN	Mina Concepcio	23.63	276	P	18 36 04.0	-1.6
EMIN	comp=Z,6.8nm,0.5s,mb4.3					
EBAD	Badajoz	23.69	278	P	18 36 03.8	-2.3
EBAD	comp=Z,3.1nm,1.1s					
EBAD	Badajoz	23.69	278	P	18 36 03.8	-2.3
EBAD	comp=Z,3.1nm,1.1s					
KLMR	Klimovskoe	23.69	20	eS	18 36 05.0	-1.1
KLMR	comp=Z,199nm,1.4s,mb5.3				18 40 20.4	-0.6
KLMR	MLR					
KLMR	comp=Z,1um,13.0s,MS4.6					
KLMR	Klimovskoe	23.69	20	eP	18 36 05.0	-1.1
KLMR	comp=Z,1um,13.0s					
MTE	Manteigas	23.82	282	eS	18 40 28.7	+5.5
MTE	comp=Z,769nm,18.0s				18 45 15.5	
EKA	Eskdalemuir Ar	23.91	321	P	18 36 07.0	-1.1
EKA	comp=Z,19nm,0.8s,mb4.6,baz=123,slow=9.4,SNR=17					
EKA	Eskdalemuir Ar	23.91	321	P	18 36 07.0	-1.1
EKA	comp=Z,19nm,0.8s,mb4.6					
ESK	Eskdalemuir	23.92	321	eP	18 36 06.2	-2.1
ESK	comp=Z,76nm,1.3s,mb5.0					
ESK	Eskdalemuir	23.92	321	eP	18 36 06.2	-2.1
ESK	comp=Z,76nm,1.3s,mb5.0					
JOF	Joensuu	24.04	9	eP	18 36 07.8	-1.5
JOF	comp=Z,7.5nm,0.7s,mb4.2					
JOF	Joensuu	24.04	9	eP	18 36 07.8	-1.5
JOF	comp=Z,7.5nm,0.7s,mb4.2					
PVIS	Visu	24.05	283	eP	18 36 09.3	-0.1
ELOB	Lobios	24.05	286	P	18 36 09.9	+0.5
ELOB	comp=Z,10nm,1.5s,mb4.0					
ELOB	Lobios	24.05	286	P	18 36 09.9	+0.5
ELOB	comp=Z,10nm,1.5s,mb4.0					
PESTR	Estremoz	24.11	279	eP	18 36 10.9	+1.0
PESTR	comp=Z,10nm,1.5s,mb4.0				18 40 29.9	+2.1
PESTR	eLR				18 44 56.1	
EGRO	Ei Granado	24.31	276	P	18 36 11.2	-0.6
EGRO	comp=Z,662nm,18.0s					
EGRO	Ei Granado	24.31	276	P	18 36 11.2	-0.6
EGRO	comp=Z,662nm,18.0s					
PBEJ	Beja	24.49	277	eP	18 36 12.7	-0.8
DLF	Lyons Farm	24.77	314	eP	18 36 12.1	-3.9
ORR	Orenburg	24.86	50	iP	18 36 17.8	+1.0
ORR	comp=Z,80nm,0.9s,mb5.2					
ORR	Orenburg	24.86	50	iP	18 36 17.8	+1.0
ORR	comp=Z,80nm,0.9s,mb5.2					
DCN	Croghan	25.21	314	eP	18 36 11.6	-8.4
PMAFR	Mafra	25.39	280	eS	18 40 50.3	+1.9
PMAFR	comp=Z,80nm,0.9s,mb5.2				18 46 30.0	
AKTK	Aktyubinsk	26.57	54	P	18 36 32.9	+0.6
AKTK	comp=Z,590nm,16.0s				18 49 18.7	
AKTK	Aktyubinsk	26.57	54	P	18 36 32.9	+0.6
AKTK	comp=Z,590nm,16.0s					
AKTO	Aktyubinsk	26.57	54	P	18 36 32.9	+0.6
AKTO	comp=Z,848nm,19.1s				18 49 18.7	
AKTO	Aktyubinsk	26.57	54	P	18 36 32.9	+0.6
AKTO	comp=Z,848nm,19.1s,MS4.3,baz=69,slow=42					
AKTO	Aktyubinsk	26.57	54	P	18 36 32.9	+0.6
AKTO	comp=Z,5.0nm,0.5s,mb4.3					
AKTO	MLR					
AB31	Akbulak array	27.61	57	iP	18 36 42.1	+0.4
AB31	comp=Z,10.0nm,1.1s,mb4.4					
AB31	Akbulak array	27.61	57	iP	18 36 42.1	+0.4
AB31	comp=Z,10.0nm,1.1s,mb4.4					
ARU	Arti	28.59	42	iP	18 36 49.5	-0.9
ARU	comp=Z,10.0nm,1.1s,mb4.4				18 39 58.6	
ARU	Arti	28.59	42	iP	18 36 49.5	-0.9
ARU	comp=Z,10.0nm,1.1s,mb4.4				18 41 39.0	0.0
ARU	eS					
ARU	comp=Z,12nm,1.0s,mb4.6					
ARU	MLR					
ARU	comp=N,700nm,16.0s,MS4.5					
ARU	MLR					
ARU	comp=E,600nm,16.0s,MS4.5					
ARU	MLR					
ARU	comp=Z,900nm,16.0s,MS4.5					
ARU	MLR					
ARU	Arti	28.59	42	eP	18 36 50.7	+0.3
ARU	comp=Z,20nm,1.1s,mb4.8					
ARU	Arti	28.59	42	eP	18 36 50.7	+0.3
ARU	comp=Z,20nm,1.1s,mb4.8					
ARU	Arti	28.59	42	eP	18 39 58.6	-2.9
ARU	comp=Z,20nm,1.1s,mb4.8				18 37 43.0	
APA	Apatity	28.77	81	eP	18 36 56.0	+4.0
APA	comp=Z,20nm,1.1s,mb4.8				18 41 50.0	+8.2
APA	eS					
APA	comp=Z,12nm,0.8s,mb4.7					
SOKR	Solikamsk	29.09	35	iP	18 36 56.3	+1.4
SOKR	comp=Z,40nm,1.3s,mb5.0				18 41 55.1	+8.3
SOKR	Solikamsk	29.09	35	iP	18 36 56.3	+1.4
SOKR	comp=Z,40nm,1.3s,mb5.0					
SOKR	Solikamsk	29.09	35	iP	18 36 56.3	+1.4
SOKR	comp=Z,40nm,1.3s,mb5.0					
LVZ	Lovozero	29.23	9	eP	18 36 56.6	+0.6
LVZ	comp=Z,2.1nm,1.3s,mb4.7					
LVZ	Lovozero	29.23	9	eP	18 36 56.6	+0.6
LVZ	comp=Z,2.1nm,1.3s,mb4.7					
ARCES	ARCCESS Array B	30.24	1	P	18 37 04.0	-1.0
ARCES	comp=Z,9.7nm,0.8s,mb4.6,baz=171,slow=8.6,SNR=12					
ARCES	LR				18 50 18.8	
ARCES	ARCCESS Array B	30.24	1	P	18 37 04.0	-1.0
ARCES	comp=Z,9.7nm,0.8s,mb4.6,baz=171,slow=8.6,SNR=12					
ARCES	LR				18 50 18.8	
ARCES	ARCCESS Array B	30.24	1	P	18 37 04.0	-1.0
ARCES	comp=Z,10.0nm,0.8s					
ARCES	MLR					
ARCES	comp=Z,2um,18.1s					
BANOM	Banah	30.49	106	iP	18 37 07.9	+0.7

TOAO	Torodi Ar. Sit	32.48	222	eP	18 37 23.6	-1.1
TOAO	Torodi Ar. Sit	32.48	222	eP	18 37 23.6	-1.1
TORD	Torodi Ar. Bea	32.48	222	eP	18 37 23.7	-1.0
TORD	comp=Z,6.5nm,0.6s,mb4.6,baz=39,slow=9.0,SNR=56					
TORD	ScP				18 43 55.3	-0.6
TORD	comp=Z,1.3nm,1.1s,baz=336,slow=3.3,SNR=3.6				18 52 00.2	
TORD	LR					
HOQ	Hoagan	32.59	109	iP	18 37 26.1	+0.4
HOQ	SNR=7.9					
JMDO	Jabal Madar	33.91	110	iP	18 37 37.5	+0.3
JMDO	SNR=10					
BRVK	Boroyeve	34.47	51	P	18 37 43.2	+1.1
BRVK	comp=Z,106nm,0.7s,SNR=13					
BRVK	Boroyeve	34.47	51	iP	18 37 44.2	+2.1
BRVK	SNR=11					
BRVK	Boroyeve	34.47	51	eP	18 37 43.7	+1.6
BRVK	comp=Z,21nm,1.0s,mb5.0					
BRVK	Boroyeve	34.47	51	eP	18 37 43.7	+1.6
BRVK	comp=Z,20nm,1.0s,mb5.0					
BVA0	Boroyeve Array	34.53	51	iP	18 37 44.0	+1.4
BVA0	comp=Z,8.0nm,1.6s,mb4.8					
BVA0	Boroyeve Array	34.53	51	iP	18 37 44.0	+1.4
BVA0	comp=Z,8.0nm,1.6s,mb4.8					
CHKZ	Chkalovo	34.72	50	P	18 37 43.5	-0.7
CHKZ	comp=Z,23nm,1.0s,mb5.1					
CHKZ	Chkalovo	34.72	50	P	18 37 43.5	-0.7
CHKZ	comp=Z,23nm,1.0s,mb5.1					
KKAR	Karatay Array	35.15	68	iP	18 37 48.8	+0.8
KKAR	comp=Z,10.0nm,0.7s,mb4.8					
KKAR	Karatay Array	35.15	68	iP	18 37 48.8	+0.8
KKAR	comp=Z,10.0nm,0.7s,mb4.8					
EKS2	Erkin-Say	37.59	68	P	18 38 10.5	+1.7
EKS2	SNR=33					
AML	Almayashu	37.65	69	P	18 38 12.0	+2.7
AML	SNR=8.8					
USP	Ospenovka	37.98	67	P	18 38 12.7	+0.5
USP	SNR=11					
AAK	Ala-Archa	38.12	68	P	18 38 14.9	+1.6
AAK	SNR=15					
AAK	Ala-Archa	38.12	68	P	18 38 13.0	-0.3
AAK	comp=Z,77nm,0.6s,mb5.6,SNR=15					
AAK	Ala-Archa	38.12	68	P	18 38 14.3	+1.0
AAK	SNR=18					
AAK	Ala-Archa	38.12	68	eP	18 38 13.6	+0.3
AAK	comp=Z,31nm,1.3s,mb4.9					
AAK	Ala-Archa	38.12	68	eP	18 38 13.6	+0.3
AAK	comp=Z,31nm,1.3s,mb4.9					
FRU	Bishkek	38.16	68	iP	18 38 14.4	+0.8
FRU	comp=Z,140nm,1.8s,mb5.4					
FRU	Bishkek	38.16	68	iP	18 38 14.4	+0.8
FRU	comp=Z,140nm,1.8s,mb5.4					
CHMS	Chumysh	38.22	68	P	18 38 15.2	+1.1
CHMS	SNR=9.3					
UCH	Uchter	38.22	69	P	18 38 16.4	+2.3
UCH	SNR=8.8					
KBK	Karagaybulak	38.44	68	P	18 38 16.8	+0.8
KBK	SNR=13					
KZA	Kyzart	38.79	69	P	18 38 21.2	+2.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, ASAR Forrest, NWAOW Narrogin (SRO), STKA Stephens Creek, etc.

NEIC 21 18:51:41.5, 3934N:2356E, h28km, ML3.2(ATH), After ATH.

ATH 21 18:51:41.5, 3934N:2356E, h28km, MD3.3/10, ML3.2 THE 21 18:51:42.4, 3930N:2353E, h14km, ML3.0

ISCJB 21 18:51:42.5, 0.1, 3933N:003:2358E.004, h29km, 4km, Error ellipse: s-maj=5.1km s-min=4.4km az=32.6

CSEM 21 18:51:42.7, 0.1, 3933N:2358E, h20km, ML3.2, Error ellipse: s-maj=1.9km s-min=1.8km az=153.0

SKO 21 18:51:44.3, 3958N:2369E, h9km, ISC 21 18:51:42.5, 0.5, 3934N:003:2356E.004, h16km, 3km, n29, r78/37, 1D, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEO Neokhori, XOR Xorichti, AOS Alonnissos, etc.

IDC 21 19:01:58.4, 1.1, 1337N:12579E, h0km, mb3.6/6, mb1 3.7/6, mb1mx3.6/18, mbtmp3.6/6, Error ellipse: s-maj=86.3km s-min=19.0km az=74.0, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSRSS Korea Array, WRA Warramunga Arr, ASAR Alice Springs, etc.

ISCJB 21 19:03:29.3, 0.5, 3938N:002:2354E.004, h13km, 4km, Error ellipse: s-maj=4.6km s-min=4.0km az=158.4

NEIC 21 19:03:29.4, 3939N:2353E, h27km, ML3.3(ATH), After ATH.

ATH 21 19:03:29.4, 3939N:2353E, h27km, 1km, MD3.3/14, ML3.3 CSEM 21 19:03:30.0, 0.1, 3936N:2354E, h12km, ML3.3, Error ellipse: s-maj=2.2km s-min=1.9km az=77.0

THE 21 19:03:30.1, 3931N:2351E, h12km, ML2.8 SKO 21 19:03:29.8, 0.4, 3937N:002:2353E.004, h18km, 3km, n27, r05/35, 1C-1D, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEO Neokhori, XOR Xorichti, AOS Alonnissos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATH Athens Observa, EVR Erytria, KVR Kavouri, etc.

ISCJB 21 19:04:52.8, 0.5, 3933N:003:2351E.004, h13km, 5km, Error ellipse: s-maj=5.5km s-min=4.9km az=143.9

CSEM 21 19:04:53.9, 0.1, 3933N:2351E, h10km, ML3.0, Error ellipse: s-maj=2.2km s-min=1.7km az=34.0

THE 21 19:04:53.8, 3934N:2351E, h6km, ML2.7 NEIC 21 19:04:53.3, 3933N:2346E, h19km, ML3.0(ATH), After ATH.

ATH 21 19:04:53.3, 3933N:2346E, h19km, 2km, ML3.0 ISC 21 19:04:53.1, 0.5, 3932N:003:2351E.004, h17km, 4km, n17, r05/24, 2C-1D, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEO Neokhori, XOR Xorichti, AOS Alonnissos, etc.

WEL 21 19:08:20.0, 0.3, 3867S:17580E, h143km, 2km, ML3.7/15, Error ellipse: s-maj=1.6km s-min=1.6km az=0.0, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KATZ Kakaramea, KWZ Kawarere, WTVZ Taurewa, etc.

ISCJB 21 19:22:01.4, 0.5, 3937N:002:2356E.004, h10km, 4km, Error ellipse: s-maj=5.0km s-min=4.1km az=3.9

NEIC 21 19:22:01.4, 3933N:2356E, h27km, ML3.1(ATH), After ATH.

ATH 21 19:22:01.4, 3933N:2356E, h27km, 2km, MD3.1/10, ML3.1 CSEM 21 19:22:02.0, 0.1, 3935N:2355E, h15km, ML3.1, Error ellipse: s-maj=1.6km s-min=1.4km az=87.0

THE 21 19:22:02.2, 3932N:2354E, h11km, ML2.6 SKO 21 19:22:04.9, 3957N:2362E, h23km, ISC 21 19:22:01.9, 0.5, 3935N:002:2356E.004, h15km, 3km, n29, r05/37, 1C, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEO Neokhori, XOR Xorichti, AOS Alonnissos, etc.

MAN 21 19:38:47.6, 1766N:12251E, h0km, mb3.9, ML4.9, MS1.6, 3C-1D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PALP Palanan, PALP Palanan, CVP Callao Caves, etc.

NEIC 21 19:44:10.9, 3938N:2355E, h16km, ML3.2(ATH), After ATH.

ATH 21 19:44:10.9, 3938N:2355E, h16km, 1km, MD3.3/13, ML3.2 ISCJB 21 19:44:11.5, 0.5, 3938N:002:2352E.003, h9km, 4km, Error ellipse: s-maj=4.4km s-min=3.5km az=173.0

CSEM 21 19:44:11.7, 0.1, 3936N:2352E, h12km, ML2.9, Error ellipse: s-maj=1.7km s-min=1.4km az=95.0

THE 21 19:44:12.2, 3936N:2351E, h8km, ML2.9 SKO 21 19:44:12.5, 3931N:2372E, h6km, ISC 21 19:44:11.9, 0.4, 3937N:002:2353E.004, h11km, 3km, n31, r05/77/43, 1C-1D, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEO Neokhori, XOR Xorichti, AOS Alonnissos, etc.

NEIC 21 19:47:27.6, 3933N:2354E, h26km, ML3.2(ATH), After ATH.

SKO 21 19:47:27.9, 3944N:2374E, h4km, ATH 21 19:47:27.6, 3933N:2354E, h26km, 1km, MD3.5/19, ML3.2

ISCJB 21 19:47:28.3, 0.4, 3933N:002:2356E.004, h18km, 5km, Error ellipse: s-maj=4.6km s-min=3.6km az=171.6

CSEM 21 19:47:28.0, 0.1, 3936N:2353E, h15km, ML3.2, Error ellipse: s-maj=1.4km s-min=1.2km az=70.0

THE 21 19:47:28.3, 3935N:2352E, h8km, ML3.1 ISC 21 19:47:28.2, 0.4, 3934N:002:2354E.003, h12km, 3km, n38, r05/72/47, 2C-4D, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEO Neokhori, XOR Xorichti, AOS Alonnissos, etc.

NEIC 21 20:14:02.9, 3936N:2356E, h20km, ML3.2(ATH), After ATH.

ATH 21 20:14:02.9, 3936N:2356E, h20km, 1km, MD3.2/12, ML3.2 ISCJB 21 20:14:03.0, 0.5, 3935N:003:2353E.004, h10km, 4km, Error ellipse: s-maj=4.7km s-min=4.3km az=116.0

THE 21 20:14:03.8, 3929N:2352E, h13km, ML2.7 CSEM 21 20:14:03.8, 0.1, 3935N:2354E, h12km, ML2.7, Error ellipse: s-maj=1.8km s-min=1.6km az=89.0

ISC 21 20:14:03.8, 0.5, 3935N:003:2354E.004, h13km, 4km, n25, r05/67/32, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEO Neokhori, XOR Xorichti, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MMB Musomiste, RDO Rodhopi, RZN Rozhen, etc.

NEIC 21 22:37:49.1, 1600Sx73.15W, h36km, mb3.9/2, ML4.1 (LIM), After LIM.

NEIC Feit [III] at Caraveli. ISCJB 21 22:37:50.6, 1.2, 160S.01:730W.0.1, h68km, 12km, mb3.6/4, Error ellipse: s-maj=27.5km s-min=8.9km az=73.5

IDC 21 22:37:54.0, 1.4, 1315Sx71.81W, h0km, mb3.6/2, mb1 4.0/5, mb1mx3.8/19, mbtmp3.9/5, ML4.2/3, Error ellipse: s-maj=58.5km s-min=21.1km az=27.0

ISC 21 22:37:51.9, 1.2, 160S.01:730W.0.1, h65km, 12km, n11, c083/14, mb3.7/4, 1D, Near coast of Peru

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ARE Arequipa, ARE Arequipa, LPAZ La Paz, LPAZ La Paz, etc.

IDC 21 22:38:44.7, 3.3, 3619N:7099E, h187km, 65km, mb3.2/5, mb1 3.3/8, mb1mx3.0/24, mbtmp3.1/8, Error ellipse: s-maj=50.9km s-min=34.9km az=137.0

NEIC 21 22:38:44.1, 2.1, 3614N:7100E, h163km, 19km, mb4.0/4, Error ellipse: s-maj=19.5km s-min=11.3km az=215.0

ISCJB 21 22:38:47.1, 1.3, 3633N:007.708E, 0.2, h211km, 14km, mb3.4/6, Error ellipse: s-maj=20.6km s-min=10.0km az=142.7

ISC 21 22:38:48.8, 1.2, 3643N:007.710E, 0.1, h217km, 13km, n27, c074/30, mb3.4/6, 1C, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include THN Thein Dam, THN Thein Dam, AML Almayash, UCH Uchtor, KZA Kyzart, etc.

BJI 21 22:56:43.0, 5060N:13040W, h10km, mb5.1, mb4.7, Ms4.7, Ms2.5

PGC 21 22:56:45.6, 3.1, 5057N:13040W, h10km, ML4.0/10, Mw4.6, 2.1km southwest of Pt. Hardy, Bc Vancouver Island Region

NEIC 21 22:56:45.0, 5057N:13040W, h10km, mb4.2/17, Mw4.6 (PGC), After PGC.

IDC 21 22:56:47.0, 0.9, 5057N:13021W, h0km, mb3.9/6, mb1 4.2/12, mb1mx4.0/24, mbtmp4.0/12, ML4.0/5, MS3.8/15, Ms1 3.8/15, ms1mx3.7/26, Error ellipse: s-maj=18.5km s-min=11.9km az=38.0

ISCJB 21 22:56:47.4, 0.3, 5089N:003.12988W, 0.06, h10km, mb4.2/15, MS3.9/11, Error ellipse: s-maj=6.2km s-min=2.7km az=114.2

ISC 21 22:56:49.0, 0.3, 5090N:003.12994W, 0.06, h10km, n168, c1520/148, mb4.2/15, MS3.9/11, 18C-23D, Vancouver Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PHC Port Hardy, PHC Port Hardy, PHC Bella Bella, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PHC Port Hardy, PHC Port Hardy, PHC Bella Bella, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include NEW Newport, NEW Newport, BMO Blue Mountains, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WALA Waterlon Lakes, CHMT Chamberlain Mo, HLID Hailey, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KCC Kootenai Creek, R09A Tonopah, T06C Millerton Lake, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include Q11A Duckwater, HWUT Hardware Ranch, S08C White Mtn Res, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include S09A Goldfield, DUG Dugway, DUG Dugway, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PDAR Pinedale Array, PDAR Pinedale Array, V03C Hunter Liggett, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LAO LASA Array, HELL Mitchell Peak, PKD Parkfield, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GSC Goldstone, TUQ Turquoise Mtn, V12A Nevada, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include HEC Hector Ludlow, BFSC Mount Baldy St, GMRC Granite Mount, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include IMA2 Indian Mountain, PHWY Hualapai, W13A Hualapai Mount, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BELC Belle Mtn, W14A Seligman, IRM Iron Mountain, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SMCO Snowmass, SMCO Snowmass, X13A Yucca, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PDMOI Parker Dam, BC3 Big Chuck Mtn, W15A Williams, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WUAZ Wupatki, MVCO Mesa Verde, Y12C Blythe, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MONP Monument Peak, X14A Salome, Y13A Salome, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SWSC Sgt W. Stewart, X15A Humboldt, DVTC Desert V Tower, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include Y14A Wickenburg, GLA Glamis, Z14A Wintersburg, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ULM Lac du Bonnet, ULM Lac du Bonnet, SDCO Great Sand Dun, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include F116A Eloy, ANMO Anasazi, TUC Tucson, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include AMTX Amarillo, WMTX Wichita Mount, LTX Lajitas, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BUJR, KMKR, KZR, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MLR, BURAR, EIL, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KHC, CLL, Collm, etc.

Table with columns: LIC, Lamto, 57.26 246 eP, P, 01 21 05.5 -0.6, comp=Z, 3.5nm, 0.7s, mb4.5

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

NEIC 22 01:36:05.2, 17.17N-95.40W, h112km, MD3.8(MEX), After MEX.

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

CSEM 22 01:43:34.9, 0.8, 38.15N-26.17W, h0km, 5km, ML2.2, Error ellipse: s-maj=18.3km s-min=1.5km az=39.0.

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

CSEM 22 02:05:41.3, 67.18N-206.3E, h0km, ML3.3, Mining explosion. After UPP

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

ISCJB 22 02:34:20.7, 0.9, 17.84N-006.12275E-008, h33km, mb3.5/4, MS2.5/1, Error ellipse: s-maj=10.9km s-min=8.7km az=23.6.

MAN 22 02:34:20.0, 17.86N-122.71E, h55km, mb4.0, ML5.0, MS4.4

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

2006 DEC

IDC 22 03:40:39.9, 1.1, 142S-226.9W, h0km, mb3.8/3, mb1.4/0.3, ms1mx3.2/0, mbtmp3.8/3, MS3.3/4, Ms1.3/4, ms1mx3.2/26, Error ellipse: s-maj=59.1km s-min=32.2km az=156.0.

NEIC 22 03:40:34.7, 0.8, 165S-225.6W, h10km, mb4.1/1, Error ellipse: s-maj=47.8km s-min=18.7km az=153.0, Central Mid-Atlantic Ridge

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

BUI 22 03:43:47.9, 12.74N-126.09E, h33km, mb4.9, mb4.5, Ms4.3, Ms2.9

IDC 22 03:43:48.0, 0.5, 132.7N-125.96E, h0km, mb4.2/2.0, mb1.4/3.2, mb1mx4.3/2.4, mbtmp4.2/2.0, MS3.9/12, Ms1.3/9.12, ms1mx3.6/3.1, Error ellipse: s-maj=31.4km s-min=7.1km az=152.0.

ISCJB 22 03:43:52.0, 1.332N-125.80E, h26km, 14km, mb4.3/26, MS3.9/12, Error ellipse: s-maj=7.4km s-min=5.5km az=154.4.

NEIC 22 03:43:53.1, 5.2, 132.4N-125.93E, h29km, 36km, mb4.5/6, Error ellipse: s-maj=16.1km s-min=5.7km az=67.0.

ISC 22 03:43:53.0, 0.2, 133.2N-103.12584E-004, h2km, 15km, n60, s105/55, mb4.3/26, MS3.9/12, 3D, Philippine Islands region

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

ISCJB 22 02:34:20.7, 0.9, 17.84N-006.12275E-008, h33km, mb3.5/4, MS2.5/1, Error ellipse: s-maj=10.9km s-min=8.7km az=23.6.

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

BRTR Keskin Array B 83.29 309 P P 03 56 17.8 +0.3

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

ISCJB 22 03:46:55.4, 0.4, 46.75N-006.15469E-006, h12km, mb4.5/8, MS4.0/4, Error ellipse: s-maj=10.1km s-min=4.7km az=121.8.

NEIC 22 03:46:55.3, 0.4, 46.50N-154.70E, h10km, mb4.6/16, Error ellipse: s-maj=11.3km s-min=6.8km az=170.0.

BUI 22 03:46:57.4, 4.707N-154.22E, h5km, mb4.6, mb4.5, Ms4.2, Ms2.8

IDC 22 03:46:58.4, 7.2, 46.45N-154.78E, h32km, 53km, mb4.2/2.3, mb1.4/3.2, mb1mx4.2/3.0, mbtmp4.2/2.4, ML4.1/1, Error ellipse: s-maj=18.6km s-min=14.8km az=154.0.

MOS 22 03:47:00.5, 1.6, 46.65N-154.50E, h61km, mb4.7/3.5, Error ellipse: s-maj=10.3km s-min=7.1km az=105.1.

SZGRF 22 03:47:01.4, 46.24N-153.27E, h33km, mb4.5, Kuril Islands, Russia

ISC 22 03:46:57.1, 1.8, 46.76N-007.15465E-006, h12km, 11km, h12km, 9km, P, n137, r059/144, mb4.5/58, MS4.0/4, SC-42, East of Kuril Islands

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

CSEM 22 02:05:41.3, 67.18N-206.3E, h0km, ML3.3, Mining explosion. After UPP

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

Table of station data for the left column, including call signs like HHC, ZAK, COLA, LZH, etc., and their associated frequencies and coordinates.

Table of station data for the middle column, including call signs like FINES, SRU, ULM, NOA, etc., and their associated frequencies and coordinates.

Table of station data for the right column, including call signs like KMN, ZLN, KII, etc., and their associated frequencies and coordinates.

ICD 22 04:08:14.1, 2.2, 925N; 12723E, h0km, mb3.5/6, mb1 3.7/6, mb1mx3.6/20, mbtmp3.5/6, Error ellipse: s-maj=220.6km s-min=21.5km az=70.0

NEIC 22 04:08:18.9, 1.3, 934N; 12752E, h35km, mb4.1/1, Error ellipse: s-maj=127.0km s-min=11.4km az=69.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for WRA, ASAR, SOMN, MK31, MKAR, ZAL, BRVK, TORO, etc.

MOS 22 04:22:58.6, 1.3, 2240N; 14342E, h137km, mb4.1/5, Error ellipse: s-maj=19.7km s-min=10.9km az=97.9

ISCJB 22 04:22:59.1, 1.2, 2233N; 005E, 1434E, 0.1, h141km, 10km, mb3.9/27, Error ellipse: s-maj=15.6km s-min=8.4km az=170.9

ICD 22 04:22:59.6, 2.1, 2235N; 14350E, h134km, mb3.7/17, mb1 3.9/18, mb1mx3.8/24, mbtmp3.7/18, Error ellipse: s-maj=19.5km s-min=10.9km az=94.0

NEIC 22 04:22:59.7, 1.4, 2227N; 14351E, h160km, 12km, mb4.0/10, Error ellipse: s-maj=10.9km s-min=7.0km az=85.0

ISC 22 04:23:00.3, 1.1, 2235N; 005E, 1435E, 0.1, h137km, 10km, n52, +105/46, mb3.9/27, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for CBIJ, GJMU, GJM, KSR, KLR, SOMN, CTA, WRA, FITZ, ASAR, PSI, STKA, MK31, MKAR, KURK, AAK, etc.

KRSC 22 03:58:29.1, 0.1, 5462N, 16206E, h38km, 38km, ML3.6, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for MKZ, TUMR, KMN, ZLN, etc.

KRSC 22 03:59:42.4, 0.3, 5462N, 16196E, h37km, 37km, ML3.6, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for MKZ, TUMR, KMN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GSPA, SNA, TOR, etc.

ISCJB 22 04:29:08.0-0.7, 200S:0.1x1776W:0.1, h500km, mb4.0/7, Error ellipse: s-maj=24.0km s-min=9.6km az=99.9

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

NEIC 22 04:29:11.1-1.1, 1997S:17763W, h13km, 15km, mb4.3/6, Error ellipse: s-maj=20.1km s-min=13.3km az=160.0

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

ISCJB 22 04:52:28.7-0.5, 5160N:1612E, h5km, ML3.0(BRA), ML3.1(SZGRF) Error ellipse: s-maj=6.9km s-min=5.0km az=91.0

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

ATH 22 04:36:44.6, 3945N-2360E, h4km, MD3.0/4, ML3.1, Error ellipse: s-maj=6.3km s-min=4.4km az=122.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NEO, XOR, AOS, etc.

ISCJB 22 04:40:09.0-0.5, 3933N-003:2349E, h10km, ML3.1, Error ellipse: s-maj=1.9km s-min=1.2km az=119.0

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

ATH 22 04:40:09.7, 3935N-2348E, h18km, ML3.1(ATH), After ATH, Error ellipse: s-maj=1.9km s-min=1.2km az=119.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NEO, XOR, AOS, etc.

ISCJB 22 04:40:09.5-0.5, 3937N-003:2356E, h10km, ML3.1, Error ellipse: s-maj=1.9km s-min=1.2km az=119.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NEO, XOR, AOS, etc.

NIED 22 04:48:00, 3500N:13960E, h8km, Mw3.5 Best double couple: M1: 72000:1014 N1: 110000:389.00000

Broadband fault plane solution: P waves. NP1: q=180.00000; R=422.00000; A=137.00000

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

NEIC 22 04:52:28.7-0.5, 5160N:1612E, h5km, ML3.0(BRA), ML3.1(SZGRF) Error ellipse: s-maj=6.9km s-min=5.0km az=91.0

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

ATH 22 04:36:44.6, 3945N-2360E, h4km, MD3.0/4, ML3.1, Error ellipse: s-maj=6.3km s-min=4.4km az=122.3

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

ISCJB 22 04:52:30.8-0.1, 5149N:1601E, h0km, ML3.5/2, Error ellipse: s-maj=2.2km s-min=1.5km az=12.0

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

ATH 22 04:36:44.6, 3945N-2360E, h4km, MD3.0/4, ML3.1, Error ellipse: s-maj=6.3km s-min=4.4km az=122.3

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

ISCJB 22 04:52:32.1-0.5, 5132N:1594E, h0km, mb2.6/5, ML3.0/6, Error ellipse: s-maj=3.1km s-min=2.5km az=23.0

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

ATH 22 04:36:44.6, 3945N-2360E, h4km, MD3.0/4, ML3.1, Error ellipse: s-maj=6.3km s-min=4.4km az=122.3

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

ISCJB 22 04:52:30.8-0.1, 5149N:1601E, h0km, ML3.5/2, Error ellipse: s-maj=2.2km s-min=1.5km az=12.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GEC2, GEC2, GEC2, etc.

ISCJB 22 04:52:28.7-0.5, 5160N:1612E, h5km, ML3.0(BRA), ML3.1(SZGRF) Error ellipse: s-maj=6.9km s-min=5.0km az=91.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GEC2, GEC2, GEC2, etc.

ISCJB 22 04:52:28.7-0.5, 5160N:1612E, h5km, ML3.0(BRA), ML3.1(SZGRF) Error ellipse: s-maj=6.9km s-min=5.0km az=91.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GEC2, GEC2, GEC2, etc.

ISCJB 22 04:52:28.7-0.5, 5160N:1612E, h5km, ML3.0(BRA), ML3.1(SZGRF) Error ellipse: s-maj=6.9km s-min=5.0km az=91.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GEC2, GEC2, GEC2, etc.

ISCJB 22 04:52:28.7-0.5, 5160N:1612E, h5km, ML3.0(BRA), ML3.1(SZGRF) Error ellipse: s-maj=6.9km s-min=5.0km az=91.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GEC2, GEC2, GEC2, etc.

ISCJB 22 04:52:28.7-0.5, 5160N:1612E, h5km, ML3.0(BRA), ML3.1(SZGRF) Error ellipse: s-maj=6.9km s-min=5.0km az=91.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GEC2, GEC2, GEC2, etc.

ISCJB 22 04:52:28.7-0.5, 5160N:1612E, h5km, ML3.0(BRA), ML3.1(SZGRF) Error ellipse: s-maj=6.9km s-min=5.0km az=91.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GEC2, GEC2, GEC2, etc.

ISCJB 22 04:52:28.7-0.5, 5160N:1612E, h5km, ML3.0(BRA), ML3.1(SZGRF) Error ellipse: s-maj=6.9km s-min=5.0km az=91.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GEC2, GEC2, GEC2, etc.

ISCJB 22 04:52:28.7-0.5, 5160N:1612E, h5km, ML3.0(BRA), ML3.1(SZGRF) Error ellipse: s-maj=6.9km s-min=5.0km az=91.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Yellowknife Ar, Jiri, Gumba, Kakani, Daman, Dangising, Koldanda, Mina Array Bea, etc.

CSEM 22 07:38:28.3±0.1, 4349N:4.58E, h20km, ML2.7/14, Error ellipse: s-maj=3.0km s-min=1.5km az=8.0, NEIC 22 07:38:29.3, 4346N:4.62E, h5km, ML2.3(STR), ML2.7(LDG), After STR.

STR 22 07:38:29.3±0.7, 4346N:4.62E, h5km, ML2.3, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, LDG 22 07:38:27.3±0.1, 4345N:4.57E, h10km, Md2.4/2, Ml2.7/13, Error ellipse: s-maj=1.5km s-min=0.7km az=10.0, Near south coast of France

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Pradon, Grande-Etoile, Ste Croix, Simiane la Rot, Tavernes, Saint-Julien-I, La Moure, La Forest Royal, Montlieu, Valandovo, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SNR=1.0, Les Rejaudoux, Signal de Mont, etc.

ISCJB 22 07:57:30.7±0.4, 3936N:0.02±2351E:0.04, h10km, 3km, Error ellipse: s-maj=4.6km s-min=3.0km az=161.2, SOF 22 07:57:30.6, 3945N:2369E, h5km, MD2.7, ATH 22 07:57:30.1, 3930N:2356E, h15km, MD3.4/12, ML3.3, THE 22 07:57:31.7, 3929N:2352E, h15km, ML3.1

CSEM 22 07:57:31.5±0.1, 3934N:2351E, h12km, ML3.3, Error ellipse: s-maj=2.1km s-min=1.8km az=159.0, NEIC 22 07:57:33.0±0.4, 3936N:2341E, h10km, ML3.0(ATH), After ATH.

ISC 22 07:57:31.3±0.4, 3935N:0.02±2351E:0.04, h14km, 3km, n48, c102/68, 4C-2D, Aegean Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Neokhori, Xorichti, Anlonissos, Paliouri, Lokris, Agios Georgios, Polygyros, Ouranopolis, Litokhoron, Klokotos Trika, Horticatis, Penteli, Thessaloniki, Athens Observa, Evrytania, Sokhos, Kavouri, Nisos Aigina, Kozani, Serrai, Griva, K Kendrickron, Valandovo, Valandovo, Paraskevi, Musomiste, Musomiste, Rodhopi, Ithomi, Krupnik, Krusevo, Krusevo, Krusevo, Kurdzhali, Apeiranthos, Apeiranthos, Vitoshka, Muntele Rosu, Buzias, Vriociaia, etc.

NEIC 22 08:23:29.3, 3636S:7279W, h42km, MD3.6(GUC), After GUC. GUC 22 08:23:29.3±0.6, 3636S:7279W, h42km, 5km, MD3.6, ML2.7, SD, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Cobquecura, Chillan, Chanco, Linare, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Linares, Maasin, Roxas, Guam, Nakatsue, Warramunga Arr, Alice Springs, Songoio Array, Stephens Creek, Makanchi Array, Borovoye Array, Inuvik, etc.

MOS 22 08:57:57.4±1.5, 5567N:110.10E, h2km, mb4.2/1, Error ellipse: s-maj=33.9km s-min=17.5km az=70.4, BYKL 22 08:57:55.6±0.6, 5571N:110.10E, h39km, 7km, 1C, Lake Baykal region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Nizh Angarsk, Kumora, Uyojan, Severomysk, Uakit, Suvo, Ulyunkhan, Ougureny, Bodaibo, Chita, Khuramsha, Chara, etc.

Table with columns: CRS, List, Smax, LSTR, LSTR, LSTR, TLY, TLY, TLY, TLY, TLY, TLY, TUP, TUP, ARS, ARS, ARS, KPC, KPC, KPC, KPC, ORL, ORL, ORL, ORL, ORL, TDJR. Includes station names like Listyanka, Talaya, Tupik, Arshan, Khapcheranga, Zakamensk, Orlik, and Todzha.

NEIC 22 09:14:32.4, 3267Sx7305W, h28km, ML3.6(GUC), After GUC.

GUC 22 09:14:32.4, 0.6, 3267S-7305W, h28km, ML3.6(GUC), MD4.0, ML3.6, 4D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Las Cruces, El Roble, Longovilo, Talagante, Peidehue, Rinconada Maip, Jahuel, Cerro Calan, Pirque, Chadas Angostu, Farellones, Cipolles, Taloto Astrono, Las Campanas.

ISCJB 22 09:31:01.9, 1.2, 436N, 0.1x147.1E, 0.1, h73km, 1.1km, mb3.7/5, Error ellipse: s-maj=21.3km s-min=10.4km az=108.7

JMA 22 09:31:03.0, 0.2, 435N, 147.07E, h53km, 4km, M3.7, IDC 22 09:31:05.5, 1.9, 455N, 146.75E, h9km, mb3.8/5, mb1.4/0.5, mb1mx3.9/22, mbtmp3.9/5, ML3.1/1, Error ellipse: s-maj=58.1km s-min=23.6km az=154.0

MOS 22 09:31:11.0, 0.9, 455N, 146.44E, h59km, mb4.2/1, Error ellipse: s-maj=35.0km s-min=27.9km az=49.4

ISC 22 09:31:02.9, 1.2, 436N, 0.1x147.1E, 0.1, h69km, 1.1km, n24, 0.992/30, mb3.7/5, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Nemuro, Rausu, Kuril'sk, Nakash, Akkeshi, Ashori-Toko, Abashirobuto, Onbets, Maruseppu, Churu, Kamakawa, Erimo, Asahikawa, Asahikawa, Asahikawa, Urakawa-nobuka, Soyas, Inuvik, Inuvik, Inuvik, Yellowknife Ar, FINESS Array B, FINESS Array B, FINESS Array B, NORARS Array B, NORARS Array B, Lajitas Array, Lajitas Array, Lajitas Array.

IDC 22 09:41:40.1, 2.0, 2.16N, 96.04E, h0km, mb3.8/6, mb1.3/9.7, mb1mx3.7/22, mbtmp3.8/7, ML3.1/1, Error ellipse: s-maj=52.6km s-min=21.9km az=55.0

ISCJB 22 09:41:46.5, 4.2, 2.3N, 02.962E, 0.3, h58km, 33km, mb4.2/1.1, Error ellipse: s-maj=55.2km s-min=16.1km az=97.1

ISC 22 09:41:48.7, 4.1, 2.3N, 02.963E, 0.3, h55km, 33km, n13, 0.536/13, mb4.2/1.1, Northern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Lubang, Coron, Tagaytay City, Boac, Ni Nido, Odiangon, Cuyo Island.

Table with columns: PSI, Prapat, JIRN, GUN, DMN, KKN, GKN, KOLN, WRA, ASAR, KSRS, MKAR, SONMI, ZAL. Includes station names like Prapat, Jirni, Gumba, Daman, Kakani, Gorkha, Koldanda, Warramanga Arr, Alice Springs, Kora Array, Makanchi Array, Songino Array, Zalesovo.

CASC 22 09:47:10.5, 1.6, 1122N-8566W, h200km, 7km, MD3.7, 4C-20, Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Villa Maderas, Concepcion, Ticuantepe, Managua, Vista de Mar, Jicaral, Cerro Gallo 2, Puriscal, Bijagal, La Lucha 2.

ISCJB 22 10:02:29.8, 0.8, 524N, 0.1x171.30W, h08, h51km, 7km, mb3.9/19, MS3.5/4, Error ellipse: s-maj=19.0km s-min=5.8km az=147.9

IDC 22 10:02:29.7, 3.9, 5250N, 171.38W, h33km, 29km, mb3.8/19, mb1.4/0.9, mb1mx3.9/30, mbtmp3.8/19, MS3.5/4, Ms1.3/5.4, ms1mx3.3/24, Error ellipse: s-maj=21.8km s-min=11.9km az=179.0

NEIC 22 10:02:30.0, 5237N, 171.18W, h26km, mb3.8/1, h97km, 1.0km, pp-P, h592, 0.866/58.7, mb4.8/146, 95C-187D, Near east coast of Kamchatka Peninsula

ISC 22 10:02:31.4, 0.3, 525N, 0.1x171.34W, h08, h52km, 7km, n37, 0.895/36, mb3.9/19, MS3.5/4, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Atka Island, Unalaska Valle, Akutan Long Va, Akutan, False Pass, Amchitka, Seward Point, Sparrevohn, Tin City, Bilbino, Inuvik, Yellowknife Ar, Newport, MJAR, MJAR, MJAR, MAT, NVAR, PDAR, KSRS, KSRS, ULM, ANMO, ANMO, ANMO, TXAR, TXAR, ZAL, MKAR, BVAR, FINESS Array B, FINESS Array B, FINESS Array B, NORARS Array B, NORARS Array B, HFS, AKTK, AKTK, WRA, ASAR, TORD, MATP, MATP.

MAN 22 10:29:16.7, 1309N, 12000E, h31km, mb2.8, ML4.2, MS3.2, 1C, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Lubang, Coron, Tagaytay City, Boac, Ni Nido, Odiangon, Cuyo Island, Petropavlovsk, Institute, Avacha, NLC, RUS, GRL, SPN, GNL, KAL, MKZ, TUMR, Severo-Kuril's, SKR, SKR, SKR, KMNPR, KMNPR, KPT, KIRR, KIRZ, KOZYR, KOZYR, ZLN, CIRR, SRDR, SRDR, KRSR, KRSR, KLY, KLY, BDR, SMKR, SRKR, SRKR, KBTR, MA2, MA2, MA2, MA2, SEY, YSS, YSS, ASAJ, ASAJ, ASAJ, ERM, ERM, ERM, BILL, BILL, BILL, HABR, HABR, KLR, YAK, YAK, YAK, YAK, CLNS, CLNS, CLNS, NRGR, NRGR, UN9V.

NEIC 22 10:53:56.8, 1605N-9706W, h16km, MD3.8(MEX), After MEX.

MEX 22 10:53:56.8, 0.6, 1605N-9706W, h16km, 9km, MD3.8, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Huatulco, Vista Hermosa, Pinotepa, Oaxaca, Huajuaplan, Matias Romero, Tehuacan.

SZGRF 22 11:04:37.8, 5250N, 15750E, h33km, mb5.0, Kamchatka Peninsula, Russia

BUI 22 11:04:44.3, 5300N, 15870E, h85km, mb4.9, mb4.6, Ms4.6, Ms24.3

ISCJB 22 11:04:45.3, 0.1, 5288N, 0.02, 15884E, 0.03, h95km, mb4.8/146, Error ellipse: s-maj=3.4km s-min=2.5km az=164.1

MOS 22 11:04:46.1, 1.0, 5298N, 15875E, h100km, mb5.0/80, Error ellipse: s-maj=8.5km s-min=4.1km az=93.7

MOS Felt (III) at Petropavlovsk-Kamchatsky, KXSC 22 11:04:47.4, 1.3, 5292N, 159.15E, h94km, 36km, ML4.9, NEIC 22 11:04:47.3, 0.2, 5302N, 15872E, h96km, 2km, mb4.9/98, Error ellipse: s-maj=5.3km s-min=3.2km az=174.0

NEIC Felt (III) at Petropavlovsk-Kamchatsky, IDC 22 11:04:47.2, 0.5, 5311N, 15871E, h96km, 4km, mb4.4/25, mb1.4/5.26, mb1mx4.5/30, mbtmp4.4/26, Error ellipse: s-maj=13.3km s-min=9.2km az=155.0

ISC 22 11:04:47.1, 0.1, 5298N, 0.02, 15872E, 0.03, h97km, h97km, 1.0km, pp-P, h592, 0.866/58.7, mb4.8/146, 95C-187D, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Petropavlovsk, Institute, Avacha, NLC, RUS, GRL, SPN, GNL, KAL, MKZ, TUMR, Severo-Kuril's, SKR, SKR, SKR, KMNPR, KMNPR, KPT, KIRR, KIRZ, KOZYR, KOZYR, ZLN, CIRR, SRDR, SRDR, KRSR, KRSR, KLY, KLY, BDR, SMKR, SRKR, SRKR, KBTR, MA2, MA2, MA2, MA2, SEY, YSS, YSS, ASAJ, ASAJ, ASAJ, ERM, ERM, ERM, BILL, BILL, BILL, HABR, HABR, KLR, YAK, YAK, YAK, YAK, CLNS, CLNS, CLNS, NRGR, NRGR, UN9V.

ISCJB 22 11:04:47.1, 0.1, 5298N, 0.02, 15872E, 0.03, h97km, h97km, 1.0km, pp-P, h592, 0.866/58.7, mb4.8/146, 95C-187D, Near east coast of Kamchatka Peninsula

ISC 22 11:04:47.1, 0.1, 5298N, 0.02, 15872E, 0.03, h97km, h97km, 1.0km, pp-P, h592, 0.866/58.7, mb4.8/146, 95C-187D, Near east coast of Kamchatka Peninsula

ISC 22 11:04:47.1, 0.1, 5298N, 0.02, 15872E, 0.03, h97km, h97km, 1.0km, pp-P, h592, 0.866/58.7, mb4.8/146, 95C-187D, Near east coast of Kamchatka Peninsula

ISC 22 11:04:47.1, 0.1, 5298N, 0.02, 15872E, 0.03, h97km, h97km, 1.0km, pp-P, h592, 0.866/58.7, mb4.8/146, 95C-187D, Near east coast of Kamchatka Peninsula

ISC 22 11:04:47.1, 0.1, 5298N, 0.02, 15872E, 0.03, h97km, h97km, 1.0km, pp-P, h592, 0.866/58.7, mb4.8/146, 95C-187D, Near east coast of Kamchatka Peninsula

ISC 22 11:04:47.1, 0.1, 5298N, 0.02, 15872E, 0.03, h97km, h97km, 1.0km, pp-P, h592, 0.866/58.7, mb4.8/146, 95C-187D, Near east coast of Kamchatka Peninsula

ISC 22 11:04:47.1, 0.1, 5298N, 0.02, 15872E, 0.03, h97km, h97km, 1.0km, pp-P, h592, 0.866/58.7, mb4.8/146, 95C-187D, Near east coast of Kamchatka Peninsula

ISC 22 11:04:47.1, 0.1, 5298N, 0.02, 15872E, 0.03, h97km, h97km, 1.0km, pp-P, h592, 0.866/58.7, mb4.8/146, 95C-187D, Near east coast of Kamchatka Peninsula

ISC 22 11:04:47.1, 0.1, 5298N, 0.02, 15872E, 0.03, h97km, h97km, 1.0km, pp-P, h592, 0.866/58.7, mb4.8/146, 95C-187D, Near east coast of Kamchatka Peninsula

ISC 22 11:04:47.1, 0.1, 5298N, 0.02, 15872E, 0.03, h97km, h97km, 1.0km, pp-P, h592, 0.866/58.7, mb4.8/146, 95C-187D, Near east coast of Kamchatka Peninsula

ISC 22 11:04:47.1, 0.1, 5298N, 0.02, 15872E, 0.03, h97km, h97km, 1.0km, pp-P, h592, 0.866/58.7, mb4.8/146, 95C-187D, Near east coast of Kamchatka Peninsula

ISC 22 11:04:47.1, 0.1, 5298N, 0.02, 15872E, 0.03, h97km, h97km, 1.0km, pp-P, h592, 0.866/58.7, mb4.8/146, 95C-187D, Near east coast of Kamchatka Peninsula

ISC 22 11:04:47.1, 0.1, 5298N, 0.02, 15872E, 0.03, h97km, h97km, 1.0km, pp-P, h592, 0.866/58.7, mb4.8/146, 95C-187D, Near east coast of Kamchatka Peninsula

ISC 22 11:04:47.1, 0.1, 5298N, 0.02, 15872E, 0.03, h97km, h97km, 1.0km, pp-P, h592, 0.866/58.7, mb4.8/146, 95C-187D, Near east coast of Kamchatka Peninsula

ISC 22 11:04:47.1, 0.1, 5298N, 0.02, 15872E, 0.03, h97km, h97km, 1.0km, pp-P, h592, 0.866/58.7, mb4.8/146, 95C-187D, Near east coast of Kamchatka Peninsula

ISC 22 11:04:47.1, 0.1, 5298N, 0.02, 15872E, 0.03, h97km, h97km, 1.0km, pp-P, h592, 0.866/58.7, mb4.8/146, 95C-187D, Near east coast of Kamchatka Peninsula

ISC 22 11:04:47.1, 0.1, 5298N, 0.02, 15872E, 0.03, h97km, h97km, 1.0km, pp-P, h592, 0.866/58.7, mb4.8/146, 95C-187D, Near east coast of Kamchatka Peninsula

ISC 22 11:04:47.1, 0.1, 5298N, 0.02, 15872E, 0.03, h97km, h97km, 1.0km, pp-P, h592, 0.866/58.7, mb4.8/146, 95C-187D, Near east coast of Kamchatka Peninsula

ISC 22 11:04:47.1, 0.1, 5298N, 0.02, 15872E, 0.03, h97km, h97km, 1.0km, pp-P, h592, 0.866/58.7, mb4.8/146, 95C-187D, Near east coast of Kamchatka Peninsula

ISC 22 11:04:47.1, 0.1, 5298N, 0.02, 15872E, 0.03, h97km, h97km, 1.0km, pp-P, h592, 0.866/58.7, mb4.8/146, 95C-187D, Near east coast of Kamchatka Peninsula

ISC 22 11:04:47.1, 0.1, 5298N, 0.02, 15872E, 0.03, h97km, h97km, 1.0km, pp-P, h592, 0.866/58.7, mb4.8/146, 95C-187D, Near east coast of Kamchatka Peninsula

701

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like Mudanjiang, TNA, MAJO, etc.

2006 DEC

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

22d 11h

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like ELFS, E14A, D15A, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NVS, RPZ, SEY, BVAR, BRVK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KMBO, SIM, JOF, DAW, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MKAR, IDC, WRA, ASAR, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like KSM Kuching, YSS Yuzh-Sakhalins, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like BC3 Big Chuckw Mtn, WCN Washoe City, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like VFP Flag Point, G05A Wamic, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GIVF Givet, WLF Walferdange, DOUR Dourbes, etc.

CSEM 22 17:28:14.3, 3758N-2037E, h5km, MD3.7/14, After ATH
ATH 22 17:28:14.3, 3758N-2037E, h5km, MD3.7/14, ML3.9

ISCJB 22 17:28:16.8, 1.2, 3753N-2038E, 0.09, h10km, Error ellipse: s-maj=12.0km s-min=7.7km az=111.8

ISC 22 17:28:17.8, 1.1, 3756N-2042E, 0.09, h10km, n20, r111/23, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RLS Riolo di Patr, ITM Ithomi, etc.

ISC 22 17:29:16.9, 1.3, 2060N-12279E, h0km, mb3.7/4, mb1 3.9/6, mb1mx3.6/21, mbtmp3.8/6, ML4.0/2, Error ellipse: s-maj=48.4km s-min=22.3km az=82.0

ISCJB 22 17:29:21.6, 2.1, 2111N-02-1225E-02, h91km, 33km, mb3.6/4, Error ellipse: s-maj=38.9km s-min=21.3km az=55.4

JMA 22 17:29:21.8, 0.3, 2110N-12253E, h92km, M3.5

ISC 22 17:29:22.9, 2.1, 2111N-02-1225E-02, h83km, 32km, n13, r046/18, mb3.6/4, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HATJ Hateruma jima, YOJ Yonaguni jima, etc.

ASAR Alice Springs 45.87 165 P P 17 37 37.0 +0.2
STKA Stephens Creek 55.77 160 P P 17 38 51.9 +0.7

CSEM 22 17:32:49.1, 6707N-2093E, h0km, ML2.7, Mining explosion, After UPP
UPP 22 17:32:49.1, 6707N-2093E, h0km, ML2.7, Mining explosion.

HEL 22 17:32:49.7, 0.1, 6708N-2091E, h0km, ML2.2, ML2.7 (UPP), Explosion, Sweden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DUNU Dunderst, MASU Masungbyn, etc.

ISCJB 22 17:35:16.2, 1.0, 2103S-007-17869W, 0.09, h571km, 15km, mb4.1/15, Error ellipse: s-maj=13.9km s-min=9.7km az=69.9

NEIC 22 17:35:17.5, 0.9, 2094S-17868W, h581km, 11km, mb4.7/3, Error ellipse: s-maj=12.9km s-min=9.7km az=144.0

ISC 22 17:35:21.9, 2.1, 2110S-17888W, h627km, 25km, mb3.4/13, mb1 3.6/15, mb1mx3.6/20, mbtmp3.5/15, Error ellipse: s-maj=14.9km s-min=13.9km az=8.0

ISC 22 17:35:16.8, 1.0, 2109S-008-17863W, 0.09, h564km, 14km, n44, r079/34, mb4.1/15, 3C-4D, Fiji Islands region

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

STKA Stephens Creek 37.01 245 eP P 17 41 40.1 +0.9
STKA Stephens Creek 37.01 245 P P 17 41 39.5 +0.3

STKA Stephens Creek 37.01 245 eP P 17 41 39.5 +0.1
ASAR Alice Springs 43.81 257 P P 17 42 33.5 +0.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, WB2 Warramunga Arr, etc.

ASAR Alice Springs 43.81 257 P P 17 42 33.5 +0.2
ASAR Alice Springs 43.81 257 P P 17 42 33.5 +0.2

ASAR Alice Springs 43.81 257 P P 17 42 33.5 +0.2
ASAR Alice Springs 43.81 257 P P 17 42 33.5 +0.2

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

ISC 22 17:37:27.3, 0.5, 5641N-12270E, h0km, mb4.1/21, mb1 4.3/24, mb1mx4.2/30, mbtmp4.1/24, ML3.6/3, MS3.5/7, Ms1 3.5/7, ms1mx3.3/32, Error ellipse: s-maj=16.0km s-min=12.2km az=52.0
MOS 22 17:37:27.7, 1.5, 5651N-12289E, h10km, mb4.5/21, Error ellipse: s-maj=10.5km s-min=8.4km az=94.9

MOS Felt (II-III) at Chil'chi, Lopcha.
ISCJB 22 17:37:28.7, 1.0, 5643N-12292E, h19km, 8km, mb4.2/40, MS3.9/6, Error ellipse: s-maj=7.4km

NEIC 22 17:37:28.6, 0.2, 5638N-12282E, h10km, mb4.5/11, Error ellipse: s-maj=6.6km s-min=5.9km az=102.0
NEIC Felt (III) at Chil'chi and Lopcha.
BUJ 22 17:37:32.2, 5592N-12273E, h5km, mb4.6, mb4.3, ML5.2, Ms4.4, Ms24.0

ISC 22 17:37:28.7, 1.0, 5646N-12300E, h8km, 7km, h10km, 5km; p-P, n121, r1524/122, mb4.2/40, MS3.9/6, 5C-6D, Southeastern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CLNS Chul'man, CLNS Chul'man, etc.

YAK Yakutsk 6.55 29 eP Pn 17 39 05.6 +0.3
YAK Yakutsk 6.55 29 eP Pn 17 40 17.6

YAK Yakutsk 6.55 29 eP Pn 17 39 05.6 +0.3
YAK Yakutsk 6.55 29 eP Pn 17 40 17.6

YAK Yakutsk 6.55 29 eP Pn 17 39 05.6 +0.3
YAK Yakutsk 6.55 29 eP Pn 17 40 17.6

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

MA2 Magadan 14.99 66 eP Pn 17 41 06.3 +5.5
MA2 Magadan 14.99 66 eP Pn 17 43 45.7 -1.3

MA2 Magadan 14.99 66 eP Pn 17 41 06.3 +5.5
MA2 Magadan 14.99 66 eP Pn 17 43 45.7 -1.3

MA2 Magadan 14.99 66 eP Pn 17 41 06.3 +5.5
MA2 Magadan 14.99 66 eP Pn 17 43 45.7 -1.3

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

YSS Yuzh-Sakhalins 15.46 120 P Pn 17 41 12.5 +5.5
YSS Yuzh-Sakhalins 15.46 120 P Pn 17 41 12.5 +5.5

YSS Yuzh-Sakhalins 15.46 120 P Pn 17 41 12.5 +5.5
YSS Yuzh-Sakhalins 15.46 120 P Pn 17 41 12.5 +5.5

YSS Yuzh-Sakhalins 15.46 120 P Pn 17 41 12.5 +5.5
YSS Yuzh-Sakhalins 15.46 120 P Pn 17 41 12.5 +5.5

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

BILL	comp=Z,16nm,1.3s,mb4.3	22.67	42	eP	P	17 42 30.9	+0.5
LZH	comp=Z,15nm,0.8s,mb4.5						
GTA	Gaotai	22.89	232	eP	P	17 42 33.3	+0.6
GTA				AP		17 42 38.3	
GTA				XP	sP	17 42 42.3	+6.3
GTA				S	S	17 46 28.4	-1.4
GTA				AMB	AMB		
GTA	comp=Z,8.0nm,1.4s,mb4.0						
GTA	comp=Z,92nm,3.8s			AMB	AMB		
GTA	comp=N,411nm,12.6s,MS4.3			LR	LR		
GTA	comp=E,567nm,11.8s,MS4.3			LR	LR		
GTA	comp=Z,272nm,8.7s			LR	LR		
LZH	Lanzhou	24.15	221	eP	P	17 42 47.3	+2.2
LZH				AP		17 42 50.6	
LZH				XP	sP	17 42 51.5	+3.0
LZH				AMB	AMB		
LZH	comp=Z,29nm,1.3s,mb4.5						
LZH	comp=Z,97nm,4.1s			AMB	AMB		
LZH	comp=E,472nm,10.3s			LR	LR		
LZH	comp=Z,851nm,13.5s,MS4.4			LR	LR		
LZH	Lanzhou	24.15	221	eP	P	17 42 47.2	+2.1
LZH				*PP		17 42 50.5	
LZH				*SP	sP	17 42 51.6	+3.0
LZH				*SS	sS	17 46 27.3	-4.0
LZH				pmax	pmax		
LZH	comp=Z,29nm,1.3s,mb4.5			MLR	MLR		
LZH	comp=Z,850nm,13.5s,MS4.4						
LZH	Lanzhou	24.15	221	eP	P	17 42 47.2	+2.1
LZH	comp=Z,29nm,1.3s,mb4.5						
LZH				pP		17 42 50.5	
LZH				sP	sP	17 42 51.6	+3.0
LZH				PP		17 43 05.8	
LZH				eS	sS	17 46 22.0	-4.1
LZH				sS	sS	17 46 27.3	-4.0
LZH				SS	SS	17 46 48.5	
LZH				LR	LR		
WMQ	comp=Z,850nm,13.5s,MS4.4						
WMQ	Urumqi	25.60	255	P	P	17 43 04.4	+6.0
WMQ				AMB	AMB		
JHU	comp=Z,5.0nm,1.5s,mb3.8						
JHU	Hachioji jima 2	26.06	147	LR	LR	17 54 23.2	
JHU	comp=Z,911nm,19.6s,MS3.3,baz=62,slow=39						
KURK	Kurchatov	26.58	276	eP	P	17 43 08.1	+0.9
MKAR	Makanchi Array	26.69	266	eP	P	17 43 06.2	-2.0
MKAR	comp=Z,0.8nm,0.8s,mb3.3,baz=38,slow=7.3,SNR=3.2			LR	LR	17 54 01.5	
MKAR	comp=Z,194nm,18.9s,MS3.7,baz=236,slow=38						
MKAR	Makanchi Array	26.69	266	iP	P	17 43 10.8	+2.6
BVAR	Borovoye Array	29.94	286	P	P	17 43 35.5	-1.8
BVAR	comp=Z,1.7nm,0.7s,mb3.9,baz=59,slow=8.8,SNR=10.0						
BVAR	Borovoye Array	29.94	286	P	P	17 43 35.5	-1.7
BVAR	comp=Z,2.0nm,0.7s						
AAK	Ala-Archa	33.62	267	iP	P	17 44 11.4	+1.9
AAK	comp=Z,2.0nm,1.0s,mb4.0						
AKTK	Aktyubinsk	37.85	289	P	P	17 44 42.5	-3.4
AKTK	Aktyubinsk	37.85	289	P	P	17 44 42.5	-3.4
AKTO	comp=Z,0.9nm,0.6s,mb3.7,baz=345,slow=16,SNR=2.7						
AKTO	Aktyubinsk	37.85	289	P	P	17 44 42.5	-3.3
AKTO	comp=Z,1.0nm,0.6s,mb3.7						
IMA2	Indian Mountain	38.20	41	eP	P	17 44 47.5	-1.3
GUN	Gumbak	38.93	238	eP	P	17 44 55.3	+1.2
GUN	comp=Z,12nm,0.9s,mb4.6						
JIRN	Jiri	38.90	238	eP	P	17 44 54.5	-0.1
JIRN	comp=Z,5.2nm,0.6s,mb4.4						
KKN	Kakan	39.22	239	eP	P	17 44 57.8	+0.5
KKN	comp=Z,13nm,0.8s,mb4.7						
GKN	Gorkha	39.34	240	eP	P	17 44 59.1	+0.7
GKN	comp=Z,27nm,1.0s,mb5.0						
DMN	Daman	39.45	239	eP	P	17 45 00.0	+0.7
DMN	comp=Z,1.7nm,0.2s,mb4.1,baz=321,slow=8.2,SNR=9.6						
KOLN	Koldanda	40.04	241	eP	P	17 45 04.9	+0.7
KOLN	comp=Z,24nm,1.6s,mb4.7						
KLMR	Klimovskoe	40.87	312	eP	P	17 45 09.5	-1.6
COLA	College	40.91	41	iP	P	17 45 12.4	+1.0
COLA	College	40.91	41	P	P	17 45 09.5	-1.9
COLA	comp=Z,5.6nm,0.8s,mb4.2						
ARCES	ARCCESS Array B	41.13	328	P	P	17 45 12.9	-0.3
ARCES	ARCCESS Array B	41.13	328	P	P	17 45 12.9	-0.3
ARCES	comp=Z,3.2nm,0.8s,mb4.0,baz=54,slow=9.1,SNR=3.0						
ARCES	ARCCESS Array B	41.13	328	P	P	17 45 12.9	-0.3
ARCES	comp=Z,3.0nm,0.8s						
SML	Sawmill	42.43	45	eP	P	17 45 23.9	+0.1
INK	Inuvik	43.61	32	eP	P	17 45 33.9	+0.5
INK	comp=Z,2.6nm,0.6s,mb4.1,baz=321,slow=8.2,SNR=9.6						
INK	Inuvik	43.61	32	P	P	17 45 33.9	+0.5
INK	comp=Z,3.0nm,0.6s						
INK	Inuvik	43.61	32	eP	P	17 45 29.4	-4.0
INK	comp=Z,1.68nm,0.9s						
OBN	Obninsk	45.52	307	eP	P	17 45 48.8	+0.2
OBN	comp=Z,37nm,2.0s,mb5.0						
FINES	FINESS Array B	45.78	318	P	P	17 45 49.9	-0.9
FINES	FINESS Array B	45.78	318	P	P	17 45 49.9	-0.8
FINES	comp=Z,3.4nm,0.7s,mb4.4,baz=54,slow=9.5,SNR=12						
FINES	FINESS Array B	45.78	318	P	P	17 45 49.9	-0.8
FINES	comp=Z,3.0nm,0.7s						
JMIC	Jan Mayen	48.29	341	P	P	17 46 08.9	-1.5
JMIC	comp=Z,54nm,0.4s,baz=203,slow=13,SNR=2.0						
KIV	Kislovodsk	50.00	292	eP	P	17 46 25.5	+2.1
KIV	comp=Z,13nm,1.0s,mb4.9						
HFS	Hagfors	51.08	323	P	P	17 46 30.2	-1.3
HFS	Hagfors	51.08	323	P	P	17 46 30.2	-1.3
HFS	comp=Z,3.8nm,0.5s,mb4.6,baz=75,slow=7.6,SNR=6.4						
HFS	Hagfors	51.08	323	P	P	17 46 30.2	-1.3
HFS	comp=Z,4.0nm,0.5s						
NB2	NORSAR Subarray	51.22	325	P	P	17 46 31.3	-1.3
NB2	NORSAR Array B	51.22	325	P	P	17 46 31.4	-1.2
NOA	NORSAR Array B	51.22	325	P	P	17 46 31.4	-1.2
NOA	comp=Z,4.0nm,0.8s,mb4.4,baz=41,slow=7.1,SNR=7.6						
NOA	NORSAR Array B	51.22	325	P	P	17 46 31.4	-1.2
NOA	comp=Z,4.0nm,0.8s						
AKASG	Malin Array Be	51.78	306	P	P	17 46 35.4	-1.4
AKASG	Malin Array Be	51.78	306	P	P	17 46 38.5	+1.7
AKASG	comp=Z,3.9nm,0.6s,mb4.5,baz=41,slow=8.4,SNR=16						
AKASG	Malin Array Be	51.78	306	P	P	17 46 38.5	+1.7
AKASG	comp=Z,4.0nm,0.6s						
YKA	Yellowknife Ar	53.23	29	P	P	17 46 47.0	-0.6
YKA	Yellowknife Ar	53.23	29	P	P	17 46 47.0	-0.6
YKA	comp=Z,4.1nm,0.7s,mb4.5,baz=329,slow=6.7,SNR=26						
YKA	Yellowknife Ar	53.23	29	P	P	17 46 47.0	-0.6
YKA	comp=Z,4.0nm,0.7s						
YKA	Yellowknife Ar	53.23	29	P	P	17 46 47.0	-0.6
YKA	Bucovina Array	55.49	312	iP	P	17 47 20.2	+1.9
BURAR	Moravsky Berou	57.49	312	iP	P	17 47 18.7	+0.1
MORC	Dobruska-Polom	57.54	313	iP	P	17 47 21.5	+0.3
DPC	Upice	57.55	314	eP	P	17 47 18.4	-0.3
UPC	Upice	57.55	314	eP	P	17 47 21.4	+0.2
UPC	Upice	57.55	314	eP	P	17 47 18.4	-0.3
UPC	Upice	57.55	314	eP	P	17 47 21.4	+0.2
UPC	Upice	57.55	314	eP	P	17 47 21.9	+3.1
UPC	Upice	57.55	314	eP	P	17 47 19.2	-0.5
DRTR	keskin Array B	57.70	294	P	P	17 47 22.7	+2.9
BRTR	keskin Array B	57.70	294	P	P	17 47 22.7	+2.9
BRTR	comp=Z,1.0nm,0.7s						
BRTR	Bergjesshubel	58.08	315	iP	P	17 47 24.8	+2.4
BRG	Bergjesshubel	58.08	315	iP	P	17 47 24.8	+2.4
BRG	comp=Z,3.8nm,1.1s,mb4.3						
BRG	Bergjesshubel	58.08	315	iP	P	17 47 24.8	+2.4
BRG	comp=Z,4.0nm,1.1s,mb4.4						
CLL	Collim	58.10	316	iP	P	17 47 21.5	-1.1
CLL	Collim	58.10	316	iP	P	17 47 21.5	-1.1
CLL	comp=Z,2.0nm,1.3s,mb4.0						
CLL	Collim	58.10	316	iP	P	17 47 21.5	-1.1
CLL	comp=Z,1.0nm,1.3s,mb4.7						
CLL	Collim	58.10	316	iP	P	17 47 24.2	-0.9
CLL	comp=Z,1.1nm,1.1s						
PVCC	Panska Ves	58.10	315	eP	P	17 47 22.2	-0.4

PVCC	Trest	58.71	313	eP	P	17 47 24.9	-0.3
TREC	Buzias	58.96	307	iP	P	17 47 26.0	-0.8
BZS	Kasperske Hory	59.60	314	eP	P	17 47 32.1	-0.9
KHC	GERESS Array B	59.78	314	eP	P	17 47 35.9	+0.3
GERES	comp=Z,2.2nm,0.7s,mb4.3,baz=40,slow=7.1,SNR=16						
GERES	GERESS Array B	59.78	314	P	P	17 47 33.1	-1.1
GERES	comp=Z,2.0nm,0.7s						
GRA1	Grafenberg Arr	60.08	316	eP	P	17 47 35.8	-0.5
GRA1	Grafenberg Arr	60.08	316	eP	P	17 47 35.8	-0.5
GRA1	comp=Z,5.0nm,1.0s,mb4.5						
GRF	Grafenberg Arr	60.08	316	eP	P	17 47 38.8	-0.1
GRF	Grafenberg Arr	60.08	316	eP	P	17 47 35.8	-0.5
GRF	Grafenberg Arr	60.08	316	eP	P	17 47 35.8	-0.5
GRF	Grafenberg Arr	60.08	316	eP	P	17 47 38.8	-0.1
GRF	Grafenberg Arr	60.08	316	eP	P	17 47 35.8	-0.5
GRF	Grafenberg Arr	60.08	316	eP	P	17 47 38.8	-0.1
CHMT	Chamberlain Mo	66.79	38	eP	P	17 48 21.6	+0.9
MCMT	McKenzie Canyon	68.74	39	eP	P	17 48 34.4	+1.4
PDAR	Pinedale Array	71.69	38	P	P	17 48 51.5	+0.5
PDAR	comp=Z,0.5nm,0.6s,mb3.6,baz=22,slow=3.3,SNR=5.9						
NVAR	Mina Array Bea	72.21	46	P	P	17 48 55.9	+1.7
NVAR	Mina Array Bea	72.21	46	P	P	17 48 55.9	+1.7
NVAR	comp=Z,4.0nm,0.7s,mb4.5,baz=325,slow=4.4,SNR=4.8						
NVAR	Mina Array Bea	72.21	46	P	P	17 48 55.9	+1.7
NLU	North Lily Min	73.28	41	eP	P	17 49 01.8	+1.2
ESDC	Sonsea Array	74.25	320	P	P	17 49 06.9	+0.6
ESDC	comp=Z,2.0nm,0.4s,mb3.4,baz=20,slow=7.1,SNR=4.2						
FTZ	Fitzroy Crossi	74.31	177	P	P	17 49 05.5	-1.1
FTZ	comp=Z,3.5nm,0.8s,mb4.3,baz=310,slow=15,SNR=5.7						
MSU	Marysvale	74.51	42	eP	P	17 49 09.0	+1.3
WRA	Warramunga Arr	76.70	169	P	P	17 49 19.1	-1.2
WRA	Warramunga Arr	76.70	169	P	P	17 49 19.1	-1.2
WRA	comp=Z,2.0nm,0.7s,mb4.5,baz=352,slow=6.6,SNR=45						
WRA	Warramunga Arr	76.70	169	P	P	17 49 19.1	-1.2
WRA	comp=Z,4.0nm,0.7s						
WB2	Warramunga Arr	76.71	169	eP	P	17 49 18.7	-1.6
SDCO	Great Sand Dun	77.56	37	eP	P	17 49 25.2	+0.1
SDCO	comp=Z,3.2nm,1.2s,mb4.1						
ASAR	A						

Table with columns: Station Name, Frequency, Band, Mode, and Time. Includes stations like CRES Cresnjev, GOLG Golise, and various other locations.

Table with columns: Station Name, Frequency, Band, Mode, and Time. Includes stations like SEV comp=E,1.0nm,0.4s, PGF Pioggia, and various other locations.

Table with columns: Station Name, Frequency, Band, Mode, and Time. Includes stations like ASAR comp=Z,1.0nm,0.6s, STKA Stephens Creek, and various other locations.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TXIX, AKASG, NPS, MA2, SKR, VRI, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like LSZ, FNA, Florina, Kalwaria, KWP, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like VRAC, DPC, KSP, CONA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MAW, Mawson, and various others.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SSW, EPF, and various others.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ECR, ECRIP, and various others.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like 007A Schurz, M13A Montello, R06C Coleville, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like HEC Hector Ludlow, SMC0 Snowmass, S01A State Center, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like LPA LPA, MTP Monte Pirata, TROA Torquist, etc.

ISCJB 22:00:7.0.7, 3641N.004:14049E.007, h103km, 5km, mb3.2/2, Error ellipse: s-maj=9.3km s-min=5.5km az=42.9

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, Time, and Residual. Includes stations like JHO Hitachi, JYT Yasato, etc.

comp=Z,0.3nm,0.5s,mb3.5,baz=278,slow=3.2,SNR=8.4

ISCJB 22:20:24:58.0,0.3,35.12N,002:3398E,003,h35km,7km, Error ellipse: s-maj=3.7km s-min=3.6km az=100.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like El Cayaco, Acapulco, Mezcala, Platanillo.

NIC 22:20:24:59.7,0.3,35.29N:3385E,h35km,ML3.3,MW3.3 NSSC 22:20:25:00,35.10N:3407E,h40km

ISCJB 22:21:11:42.7,0.9,44.50N:006:14828E,010,h70km,7km, mb4.0/10, Error ellipse: s-maj=13.0km s-min=6.7km az=70.9

Code Station Name Az Az' Phase ID Time Res ISC

SKHL 22:21:11:42.6:1.1,44.50N:14840E,h63km,16km,mb4.4/3 MOS 22:21:11:42.4:1.1,44.69N:14832E,h75km,mb4.2/2, Error ellipse: s-maj=19.6km s-min=18.8km az=149.8

PHNC Paralimni 0.14 164 Op Pn 20 25 07.6 +0.4

JMA 22:21:11:42.0:0.3,44.07N:14819E,h0km,ML4.3 IDC 22:21:11:45.5:5.6,44.67N:14833E,h82km,48km,mb3.3/6, mb1.3,6/7,mb1mx3.3/2,mbtrp3.3/7,ML3.6/1, Error ellipse: s-maj=40.3km s-min=23.1km az=85.2

PHNC Paralimni 0.14 164 Op Pn 20 25 07.6 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

CSS Prodhromos 0.56 252 P Pn 20 25 10.3 -1.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Kuril'sk, comp=N,540nm,0.8s, comp=E,430nm,0.8s, comp=Z,970nm,0.8s, comp=N,540nm,0.5s, comp=E,430nm,0.5s, comp=N,11um,2.0s, comp=E,8um,2.0s, Kuril'sk, comp=E,2um,1.0s, comp=N,540nm,0.8s, comp=E,430nm,0.8s, comp=N,540nm,0.5s, comp=E,4um,0.5s, comp=N,11um,2.0s, comp=E,8um,2.0s, Kuril'sk, comp=E,2um,1.0s, comp=N,540nm,0.8s, comp=E,430nm,0.8s, comp=N,540nm,0.5s, comp=E,4um,0.5s, comp=N,11um,2.0s, comp=E,8um,2.0s, Yuzh-Kuril'sk, comp=Z,170nm,0.4s, comp=N,2um,1.0s, comp=E,2um,0.8s, comp=N,2um,0.4s, comp=E,1um,0.4s, Yuzh-Kuril'sk, comp=N,170nm,0.4s, comp=E,2um,1.0s, comp=E,2um,1.0s, comp=E,2um,0.4s, YUK, Nemuro 2, JRA, Rausu, JNK, Nakash, JAK, Akkeshi, JAK, Ashiro-Toko, JAR, Ashorobuto, JAR, Kamakawa 2, JCH, Churui, JSE, Soyas, ASAJ, Asahikawa, comp=E,2.5nm,0.3s,baz=54,slow=18,SNR=2.5, ASAJ, comp=E,0.7nm,0.3s,baz=44,slow=33,SNR=3.6, JFR, Furan, JER, Erimo, YSS, Yuzh-Sakhalins, YSS, comp=Z,20nm,0.6s, YSS, comp=N,20nm,0.7s, Yuzh-Sakhalins, YSS, comp=N,20nm,0.6s, YSS, comp=N,20nm,0.7s, JNBK, Urakawa-nobuka, JWKC, Keihoku, JKB, Kayabe, JKB, Ohata, JANG, Nango, JNK, Makanchi Array, JIRN, Jiri, JIRN, Girma, JIRN, Gumba, GUN, Gumba, KKN, Kakani, KKN, Kakani, DNN, Danan, GKN, Gorkha, GKN, Gorkha, KOLN, Koldanda, KOLN, Koldanda, FINES, FINES Array B, FINES, FINES Array B, WRA, Warramunga Arr, WRA, Warramunga Arr, WRA, Warramunga Arr, ASAR, Alice Springs, NOA, NORSAR Array B, TXAR, Lajitas Array

MAMM Mammari 0.63 274 P S 20 25 11.3 -0.9

SKHL 22:21:11:42.6:1.1,44.50N:14840E,h63km,16km,mb4.4/3 MOS 22:21:11:42.4:1.1,44.69N:14832E,h75km,mb4.2/2, Error ellipse: s-maj=19.6km s-min=18.8km az=149.8

PHNC Paralimni 0.14 164 Op Pn 20 25 07.6 +0.4

JMA 22:21:11:42.0:0.3,44.07N:14819E,h0km,ML4.3 IDC 22:21:11:45.5:5.6,44.67N:14833E,h82km,48km,mb3.3/6, mb1.3,6/7,mb1mx3.3/2,mbtrp3.3/7,ML3.6/1, Error ellipse: s-maj=40.3km s-min=23.1km az=85.2

CSS Prodhromos 0.56 252 P Pn 20 25 10.3 -1.0

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ALFC Alevga 1.14 272 Op Pn 20 25 17.6 -1.3

JMA 22:21:11:42.0:0.3,44.07N:14819E,h0km,ML4.3 IDC 22:21:11:45.5:5.6,44.67N:14833E,h82km,48km,mb3.3/6, mb1.3,6/7,mb1mx3.3/2,mbtrp3.3/7,ML3.6/1, Error ellipse: s-maj=40.3km s-min=23.1km az=85.2

ALFC Alevga 1.14 272 Op Pn 20 25 17.6 -1.3

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

AKMC Akamas 1.36 266 P Pn 20 25 22.1 +0.2

JMA 22:21:11:42.0:0.3,44.07N:14819E,h0km,ML4.3 IDC 22:21:11:45.5:5.6,44.67N:14833E,h82km,48km,mb3.3/6, mb1.3,6/7,mb1mx3.3/2,mbtrp3.3/7,ML3.6/1, Error ellipse: s-maj=40.3km s-min=23.1km az=85.2

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ARNB Al Arnab 1.77 65 Op Pn 20 25 28.0 +0.4

ISC 22:21:11:43.7:1.0,44.61N:00:14831E,010,h61km,7km, n42,-c19.9/57,mb4.0/10,1C-ID, Kuril Islands

ISCJB 22:21:20:14.5,0.8,154S:02:173.1W,02,h10km,mb4.0/7, Error ellipse: s-maj=37.9km s-min=10.1km az=93.4

NEIC 22:21:20:16.4,0.8,154S:02:173.0W,h10km,mb4.2/1, Error ellipse: s-maj=40.1km s-min=13.6km az=136.0

ISC 22:21:20:16.7,0.7,154S:02:173.0W,02,h10km,45km,n14, c1502/13,mb4.0/7,Samoas Islands region

AFI Afiamalu 1.88 39 Op Pn 21 20 48.4 0.0

AFI Alice Springs 50.48 252 P Sn 21 21 10.1 -1.8

AFI comp=Z,637nm,18.1s,baz=76,slow=38 LR 21 21 36.5

URZ Urewera 2.40 199 P Pn 21 25 33.4 -1.1

STKA Stephens Creek 44.38 240 eP Pn 21 28 26.0 -0.6

STKA Warramunga Arr 50.22 257 eP Pn 21 29 11.8 -0.2

WRA Warramunga Arr 50.23 257 P Pn 21 29 12.2 0.0

ASAR Alice Springs 50.48 252 P Pn 21 29 14.1 0.0

TXAR Lajitas Array 80.08 56 P Pn 21 32 28.5 +1.5

TXAR Lajitas Array 80.08 56 P Pn 21 32 40.9 +4.8

PDAR Pinedale Array 82.00 42 P Pn 21 33 16.9 +1.6

YKA Yellowknife Arr 89.93 23 P Pn 21 33 58.8 +3.2

YKA Yellowknife Arr 89.93 23 P Pn 21 33 58.8 +3.2

BRTR Keskin Array B 146.39 321 PKPbc PKPbc 21 40 00.2 +3.2

IDC 22:21:31:49.1,0.6,1337N:125.90E,h0km,mb4.3/16, mb1.4/4/16,mb1mx4.3/22,mbtrp4.3/16,MS4.1/4, Ms1.4.1/4,ms1mx3.9/29, Error ellipse: s-maj=28.5km s-min=12.4km az=80.0

ISCJB 22:21:31:50.2,2.4,1337N:003:125.90E,006,h22km,17km, mb4.5/34,MS4.2/2, Error ellipse: s-maj=9.5km s-min=5.7km az=19.7

BUI 22:21:31:51.1,1.344N:126.25E,h32km,mb5.3,mb4.6 MOS 22:21:31:52.1,1.2,1337N:125.87E,h33km,mb4.9/13, Error ellipse: s-maj=17.8km s-min=8.7km az=107.3

MAN 22:21:31:52.3,1.938N:125.87E,h46.7km,mb4.5,ML5.3,MS4.8 NEIC 22:21:31:55.0,0.3,1337N:125.92E,h40km,mb4.8, Error ellipse: s-maj=16.0km s-min=7.7km az=76.0

ISC 22:21:31:52.1,2.5,1336N:003:125.87E,005,h17km,16km, h29km,5.9km,pp-P,n73,c0947/22,mb4.5/34,MS4.2/2, 3C-7D,Philippine Islands region

CNP Catarman 1.45 235 Op Pn 21 32 35.7 -0.5

CNP Palo 2.35 202 eP Sn 21 32 30.0 +0.1

PLP Ormoc 2.61 208 eP Sn 21 32 32.7 -0.6

MSLP Maasin 3.36 197 eP Sn 21 32 43.7 -0.1

GOP Guisayan 3.38 280 eP Sn 21 33 23.5 -0.4

GOP Roxas 3.54 240 eP Sn 21 32 46.6 -0.4

LLP Lapu-Lapu 3.56 212 eP Sn 21 33 29.2 +1.2

LTA Lunigami 13.59 9 LR LR 21 41 12.8

JUMO Guam 18.48 87 LR LR 21 43 32.6

CBJ Chichilima 20.48 46 LR LR 21 37 07.2 +0.9

KSRS Korea Array 24.06 4 P Pn 21 37 19.1 -0.2

MJAR Matsushiro Arr 25.60 23 Pn 21 37 30.8 +4.2

XAN Xian 25.71 326 P Pn 21 37 47.9 +0.3

XAN Xian 25.71 326 P Pn 21 37 47.9 +0.3

PSI Prapa 28.63 251 P Pn 21 37 59.6 -0.7

LZH Lanzhou 30.07 323 eP Pn 21 38 09.0 +3.4

LZH Lanzhou 30.07 323 eP Pn 21 38 13.2 +5.4

LZH Lanzhou 30.07 323 eP Pn 21 37 59.6 -0.7

LZH Lanzhou

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MK31, MKAR, ZAL, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like CEP, CHCP, THW, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like NEM2, JRA, JNK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like PAYG, JTS, CMIG, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ULM, YKA, YKA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like JHJ, CBIJ, MJAR, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like JIRN, GUN, MK31, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like PSMN, MIRA, FRA1, etc.

Table with columns: PVER, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Pico Vermelho, Pico das Favas, Ribeirinha, etc.

KRSC 22 23:05:07.4±1.1, 5300N, 16278E, h32km, 32km, ML3.6, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SPN, MKZ, NLC, etc.

ISCJB 22 23:29:19.9±2.0, 353S, 02, 1792W-03, h122km, 18km, mb4.3/3, Error ellipse: s-maj=40.6km s-min=22.1km az=61.7

IDC 22 23:29:19.2±8.2, 3463S, 17990W, h15km, 65km, mb4.1/3, mb1.4/4, mb1mx3.9/1th of Kermadec Island, Ms1.3/5, ms1mx3.2/2.0, Error ellipse: s-maj=54.5km s-min=32.2km az=49.0

NEIC 22 23:29:34.1±1.6, 360AS, 17970E, h184km, 11km, mb4.6/2, Error ellipse: s-maj=22.7km s-min=18.2km az=79.0

ISC 22 23:29:22.0±0.3, 349S, 01, 179M-02, h85km, 15km, n101, mb3.9/2/57, mb4.3/3 of Kermadec Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MZ, MXZ, PUK, etc.

Table with columns: WPVZ, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Far West T-bar, Moawhango, Wanganui, etc.

TBI Tubuai 2876 74 eLR LR 00 41 32.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HNR, PAE, PPT, etc.

IDC 22 23:58:07.2±1.3, 1143N, 9101E, h01km, mb3.8/4, mb1.4/1,4, mb1mx3.6/21, mbtmt3.8/4, Error ellipse: s-maj=315.7km s-min=23.4km az=41.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PBA, WRA, ASAR, etc.

CSEM 23 00:18:18.6, 6783N, 2019E, h4km, ML2.7, Mining explosion. After UPP

HEL 23 00:18:19.0±0.0, 6783N, 2019E, h0km, ML2.7 (UPP), Explosion, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KUA, NIKU, LANU, etc.

HARU Harads 1.73 169 P Pn 00 26 25.9 +0.5

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

WEL 23 00:39:31.5±1.2, 3765S, 17690E, h277km, 10km, ML3.5/8, Error ellipse: s-maj=27.6km s-min=15.4km az=90.0, North Island

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

ISCJB 23 01:01:11.7±0.6, 1462N, 005, 9255W-004, h88km, 7km, mb4.0/6, Error ellipse: s-maj=9.5km s-min=5.6km az=58.3

NEIC 23 01:01:11.9±1.1, 1462N, 9232W, h65km, 14km, mb4.5/3, Error ellipse: s-maj=16.9km s-min=9.7km az=62.0

IDC 23 01:01:13.2±1.7, 1479N, 9230W, h17km, 16km, mb3.7/5, mb1.3/9/8, mb1mx3.6/23, mbtmt3.7/8, MS3.3/4, Ms1.3/3,4, ms1mx3.1/24, Error ellipse: s-maj=20.2km s-min=10.8km az=37.0

CASC 23 01:01:16.0±1.6, 1469N, 9251W, h59km, 22km, MD4.3, mb4.5(NEIC)

ISC 23 01:01:12.8±0.6, 1463N, 005, 9251W-004, h81km, 7km, n34, s1508/35, mb4.0/6, 4C-1D, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JAT, FUG, CCG, etc.

Hour ellipse: s-maj=4.6km s-min=3.8km az=166.9

CSEM 23 01:18:29.4 0.1, 3836N-2673E, h15km, MD3.4, Error ellipse: s-maj=2.3km s-min=1.7km az=84.0

ATH 23 01:18:29.9, 3840N-2647E, h5km, MD3.1/2, ML3.7

ISC 23 01:18:30.3 to 4.0, 3838N-2662E, h0.03, h7km, 3km, n67, o=0817/3, 15C-1D, Aegean Sea

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

ISCJB 23 01:53:20.8 to 0.4, 5435S-005:1590E, 0.1, h10km, mb4.8/18, MS4.6/38, Error ellipse: s-maj=9.1km s-min=6.0km az=56.0

IDC 23 01:53:21.1 to 0.6, 5438S-15889E, h0km, mb4.7/9, mb1 4.7/9, mb1mx4.7/12, mbtmpp4.6/9, MS3.8/6, M1 3.8/6, ms1mx3.4/17, Error ellipse: s-maj=27.8km s-min=17.5km az=72.0

NEIC 23 01:53:22.8 to 0.3, 5439S-15887E, h10km, mb5.0/15, MS4.6/34, Error ellipse: s-maj=10.0km s-min=7.5km az=117.0

GCMT 23 01:53:22.8 to 0.3, 5460S-15865E, h2km, 1km, MW5.1/51, Moment Tensor Solution, c30, c36, s51, c73, Duration: 0 Moment tensor: Scale 10^16Nm, Mw=4.9, Mw-0.07: 20; Mw-4.88: 21; Mw-2.16: 41; Mw-0.07: 13; Mw-0.21: 30; Best double couple: Mw: 6.9700x10^16 Np1=16.00000, s36.00000, l120.00000, NP2: 0=160.00000, s59.00000, l70.00000, Principal axes: T 6.0700, Plg68.0000, Azm27.0000, N -0.7470, Plg17.0000, Azm170.0000, P -5.3240, Plg12.0000, Azm264.0000; nst1 refers to body waves, cutoff=40s, nst2 refers to surface waves, cutoff=50s.

MOS 23 01:53:31.3 to 1.8, 5418S-15678E, h33km, mb5.0/5 Error ellipse: s-maj=38.8km s-min=13.5km az=104.5

ISC 23 01:53:22.5 to 0.5, 5441S-06:1594E, 0.10, h10km, (h15km, 8km, pp-P) n166, -0s9359, mb4.8/18, MS4.6/38, 18C-6D, Macquarie Island region

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

Table with columns: C/CTA/CTAO/CTA, Station Name, Az, Phase ID, Time, Res. Lists stations like FORT, CTA, CTAO, etc.

Table with columns: ANMO, Station Name, Az, Phase ID, Time, Res. Lists stations like AAK, MPU, BMO, etc.

Table with columns: ORL, Sg, 02 56 44.9 -6.9, etc. Includes stations like SONGINGO Array, TODZHA, ZALESSO, etc.

IDC 23 03:56:16.8z-2.8, 1054Sx16062E, h116km, 19km, mb3.5/5, mb1.3/7.5, ms1mx3.6/12, mbtp3.6/5, MS3.4/4, Ms1.3/3.4, ms1mx3.2/13, Error ellipse: s-maj=48.7km s-min=23.7km az=124.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like HNR, CTA, WBA, WRA, STKA, etc.

NEIC 23 03:17:27.5, 3783Sx17682E, h11km, ML3.9(WEL), After WEL, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like MARZ, EDJR, LIRZ, MKRZ, etc.

CSEM 23 03:23:20.0z-0.6, 3973Nz2976W, h0km, ML3.1, Error ellipse: s-maj=15.1km s-min=5.3km az=59.0, After PDA

PDA 23 03:23:20.0z-0.6, 3973Nz2976W, h0km, MD3.5, ML3.1, Error ellipse: s-maj=15.1km s-min=5.3km az=59.0

SVSA 23 03:23:20.0z-0.6, 3973Nz2976W, h0km, MD3.5, ML3.1, Error ellipse: s-maj=15.1km s-min=5.3km az=59.0, Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like PCED, CALA, HOR, ROSA, PICO, etc.

ISCJB 23 03:32:47.9z-0.5, 1781Sx006z16795E, h0.09, h10km, mb4.6/21, MS4.0/5, Error ellipse: s-maj=12.0km s-min=8.8km az=16.4

IDC 23 03:32:47.4z-0.8, 1780Sx16806E, h0km, mb4.4/10, mb1.4/5.1, ms1mx4.4/15, mbtp4.4/11, ML4.0/1, MS3.9/8, Ms1.3/9.8, ms1mx3.7/24, Error ellipse: s-maj=29.2km s-min=18.2km az=114.0

BUI 23 03:32:47.0z, 1780Sx16810E, h5km, mb5.3, mb4.9, Ms4.9, Ms2.4

NEIC 23 03:32:48.1z-6.9, 1778Sx16811E, h6km, mb4.9/13, Error ellipse: s-maj=15.8km s-min=10.2km az=59.0

LDG 23 03:32:50.5z-0.2, 1763Sx16741E, h10km, MB5.1/1, Error ellipse: s-maj=4.8km s-min=3.6z-96.0

ISC 23 03:32:49.6z-6.2, 1786Sx007z1681E, h1.01, h13km, 37km, h17km, 5km; p-P, n94, 0888/39, mb4.7/19, MS4.0/5, 4C-2D, Vanuatu Islands

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

Table with columns: DZM, Sn, 03 33 56.5 -0.5, etc. Includes stations like MONT DZUMAC, HNR, ARAO, etc.

KAKA Kakadu 34.75 273 eP P 03 39 38.5 -1.1

TBI Tubuai 39.98 105 eS S 03 46 34.4 +5.3

KSM Kuching 60.03 282 eP P 03 42 56.4 +0.3

QSPA South Pole Qui 72.18 180 eP P 03 44 14.6 +0.4

CHTO Chiang Mai 77.11 295 eP P 03 44 43.1 +0.4

HHC Hu-ho-hao-te 78.48 320 eP P 03 44 53.1 +2.7

MAW Mawson 79.30 202 eP P 03 44 55.3 +0.4

LZH Lanzhou 81.02 312 eP P 03 45 14.0 +0.1

SYO Syowa Base 85.41 314 eP P 03 45 28.8 +0.7

SVSA Palmer Station 85.56 160 eP P 03 45 41.7 -0.4

SVSA Sanae 90.48 183 eP P 03 45 50.4 -0.7

SVSA Sanae 90.48 183 eP P 03 45 50.4 -0.7

SVSA Neumayer Olymp 91.11 181 eP P 03 45 53.9 -0.2

SVSA Neumayer-Watz 91.39 181 eP P 03 45 55.6 +0.3

SVSA Neumayer-Stat 91.68 181 eP P 03 46 00.8 +4.1

SVSA Yellowknife Arr 99.94 27 eP P 03 46 34.4 -0.2

SVSA Aktkyubinsk 116.34 318 PKP PKP P 03 51 32.3 -0.6

SVSA ARCIS ARCIS Array B 123.47 345 PKP PKP P 03 51 45.2 -1.5

SVSA ARCIS ARCIS Array B 123.47 345 PKP PKP P 03 51 45.2 -1.5

SVSA ARCIS ARCIS Array B 123.47 345 PKP PKP P 03 51 45.2 -1.5

SVSA ARCIS ARCIS Array B 123.47 345 PKP PKP P 03 51 45.2 -1.5

SVSA ARCIS ARCIS Array B 123.47 345 PKP PKP P 03 51 45.2 -1.5

SVSA ARCIS ARCIS Array B 123.47 345 PKP PKP P 03 51 45.2 -1.5

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

Table with columns: LPGA, ePKP1, PKPbc, 03 52 36.2 +0.5, etc. Includes stations like Signal de Mont, Bois d'Agland, etc.

ISCJB 23 03:50:49.0z-6.0, 3.5443Nz002z16189E, h0.06, h37km, mb4.1/33, Error ellipse: s-maj=5.0km s-min=2.8km az=46.6

MOS 23 03:50:49.0z-6.0, 5.449Nz16184E, h33km, mb4.4/24, Error ellipse: s-maj=12.7km s-min=6.2km az=89.1

IDC 23 03:50:51.0z-4.0, 5.461Nz16126E, h37km, 4km, mb3.7/18, mb1.3/9.19, ms1mx3.8/28, mbtp3.7/19, ML3.9/1, Error ellipse: s-maj=19.2km s-min=14.4km az=155.0

KRSC 23 03:50:52.0z-6.0, 5.451Nz16149E, h37km, 26km, ML4.5, NEIC 23 03:50:59.1z-1.5, 5.461Nz16142E, h103km, 13km, mb4.2/15, Error ellipse: s-maj=11.0km s-min=8.6km az=154.0

ISC 23 03:50:51.0z-0.3, 5445Nz002z16182E, h0.06, h39km, h39km, 8km; p-P, n115, 1129/132, mb4.1/33, 5C-2D, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like MYZ, KIL, KMN, etc.

PET comp=Z,100nm,0.4s pmax pmax

PET comp=Z,211nm,0.3s smax

PET comp=N,600nm,0.4s smax

PET comp=N,2um,0.4s smax

PET comp=E,1um,0.4s MLR MLR

PET comp=Z,200nm,15.0s Petropavlovsk 2.36 234 eP Pn 03 51 28.7 +1.4

PET comp=Z,2.1nm,1.1s, 1.8z-272, slow=7.8, SNR=13 13.80 7 eP Pn 03 51 25.1 +0.1

PET comp=Z,1.6nm,2.5s 13.80 7 eP Pn 03 51 10.9 +6.9

PET comp=Z,2.1nm,1.1s, 1.8z-272, slow=7.8, SNR=13 13.80 7 eP Pn 03 51 25.1 +0.1

PET comp=Z,2.1nm,1.1s, 1.8z-272, slow=7.8, SNR=13 13.80 7 eP Pn 03 51 25.1 +0.1

PET comp=Z,2.1nm,1.1s, 1.8z-272, slow=7.8, SNR=13 13.80 7 eP Pn 03 51 25.1 +0.1

PET comp=Z,2.1nm,1.1s, 1.8z-272, slow=7.8, SNR=13 13.80 7 eP Pn 03 51 25.1 +0.1

PET comp=Z,2.1nm,1.1s, 1.8z-272, slow=7.8, SNR=13 13.80 7 eP Pn 03 51 25.1 +0.1

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IBAV Isla La Blanqu, GURV El Guri, etc.

NEIC 23 06:49:57.0, 3786N.12224W, h10km, MW3.6(BRK), After NCECD., Central California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SAC San Andreas, MCMC Marconi Confer, etc.

ISCJB 23 07:02:19.1±0.8, 60.14S:009.183W, 0.3, h10km, mb3.9/6, MS4.2/2, Error ellipse: s-maj=22.5km s-min=11.1km az=139.6

IDC 23 07:02:19.0±0.8, 59.93S:184.2W, h0km, mb3.9/5, mb1 4.1/6, mb1mx4.0/15, mbtmp4.0/6, ML4.5/1, MS4.1/2, ML7.1/2, ms1mx3.7/8, Error ellipse: s-maj=28.7km s-min=24.7km az=38.0

NEIC 23 07:02:20.4±0.7, 59.98S:183.8W, h10km, mb4.7/1, Error ellipse: s-maj=24.8km s-min=16.4km az=70.0

ISC 23 07:02:20.9±0.8, 60.00S:009.183W, 0.3, h10km, n20, 0593/14, mb3.9/6, MS4.2/2, East of South Sandwich Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, etc.

ISCJB 23 07:03:28.7±0.7, 60.11S:008.187W, 0.3, h10km, mb4.0/7, MS3.9/3, Error ellipse: s-maj=18.7km s-min=10.6km az=153.2

IDC 23 07:03:28.6±0.8, 59.95S:188.5W, h0km, mb4.0/6, mb1 4.1/7, mb1mx4.0/15, mbtmp4.1/7, ML4.2/1, MS3.8/4, Ms1 3.8/4, ms1mx3.7/7, Error ellipse: s-maj=25.5km s-min=23.7km az=12.0

NEIC 23 07:03:30.2±0.6, 60.01S:187.3W, h10km, mb4.8/1, Error ellipse: s-maj=18.2km s-min=14.1km az=76.0

ISC 23 07:03:30.4±0.7, 60.06S:008.187W, 0.3, h10km, n21, 0594/13, mb4.0/7, MS3.9/3, East of South Sandwich Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YKA Yellowknife Arr, SOMM Songoing Array, etc.

ISCJB 23 07:05:26.0±2.0, 35N:02.1226E, 0.3, h560km, 30km, mb4.2/2, Error ellipse: s-maj=61.7km s-min=18.4km az=116.3

IDC 23 07:05:26.9±2.8, 35.2N:122.76E, h547km, 32km, mb3.3/4, mb1 3.5/4, mb1mx3.0/19, mbtmp3.3/4, Error ellipse: s-maj=94.5km s-min=17.0km az=64.0

NEIC 23 07:05:26.9±0.9, 34.2N:122.93E, h550km, mb4.8/3, Error ellipse: s-maj=38.9km s-min=11.9km az=54.0

ISC 23 07:05:27.1±2.1, 34N:02.1226E, 0.4, h551km, 29km, n10, 0559/10, mb4.2/6, Celebes Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KKM Kota Kinabalu, KAKA Kakadu, etc.

IDC 23 07:07:43.6±28.0, 2141N-14298E, h444km, 335km, mb3.0/4, mb1 3.1/4, mb1mx2.7/21, mbtmp3.0/4, MS3.8/1, Ms1 3.8/1, ms1mx2.8/7, Error ellipse: s-maj=73.4km s-min=38.2km az=40.0, Mariana Islands region

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

NEIC 23 07:35:31.3, 44.83S:167.65E, h84km, ML3.8(WEL), After WEL

WEL 23 07:35:31.4±0.2, 44.83S:167.64E, h83km, 1km, ML3.7/12, 2C-2D, Error ellipse: s-maj=1.4km s-min=0.8km az=90.0, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSZ Milford Sound, MLZ Mavora Lakes, etc.

IDC 23 07:37:37.1±1.7, 54.6N-121.60E, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.6/20, mbtmp3.7/3, MS3.3/1, Ms1 3.3/1, ms1mx2.9/30, Error ellipse: s-maj=53.2km s-min=22.6km az=32.0, Celebes Sea

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

IDC 23 07:48:10.8±1.2, 47.09N:152.63E, h0km, mb3.7/6, mb1 3.9/6, mb1mx3.5/24, mbtmp3.7/6, MS3.6/3, Ms1 3.6/3, ms1mx3.1/34, Error ellipse: s-maj=42.0km s-min=30.2km az=114.0

ISCJB 23 07:48:16.3±3.6, 47.1N:02.1526E, 0.4, h51km, 29km, mb3.6/6, MS4.2/2, Error ellipse: s-maj=44.5km s-min=31.5km az=50.9

MOS 23 07:48:16.5±0.6, 47.13N:152.57E, h54km, mb3.9/4, Error ellipse: s-maj=77.4km s-min=22.9km az=72.5

ISC 23 07:48:18.4±3.4, 47.2N:02.1526E, 0.4, h57km, 27km, n13, 0537/10, mb3.6/6, MS4.2/2, Kuril Islands

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

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

IDC 23 07:54:15.7±2.2, 22.99N-142.06E, h0km, mb3.7/5, mb1 3.9/6, mb1mx3.6/22, mbtmp3.8/6, ML4.3/1, Error ellipse: s-maj=88.6km s-min=20.1km az=83.0, Volcano Islands region

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

ISCJB 23 08:11:59.0±2.3, 46.76N:007.15482E, 0.08, h17km, 16km, mb4.3/37, MS3.7/6, Error ellipse: s-maj=13.7km s-min=7.4km az=120.3

NEIC 23 08:11:59.2±0.5, 46.61N:154.93E, h10km, mb4.7/11, Error ellipse: s-maj=12.2km s-min=7.7km az=147.0

BJJ 23 08:12:00.5, 46.99N:154.38E, h10km, mb4.7, mb4.3, MOS 23 08:12:01.2±1.2, 46.68N:154.23E, h38km, mb4.5/27, Error ellipse: s-maj=10.7km s-min=7.9km az=103.3

SKHL 23 08:12:02.0±0.9, 45.80N:155.00E, h142km, 8km, mb4.8/2, msha5.8/1

IDC 23 08:12:05.0±3.8, 46.55N:154.88E, h56km, 35km, mb3.9/21, mb1 4.1/23, mb1mx4.0/25, mbtmp3.9/23, ML3.8/2, MS3.5/6, Ms1 3.5/6, ms1mx3.3/25, Error ellipse: s-maj=17.0km s-min=13.6km az=161.0

SZGRF 23 08:12:05.2, 46.33N:153.25E, h33km, mb4.2, Kuril Islands, Russia

ISC 23 08:12:01.2±3.2, 46.75N:007.15486E, 0.08, h27km, 16km, h17km, 4.5km, pP-P, m98, r19159, mb4.3/37, MS3.7/6, 2C-2D, East of Kuril Islands

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

ASAJ Asahikawa 9.02 257 P P 08 14 12.1 +1.6

ASAJ Korea Arr 2.1, 2nm, 0.3s, baz=96, slow=24, SNR=8.6 LR P 08 18 27.2

ERM Erimo 9.62 245 ePN Pn 08 14 17.1 -1.7

MA2 Magadan 13.08 351 ePN Pn 08 15 08.8 +2.5

KLK Kuril'sk 15.66 288 eP Pn 08 15 48.8 +0.6

MJAR Matsushiro Arr 16.06 237 P Pn 08 15 46.6 +0.6

CHU Chul'man 20.94 310 eP P 08 16 41.1 -1.6

CLNS comp=Z, 8.0nm, 1.0s pmax pmax

CLNS comp=N, 4.0nm, 0.9s pmax pmax

CLNS comp=E, 10.0nm, 1.1s MLR MLR

CLNS comp=Z, 200nm, 11.0s, MS3.8 MLR MLR

CLNS comp=N, 100nm, 12.0s, MS4.5 MLR MLR

CLNS comp=E, 1um, 13.0s, MS4.5 MLR MLR

YAK Yakutsk 20.98 326 eP P 08 16 45.9 +2.7

YAK comp=Z, 15nm, 0.6s 21.95 255 P P 08 16 55.1 +1.6

KSR Korea Arr 2.3, 8nm, 0.7s, mb3.9, baz=54, slow=11, SNR=9.4 LR LR 08 25 41.1

BILL Biilbino 22.14 11 P P 08 16 54.0 -1.6

BILL comp=Z, 17nm, 1.0s, mb4.4 22.14 11 eP P 08 16 55.5 -0.1

BOD Bodaibo 26.92 309 eP P 08 17 37.4 -3.5

TIXI Tiksi 27.82 343 i P P 08 17 47.5 -1.5

TIXI comp=Z, 11nm, 1.2s, mb4.4 27.82 343 eP P 08 17 47.7 -1.3

SONM Songoing Array 32.47 290 P P 08 18 28.8 -1.3

SONM comp=Z, 2.0nm, 0.6s, mb3.5, baz=70, slow=7.6, SNR=4.9 LR 08 31 40.6

ZAK Zakamensk 33.77 296 i P P 08 18 40.4 -1.1

WHN Wuhuan 35.10 257 i P P 08 18 53.1 +0.1

LZH Lanzhou 39.09 273 eP P 08 19 34.5 -0.6

LZH comp=Z, 20nm, 1.0s, mb4.8 39.09 273 eP P 08 19 27.5 +0.6

LZH comp=Z, 2.0nm, 1.0s, mb4.8 39.09 273 eP P 08 19 27.5 +0.6

LZH comp=Z, 2.0nm, 0.8s 41.01 33 P P 08 19 34.5 -0.6

GTA Gaotai 40.16 280 P P 08 19 36.8 +0.8

GTA comp=Z, 2.0nm, 0.8s, mb4.4 40.16 280 P P 08 19 40.8 -3.2

GTA comp=Z, 2.0nm, 0.8s, mb4.4 40.16 280 P P 08 19 42.6 -4.5

INK Inuvik 41.01 33 P P 08 19 43.4 +0.6

INK comp=Z, 1.8nm, 0.8s, mb3.8, baz=280, slow=6.7, SNR=10.0 P P 08 19 43.4 +0.6

INK comp=Z, 2.0nm, 0.8s 41.01 33 pmax pmax

INK comp=Z, 2.0nm, 0.8s 41.01 33 eP P 08 19 43.0 +0.2

GYA Guiyang 42.89 259 P P 08 19 58.3 +0.1

GYA comp=Z, 1.0nm, 0.8s, mb4.0 42.89 259 P P 08 19 58.3 +0.1

ZAL Zalesovo 43.60 306 P P 08 21 50.7 -0.4

ZAL comp=Z, 1.2nm, 0.6s, baz=60, slow=3.7, SNR=3.3 LR LR 08 21 30.9

ZAL comp=Z, 1.26nm, 1.8s, MS3.8, baz=268, slow=40 LR LR 08 21 30.9

MK31 Makanchi Arr 48.01 298 eP P 08 23 08.8 -0.9

Table of station data for 733, including call signs like MKAR, KURK, YKA, and various frequencies and parameters.

Main table of station data for 2006 DEC, listing call signs, station names, frequencies, and other technical details.

Table of station data for 23d 10h, including call signs like SBL, RTR, XAV, and various frequencies and parameters.

ISCJB 23 08:21:11.9.0.7, 1412N:007:9149W,006,h2km,7km, mb3.6/5, Error ellipse: s-maj=13.1km s-min=7.0km

ISCJB 23 09:55:03.9.1.6, 1170N:003:8741W,005,h2km,10km, mb3.5/4, Error ellipse: s-maj=7.8km s-min=5.3km az=153.5

ISCJB 23 09:55:05.8.1.6, 1261N:8654W,h0km,mb3.6/4, mb1 3.9/5, mb1mx3.7/8, mbtm3.6/5, ML3.3/1, MS2.9/1, Ms1 2.9/1, ms1mx2.4/28, Error ellipse: s-maj=103.7km s-min=21.4km az=55.0

23d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BILL Bilibino, TIXI Tiksi, VANDA Vanda, etc.

NEIC 23 11:01:23.9, 3145S-6893W, h150km, MG3.9(G), After GUC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MDZ Mendoza, CMCH Combarbala, etc.

2006 DEC

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

CASC 23 11:05:49.5:2.1, 1377N-9064W, h56km, 37km, MD3.6, 5C-2D, Near coast of Guatemala

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

ISCJB 23 11:53:02.6:0.3, 4590N-002-281E:0.03, h8km, 3km, Error ellipse: s-maj=3.3km s-min=2.4km az=51.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PYM Petit Puy Mans, PYM Petit Puy Mans, etc.

ISC 23 11:53:03.0:5.3, 4591N:001-280E:0.02, h12km, 3km, n53, c078/115, France

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CEN1 Los Morros, CEN1 Los Morros, etc.

ISC 23 11:57:09.7:0.9, 2288S:005-6808W:0.009, h76km, 12km, mb4.0/5, Error ellipse: s-maj=14.8km s-min=8.2km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CEN1 Cerro Paranal, CEN1 Cerro Paranal, etc.

ISC 23 11:57:11.3:0.7, 2300S:6845W, h120km, mb4.7/2, After GUC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CEN1 Cerro Paranal, CEN1 Cerro Paranal, etc.

ISC 23 11:57:13.2:0.7, 2251S:6844W, h104km, 5km, mb3.7/4, mb1 3.8/7, mb1mx3 8/7, mbtmp3 7/7, Error ellipse: s-maj=27.9km s-min=18.9km az=92.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CEN1 Cerro Paranal, CEN1 Cerro Paranal, etc.

ISC 23 11:57:17.0:1.7, 2290S:005-6815W:0.10, h77km, 11km, h104km, 6km: pP, n25, c1940/27, mb4.0/5, 1D, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CEN1 Los Morros, CEN1 Los Morros, etc.

736

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VIVF Saint-Julien-I, VIVF Saint-Julien-I, etc.

Azm102.00000: nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
IDC 23 17:28:31.9.1.8,2481N:122.35E,h44km,17km,mb4.3/20,mb1 4.4/25,mb1mx4.3/30,mbtmp4.3/25,ML3.8/5,MS4.4/19,Ms1 4.4/19,ms1mx4.2/32 Error ellipse: s-maj=16.5km s-min=10.4km az=77.0
ISC 23 17:28:29.0.2,2472N:002.12231E:002,h26km,h26km,2.2km,2.2km,0.15/15/235,mb4.8/69,MS4.5/24,7C-8D,Taiwan region

Table with columns: Code, Station Name, Az, A1Z, Phase ID, ISC, Time, Res, ISC. Lists various seismic stations and their parameters.

Table with columns: S/NY, comp, Z, 3um, 10.6s, Chengdu, 17.52 295, P, Pn, 17 32 32.3 0.0. Lists seismic events with station codes and parameters.

Table with columns: HIA, Hailar, 24.59 356 eP, P, 17 33 47.2 -0.4. Lists seismic events with station codes and parameters.

203 17h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like BOD Bodaiho, TIXI Tiksi, and various other stations.

2006 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like BRVK Borovoye, BRVK Borovoye, and various other stations.

742

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like CLL Collm, CLL Collm, and various other stations.

23d 22h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like TLY Talaya, ERM Ermo, KUR Kurchatov, etc.

2006 DEC

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like ARU Arti, ERZ Erzurum, GZT Gaziantep, etc.

746

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like BILL Bilibino, TIRU Tirsurov, AKAS Malin Array Be, etc.

ARCES	ARCES Array B	92.87 340	P	P	23 12 49.7 -0.7
VYHS	Vyhne	92.93 318	eP	P	23 12 50.8 +0.1
OKOL	Ostrava-Krasne	93.53 320	eP	P	23 12 53.7 +0.2
SMOL	Smolenice	93.86 318	eP	P	23 12 55.1 +0.1
MORC	Moravsky Berou	93.92 319	iP	P	23 12 55.4 +0.2
MORC	Moravsky Berou	93.92 319	iP	P	23 12 55.3 +0.1
ZST	Bratislava	94.05 318	eP	Pmax	23 12 56.2 +0.3
ZST	Bratislava	94.05 318	eP	P	23 12 56.2 +0.3
ZST	Kog	94.47 316	ePP	PP	23 16 41.4 -1.5
DPC	Dobruska-Polom	94.75 320	eP	P	23 12 58.2 +0.6
KSP	Ksiaz	94.81 320	eP	P	23 13 00.2 +0.8
KSP	Ksiaz	94.81 320	eP	P	23 12 59.0 -0.4
GOLS	Golise	94.86 316	eP	P	23 13 00.1 +0.5
UPC	Upice	94.96 320	eP	P	23 12 59.0 -1.0
PER5	Pernice	95.28 316	eP	P	23 13 02.1 +0.7
LJUJ	Ljubljana	95.63 316	eP	P	23 13 03.5 +0.4
PRU	Pruhonica	95.87 320	eP	P	23 13 04.2 0.0
PVCC	Panska Ves	95.88 320	eP	P	23 13 04.5 +0.3
PVCC	Panska Ves	95.88 320	eP	x	23 13 26.3
BRG	Berggiesshubel	96.30 320	eP	P	23 13 06.5 +0.4
BRG	Berggiesshubel	96.30 320	eP	Pmax	23 13 07.9
BRG	Berggiesshubel	96.30 320	eP	P	23 13 06.5 +0.4
GERES	GERES Array B	96.35 318	P	P	23 13 06.3 -0.1
SPB4	Spitsbergen Ar	96.44 348	eP	P	23 13 05.2 -1.6
KHC	Kasperske Hory	96.45 319	eP	P	23 13 06.6 -0.2
CLL	Colim	96.91 321	eP	P	23 13 08.0 -0.9
GRA1	Grafenberg Arr	98.00 319	ePdiff	PP	23 13 09.4 +0.1
GRF	Grafenberg Arr	98.00 319	ePdiff	PP	23 17 13.0 -0.5
GRF	Grafenberg Arr	98.00 319	ePdiff	PP	23 13 13.9 +0.1
NOA	NORSAR Array B	98.05 331	P	P	23 13 13.8 -0.2
KEST	Kesara	99.05 305	P	P	23 13 20.4 +1.9
KEST	Kesara	99.05 305	P	P	23 59 36.6
TBI	Tubuai	100.72 315	eLR	LR	23 46 27.7
LPG	La Plagne	101.06 315	ePP	PP	23 17 34.2 -2.4
CABF	La Chapelle	101.48 316	ePP	PP	23 17 37.5 -2.3
PPT	Papeete	101.88 109	eLR	LR	23 46 56.8
LOR	Lormes	102.97 317	ePP	PP	23 17 48.6 -2.4
SMF	Signal de Mont	103.02 316	ePP	PP	23 17 49.0 -2.4
SSF	Saint Sauge	103.22 317	ePP	PP	23 17 50.7 -2.2
TORD	Torodi Ar. Bea	105.10 282	Pdiff	Pdiff	23 13 46.1 +0.7
TORD	Torodi Ar. Bea	105.10 282	Pdiff	Pdiff	23 18 00.2 +0.7
TORD	Torodi Ar. Bea	105.10 282	Pdiff	Pdiff	23 13 46.1 +0.7
INX	Inuvik	107.31 20	Pdiff	Pdiff	23 18 00.7 +0.7
INX	Inuvik	107.31 20	Pdiff	Pdiff	23 13 56.6 +1.4
INX	Inuvik	107.31 20	Pdiff	Pdiff	23 18 03.4 -0.3
INX	Inuvik	107.31 20	Pdiff	Pdiff	23 29 18.4 -0.9
PMSA	Palmer Station	108.25 185	PFake	LR	23 18 20.0 +1.5
PMSA	Palmer Station	108.25 185	PFake	LR	23 18 20.0 +1.5
ESDC	Sonsecra Array	109.41 310	PKiKP	PKiKP	23 18 08.3 +0.7
ESDC	Sonsecra Array	109.41 310	PKiKP	PKiKP	23 29 26.0 +1.0
HOPE	Hope Point	111.42 203	PFake	LR	23 18 20.0 +8.6
HOPE	Hope Point	111.42 203	PFake	LR	23 18 20.0 +8.6
PVRL	Vila Real	111.98 312	ePKiKP	PKiKP	23 18 13.6 +1.2
MTE	Manteigas	112.01 311	ePKiKP	PKiKP	23 18 13.8 +1.3
PCBP	Castelo Branco	112.02 310	ePKiKP	PKiKP	23 18 13.3 +0.9
PVIS	Viseu	112.22 311	ePKiKP	PKiKP	23 18 13.4 +0.5
PESTR	Estremoz	112.31 309	ePKiKP	PKiKP	23 18 13.5 +0.4
PBEJ	Beja	112.66 308	ePKiKP	PKiKP	23 18 13.3 -0.4
PLOU	Loures	113.50 308	ePKiKP	PKiKP	23 18 16.6 +1.3
PMAF	Mafra	113.59 310	ePKiKP	PKiKP	23 18 16.8 +1.3
YKA	Yellowknife Ar	117.08 20	PKP	PKP	23 18 21.4 -0.8
YKA	Yellowknife Ar	117.08 20	PKP	PKP	23 28 45.9 -1.0
YKA	Yellowknife Ar	117.08 20	PKP	PKP	23 18 21.3 -0.9
YKA	Yellowknife Ar	117.08 20	PKP	PKP	23 18 21.4 -0.8
YKA	Yellowknife Ar	117.08 20	PKP	PKP	23 28 45.9 -1.0
PMP5	Porto Santo	120.39 304	ePKiKP	PKiKP	23 18 28.5 -0.2
PMAR	Madeira	120.94 304	ePKiKP	PKiKP	23 18 31.1 +1.9
A05A	Maple Falls	121.84 35	iP	PKP	23 18 31.5 +0.1
004A	Brinnon	121.95 37	iP	PKP	23 18 31.9 +0.4
E03A	Lebam	122.14 38	iP	PKP	23 18 32.4 +0.4
B05A	Bryant	122.32 36	P	PKP	23 18 33.2 +1.1
B06A	Marblemount	122.43 35	iP	PKP	23 18 32.6 +0.1
F03A	Seaside	122.43 39	iP	PKP	23 18 33.8 +1.3
A07A	Ashnola River	122.78 34	P	PKP	23 18 33.9 +0.8
D05A	Enumawaw	122.79 37	iP	PKP	23 18 34.0 +0.8
I02A	Mapleton	123.11 41	iP	PKP	23 18 34.8 +1.0
F04A	Amboy	123.13 38	iP	PKP	23 18 34.7 +0.9
H03A	Soap Creek Ran	123.16 40	iP	PKP	23 18 35.4 +1.5
E05A	Randle	123.23 37	iP	PKP	23 18 34.5 +0.5
B07A	Winthrop	123.23 35	iP	PKP	23 18 34.3 +0.2
G04A	Mulino	123.43 39	iP	PKP	23 18 35.6 +1.2
A08A	Turner Farm, O	123.45 34	iP	PKP	23 18 34.8 +0.3
D06A	Cle Elum	123.47 36	iP	PKP	23 18 35.5 +1.0
I03A	Eugenelle	123.48 41	iP	PKP	23 18 35.8 +1.3
J02A	Umpqua	123.55 42	iP	PKP	23 18 34.9 +0.3
C07A	Waterville	123.67 36	iP	PKP	23 18 35.3 +0.4
E06A	Yakima	123.71 37	iP	PKP	23 18 36.1 +1.1
WTV	Waterville	123.73 36	P	PKP	23 18 35.6 +0.6
B06A	Colville Reser	123.73 35	P	PKP	23 18 35.5 +0.5
EBG	Ellensburg	123.77 37	P	PKP	23 18 36.4 +1.3
A09A	Danville	123.81 34	iP	PKP	23 18 35.8 +0.6
H04A	Detroit Lake	123.86 40	iP	PKP	23 18 35.8 +0.6
K02A	Glendale	123.86 42	iP	PKP	23 18 36.2 +0.9
EDM	Edmonton	123.87 27	ePKP	PKP	23 18 35.3 0.0
J03A	Ideyid Park	123.95 41	iP	PKP	23 18 36.1 +0.7
D07A	Quincy	123.98 36	iP	PKP	23 18 35.9 +0.4
L02A	Cave Junction	124.04 43	iP	PKP	23 18 36.3 +0.7
EPH	Ephrata	124.11 36	P	PKP	23 18 36.5 +0.8
I04A	Tendick Farm,	124.12 41	iP	PKP	23 18 36.2 +0.4
C08A	Higginsbottom F	124.20 35	iP	PKP	23 18 36.3 +0.4
HUMO	Hull Mountain	124.28 42	iP	PKP	23 18 37.0 +1.0
JCC	Jacoby Creek	124.30 44	iP	PKP	23 18 37.3 +1.2
B09A	Rice	124.36 34	iP	PKP	23 18 37.0 +0.8

E07A	Sunnyside	124.38 37	iP	PKP	23 18 37.2 +1.0
H05A	Madras	124.48 39	iP	PKP	23 18 37.6 +1.1
G06A	Carson Farm,	124.56 38	iP	PKP	23 18 37.6 +1.0
J04A	Umpqua Nationa	124.56 41	iP	PKP	23 18 37.9 +1.3
OD2	Odessa Site #2	124.61 35	P	PKP	23 18 37.5 +0.9
D08A	Wollman Farm,	124.66 36	P	PKP	23 18 38.0 +1.2
F07A	Phinny Hill Vi	124.67 37	iP	PKP	23 18 38.1 +1.3
I05A	Genz Farm, O	124.68 40	iP	PKP	23 18 38.0 +1.2
H20WA	Water	124.71 37	P	PKP	23 18 38.5 +1.6
N02C	Big Bar	124.80 44	iP	PKP	23 18 38.4 +1.3
YBH	Yreka Blue Hor	124.83 43	iP	PKP	23 18 38.4 +1.3
M02C	Callahan	124.87 43	iP	PKP	23 18 37.9 +0.7
E08A	Dider Farm, El	124.88 36	iP	PKP	23 18 38.2 +1.0
BUOR	Burton Butte	124.90 42	P	PKP	23 18 38.7 +1.5
H06A	Lindquist Farm	125.00 39	P	PKP	23 18 38.7 +1.3
D09A	Jones Farm, RI	125.01 35	iP	PKP	23 18 38.2 +0.8
A11A	Hall Mountain,	125.03 33	iP	PKP	23 18 38.4 +0.9
K04A	Chilquin	125.09 42	iP	PKP	23 18 38.8 +1.2
J05A	Fork Rock	125.11 41	iP	PKP	23 18 38.6 +1.0
G07A	Ruggs Ranch, H	125.14 38	iP	PKP	23 18 38.7 +1.0
L04A	Klamath Falls	125.18 42	iP	PKP	23 18 38.7 +1.0
P01C	Double B Ranch	125.32 46	iP	PKP	23 18 39.0 +1.0
B11A	Sandpoint	125.33 33	iP	PKP	23 18 38.6 +0.6
M04C	Macdoel	125.39 43	iP	PKP	23 18 39.1 +1.0
F08A	Penelton	125.41 37	iP	PKP	23 18 39.2 +1.0
M03C	McClood	125.42 43	iP	PKP	23 18 39.3 +1.1
O02C	Red Bluff	125.42 45	iP	PKP	23 18 39.5 +1.3
A12A	Yaak River Ran	125.42 32	iP	PKP	23 18 39.5 +1.2
WDC	Whiskeytown Da	125.43 44	P	PKP	23 18 39.5 +1.3
I06A	Prineville	125.46 40	iP	PKP	23 18 39.7 +1.4
H07A	Lands Inn, Kim	125.55 39	iP	PKP	23 18 39.7 +1.2
G08A	Pilot Rock	125.56 38	P	PKP	23 18 39.7 +1.2
K05A	Summer Lake	125.59 41	iP	PKP	23 18 39.7 +1.1
D10A	Wagner Farm, O	125.61 35	P	PKP	23 18 39.6 +1.0
GASB	Alder Springs	125.68 45	iP	PKP	23 18 40.0 +1.2
HOPS	Hopland	125.69 46	iP	PKP	23 18 40.2 +1.5
B12A	Libby	125.73 33	iP	PKP	23 18 39.8 +1.0
I07A	Izee	125.83 39	P	PKP	23 18 40.6 +1.6
L05A	Lakeview	125.94 42	iP	PKP	23 18 40.8 +1.6
K06A	Valley Falls	125.98 41	iP	PKP	23 18 40.6 +1.3
E10A	Myers Farm, Un	126.02 35	P	PKP	23 18 40.5 +1.1
O03C	Acorn Hollow,	126.02 45	iP	PKP	23 18 40.3 +0.9
M05C	Lookout	126.04 43	iP	PKP	23 18 40.7 +1.3
HATC	Hat Creek Radi	126.07 44	iP	PKP	23 18 40.9 +1.4
LCCM	Butte Creek RI	126.14 43	P	PKP	23 18 41.1 +1.5
MCCM	Marco Confer	126.16 47	iP	PKP	23 18 41.3 +1.6
MNRC	McLaughlin Nat	126.19 46	iP	PKP	23 18 41.5 +1.8
NSHM	Salt Lake	126.21 47	ePKP	PKP	23 18 41.0 +1.2
F10A	Beach Ranch, E	126.23 36	P	PKP	23 18 41.2 +1.5
J07A	Hines	126.31 40	iP	PKP	23 18 41.5 +1.6
MOD	Modoc	126.36 42	ePKP	PKP	23 18 41.3 +1.3
MOD	Modoc	126.36 42	ePKP	PKP	23 18 41.2 +1.2
B13A	Whitefish	126.39 32	P	PKP	23 18 41.2 +1.1
CVS	Carson Winey	126.39 47	iP	PKP	23 18 41.4 +1.3
I08A	Drewsey	126.50 39	iP	PKP	23 18 41.6 +1.3
SUTB	Sutter Butte	126.51 45	iP	PKP	23 18 41.3 +1.0
O04C	Chester	126.54 44	iP	PKP	23 18 41.4 +1.0
M06C	Likely Place G	126.56 43	iP	PKP	23 18 41.6 +1.1
ORV	Oroville	126.58 45	P	PKP	23 18 41.7 +1.2
Q03C	Winters	126.59 46	iP	PKP	23 18 41.8 +1.4
E11A	Bogner Ranch,	126.61 35	P	PKP	23 18 41.2 +0.7
ELFS	Eagle Lake Fie	126.66 43	iP	PKP	23 18 41.7 +

Table of astronomical observations for 24d Oh, listing station names, coordinates, and observation details.

Table of astronomical observations for 2006 DEC, listing station names, coordinates, and observation details.

Table of astronomical observations for various stations, listing station names, coordinates, and observation details.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes stations like WMQ Urumqi, WMQ Mangalore, WMQ Chul'man, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes stations like KAF Kangasniemi, FINES Finesse Array B, AKASG Malin Array B, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes stations like CTAO Charters Tower, KLBRR Kelberin, MUN Mundaring, etc.

ESKT	Eskisehir	33.36 284	i P	P	02 05 08.9 +0.3
TIA	Tai'an	33.58 82	P	P	02 05 11.6 +1.1
WHN	Wuhan	33.64 93	e P	P	02 05 12.0 +0.9
TKPT	Tekkektepe	34.16 282	i P	P	02 05 16.2 +0.7
ULUDAG	Uludag	34.49 286	i P	P	02 05 18.7 +0.3
JOENSU	Joensuu	34.59 327	e P	P	02 05 16.1 -3.2
JOF	comp=Z,13nm,0.7s,mb5.0				
PLOR	Plostinia	35.21 296	i P	P	02 05 26.3 +1.7
DNZL	Cakirolu	35.23 282	i P	P	02 05 31.2 +6.4
MLR	Muntele Rosu	35.75 296	P	P	02 05 31.7 +2.1
MLR	comp=Z,12nm,0.7s,mb4.9,baz=334,slow=4.9,SNR=30				
MLR	Muntele Rosu	35.75 296	P	P	02 21 44.3
MLR	comp=Z,456nm,20.3s,MS4.2,baz=240,slow=39				
MLR	Muntele Rosu	35.75 296	P	P	02 05 31.3 +2.0
MLR	comp=Z,12nm,0.7s				
MLR	comp=Z,456nm,20.3s				
MLR	Muntele Rosu	35.75 296	P	P	02 05 30.9 +1.6
MLR	Muntele Rosu	35.75 296	P	P	02 05 30.9 +1.6
BURAR	Bucovina Array	35.99 299	i P	P	02 05 31.7 +0.4
VOIR	Matau	36.38 296	i P	P	02 05 35.6 +0.9
MTUR	Matau	36.40 295	i P	P	02 05 37.2 +2.3
FINES	FINES Array B	36.48 323	P	P	02 05 35.2 -0.3
FINES	comp=Z,6.2nm,0.4s,mb4.9,baz=110,slow=9.1,SNR=95				
FINES	FINES Array B	36.48 323	P	P	02 21 08.8
FINES	FINES Array B	36.48 323	P	P	02 05 35.2 -0.3
FINES	comp=Z,793nm,19.0s,MS4.5,baz=119,slow=37				
KAF	Kangasniemi	36.54 324	e P	P	02 05 33.3 -2.7
KAF	baz=105,slow=7				
LVV	L'vov	36.59 303	e P	P	02 05 36.3 -0.1
LVV					02 06 00.7
LVV					02 06 55.3
LVV	comp=Z,300nm,18.0s,MS4.1				
LVV	comp=N,1jnm,16.0s,MS4.7				
LVV	comp=E,400nm,16.0s,MS4.7				
CLNS	Chul'man	36.71 45	e P	P	02 05 35.3 -2.2
CLNS	comp=Z,11nm,1.2s,mb4.6				
CLNS	comp=N,4.0nm,0.9s				
CLNS	comp=E,8.0nm,0.9s				
CLNS	comp=Z,700nm,14.0s,MS4.6				
CLNS	comp=N,100nm,12.0s				
QIZ	Qiongzhong	36.74 114	P	P	02 05 40.5 +2.8
QIZ					02 01 22.9 +3.7
QIZ	comp=Z,73nm,2.2s,mb5.1				
QIZ	comp=N,535nm,17.0s,MS4.6				
QIZ	comp=E,600nm,17.4s,MS4.6				
QIZ	comp=Z,511nm,12.2s				
SNY	Shenyang	36.85 70	e P	P	02 05 42.9 +4.2
SNY					02 07 59.3 -0.7
SNY					02 11 15.1 -5.8
SNY					02 11 29.9 -7.3
SNY	comp=Z,95nm,2.9s,mb5.1				
SNY	comp=N,919nm,12.0s				
SNY	comp=Z,910nm,13.3s,MS4.7				
KWP	Kalwaria	37.46 303	e P	P	02 05 44.6 +0.8
CN2	Changchun	37.76 67	e P	P	02 05 48.6 +2.2
CN2	comp=N,1jnm,16.0s,MS4.9				
CN2	comp=E,600nm,16.0s,MS4.9				
CN2	comp=Z,900nm,16.0s,MS4.7				
KOLS	Kolonick sedl	37.81 302	e P	P	02 05 46.3 -0.5
KOLS					02 07 12.2 -1.2
UZH	Uzhgorod	37.83 301	e P	P	02 05 46.5 -0.4
GZR	Gura Zlata	37.97 296	i P	P	02 05 48.7 +0.6
VTS	Vitoshia	38.24 291	i P	P	02 05 51.5 +1.1
CRVS	Cervencia-Dubn	38.34 302	e P	P	02 05 52.2 +0.9
CRVS					02 07 21.3 +2.0
CRVS	Cervencia-Dubn	38.34 302	e P	P	02 05 52.3 +1.0
CRVS					02 07 21.4 +2.1
STHS	Stebnicka Huta	38.43 303	e P	P	02 05 51.6 -0.4
STHS					02 07 29.0
STHS	comp=Z,4.0nm,0.8s,mb4.2				
STHS	Stebnicka Huta	38.43 303	e P	P	02 05 51.6 -0.4
STHS	comp=Z,3.7nm,0.8s,mb4.2				
STHS					02 07 29.0 +8.8
SSE	Sheshan	38.67 88	P	P	02 05 55.1 +1.1
SSE	comp=Z,70nm,0.6s,mb5.6				
SSE	comp=Z,37nm,4.7s				
SSE	comp=N,208nm,22.2s,MS4.0				
SSE	comp=E,194nm,22.8s,MS4.0				
SSE	comp=Z,160nm,17.3s				
SSE	Sheshan	38.67 88	P	P	02 05 55.1 +1.1
SSE	comp=Z,70nm,0.6s,mb5.6				
BZS	Buzias	38.73 297	i P	P	02 05 55.3 +0.8
NIE	Niedzica	39.03 303	e P	P	02 05 58.0 +0.9
KECS	Kecovo	39.04 301	e P	P	02 05 56.6 -0.2
KECS					02 07 39.2
KECS	comp=Z,4.0nm,0.9s,mb4.2				
KECS	Kecovo	39.04 301	e P	P	02 05 56.9 -0.2
KECS	comp=Z,4.3nm,0.9s,mb4.2				
KECS	Kecovo	39.04 301	e P	P	02 07 39.2 +1.2
KECS					04 43 38.1
KECS	Kecovo	39.04 301	e P	P	02 05 56.9 -0.2
KECS	comp=Z,4.3nm,0.9s,mb4.2				
KECS	Ojcow	39.27 304	e P	P	02 07 39.2 +1.2
QJC	ARCESS Array B	39.31 335	P	P	02 05 59.1 0.0
ARCES	comp=Z,17nm,0.6s,mb5.0,baz=108,slow=8.0,SNR=69				
ARCES	ARCESS Array B	39.31 335	P	P	02 22 59.2
ARCES	comp=Z,912nm,20.9s,MS4.6,baz=115,slow=37				
ARCES	ARCESS Array B	39.31 335	P	P	02 05 59.2 -0.3
ARCES					02 22 59.2
AREO	ARCESS Array S	39.31 335	e P	P	02 05 58.9 -0.5
GRUS	Grusza	39.71 294	i P	P	02 06 02.8 0.0
YAK	Yakutsk	39.77 37	e P	P	02 06 02.6 -0.6
YAK	comp=Z,48nm,0.6s,mb4.7				
YAK	comp=Z,721nm,21.0s,MS4.5				
YAK	Yakutsk	39.77 37	e P	P	02 06 02.6 -0.6
YAK	comp=Z,48nm,0.6s,mb4.7				
YVHS	Yyhne	40.12 302	i P	P	02 06 06.7 +0.6
YVHS					02 07 41.0
YVHS	comp=Z,17nm,1.6s,mb4.5				
YVHS	Yyhne	40.12 302	i P	P	02 06 06.7 +0.6
YVHS	comp=N,20nm,1.6s,mb4.5				
DIVS	Divcibare	40.17 295	i P	P	02 07 41.0 +2.3
INCN	Inchon	40.36 76	PFAKE	P	02 06 07.0 +0.5
INCN					02 06 20.0 +1.2
MDJ	Mudanjiang	40.50 64	P	P	02 06 07.5 -1.8
MDJ					02 12 21.8 +6.0
MDJ	comp=Z,4.0nm,0.9s,mb4.2				
MDJ	comp=Z,1jnm,14.0s				
MDJ	comp=N,1jnm,25.7s				
MDJ	comp=Z,1jnm,14.8s				
MDJ	Mudanjiang	40.50 64	PFAKE	P	02 06 20.0 +1.1
MDJ					
GKP	Gorka Klasztor	40.59 309	e P	P	02 06 10.0 0.0

BBL5	Bajina Basta	40.63 294	i P	P	02 06 11.8 +1.4
MORC	Moravsky Berou	40.77 304	i P	P	02 06 12.2 +0.7
SMOL	Smolenice	41.04 302	e P	P	02 06 13.6 -0.1
KLR	Kul'dur	41.08 57	e P	P	02 06 09.7 -4.3
ZST	Bratislava	41.31 301	e P	P	02 06 04.7 -1.3
ZST	comp=Z,300nm,17.9s,MS4.2				
KRSR	Korea Arry	41.33 75	P	P	02 06 15.7 -0.5
KRSR	comp=Z,1.6nm,0.8s,baz=284,slow=5.0,SNR=5.4				
KRSR	comp=Z,2.6nm,0.9s,baz=298,slow=2.9,SNR=5.0				
KRSR	comp=Z,299nm,18.7s,baz=297,slow=39				
KSP	Ksiaz	41.42 305	e P	P	02 06 17.4 +0.6
KSP	Ksiaz	41.42 305	e P	P	02 06 16.7 -0.1
VRAC	Vranov	41.45 303	i P	P	02 06 17.8 +0.7
DPC	Dubruska-Polom	41.47 305	e P	P	02 06 17.8 +0.5
KULM	Kulim	41.60 139	e P	P	02 06 18.6 +0.2
UPICE	Upice	41.64 305	e P	P	02 06 18.9 +0.2
TIXI	Tiksi	41.78 23	i P	P	02 06 18.9 -0.9
TIXI	comp=Z,24nm,1.2s,mb4.7				
TIXI	Tiksi	41.78 23	i P	P	02 06 18.8 -1.0
TIXI	comp=Z,873nm,19.0s,MS4.7				
TREC	Trest	42.17 303	e P	P	02 06 23.4 +0.4
TREC					02 06 12.6 +1.2
CONA	Conrad Observa	42.18 301	i P	P	02 06 23.6 +0.5
CONA	comp=Z,24nm,1.4s,mb4.6,SNR=13				
HFS	Hagfors	42.33 320	P	P	02 06 23.8 -0.5
HFS	comp=Z,12nm,0.5s,mb4.6,baz=99,slow=9.8,SNR=56				
HFS	comp=Z,485nm,18.2s,MS4.4,baz=88,slow=37				
PVCC	Panska Ves	42.55 305	e P	P	02 06 26.3 +0.2
PRU	Pruhonic	42.66 304	e P	P	02 06 27.1 +0.2
PRU					02 08 13.0 +6.8
BRG	Berggiesshubel	42.89 306	e P	P	02 06 28.9 +0.1
BRG	Berggiesshubel	42.89 306	e P	P	02 06 28.8 -0.1
BRG	comp=Z,8.2nm,0.9s				
BRG	comp=Z,4.9nm,0.9s				
BRG	Berggiesshubel	42.89 306	e P	P	02 06 28.8 0.0
BRG					02 08 19.4
BRG	Berggiesshubel	42.89 306	e P	P	02 06 28.8 0.0
BRG					02 08 19.4
PSI	Prapari	42.91 143	P	P	02 06 26.9 -2.1
PSI	comp=Z,6.0nm,0.6s,mb4.5,baz=330,slow=6.1,SNR=4.8				
PERS	Pernice	42.95 300	i P	P	02 06 29.4 +0.2
BOJA	Bojanci	43.12 298	i P	P	02 06 30.9 +0.2
MOJA	Molin	43.24 301	i P	P	02 06 31.9 +0.2
MOJA	comp=Z,13nm,1.1s,mb4.5,SNR=6.9				
FBE	Freiberg	43.25 306	e P	P	02 06 32.0 +0.3
FBE	comp=Z,27nm,0.9s,mb5.0				
VISS	Visnje	43.33 298	i P	P	02 06 32.9 +0.5
HABR	Khabarovsk	43.36 58	e P	P	02 06 32.0 -0.6
HABR					02 12 52.2 -5.9
CLL	Collm	43.40 307	e P	P	02 06 32.6 -0.4
CLL	comp=Z,14nm,0.8s,mb4.7				
CLL	Collm	43.40 307	i P	P	02 06 32.8 -0.2
CLL	comp=Z,14nm,0.8s,mb4.7				
CLL	Collm	43.40 307	i P	P	02 06 32.8 -0.2
CLL					02 06 37.5
CLL	Collm	43.40 307	i P	P	02 06 32.8 -0.2
CLL					02 06 42.0 -1.0
CLL					02 08 17.0 +2.8
CLL					02 24 00.0
GEC2	GERESS Array S	43.41 303	e P	P	02 06 33.2 +0.2
GEC2	comp=Z,18nm,0.8s,mb4.8				
GEC2	GERESS Array S	43.41 303	e P	P	02 06 33.2 +0.2
GEC2	comp=Z,18nm,0.8s,mb4.8				
GERES	GERESS Array B	43.41 303	P	P	02 06 33.5 +0.5
GERES	comp=Z,7.3nm,0.6s,mb4.6,baz=65,slow=7.9,SNR=92				
GERES	comp=Z,434nm,21.7s,MS4.3,baz=257,slow=38				
KHC	Kasperske Hory	43.43 303	e P	P	02 06 33.5 +0.3
KHC					02 06 39.0
KHC	Kasperske Hory	43.43 303	e P	P	02 06 33.5 +0.3
KHC					02 06 39.0
NB2	NORSAR Subarra	43.55 321	P	P	02 06 33.3 -0.9
NB2	comp=Z,20nm,0.8s,mb4.9,baz=90,slow=8.6				
NOA	NORSAR Array B	43.55 321	P	P	02 06 33.4 -0.8
NOA	comp=Z,15nm,0.7s,mb4.8,baz=90,slow=8.0,SNR=31				
NOA	comp=Z,405nm,21.7s,MS4.3,baz=90,slow=37				
NAO01	NORSAR Array S	43.72 321	e P	P	02 06 34.6 -0.9
NAO01	comp=Z,19nm,0.8s,mb4.9				
JAVS	Javornik	43.83 299	i P	P	02 06 36.9 +0.5
WET	Wetzell	43.88 304	e P	P	02 06 36.6 -0.2
WET	comp=Z,13nm,0.8s,mb4.7				
WET	Wetzell	43.88 304	e P	P	02 06 36.6 -0.2
WET					02 06 36.6 -0.2
TANN	Tannenbergshtta	43.90 305	e P	P	02 06 37.3 +0.3
TANN	comp=Z,14nm,1.1s,mb4.6				
VOY	Vojsko	43.91 299	e P	P	02 06 36.8 -0.3
VOY					02 06 48.8 +1.7
NKC	Novy Kostel	43.94 305	e P	P	02 06 37.6 +0.3
NKC					02 08 21.2 +1.3
WERN	Wernitzgrun	43.97 305	e P	P	02 06 36.6 -1.0
GUNZ	Gunzen	43.99 305	e P	P	02 06 37.7 0.0
WERD	Werda	43.99 306	e P	P	02 0

24h 1h

Table with columns for call sign, name, frequency, power, mode, and time. Includes stations like MAT Matushiro, MJAR Matushiro Arr, ASAJ Asahikawa, etc.

2006 DEC

Table with columns for call sign, name, frequency, power, mode, and time. Includes stations like KMB0 Kilima Mbogo, LFF La Frestelle, LFF La Frestelle, etc.

754

Table with columns for call sign, name, frequency, power, mode, and time. Includes stations like INK Inuvik, COLA College, DAWY Dawson, etc.

mb1 4.3/15, mb1mx4.2/19, mbtmp4.0/15, MS3.2/2, Ms1 3.3/2, ms1mx2.7/26, Error ellipse: s-maj=20.5km s-min=9.0km az=34.0

ISC 24.04/28:15.7:0.7, 1431S:006:7278W:007, h68km, g6km, h97km, 2.1km, p:0.9, n239, c0774/234, mb4.4/36, 71C-68D,

Central Peru

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Arequipa, NNA, LPAZ, ATAH, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Kaiser Creek, Drake Creek, Mima, Gabbs, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Durkee, Grangeville, K06A, Huson, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Saint Martin d, Ste Croix, QUIL, Les Rejaudoux, etc.

CSEM 24 05:10:37.4±1.2, 3950N:2977W, h10km, ML2.7, Error ellipse: s-maj=18.3km s-min=7.3km az=51.0, After PDA

PTCA Ponta do Capel 1.19 140 eP Op ISG h m s ISC 05 10 55.2 -4.8

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ponta do Capel, Cedros, Horta, etc.

CSEM 24 05:48:17.2±0.8, 3929N:2989W, h5km, ML2.5, Error ellipse: s-maj=19.5km s-min=7.1km az=41.0, After PDA

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Cedros, Gavdhos, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Cedros, Caldeira, Horta, etc.

IDC 24 06:20:48.9±2.3, 652S:13008E, h0km, mb3.4/1, mb1 3.7/4, mb1mx3.5/1.4, mb1mp3.5/4, ML3.6/3, Error ellipse: s-maj=89.9km s-min=28.9km az=77.0, Banda Sea

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

CSEM 24 06:31:08.5±1.5, 3862N:2913W, h7km, 7km, ML2.5, Error ellipse: s-maj=10.7km s-min=6.0km az=55.0, After PDA

PTCA Ponta do Capel 0.26 98 iP Op ISG h m s ISC 06 31 13.9 +0.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ponta do Capel, Cedros, CALA, etc.

CSEM 24 06:31:08.5±1.5, 3862N:2913W, h7km, 7km, ML2.5, Error ellipse: s-maj=10.7km s-min=6.0km az=55.0, After PDA

PTCA Ponta do Capel 0.26 98 eS Op ISG h m s ISC 06 31 17.5 +0.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ponta do Capel, Cedros, CALA, etc.

CSEM 24 06:39:23.5±0.8, 4095N:7426E, h0km, 4km, ml3.0, 10C-8D, Error ellipse: s-maj=4.9km s-min=3.4km az=12.0, Kyrgyzstan-Xinjiang border region

AML Almayshu 1.26 340 iP Op ISG h m s ISC 06 39 47.5 -0.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Almayshu, KZYA, AAK, etc.

ISCJB 24 06:57:56.8±2.2, 3510N:005:237E.01, h8km, 8km, Error ellipse: s-maj=19.9km s-min=7.6km az=147.0

CSEM 24 06:57:57.5±0.4, 3508N:2368E, h2km, MD3.6, Error ellipse: s-maj=8.1km s-min=3.0km az=70.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KARN, GVD, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SIVA, LAST, NPS, etc.

IDC 24 06:59:30.7±5.2, 3092S:17882W, h0km, mb4.3/3, mb1 4.5/3, mb1mx4.0/13, mb1mp4.3/8, Error ellipse: s-maj=192.7km s-min=51.9km az=152.0, Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Puketiti, Matawai, Urewera, etc.

CSEM 24 07:01:37.6±0.5, 4094N:7421E, h0km, ml3.1, Error ellipse: s-maj=3.9km s-min=3.2km az=83.0

ISCJB 24 07:01:38.1±1.3, 4077N:007:7420E.010, h10km, Error ellipse: s-maj=10.6km s-min=9.3km az=39.0

AML Almayshu 1.42 342 iP Op ISG h m s ISC 07 02 01.7 -3.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Almayshu, Uchtor, KZYA, etc.

CSEM 24 07:01:44.1±2.4, 4132N:7388E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=28.8km s-min=11.1km az=168.0

ISC 24 07:01:38.9±1.3, 4078N:007:7430E.01, h10km, n14, α125N/21.9C-12D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Almayshu, Uchtor, KZYA, etc.

CSEM 24 07:12:10.9±0.2, 3628N:2211E, h8km, ML3.8, Error ellipse: s-maj=5.4km s-min=3.0km az=61.0

NEIC 24 07:12:11.4, 3629N:2220E, h24km, ml3.8(ATH), After ATH

ATH 24 07:12:11.4, 3629N:2220E, h24km, ml3.8, Error ellipse: s-maj=5.4km s-min=3.0km az=61.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KYTH, VLI, etc.

IDC 24 07:16:21.9±0.6, 2077N:11961E, h0km, mb4.0/13, mb1 4.2/14, mb1mx4.1/23, mb1mp4.0/14, MS3.6/5, Ms1 3.6/5, ms1mx3.1/25, Error ellipse: s-maj=32.0km s-min=13.2km az=70.0

NEIC 24 07:16:23.0±0.5, 2083N:11973E, h10km, mb4.8/3, Error ellipse: s-maj=17.0km s-min=9.0km az=78.0

ISCJB 24 07:16:25.1±0.4, 2086N:005:11986E.009, h35km, mb4.0/15, MS3.4/3, Error ellipse: s-maj=13.7km s-min=4.4km az=131.8

MAN 24 07:16:25.5, 2085N:11994E, h32km, mb3.3, ML4.5, MS5.7, BUJ 24 07:16:32.4, 2155N:11902E, h10km, mb4.6, mb4.2, Ms4.1, Ms2.0

ISC 24 07:16:27.1±0.4, 2087N:005:11989E.010, h35km, n34, α1509/34, mb4.0/15, MS3.4/3, 2C, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Conner, Mt. Cagua, Callao Caves, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like Baler, Nakatsue, Korea Array, etc.

IDC 24 07:27:17.6:1.4, 3427N:2665E, h0km, mb3.7/3, mb1 3.7/5, s-maj=31.3km s-min=20.5km az=5.0

HLW 24 07:27:17.8, 3451N:2667E, h15km, Mb3.5

ISC/B 24 07:27:20.4:0.9, 3428N:005:2679E:007, h36km:16km, mb3.5/3, Error ellipse: s-maj=10.8km s-min=6.9km az=9.3

ISC 24 07:27:21.4:2.8, 3430N:005:2673E:007, h27km:25km, n13, c078/17, mb3.5/3, 4C-2D, Crete

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like Anovia, Matruh, Saff, etc.

MOS 24 07:27:40.9:1.0, 1412S:7694W, h36km, mb5.2/16, Error ellipse: s-maj=22.2km s-min=8.1km az=122.0

ISC/B 24 07:27:41.6:0.3, 1408S:005:7677W:006, h41km, mb4.6/47, MS3.9/8, Error ellipse: s-maj=9.7km s-min=5.4km az=60

IDC 24 07:27:43.2:0.6, 1416S:7700W, h40km:3km, mb4.4/14, Mb1.4, 6/18, mb1mx4.4/24, mbtp4.4/18, ML4.8/3, MS3.7/9, Ms1 3.7/9, ms1mx3.6/23, Error ellipse: s-maj=22.5km s-min=13.7km az=68.0

NEIC 24 07:27:43.4:0.3, 1412S:7692W, mb5.0/36, Error ellipse: s-maj=9.9km s-min=5.3km az=54.0

BUI 24 07:27:43.3, 1410S:7690W, h41km, mb5.3, Ms5.0, Msz4.7

ISC 24 07:27:44.2:0.3, 1403S:006:7670W:006, h43km, h43km:7km:pp-P, n334, c060/328, mb4.8/47, MS3.9/8, 67C-61D, Near coast of Peru

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like Nana, Arequipa, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like Santo Domingo, Juntas-Abangare, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like San Rafael, Valley of Fire, etc.

mb1 3.5/11, mb1mx3.3/24, mbtms3.2/11, Error ellipse: s-maj=23.7km s-min=15.9km az=128.0

ISC 24 07:45:40.1-0.6, 458N-01:1531E.010, h35km, n36,

r132/43, mb3.6/1.1, C, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists seismic stations and their parameters.

BUI 24 08:00:55.6, 783S, 11708E, h518km, mb4.8, m5.2

MOS 24 08:01:03.8, 0.9, 674S, 11649E, h514km, mb5.3/48, Error ellipse: s-maj=9.2km s-min=5.3km az=114.3

ISCJB 24 08:01:03.9, 0.1, 684S, 002:11650E, h518km, mb5.2/118, Error ellipse: s-maj=3.8km s-min=2.9km az=110.6

GCMT 24 08:01:05.2, 0.3, 679S, 11663E, h531km, 2km, MW5.6/79, Moment Tensor Solution, s79,c118; Duration: 15

Moment tensor: Scale 10^17Nm; Mr=2.70E07; Mw=1.34E11; Mw1.36E14; Mw1.07E13; Mw=1.44E12; Mw=0.86E13; Best double couple; M2=2.88E00E10

NP1=125.00000; 336.00000; -1-105.00000; NP2= 63.2500000; 853.00000; -1-78.00000; Principal axes: T 2.8900, P1g8.0000, Azm46.0000; N -0.0030, P1g10.0000, Azm138.0000; P -2.8870, P1g77.0000, Azm279.0000; nstai refers to body waves, cutoff=40s.

IDC 24 08:01:05.7, 0.5, 680S, 11658E, h525km, mb4.7/25, mb1 4.7/27, mb1mx4.7/28, mbtms4.7/27, Error ellipse: s-maj=7.8km s-min=5.2km az=58.0

NEIC 24 08:01:05.2, 0.1, 680S, 11651E, mb5.3/61, Error ellipse: s-maj=5.3km s-min=3.6km az=60.0

ISC 24 08:01:05.2, 0.1, 685S, 002:11653E, h520km, h520km, 1.9km, pP, n630, r150/363, mb5.2/118, 115C-148D, Balli Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists seismic stations and their parameters.

Table with columns: Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists seismic stations and their parameters.

Table with columns: Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists seismic stations and their parameters.

Table with columns: SIM, Name, Time, Az, El, P, Az, El, P, Az, El, P. Includes entries like Simferopol, Klimovskoe, Obninsk, etc.

Table with columns: SIM, Name, Time, Az, El, P, Az, El, P, Az, El, P. Includes entries like Waterville, Turner Farm, O, Umpqua Nationa, etc.

Table with columns: SIM, Name, Time, Az, El, P, Az, El, P, Az, El, P. Includes entries like Grangeville, Noah's Angus R, Parkfield, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Status, Date/Time, Azimuth, Elevation, etc. Includes stations like EGMT Eagleton, BOZA Bozeman, Q101 Duckwater, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Status, Date/Time, Azimuth, Elevation, etc. Includes stations like MCWV Mont Chateau, CAM4 Nova Friburgo, GUARAPARI Guarapari, etc.

MOS 24 08:06:55.9-0.8, 5575N-110.18E, h6km, mb4.2/1, Error ellipse: s-maj=22.6km s-min=14.6km az=58.9

BYKL 24 08:06:56.7-0.4, 5573N-110.23E, h3km, mb7km, 6C, Lake

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, etc. Includes stations like Otavalo, Nizh Angarsk, Severomuyksk, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Status, Date/Time, Azimuth, Elevation, etc. Includes stations like CIT, FFNB Fofonovo, CRRS Chara, etc.

IDC 24 08:07:25.8-2.9, 4856N-154.79E, h0km, mb3.9/8, mb1 4.0/8, mb1mx3.8/22, mbtmp3.9/8, Error ellipse: s-maj=75.3km s-min=29.1km az=148.0

ISCJB 24 08:07:31.4-3.1, 483N-02:1550E-03, h70km, 17km, n89, Error ellipse: s-maj=51.6km s-min=13.3km

MOS 24 08:07:33.9-1.7, 4856N-154.69E, h78km, mb4.3/4, Error ellipse: s-maj=29.6km s-min=17.4km az=78.1

ISC 24 08:07:32.6-3.0, 482N-02:1550E-03, h71km, 15km, n14, o120/15, mb3.8/8, 1C, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, etc. Includes stations like Severo-Kuril's, Yuzh-Sakhalins, Korea Array, etc.

24d 9h

Table of astronomical data for 24d 9h, including columns for station name, coordinates, and various parameters like SNR and error ellipse.

MOS 24 09:46:23.0±0.8, 501S:14481E, h46km, mb5.4/32, MS4.8/7, Error ellipse: s-maj=10.7km s-min=5.7km

Table of astronomical data for New Guinea, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res, and ISC.

2006 DEC

Main table of astronomical data for 2006 DEC, listing stations like FITZ, ARMA, STKA, and KMI with their respective coordinates and parameters.

772

Table of astronomical data for 772, including stations like KMI, CM31, CHG, and XAN with their coordinates and parameters.

24d 10h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like UCC, SJPF, MFF, EALK, etc.

2006 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HFS, HFAO, EMIN, PBRG, etc.

776

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PKI, LSZ, LSA, LSH, etc.

Table with 5 columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like RCY, BHL, KMINR, etc.

KRCS 24 11:09:08.31.2, 5418N:16462E, h42km, 41km, ML3.6, Komandorsky Islands region

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Frequency. Lists stations like MKZ, KBTR, TUMR, SPN, etc.

ISJCJB 24 11:35:52.2.0.1, 2896N:002:5692E:003, h15km, mb3.8/12, MS3.5/1, Error ellipse: s-maj=4.4km s-min=3.2km az=35.4

THR 24 11:35:52.1.0.5, 2898N:5691E, h15km, 3km, ML3.9 CSEM 24 11:35:52.0.1, 2892N:5689E, h18km, ML3.9, Error ellipse: s-maj=2.3km s-min=1.6km az=97.0

TEH 24 11:35:55.6, 2900N:5690E, h15km, MN4.0 NEIC 24 11:35:55.0, 2900N:5690E, h15km, mb3.7/1, MN4.0(TEH), After TEH

IDC 24 11:35:56.9.9.3, 2896N:5686E, h68km, 85km, mb3.5/12, mb1.3/6/1, ms1mx3.5/24, mbmp3.5/13, ML4.3/1, MS2.0/1, Ms1.3/5/1, ms1mx2.7/27, Error ellipse: s-maj=30.5km s-min=18.5km az=145.0

ISC 24 11:35:52.9.0.8, 2896N:002:5690E:004, h7km, 5km, n72, c139/121, mb3.8/12, MS3.5/1, 3C-1D, Southern Hemisphere

Large table with 5 columns: Code, Station Name, Azimuth, Elevation, Frequency. Lists numerous stations including KRBR, IBND, BNDS, IMOH, etc.

Table with 5 columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like IKRD, IVDV, AKTK, etc.

ISJCJB 24 11:43:42.4.0.3, 4314N:002:043W:003, h12km, 3km, Error ellipse: s-maj=4.2km s-min=2.9km az=134.9

STR 24 11:43:43.8.0.1, 4303N:048W, h2km, 1km, ML2.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 24 11:43:43.8.0.1, 4306N:047W, h3km, Md2.1/2, M1.9/4, Error ellipse: s-maj=1.1km s-min=0.8km az=162.0

MDD 24 11:43:44.3.0.3, 4307N:045W, h4km, 4km, mblg1/4/10, Error ellipse: s-maj=2.6km s-min=1.5km az=6.0, PRXIMO

ISC 24 11:43:43.5.0.3, 4310N:002:045W:002, h10km, 3km, n34, c047/51, Pyrenees

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Frequency. Lists stations like REYF, ATE, ETSF, etc.

Table with 5 columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like RUF, ANMO, etc.

IDC 24 11:50:20.0.0.9, 3692N:10493W, h0km, mb3.3/2, mb1.3/7.7, mb1mx3.5/25, mbmp3.4/7, ML3.7/4, MS2.8/1, MS1.2.8/1, ms1mx2.5/14, Error ellipse: s-maj=19.2km s-min=9.9km az=85.0

ISCJB 24 11:50:20.0.4, 3694N:004:10469W:004, h10km, mb3.2/2, Error ellipse: s-maj=5.6km s-min=0.4km az=26.3

NEIC 24 11:50:21.5.0.5, 3694N:10475W, h5km, MN3.6, Error ellipse: s-maj=8.4km s-min=6.7km az=22.0

ISC 24 11:50:22.5.0.4, 3692N:004:10479W:003, h10km, n46, c170/66, mb3.2/2, New Mexico

Table with 5 columns: Code, Station Name, Azimuth, Elevation, Frequency. Lists numerous stations including SDCO, ANMO, SMCO, etc.

Table with columns: LPL, La Plagne, 0.56 29 ePg, Pg, 11 52 47.5 -0.1, etc. Includes various station names like LPL, RSP, RSL, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes various station names like LKD, LRS, LRD, etc.

Table with columns: TUP, TUP, comp=E,42nm,1,2s, eSg, Sg, 12 12 28.6 -5.5, etc. Includes various station names like ARS, KPC, MOY, etc.

ATH 24 11:58:17.3, 3787N:2015E, h10km, 4km, MD3.8/5
NEIC 24 11:58:17.3, 3787N:2015E, h10km, MD3.8(ATH), After
ATH.

LDG 24 13:33:54.0, 1.4158N:259E, h5km, Md2.3/1, M2.3/8,
Error ellipse: s-maj=2.3km s-min=1.5km az=138.0
MDD 24 13:33:54.0, 1.4160N:257E, h8km, 5km, mbl.g1.8/12,
Error ellipse: s-maj=6.7km s-min=3.5km az=125.0,
PRXIMO, Spain

Mn-0.08±.02; Mw-0.08±.02; Mww0.16±.02; Mw0.80±.01;
 Mw-0.67±.02; Mw-0.17±.01; Best double couple:
 M1.06100x10¹⁷ NP1.186.00000°, 840.00000°,
 λ-4.00000°. NP2.279.00000°, 888.00000°,
 λ-129.00000°. Principal axes: T 1.1150, P1g31.0000°,
 Azm40.0000°; N -0.1070, P1g39.0000°, Azm281.0000°; P
 -1.0080, P1g35.0000°, Azm155.0000°; nsta1 refers to
 body waves, cutoff=40s. nsta2 refers to surface waves,
 cutoff=50s.

MOS 24 14:26:17.6±1.0, 5178N:17888E, h84km, mb5.0/68,
 MS4.4/11 Error ellipse: s-maj=7.4km s-min=5.5km
 az=92.5

IDC 24 14:26:17.2±0.4, 5176N:17893E, h67km, mb4.5/30,
 mb1 4.6/30, mb1mx4.6/33, mb1mp4.5/30, MS4.4/9,
 Ms1 4.4/19, ms1mx4.2/25, Error ellipse: s-maj=10.9km
 s-min=8.6km az=138.0

BUI 24 14:26:22.6, 5218N:17792E, h96km, mb5.2, mb5.1
 ISC 24 14:26:18.1±0.1, 5183N:004±17884E:002, h73km,
 h73km±1.7km:pp-P, n685, e087/669, mb4.9/166, 63C-74D,

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res	ISC
						h m s		
AMKA	Amchitka	0.54	148°	P	Pn	14 26 28.0	-3.5	
AMKA				S	Sn	14 26 36.6	-4.7	
SMY	Shemya	3.05	289°	P	Pn	14 27 04.2	+0.2	
SMY				S	Sn	14 27 40.2	+0.9	
ATKA	Atka Island	4.32	82°	P	Pn	14 27 21.6	+0.4	
ATKA				S	Sn	14 28 11.4	+1.1	
UNV	Unalaska Valle	9.10	71°	P	Pn	14 28 28.3	+1.7	
AKLV	Akutana Long Va	9.46	70°	P	Pn	14 28 33.8	+2.3	
AKUT	Akutana	9.56	70°	P	Pn	14 28 35.7	+2.8	
FALS	False Pass	11.03	67°	eP	Pn	14 28 55.4	+2.5	
PIET	Petropavlovsk	12.38	283°	eS	Sn	14 29 19.8	+8.5	
PET				eS	Sn	14 31 24.0	-3.4	
PET	comp=Z,31nm,0.5s							smax
PET	comp=N,179nm,0.5s							smax
PET	comp=E,129nm,0.6s							MLR MLR
PET	comp=Z,400nm,19.0s							MLR MLR
SDPT	Sand Point	12.77	66°	eP	Pn	14 29 15.9	-0.7	
CHGN	Chignik	14.06	63°	eP	Pn	14 29 34.3	+0.6	
SKR	Severo-Kuril's	14.27	274°	eS	Sn	14 29 38.2	+1.8	
SKR				eS	Sn	14 32 05.0	-8.3	
SKR	comp=Z,80nm,0.5s							smax
SKR	comp=N,150nm,0.5s							smax
SKR	comp=E,140nm,0.5s							MLR MLR
SKR	comp=Z,3um,16.0s							MLR MLR
TNA	Tin City	15.33	21°	eP	Pn	14 29 54.0	+3.8	
SVW2	Sparrevohn	16.80	47°	eP	Pn	14 30 11.2	+2.7	
BILL	Bilibino	17.37	344°	iP	Pn	14 30 18.2	+2.6	
BILL	comp=Z,203nm,2.0s							MLR MLR
BILL	comp=Z,500nm,18.0s							MLR MLR
BILL	Bilibino	17.37	344°	eP	Pn	14 30 17.6	+2.0	
TTA	Tatalina	17.39	41°	eP	Pn	14 30 18.7	+2.9	
KDAK	Kodiak Island	17.43	59°	P	Pn	14 30 16.2	-0.1	
KDAK	Kodiak Island	17.43	59°	eP	Pn	14 30 15.0	-1.3	
MA2	Magadan	17.51	307°	eP	Pn	14 30 20.6	+3.3	
MA2	comp=Z,8.0nm,0.6s							smax
SEY	Seymchan	17.93	319°	iP	Pn	14 30 24.3	+1.9	
SLKM	Skliak Lake	19.12	51°	P	Pn	14 30 35.8	-0.9	
SLKM	Skliak Lake	19.12	51°	eP	Pn	14 30 35.3	-1.4	
IMA2	Indian Mountai	19.86	34°	eP	Pn	14 30 45.2	-0.2	
PMR	Palmer	19.90	48°	eP	Pn	14 30 44.5	-1.4	
PMR	comp=Z,22nm,0.5s							smax
PMR	comp=Z,22nm,0.5s							smax
SML	Sawmill	20.32	48°	P	P	14 30 48.6	+0.4	
SML	Sawmill	20.32	48°	eP	P	14 30 48.1	-0.1	
EYAK	Cordova Ski Ar	21.30	52°	eP	P	14 30 59.7	+0.9	
COLA	College	21.48	40°	P	P	14 31 02.3	+1.6	
COLA	comp=Z,42nm,0.9s,mb4.8							smax
COLA	College	21.48	40°	eP	P	14 31 01.6	+1.0	
OKH	Okha	21.69	289°	eP	Pn	14 31 00.0	-2.9	
OKH	comp=Z,500nm,3.0s							smax
MENT	Mentasta	22.68	46°	eP	P	14 31 13.4	+0.1	
YSS	Yuzh-Sakhalins	23.82	273°	iP	P	14 31 25.2	+0.9	
YSS		27.94	36°	eSP	S	14 31 55.0	+5.2	
YSS				eS	S	14 35 32.0	-2.8	
YSS				eS	S	14 36 02.0		
YSS	comp=Z,110nm,1.2s,mb5.1							smax
YSS	comp=E,180nm,1.5s							smax
YSS	comp=Z,400nm,17.0s							MLR MLR
YSS	Yuzh-Sakhalins	23.82	273°	eP	P	14 31 25.1	+0.8	
EGAK	Eagle	24.18	42°	eP	P	14 31 27.4	-0.2	
EGAK	comp=Z,101nm,0.8s,mb5.2							smax
DAWY	Dawson	24.80	44°	eP	P	14 31 33.4	+0.2	
SKAGW	Skagway	26.49	55°	eP	P	14 31 47.7	-0.8	
HABR	Khabarovsk	27.94	281°	eS	P	14 32 01.0	-0.5	
HABR				eS	P	14 36 41.6	+1.5	
INK	Inuvik	27.94	36°	P	P	14 32 01.9	+0.3	
INK	comp=Z,6.9nm,0.4s,mb4.6,baz=245,slow=9.2,SNR=127			ScP	ScP	14 38 46.9	-2.7	
INK	comp=Z,2.3nm,1.0s,baz=236,slow=6.5,SNR=4.0			LR	LR	14 43 38.7		
INK	comp=Z,861nm,21.6s,baz=231,slow=37			LR	LR	14 43 38.7		
INK	Inuvik	27.94	36°	P	P	14 32 02.0	+0.5	
INK	Inuvik	27.94	36°	P	P	14 32 01.7	+0.2	
YAK	Yakutsk	28.01	311°	P	P	14 32 00.7	-1.4	
YAK	comp=Z,259nm,0.4s							smax
YAK	comp=Z,57nm,0.9s,mb5.1							smax
YAK	Yakutsk	28.01	311°	P	P	14 32 00.7	-1.5	
TIXI	Tiksi	29.52	331°	iP	P	14 32 16.0	+0.5	
TIXI	comp=Z,12nm,1.3s,mb4.4							MLR MLR
TIXI	comp=Z,600nm,18.0s							MLR MLR
KLR	Kul'dur	29.64	284°	eP	P	14 32 12.9	-3.7	
KLR	comp=E,70nm,1.8s							smax
KLR	comp=Z,92nm,1.8s,mb5.1							smax
KLR	comp=Z,1um,12.0s							MLR MLR
VLA	Vladivostok	32.41	273°	iP	P	14 32 40.3	-0.6	
VLA	comp=Z,62nm,1.7s,mb5.1							smax
MJAR	Matsushiro Arr	32.42	258°	P	P	14 32 40.9	-0.2	
MJAR	comp=Z,7.0nm,0.9s,mb4.4,baz=47,slow=7.3,SNR=17			pp	pp	14 32 57.0	-1.4	
MJAR	comp=Z,5.0nm,0.8s,baz=41,slow=7.2,SNR=5.1			LR	LR	14 43 47.7		
MJAR	comp=Z,329nm,21.8s,baz=65,slow=32			LR	LR	14 43 47.7		
MJAR	Matsushiro Arr	32.42	258°	P	P	14 32 40.9	-0.2	
MJAR				PP	pp	14 32 57.0	-1.3	
MJAR	Matsushiro Arr	32.42	258°	P	P	14 32 40.9	-0.2	
MJAR				pp	pp	14 32 57.0	-1.4	
MJAR				LR	LR	14 43 47.7		
MAJO	Matsushiro	32.42	258°	P	P	14 32 41.4	+0.3	
MAJO	comp=Z,47nm,1.2s,mb5.1							smax
MAJO	Matsushiro	32.42	258°	eP	P	14 32 40.9	-0.2	
MAJ	Matsushiro	32.42	258°	P	P	14 32 41.2	+0.1	
MAT	Matsushiro	32.42	258°	S	S	14 37 44.0	-6.3	
MAT				S	S	14 32 45.5	-1.1	
MDJ	Mudanjiang	33.05	277°	PP	PP	14 34 01.3	-1.2	

MDJ	comp=Z,6.0nm,1.1s,mb4.3			AMB	AMB			
MDJ	comp=Z,109nm,5.0s			LR	LR			
MDJ	comp=N,787nm,36.2s			LR	LR			
MDJ	comp=E,332nm,38.8s			LR	LR			
MDJ	comp=Z,250nm,20.4s			LR	LR			
YKA	Yellowknife Ar	35.98	46°	P	P	14 33 11.5	-0.3	
YKA	comp=Z,5.9nm,0.3s,mb5.0,baz=282,slow=9.4,SNR=139			ScP	ScP	14 39 15.0	-1.8	
YKA	comp=Z,2.6nm,0.8s,baz=297,slow=7.2,SNR=14			LR	LR	14 48 55.3		
YKA	comp=Z,1um,20.8s,baz=260,slow=38			LR	LR	14 48 55.3		
CN2	Changchun	36.02	279°	eP	pp	14 33 11.9	-0.3	
CN2				eP	pp	14 33 35.8	+6.2	
CN2				eS	S	14 38 43.3	-2.5	
CN2	comp=Z,10.0nm,0.8s,mb4.8			AMB	AMB			
CN2	comp=N,400nm,19.0s			LR	LR			
CN2	comp=E,400nm,19.0s			LR	LR			
CN2	comp=Z,500nm,19.0s			LR	LR			
BOD	Bodaibo	36.52	306°	eP	P	14 33 15.4	-1.1	
BOD				eP	P	14 33 31.7	-2.2	
BOD				pmax	pmax			
BOD	comp=Z,2.1nm,1.0s,mb5.0							pmax
HIA	Hailar	36.75	290°	eP	P	14 33 17.5	-0.9	
HIA	comp=Z,14nm,0.5s			pmax	pmax			
HIA	Hailar	36.75	290°	eP	P	14 33 17.5	-0.9	
A05A	Maple Falls	36.86	70°	iP	P	14 33 19.8	+0.5	
C04A	Brinnon	36.94	73°	iP	P	14 33 20.0	0.0	
E03A	Lebam	37.16	75°	iP	P	14 33 21.7	-0.2	
B05A	Bryant	37.19	71°	iP	P	14 33 22.5	+0.4	
E04A	Onalaska	37.64	74°	iP	P	14 33 25.8	-0.1	
D05A	Gnumclaw	37.78	73°	iP	P	14 33 27.0	-0.1	
A07A	Ashnola River,	37.83	69°	iP	P	14 33 27.5	+0.1	
F04A	Ambo	38.15	75°	iP	P	14 33 30.0	-0.2	
KSR5	Korea Array	38.17	268°	P	P	14 33 31.4	+0.9	
KSR5	comp=Z,9.8nm,0.9s,mb4.7,baz=57,slow=8.0,SNR=32			pp	pp	14 33 47.1	-0.9	
KSR5	comp=Z,11nm,0.9s,baz=55,slow=7.5,SNR=11			LR	LR	14 49 21.6		
SNY	Shenyang	38.26	277°	iP	P	14 33 29.9	-1.2	
SNY				AP	pp	14 33 54.		

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like E14A Clinton, L09A Wilkinson Ranch, P06A Stead Airport, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Q08A Gabbs, NVAR Mina Array Bay, NVAR K13A Stover Farm, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like FCC Fort Churchill, ARVC Arvin, DAC Darwin (Calif), etc.

KMI	comp=Z,7um,20.8s,MS5.6	P	P	17 47 17.1 +1.4	
KMI	Kunming 44.41 310	*PP	pP	17 47 26.1 +2.1	
KMI		*SP	sP	17 47 29.6 +2.3	
KMI				17 49 01.0	
KMI				17 49 02.9	
KMI				17 49 42.1	
KMI		PPP	S	17 53 49.0 +0.3	
KMI		*SS	SS	17 54 04.9 +2.6	
KMI		SS	SS	17 57 01.9 -6.1	
KMI		SSS		17 57 58.5	
KMI		pmax	pmax		
KMI	comp=Z,2.4nm,0.9s,mb.4.9	MLR	MLR		
KMI	comp=Z,7um,20.8s,MS5.6	P	P	17 47 17.1 +1.4	
KMI	Kunming 44.41 310				
KMI	comp=Z,2.4nm,0.9s,mb.4.9				
KMI		pP	pP	17 47 26.1 +2.1	
KMI		sP	sP	17 47 29.6 +2.3	
KMI		pPp	pPp	17 49 01.0	
KMI		PP	PP	17 49 02.9 +3.4	
KMI		PPP		17 49 42.1	
KMI		ScP	ScP	17 52 49.7 +0.4	
KMI		PcS	PcS	17 52 53.1 +0.6	
KMI		sS	S	17 53 49.0 +0.3	
KMI		sS	S	17 54 04.9 +2.6	
KMI		sS	SS	17 57 01.9 -6.1	
KMI		ScS	ScS	17 57 10.8 -1.1	
KMI		SSS	LR	17 57 58.5	
CM31	comp=Z,7um,20.8s,MS5.6				
CM31	Chiang Mai Arr 44.45 299	PFAKE	LR	17 47 30.0 +1.4	
CHG	comp=Z,3um,19.0s,MS5.2	P	P	17 47 17.0 +0.5	
CHG	Chiang Mai 44.59 300				
CHG	comp=Z,7.9nm,0.9s,mb5.5	P	P	17 47 17.4 +0.2	
CHG	Chiang Mai 44.59 300				
CHG	SNR=30				
CHG	Chiang Mai 44.59 300	eP	P	17 47 17.0 -0.2	
CHG		e	pmax	pmax	
CHG	comp=Z,7.7nm,1.1s,mb5.5				
CHG		MLR	MLR		
CHG	comp=Z,3um,20.0s,MS5.2	eP	P	17 47 17.0 -0.2	
CHG	Chiang Mai 44.59 300				
CHG	comp=Z,7.7nm,1.1s,mb5.4				
CHG		eScP	ScP	17 49 01.4	
CHG		LR	LR	17 52 53.2 +3.1	
VLA	comp=Z,3um,20.0s,MS5.2	eP	P	17 47 23.4 -0.9	
VLA	Vladivostok 45.48 353				
VLA		pP	pP	17 47 29.6 -3.0	
VLA		eS	pmax	pmax	17 54 05.0 +0.8
VLA	comp=Z,89nm,1.4s,mb5.4				
VLA		MLR	MLR		
VLA	comp=Z,3um,18.9s,MS5.3				
VLA	Vladivostok 45.48 353	iP	P	17 47 24.6 +0.3	
XAN	Xi'an 45.79 324	P	P	17 47 26.1 -0.6	
XAN		AP	pP	17 47 29.6 +2.3	
XAN		PP	PP	17 49 19.3 +5.1	
XAN		S	AMB	17 54 07.6 -1.1	
XAN	comp=Z,35nm,1.3s,mb5.1				
XAN		AMB	AMB		
XAN	comp=Z,826nm,4.0s				
XAN		LR	LR		
XAN	comp=N,1um,24.6s,MS5.1				
XAN		LR	LR		
XAN	comp=E,2um,21.0s,MS5.1				
XAN		LR	LR		
XAN	comp=Z,5um,26.5s				
XAN	Shenyang 45.93 344	iP	P	17 47 31.6 +3.8	
SNY		AP	pP	17 47 35.9 +2.6	
SNY		XP	sP	17 47 42.9 +2.8	
SNY		S	S	17 54 13.8 +3.1	
SNY		XS	sS	17 54 24.6 +0.1	
SNY		AMB	AMB		
SNY	comp=Z,1um,4.3s				
SNY		LR	LR		
SNY	comp=N,2um,16.8s,MS5.3				
SNY		LR	LR		
SNY	comp=E,2um,16.8s,MS5.3				
SNY		LR	LR		
SNY	comp=Z,3um,19.4s,MS5.2				
SNY		LR	LR		
BJT	Baijiatuu 46.88 336	eP	P	17 47 34.7 -0.5	
BJT		pmax	pmax		
BJT	comp=Z,188nm,1.2s				
BJT		MLR	MLR		
BJT	comp=Z,5um,20.0s,MS5.5				
BJT	Baijiatuu 46.88 336	eP	P	17 47 34.7 -0.6	
BJT		LR	LR		
BJT	comp=Z,188nm,1.2s,mb5.9				
BJT		LR	LR		
BJT	comp=Z,5um,20.0s,MS5.5				
BJT	Beijing 46.89 336	eP	P	17 47 34.9 -0.5	
BJI		*PP	pP	17 47 43.9 +0.2	
BJI		*SP	sP	17 47 47.7 +0.7	
BJI		S	S	17 54 23.7 -0.8	
BJI		*SS	sS	17 54 43.5 +5.3	
BJI		pmax	pmax		
BJI	comp=Z,63nm,1.0s,mb5.5				
BJI		MLR	MLR		
BJI	comp=Z,2um,3.5s				
BJI		LR	LR		
BJI	comp=N,3um,23.7s,MS5.4				
BJI		LR	LR		
BJI	comp=E,4um,20.2s,MS5.4				
BJI		LR	LR		
BJI	comp=Z,5um,24.8s,MS5.3				
BJI	Beijing 46.89 336	eP	P	17 47 34.9 -0.5	
BJI		*PP	pP	17 47 43.9 +0.2	
BJI		*SP	sP	17 47 47.7 +0.7	
BJI		S	S	17 54 23.7 -0.8	
BJI		*SS	sS	17 54 43.5 +5.3	
BJI		pmax	pmax		
BJI	comp=Z,63nm,1.0s,mb5.5				
BJI		MLR	MLR		
BJI	comp=Z,5um,24.8s,MS5.3				
BJI	Beijing 46.89 336	eP	P	17 47 34.9 -0.5	
BJI		pP	pP	17 47 43.9 +0.2	
BJI		sP	sP	17 47 47.7 +0.7	
BJI		S	S	17 54 23.7 -0.8	
BJI		sS	sS	17 54 43.5 +5.3	
BJI		SS	SS	17 57 53.3 +2.1	
BJI		LR	LR		
CD2	comp=Z,5um,24.8s,MS5.3				
CD2	Chengdu 46.98 317	iP	P	17 47 36.4 +0.3	
CD2		AP	pP	17 47 46.3 +1.9	
CD2		XP	sP	17 47 50.3 +2.6	
CD2		PCP	pP	17 49 08.5 +0.4	
CD2		PP	PP	17 49 26.5 -0.2	
CD2		S	S	17 54 25.0 -0.7	
CD2		XS	sS	17 54 41.3 +1.8	
CD2		ScS	ScS	17 57 25.8 -2.8	
CD2		AMB	AMB		
CD2	comp=Z,140nm,0.8s,mb5.9				
CD2		AMB	AMB		
CD2	comp=Z,850nm,5.3s				
CD2		LR	LR		
CD2	comp=N,5um,21.4s,MS5.6				
CD2		LR	LR		
CD2	comp=E,5um,22.7s,MS5.6				
CD2		LR	LR		
CD2	comp=Z,3um,16.8s				
MDJ	Mudanjiang 47.28 351	P	P	17 47 38.1 -0.3	
MDJ		AP	pP	17 47 44.5 -2.3	
MDJ		XP	sP	17 47 46.9 -3.2	
MDJ		S	S	17 54 25.9 -4.1	
MDJ		ScS	ScS	17 57 30.9 +0.4	
MDJ		AMB	AMB		
MDJ	comp=Z,39nm,0.9s,mb5.3				
MDJ		AMB	AMB		
MDJ	comp=Z,601nm,4.6s				
MDJ		LR	LR		
MDJ	comp=N,2um,20.6s,MS5.2				
MDJ		LR	LR		
MDJ	comp=E,1um,16.6s,MS5.2				
MDJ		LR	LR		
MDJ	comp=Z,4um,22.0s				
MDJ	Mudanjiang 47.28 351	eP	P	17 47 37.5 -0.9	
MDJ		LR	LR		

CN2	comp=Z,4um,21.0s,MS5.3	eP	P	17 47 37.6 -1.0
CN2	Changchun 47.31 347	eAP	pP	17 47 44.0 -3.0
CN2		eS	S	17 54 30.3 -0.1
CN2		AMB	AMB	
CN2	comp=Z,70nm,1.0s,mb5.5			
CN2		AMB	AMB	
CN2	comp=Z,900nm,4.0s			
CN2		LR	LR	
CN2	comp=N,3um,19.0s,MS5.4			
CN2		LR	LR	
CN2	comp=E,2um,19.0s,MS5.4			
CN2		LR	LR	
CN2	comp=Z,4um,19.0s,MS5.4			
YSS	Yuzh-Sakhalins 48.96	3iP	P	17 47 50.1 -1.3
YSS		e'SP	sP	17 48 04.0 +0.9
YSS		e		17 49 19.0
YSS		e		17 49 51.0
YSS		eS	S	17 54 54.0 +0.2
YSS		eS		17 55 06.0
YSS		eS		17 57 34.0
YSS		pmax	pmax	
YSS	comp=Z,50nm,0.8s,mb5.6			
YSS		pmax	pmax	
YSS	comp=N,20nm,0.7s			
YSS		pmax	pmax	
YSS	comp=Z,1um,4.0s			
YSS		smax		
YSS	comp=N,400nm,11.0s			
YSS		MLR	MLR	
YSS	comp=N,1um,19.0s			
YSS		MLR	MLR	
YSS	comp=Z,1um,19.0s,MS5.0			
YSS	Yuzh-Sakhalins 49.96	3 eP	P	17 47 49.8 -1.6
YSS	comp=Z,47nm,0.8s,mb5.6			
YSS		LR	LR	
HHC	comp=Z,3um,22.0s,MS5.2	eP	P	17 47 56.8 +0.8
HHC	Hu-hao-tao 49.56 333	AP	pP	17 48 06.8 +2.4
HHC		XP	sP	17 48 10.3 +2.6
HHC		PP	PP	17 49 52.0 +1.6
HHC		PcS	PcS	17 53 13.3 -0.8
HHC		XS	sS	17 55 00.8 -1.4
HHC		SS	SS	17 57 42.6 -3.2
HHC		ScS	ScS	17 57 42.6 -3.2
HHC		SS	SS	17 58 30.6 -3.8
HHC		AMB	AMB	
HHC	comp=Z,26nm,1.1s,mb5.2			
HHC		AMB	AMB	
HHC	comp=Z,1um,4.6s			
HHC		LR	LR	
HHC	comp=N,4um,22.0s,MS5.5			
HHC		LR	LR	
HHC	comp=E,3um,17.8s,MS5.5			
HHC		LR	LR	
HHC	comp=Z,5um,21.4s,MS5.5			
HHC		P	P	17 47 59.4 +0.5
AFI	Afiatalu 49.95 106			
AFI	comp=Z,77nm,1.0s,mb5.7,baz=267,slow=22,SNR=6.5			
AFI	Afiatalu 49.95 106	P	P	17 47 59.5 +0.5
AFI		LR	LR	
URZ	comp=Z,8um,22.0s,MS5.7	P	P	17 47 59.9 +0.2
URZ	Urewera 50.05 141			
URZ	comp=Z,12nm,0.6s,mb5.1,baz=340,slow=3.6,SNR=11			
BTO	Batou 50.10 331	eP	P	17 47 59.8 -0.2
BTO		AMB	AMB	
BTO	comp=Z,38nm,2.7s,mb5.0			
LZH	Lanzhou 50.22 323	P	P	17 48 01.8 +0.8
LZH		AP	pP	17 48 11.5 +2.1
LZH		XP	sP	17 48 16.8 +4.1
LZH		PP	PP	17 49 59.0 +2.6
LZH		S	S	17 55 09.0 -2.4
LZH		PS	SS	17 55 27.0
LZH		eSS	SS	17 58 40.0 -4.9
LZH		AMB	AMB	
LZH	comp=Z,140nm,1.2s,mb5.9			
LZH		AMB	AMB	
LZH	comp=Z,790nm,4.6s			
LZH		LR	LR	
LZH	comp=N,6um,16.1s			
LZH		LR	LR	
LZH	comp=Z,10um,17.0s,MS5.9			
LZH	Lanzhou 50.22 323	P	P	17 48 01.8 +0.8
LZH		*PP	pP	17 48 11.5 +2.1
LZH		*SP	sP	17 48 16.8 +4.1
LZH		S	S	17 49 59.0
LZH		S	S	17 55 09.0 -2.4
LZH		PS	SS	17 55 27.0
LZH		eSS	SS	17 58 40.0 -4.9
LZH		pmax	pmax	
LZH	comp=Z,140nm,1.2s,mb5.9			
LZH		MLR	MLR	
LZH	comp=Z,10um,17.0s,MS5.9			
LZH	Lanzhou 50.22 323	P	P	17 48 01.8 +0.8
LZH		comp=Z,140nm,1.2s,mb5.9		
LZH		pP	pP	17 48 11.5 +2.1
LZH		sP	sP	17 48 16.8 +4.1
LZH		PP	PP	17 49 59.0 +2.6
LZH		ZI	S	17 55 09.0 -2.4
LZH		PS	SS	17 55 27.0
LZH		sS	sS	17 55 37.0 +1.2
LZH		eSS	SS	17 58 40.0 -4.9
LZH		LR	LR	
RPZ	comp=Z,10um,17.0s,MS5.9			
RPZ	Rata Peaks 50.23 150	P	P	17 48 01.2 +0.2
RPZ	comp=Z,35nm,0.8s,mb5.5,baz=338,slow=2.3,SNR=15			
HABR	Khabarovsk 50.50 357	iP	P	17 48 02.2 -0.9
HABR		eS	S	17 55 15.7 +0.5
HABR		pmax	pmax	
HABR	comp=Z,79nm,1.1s,mb5.7			
SNZO	South Karori 50.51 145	PFAKE	LR	17 48 20.0 +1.7
SNZO				
IMP	comp=Z,7um,19.0s,MS5.7			
IMP	Imphal 51.28 304	eP	P	17 48 10.0 +1.1
IMP		x	x	17 49 29.0
KLR	Kul'dur 51.52 354	eP	P	17 48 07.0 -3.8
KLR		eS	S	17 55 26.5 -3.0
KLR		eSS	SS	17 59 07.5 +1.9
KLR		pmax	pmax	
KLR	comp=Z,1um,1.4s,mb5.5			
KLR				

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like JLU Jordanelle, DAU Daniels Canyon, CTU Camp Tracy, etc.

GUC 24 19:09:46.6, 0.8, 3314S, 7024W, h4km, 4km, MD3.6, ML2.2, 1C, Chile-Argentina border region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like FCH Farellones, CLCH Cerro Calan, PEL Peldehue, etc.

CASC 24 19:12:53.5, 1.4, 880N, 8411W, h11km, 38km, MD3.7, 1C-1D, Off coast of Costa Rica

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like LCR2 La Lucha 2, LAJ Bijagua, PRS1 Puriscal, etc.

GUC 24 19:28:05.3, 0.7, 3209S, 6813W, h25km, ML3.8, 2C-1D, Mendoza Province

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like JACH Jahuel, FCH Farellones, PTCH Petorca, etc.

MOS 24 19:29:59.4, 2.9, 4220N, 4238E, h18km, mb3.8/1, 3C-1D, Error ellipse: s-maj=99.9km s-min=15.8km az=142.0, Western Caucasus

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like DIGR Digorskoje uzhe, ZEI Tsey, GOR Gori, etc.

ISCJB 24 19:34:20.7, 1.0, 596S, 009.35E, h10km, mb3.6/5, Error ellipse: s-maj=30.8km s-min=5.9km az=47.7, NEIC 24 19:34:24.6, 1.0, 597S, 352E, h10km, mb4.3/1, Error

ellipse: s-maj=28.8km s-min=10.9km az=108.0, IDC 24 19:34:29.2, 2.6, 615S, 347E, h0km, mb3.5/5, mb1 3.8/7, mb1mx3.6/22, mbtmp3.7/7, ML3.5/2, MS2.9/1, Ms1 2.9/1, ms1mx2.7/35, Error ellipse: s-maj=70.1km s-min=21.0km az=96.0

ISC 24 19:34:24.1, 0.8, 596S, 009.35E, h20km, n14, c1914/16, mb3.6/5, Tanzania

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like KMBO Kilima Mboogo, KMBO Kilima Mboogo, LSZ Lusaka, etc.

ISCJB 24 19:34:33.6, 3.9, 1337N, 006.1259E, 0.1, h18km, 27km, mb4.0/14, MS3.2/3, Error ellipse: s-maj=24.2km

MAN 24 19:34:34.9, 1343N, 1258E, h31km, mb3.4, ML4.6, MS3.8, IDC 24 19:34:40.4, 4.5, 1329N, 1260E, h64km, 41km, mb3.7/12, mb1 3.8/13, mb1mx3.7/21, mbtmp3.7/13, ML4.2/1, MS3.3/4, Ms1 3.3/4, ms1mx3.2/31, Error ellipse: s-maj=44.5km s-min=13.2km az=72.0

NEIC 24 19:34:43.3, 3.4, 1321N, 12589E, h92km, 29km, mb4.6/2, Error ellipse: s-maj=45.8km s-min=8.6km az=67.5

ISC 24 19:34:33.0, 2.4, 1335N, 006.1258E, 0.08, h3km, 15km, n34, c083/32, mb4.0/14, MS3.2/3, 1D, Philippine Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like CNP Catarman, BESP Borongan, OCLP Ormoc, etc.

NIED 24 19:35:00, 2390N, 12230E, h14km, Mw3.8 Best double couple: Mo=5.42000e1014, NP1=199.00000, 684.00000, 7.67.00000, NP2=335.00000, 334.00000, 7.12.00000

JMA 24 19:35:20.8, 0.3, 2389N, 12234E, h20km, M3.6, Taiwan region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like YOJ Yonaguni jima, IRI Iriomote-Funau, HAT Hateruma jima, etc.

LDG 24 19:42:29.7, 4.239N, 31.11W, h10km, M2.3/5, Error ellipse: s-maj=15.2km s-min=3.7km az=16.0, MDD 24 19:42:32.2, 4.2, 4239N, 31.03W, h3km, 9km, mbLg1.8/15, 1C, Error ellipse: s-maj=4.2km s-min=1.4km az=37.0, PRXIMO, Spain

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like ELAN Lanestosa, ECRI Cripaan, EARA Aranran, etc.

JSN 24 19:47:08.5, 0.9, 1904N, 7959W, h37km, 18km, MD3.7, 2C, Cuba region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like CVJ Coleviley, MCJ Malvern, CCCC Cccc, etc.

ISCJB 24 19:50:59.0, 6.6, 1331N, 005.14423E, 0.04, h122km, 4km, mb4.7/43, Error ellipse: s-maj=8.5km s-min=6.3km az=177.3

BUI 24 19:50:59.2, 1339N, 14472E, h136km, mb5.0, mb4.8, IDC 24 19:51:00.7, 0.5, 1335N, 14436E, h119km, 4km, mb4.2/20, mb1 4.3/20, mb1mx4.2/26, mbtmp4.2/20, MS3.7/1, Ms1 3.7/1, ms1mx3.0/24, Error ellipse: s-maj=17.4km s-min=9.6km az=81.0

NEIC 24 19:51:01.4, 0.7, 1335N, 14441E, h127km, 6km, mb4.9/23, Error ellipse: s-maj=7.2km s-min=5.4km az=76.0, NEIC Felt at Agat, Dededo, Santa Rita, Tamuning, Tumon and Yigo.

ISC 24 19:51:01.4, 0.6, 1335N, 005.14431E, 0.04, h119km, 4km, n270, c086/261, mb4.7/43, 78C-78D, Mariana Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like GUMO Guamo, GUMO Guamo, TGY Tagaytay City, etc.

WRA	ScP	ScP	20 03 43.5 -1.0
FITZ	3.0nm, 0.6s, baz=13, slow=3.5, SNR=12		
FITZ	Fitzroy Crossi	36.28 211 eP	P 19 57 53.0 -0.2
FITZ	Fitzroy Crossi	36.28 211 P	P 19 57 53.2 0.0
BJI	Beijing	36.30 322 eP	P 19 57 53.8 +0.5
BJI	Beijing	36.30 322 eP	P 19 57 53.7 +0.4
XAN	Xi'an	38.12 309 P	P 19 58 08.9 +0.2
ASAR	Alice Springs	38.17 196 P	P 19 58 08.4 -0.7
ASAR	Alice Springs	38.17 196 P	P 19 59 45.2 +6.5
ASAR	Alice Springs	38.17 196 P	P 20 00 21.2 -0.2
ASAR	Alice Springs	38.17 196 P	P 20 03 56.4 -1.7
KMI	Kunming	40.81 293 P	P 19 58 32.9 +1.9
KMI	Kunming	40.81 293 P	P 19 58 32.9 +1.9
CD2	Chengdu	41.16 302 P	P 19 58 34.3 +0.4
CD2	Chengdu	41.16 302 P	P 19 58 34.3 +0.4
DZM	Mont Dzumac	41.35 148 P	P 19 58 36.1 +0.6
LZH	Lanzhou	42.75 309 eP	P 19 58 47.5 +0.7
LZH	Lanzhou	42.75 309 eP	P 19 58 47.5 +0.7
CM31	Chiang Mai Arr	43.84 283 eP	P 19 58 57.0 +1.4
STKA	Stephens Creek	45.04 183 eP	P 19 59 03.3 -1.8
STKA	Stephens Creek	45.04 183 eP	P 19 59 04.0 -1.2
SOMM	Songino Array	46.62 325 P	P 19 59 17.9 +0.4
SOMM	Songino Array	46.62 325 P	P 20 00 48.3 -1.2
GTA	Gaotai	46.93 312 P	P 19 59 20.5 +0.6
GTA	Gaotai	46.93 312 P	P 19 59 40.1 -1.3
YAK	Yakutsk	49.73 351 eP	P 19 59 57.6 +2.0
LSA	Lhasa	51.62 297 P	P 19 59 57.2 +1.5
LSA	Lhasa	51.62 297 eP	P 20 24 27.3
NWA0	Narogin (SR0)	52.79 209 LR	P 20 24 27.3
JIRN	Jiri	55.82 294 eP	P 20 20 26.8 +0.7
GUN	Gumba	56.10 295 eP	P 20 20 28.8 +0.6
BILL	Bilibino	56.49 10 eP	P 20 20 28.4 -2.5
PKI	Pulchoki	56.51 294 eP	P 20 20 31.1 +0.1
KKN	Kakani	56.63 295 eP	P 20 20 32.1 +0.2
DMN	Daman	56.77 294 eP	P 20 20 32.8 -0.1
GKN	Gorkha	57.20 295 eP	P 20 20 36.0 0.0
KOLN	Koldanda	58.11 294 eP	P 20 20 42.4 +0.1
MK31	Makanchi Array	61.29 316 P	P 20 01 03.8 -0.3
ZAL	Zalesovo	61.51 325 P	P 20 01 04.8 -0.8
HYB	Hyderabad	63.27 283 iP	P 20 01 17.0 -0.3
HYB	Hyderabad	63.27 283 eP	P 20 01 17.0 -0.3
KURK	Kurchatov	64.42 320 eP	P 20 01 24.2 -0.6
SLKM	Skilak Lake	66.46 29 eP	P 20 01 35.8 -2.2
POO	Poona	67.59 285 ex	x 20 01 40.5
BVAR	Borovyoye Array	69.78 322 P	P 20 01 58.1 -0.6
BRVK	Borovyoye	69.85 322 eP	P 20 01 58.5 -0.6
KBL	Kabul	70.50 302 eP	P 20 02 02.1 -0.9
INK	Inuvik	74.79 322 eP	P 20 02 26.4 -2.1
AKTK	Aktuyubinsk	77.49 319 P	P 20 02 42.9 -0.8
AKTO	Aktuyubinsk	77.49 319 P	P 20 02 42.9 -0.8
H03A	Soap Creek Ran	82.43 46 P	P 20 03 10.5 +0.1
J02A	Umpqua	82.48 47 P	P 20 03 10.4 -0.2
HUMO	Hull Mountain	83.08 48 P	P 20 03 13.8 +0.2
YKA	Yellowknife Ar	83.32 27 P	P 20 03 13.2 -1.7
YKA	Yellowknife Ar	83.32 27 P	P 20 03 13.2 -1.7
M02C	Callahan	83.40 49 P	P 20 03 15.3 0.0
YBH	Yreka Blue Hor	83.44 49 P	P 20 03 15.3 -0.2
A07A	Ashnola River,	83.48 41 P	P 20 03 14.8 -1.0
D06A	Cle Elum	83.58 43 P	P 20 03 15.9 -0.4
E06A	Yakima	83.64 44 P	P 20 03 16.1 -0.4
O02C	Red Bluff	83.70 50 P	P 20 03 17.2 +0.3
B07A	Winthrop	83.78 42 P	P 20 03 16.9 -0.3
WDC	Whiskeytown Da	83.80 50 P	P 20 03 17.3 0.0
H05A	Madras	83.88 46 P	P 20 03 17.6 -0.2
L04A	Klamath Falls	83.94 48 P	P 20 03 18.0 0.0
I05A	Bend	83.95 46 P	P 20 03 18.0 -0.2
K04A	Chilquinn	83.96 48 P	P 20 03 18.3 +0.1
M03C	McCloud	83.96 49 P	P 20 03 18.4 +0.2
C07A	Waterville	83.99 43 P	P 20 03 17.2 -1.1
M04C	Macedoel	84.06 49 P	P 20 03 18.9 +0.2
G06A	Carlson Farm,	84.16 45 P	P 20 03 18.2 -1.0
D07A	Quincy	84.16 43 P	P 20 03 18.6 -0.6
A08A	Turner Farm, O	84.21 41 P	P 20 03 18.7 -0.7
MNRC	McLaughlin Nat	84.24 52 P	P 20 03 20.0 +0.4
O03C	Acorn Hollow,	84.31 50 P	P 20 03 19.5 -0.4
B08A	Colville Reser	84.31 42 P	P 20 03 19.6 -0.4
CVS	Carment Viney	84.34 52 P	P 20 03 19.8 -0.3
E07A	Sunnyside	84.39 44 P	P 20 03 19.9 -0.4
H06A	Lindquist Farm	84.48 45 P	P 20 03 20.3 -0.5
F07A	Phinny Hill Vi	84.49 44 P	P 20 03 20.8 -0.1
K05A	Summer Lake	84.54 48 P	P 20 03 21.1 0.0
HATC	Hat Creek Radi	84.55 49 P	P 20 03 20.6 -0.5
C08A	Higginbotham F	84.64 42 P	P 20 03 21.1 -0.5
A09A	Danville	84.65 41 P	P 20 03 21.2 -0.5
SUTB	Sutter Butte	84.66 51 P	P 20 03 21.1 -0.6
M05C	Lookout	84.66 49 P	P 20 03 21.4 -0.3
I06A	Prineville	84.75 46 P	P 20 03 21.8 -0.3

ORV	Oroville	84.80 51 P	P 20 03 21.7 -0.7
G07A	Ruggs Ranch, H	84.81 45 P	P 20 03 21.9 -0.6
D08A	Wolman Farm,	84.89 43 P	P 20 03 22.2 -0.7
E08A	Dider Farm, El	84.94 44 P	P 20 03 22.6 -0.5
O04C	Chester	84.94 50 P	P 20 03 23.2 +0.5
K06A	Valley Falls	84.98 47 P	P 20 03 23.6 -0.1
WENL	Wente Brothers	85.04 53 P	P 20 03 23.3 -0.3
B09A	Rice	85.06 42 P	P 20 03 23.5 -0.3
O05C	Quincy	85.15 50 P	P 20 03 23.5 -0.6
MOD	Modoc	85.15 48 P	P 20 03 23.8 -0.4
M06C	Likely Place G	85.19 49 P	P 20 03 23.6 -0.8
F08A	Pendleton	85.30 44 P	P 20 03 24.7 -0.2
G08A	Pilot Rock	85.30 45 P	P 20 03 24.1 -0.7
D09A	Jones Farm, Ri	85.30 43 P	P 20 03 24.9 0.0
S04C	Ingram Canyon,	85.40 53 P	P 20 03 25.9 +0.5
HAST	UC Hastings Re	85.48 54 P	P 20 03 25.0 -0.8
J07A	Hines	85.52 47 P	P 20 03 25.8 -0.2
P05C	Yuba Gap, Truc	85.53 51 P	P 20 03 25.6 -0.4
PACP	Pacheco Peak	85.54 53 P	P 20 03 25.4 -0.6
LAVA	Lava Cap Winer	85.56 51 P	P 20 03 25.8 -0.4
BEKR	Beckwith	85.59 50 P	P 20 03 26.1 -0.2
K07A	Rock Creek Ra	85.73 47 P	P 20 03 26.9 -0.1
C10A	Spiker Farm,	85.76 42 P	P 20 03 27.1 -0.1
N06A	Butford Meadow	85.77 49 P	P 20 03 27.1 -0.1
L07A	Adell	85.82 48 P	P 20 03 27.5 +0.1
I08A	Drewsey	85.91 46 P	P 20 03 27.3 -0.6
F09A	S2 Ranch, Elgi	85.91 44 P	P 20 03 27.5 -0.3
O06A	Flanigan	85.91 50 P	P 20 03 27.1 -0.9
P06A	Stead Airport,	85.98 50 P	P 20 03 27.7 -0.6
D10A	Wagner Farm, O	85.98 43 P	P 20 03 26.8 -1.4
CMB	Columbia Colle	86.00 52 P	P 20 03 28.5 +0.1
A11A	Hall Mountain,	86.07 41 P	P 20 03 28.5 -0.1
R05C	Kirkwood Meado	86.08 51 P	P 20 03 28.5 -0.2
U04C	Hernandez Rese	86.09 54 P	P 20 03 28.9 +0.1
M07A	Soldier Meadow	86.10 49 P	P 20 03 28.6 -0.3
J08A	Circle Bar Ran	86.11 46 P	P 20 03 28.9 0.0
WCN	Washoe City	86.18 51 P	P 20 03 29.8 +0.6
V04C	Ramage Ranch,	86.19 54 P	P 20 03 29.4 +0.1
B11A	Szarpoint	86.20 41 P	P 20 03 29.3 0.0
E10A	Myers Farm, Un	86.24 43 P	P 20 03 29.4 -0.1
K08A	Mann Creek Ran	86.26 47 P	P 20 03 29.5 -0.1
F10A	Beach Ranch, E	86.30 44 P	P 20 03 29.8 0.0
H09A	Durkee	86.34 45 P	P 20 03 29.9 -0.2
PKD	Parkfield	86.37 54 P	P 20 03 30.0 -0.2
N07B	Gerlach	86.40 49 P	P 20 03 30.5 +0.2
I09A	Lost Marbles R	86.47 46 P	P 20 03 30.1 -0.6
L08A	Fields	86.50 48 P	P 20 03 31.1 +0.3
A12A	Yad River Ran	86.52 41 P	P 20 03 31.1 +0.2
BMO	Blue Mountains	86.54 45 eP	P 20 03 30.5 -0.5
R06C	Coleville	86.60 51 P	P 20 03 31.2 -0.1
U05C	Westside ANR,	86.61 54 P	P 20 03 31.1 -0.2
O07A	Toulon	86.62 50 P	P 20 03 31.1 -0.3
J09A	Fry Pan Ranch,	86.62 46 P	P 20 03 31.6 +0.2
M08A	Happy Creek Ra	86.66 48 P	P 20 03 31.1 -0.4
B12A	Libby	86.69 41 P	P 20 03 31.8 0.0
T06C	Millerton Lake	86.77 53 P	P 20 03 32.1 0.0
K09A	Bozner Ranch,	86.81 47 P	P 20 03 32.0 -0.3
E11A	Bogner Ranch,	86.88 43 P	P 20 03 32.0 -0.6
SMMC	Smiler	86.95 55 P	P 20 03 33.0 0.0
H10A	Noah's Angus R	86.99 45 P	P 20 03 32.8 -0.5
KCC	Kaiser Creek	86.99 53 P	P 20 03 32.7 -0.5
R07C	Lee Vining	87.01 52 P	P 20 03 32.9 -0.4
N08A	GE Springer Mi	87.01 49 P	P 20 03 33.9 +0.6
L09A	Wilkinson Ranch	87.04 48 P	P 20 03 33.5 +0.1
F11A	Grangeville	87.04 44 P	P 20 03 32.6 -0.8
G11A	Walters Elk Ra	87.10 44 P	P 20 03 33.1 -0.6
ARCES	ARCES Array B	87.15 342 P	P 20 03 33.5 -0.4
PKM	Peak Mountain	87.20 55 P	P 20 03 35.2 +1.0
J10A	Berg Farm, Mel	87.30 46 P	P 20 03 34.5 -0.2
A13A	Flathead Natio	87.31 40 P	P 20 03 34.6 -0.2
M09A	Marrel Ranch,	87.34 48 P	P 20 03 34.3 -0.6
K10A	MacKenzie Ranc	87.40 47 P	P 20 03 35.3 +0.1
B13A	Whitefish	87.44 41 P	P 20 03 35.6 +0.3
N09A	Rock Creek Ran	87.44 49 P	P 20 03 36.0 +0.7
H11A	Dotolly	87.47 45 P	P 20 03 35.0 -0.5
NVAR	Mina Array Bea	87.49 51 P	P 20 03 36.2 +0.6
VES	Yesler, Richgr	87.55 54 P	P 20 03 35.2 -0.7
BSC	Santa Cruz Isl	87.57 56 P	P 20 03 35.0 -1.0
C13A	Hot Springs	87.57 42 P	P 20 03 35.6 -0.3
Q08A	Gabbs	87.66 51 P	P 20 03 37.0 +0.5
R08A	Mina	87.66 51 P	P 20 03 37.1 +0.7
F12A	Elk City	87.68 44 P	P 20 03 35.6 -0.9
I11A	Placerville	87.73 45 P	P 20 03 36.5 -0.3
S08C	White Mtn Res	87.83 52 P	P 20 03 37.9 +0.7

O09A	Fish Creek Ran	87.87 49 P	P 20 03 38.0 +0.6
ARVC	Arvin	87.93 55 P	P 20 03 37.7 +0.1
MFID	Wolman Farm,	87.96 46 P	P 20 03 37.9 +0.1
M10A	L.L. Ranch, Tu	87.98 48 P	P 20 03 38.4 +0.5
ISA	Isabella	88.07 54 P	P 20 03 38.1 -0.3
C14A	Swan Lake	88.08 41 P	P 20 03 38.2 -0.2
CWC	Cottonwood Cre	88.18 53 P	P 20 03 39.0 +0.2
N10A	Dunphy	88.22 49 P	P 20 03 39.4 +0.3
F13A	Darby	88.29 43 P	P 20 03 38.8 -0.6
H12A	Diamond D Ranc	88.30 45 P	P 20 03 39.3 -0.1
O10A	Cortez Mining,	88.34 49 P	P 20 03 39.9 +0.2
D14A	Greenough	88.44 42 P	P 20 03 41.1 +1.0
R09A	Tonopah	88.48 51 P	P 20 03 40.8 +0.5
S09A	Goldfield	88.50 52 P	P 20 03 40.9 +0.5
J12A	Stokes Ranch,	88.51 46 P	P 20 03 40.4 0.0
M11A	Holland Ranch,	88.54 48 P	P 20 03 41.2 +0.7
DECC	Green Verdugo	88.55 55 P	P 20 03 40.8 +0.1
P10A	Eureka	88.56 50 P	P 20 03 41.3 +0.6
G13A	Cobalt	88.57 44 P	P 20 03 40.5 -0.1
E14A	Clinton	88.66 43 P	P 20 03 40.9 -0.2
EDW2	Edwards Air Fo	88.66 55 P	P 20 03 41.7 +0.6
LRMC	Laurel Mountai	88.74 54 P	P 20 03 42.3 +0.8
MPMC	Manual Prospec	88.74 53 P	P 20 03 41.8 +0.4
N11A	Elko Archery C	88.75 48 P	P 20 03 42.2 +0.6
K12A	Draper Farm, C	88.83 46 P	P 20 03 42.5 +0.5
HLID	Hailey	88.90 45 eP	P 20 03 42.3 0.0
HLID	Hailey	88.90 45 P	P 20 03 42.5 +0.3
O11A	Cowboy Ranch,	89.01 49 P	P 20 03 43.4 +0.6
R10A	Warm Springs	89.05 51 P	P 20 03 43.7 +0.8
BFSC	Mount Baldy St	89.09 55 P	P 20 03 43.2 +0.1
D15A	Lincoln	89.10 42 P	P 20 03 44.1 +0.9
P11A	Circle Ranch,	89.10 50 P	P 20 03 44.1 +0.9
J13A	Cove Ranch, Pi	89.11 46 P	P 20 03 43.6 +0.3
FURC	Furnace Creek,	89.12 53 P	P 20 03 43.9 +0.6
M12A	Wells	89.18 48 P	P 20 03 44.4 +0.9
E15A	Deer Lodge	89.22 42 P	P 20 03 43.6 -0.2
N12A	Clover Valley	89.25 48 P	P 20 03 44.7 +0.8
Q11A	Duckwater	89.38 50 P	P 20 03 45.0 +0.6
K13A	Stover Farm, H	89.40 46 P	P 20 03 45.3 +0.7
GSC	Goldstone	89.48 54 P	P 20 03 45.8 +0.8
F15A	Butte	89.50 43 P	P 20 03 45.1 +0.1
U10A	Ash Meadows, A	89.54 53 P	P 20 03 46.4 +1.1
MURC	Murrieta	89.63 56 P	P 20 03 45.8 +0.1
L13A	Double Diamond	89.67 47 P	P 20 03 46.5 +0.7
G15A	Dillon	89.72 44 P	P 20 03 46.1 0.0
SHOC	Shoshone	89.73 53 P	P 20 03 46.6 +0.5
M13A	Montello	89.73 48 P	P 20 03 46.8 +0.7
P12A	Montello	89.75 49 P	P 20 03 46.6 +0.4
N13A	Wendover, West	89.86 48 P	P 20 03 47.3 +0.6
I09C	Camp Elliot, M	89.90 56 P	P 20 03 47.0 +0.1
Q12A	Willow Creek R	89.94 50 P	P 20 03 47.8 +0.7
HEC	Hector Ludlow		

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KHC Kasperske Hory, WET Wettzell, ZST Bratislava, etc.

ISCJB 24 20:04:23.9:1.6, 1332N:006x1259E:0.1, h33km, 16km, mb4.2/13, Error ellipse: s-maj=18.8km s-min=9.7km az=146.0

MAN 24 20:04:24.2, 1331N:1257.7E, h77km, mb3.0, ML4.3, MS6.4, NEIC 24 20:04:31.6:2.2, 1328N:1259.4E, h88km, 21km, mb4.6/5, Error ellipse: s-maj=16.9km s-min=9.3km az=73.0

IDC 24 20:04:45.8:3.4, 1310N:1257.5E, h235km, 33km, mb3.4/8, mb1 3.5/8, mb1mx3.3/19, mbtmp3.4/8, Error ellipse: s-maj=53.6km s-min=11.4km az=75.0

ISC 24 20:04:24.6:3.1, 1332N:005x1258E:0.08, h24km, 23km, n29, r101/31, mb4.2/13, C, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CNP Catarman, MSLP Ormoc, BOAC Boac, etc.

CSEM 24 20:08:25.3:1.1, 3932N:2995W, h0km, ML2.5, Error ellipse: s-maj=25.8km s-min=9.5km az=42.0, After PDA

PDA 24 20:08:25.3:1.1, 3932N:2995W, h0km, MD3.4, ML2.5, Error ellipse: s-maj=25.8km s-min=9.5km az=42.0

SVSA 24 20:08:25.3:1.1, 3932N:2995W, h0km, MD3.4, ML2.5, Error ellipse: s-maj=25.8km s-min=9.5km az=42.0, Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PTCA Ponta do Capel, PCED Cedros, CALA Caldeira, etc.

IDC 24 20:27:24.9:7.6, 2178N:14222E, h392km, 85km, mb3.0/6, mb1 3.3/7, mb1km s-min=14.8km s-min=87.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSRs Korea Array, WRA Warramunga Arr, YKA Yellowknife Ar, etc.

1.1nm, 0.7s, baz=45, slow=4.3, SNR=5.6

WEL 24 20:37:24.7:0.6, 4498S:16690E, h12km, ML3.6/9, 2C, Error ellipse: s-maj=6.3km s-min=2.2km az=90.0, Off west coast of South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DCZ Deep Cove, MSZ Milford Sound, MLZ Mavora Lakes, etc.

CSEM 24 20:45:43.7, 1213N:4390E, h4km, ML3.5, After DHMR DHMR 24 20:45:43.7:0.9, 1213N:4390E, h5km, 4km, ML3.5, 1C-1D, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TRBA At Turbah, ADEN Aden, UDYN Al'Udayn, etc.

CASC 24 20:48:47.0:2.0, 879N:8286W, h18km, 6km, MD4.0, 3C-2D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CTCR Cotoan, BRU Barú, ACR Cerro Adams, etc.

DHMR 24 20:53:34.5:1.5, 1185N:4299E, h11km, 16km, ML3.7, 2D, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TRBA At Turbah, UDYN Al'Udayn, LBSO LBSO, etc.

WEL 24 21:00:16.9:0.4, 4096S:17286E, h213km, 2km, ML3.5/8, 5C, Error ellipse: s-maj=3.2km s-min=2.8km az=0.0, Off west coast of South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like QRZ Quartz Range, NRZ Nelson, TNZ Tophouse, etc.

ISCJB 24 21:33:54.7:1.0, 212S:0.1x17922W:0.08, h608km, 15km, mb3.7/15, Error ellipse: s-maj=16.9km s-min=9.5km az=127.1

NEIC 24 21:33:55.9:1.1, 2109S:17919W, h614km, 14km, mb3.9/9, Error ellipse: s-maj=15.2km s-min=11.6km az=156.0

IDC 24 21:33:58.7:2.3, 2124S:17931W, h645km, 28km, mb3.0/9, mb1 3.0/11, mb1mx3.2/17, mbtmp3.0/11, Error ellipse: s-maj=20.5km s-min=13.6km az=174.0

ISC 24 21:33:54.6:1.0, 212S:0.1x17912W:0.08, h590km, 14km, n34, r082/29, mb3.7/15, Fiji Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, URZ Urewera, HNR Honiara, etc.

VNDA 24 21:58:05.2, 4033N:2251E, h7km, 6km, Error ellipse: s-maj=4.7km s-min=3.1km az=119.4

ATH 24 21:58:04.9, 4033N:2246E, h10km, MD3.2/4, CSEM 24 21:58:04.9:0.1, 4034N:2247E, h15km, ML2.6, Error ellipse: s-maj=1.4km s-min=1.2km az=70.0

THE 24 21:58:05.2, 4033N:2251E, h7km, MD3.2(ATH), After THE

SKO 24 21:58:06.2, 4037N:2257E, h15km, M1.7, ML2.2, ISC 24 21:58:04.9:0.4, 4033N:002:2251E:0.03, h14km, 6km, n30, r0572/43, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LIT Litokhoron, THE Thessaloniki, HORT Horti, etc.

DHMR 24 20:53:34.5:1.5, 1185N:4299E, h11km, 16km, ML3.7, 2D, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KZN Kozani, GRG Griva, PLG Polygyros, etc.

WEL 24 21:00:16.9:0.4, 4096S:17286E, h213km, 2km, ML3.5/8, 5C, Error ellipse: s-maj=3.2km s-min=2.8km az=0.0, Off west coast of South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like QRZ Quartz Range, NRZ Nelson, TNZ Tophouse, etc.

ISCJB 24 21:33:54.7:1.0, 212S:0.1x17922W:0.08, h608km, 15km, mb3.7/15, Error ellipse: s-maj=16.9km s-min=9.5km az=127.1

NEIC 24 21:33:55.9:1.1, 2109S:17919W, h614km, 14km, mb3.9/9, Error ellipse: s-maj=15.2km s-min=11.6km az=156.0

IDC 24 21:33:58.7:2.3, 2124S:17931W, h645km, 28km, mb3.0/9, mb1 3.0/11, mb1mx3.2/17, mbtmp3.0/11, Error ellipse: s-maj=20.5km s-min=13.6km az=174.0

ISC 24 21:33:54.6:1.0, 212S:0.1x17912W:0.08, h590km, 14km, n34, r082/29, mb3.7/15, Fiji Islands region

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

CSEM 24 22:00:08.0:3.0, 3945N:2991W, h5km, ML2.8, Error

ellipse: s-maj=9.8km s-min=6.2km az=63.0, After PDA
PDA 24 22:00:08.3.0.0, 3945N,2991W, h5km, MD3.5, ML2.8,
Error ellipse: s-maj=9.8km s-min=6.2km az=63.0

SVSA 24 22:00:08.3.0.0, 3945N,2991W, h5km, MD3.5, ML2.8,
Error ellipse: s-maj=9.8km s-min=6.2km az=63.0,
Azores Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time h m s, Res h m s, ISC. Includes stations like CEDROS, CALA, ROSA, PICO, etc.

ISCJB 24 22:06:59.2.1.4, 180S.0.1x1753W.0.1, h119km, 15km,
mb3.8/6, Error ellipse: s-maj=20.4km s-min=11.5km
az=90.6

ISC 24 22:07:00.5.2.2, 1807Sx17513W, h123km, 21km, mb3.4/5,
mb1 3.6/6, mb1mx3.4/17, mbmt3.4/6, MS3.6/1, Ms1 3.6/1,
ms1mx2.9/15, Error ellipse: s-maj=44.3km s-min=14.6km
az=137.0

NEIC 24 22:07:01.2.1.1, 1806S.17523W, h126km, 11km, mb4.0/1,
Error ellipse: s-maj=13.9km s-min=9.2km az=143.0

ISC 24 22:07:00.6.1.3, 180S.01.1752W.01, h118km, 14km, n17,
c087/17, mb3.8/6, Tonga Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time h m s, Res h m s, ISC. Includes stations like AFIMAMU, AFI, RAO, HNR, etc.

ISCJB 24 22:49:12.2.0.8, 4145N.003x4394E.005, h4km, 8km,
Error ellipse: s-maj=7.3km s-min=4.3km az=126.1

CSEM 24 22:49:13.4.0.6, 4145N.4398E, h25km, mb3.7, Error
ellipse: s-maj=21.4km s-min=6.9km az=110.0

MOS 24 22:49:13.1.1.8, 4148N.4413E, h5km, mb3.7/1, Error
ellipse: s-maj=65.5km s-min=11.8km az=89.9

ISC 24 22:49:12.6.1.0, 4142N.003x4392E.006, h4km, 9km, n17,
c1501/32, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time h m s, Res h m s, ISC. Includes stations like KZR, GOR, MTA, etc.

MAN 24 23:02:46.2, 777N.12529E, h35km, mb3.7, ML4.8, MS2.3,
Mindanao

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time h m s, Res h m s, ISC. Includes stations like BUKP, MSLP, etc.

CSEM 24 23:04:02.2, 6718N.2068E, h8km, ML3.2, Mining
explosion, After UPP

UPP 24 23:04:02.2, 6718N.2068E, h8km, ML3.2, Mining
explosion

HEL 24 23:04:02.5.0.0, 6718N.2068E, h0km, ML3.2(UPP),
Explosion, Sweden

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time h m s, Res h m s, ISC. Includes stations like DUNU, MASU, etc.

SGF eSG Sg 23 05 12.4 -3.4

CSEM 24 23:07:33.0, 6718N.2068E, h3km, ML3.6, Mining
explosion, After UPP

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time h m s, Res h m s, ISC. Includes stations like DUNU, MASU, etc.

ISCJB 24 23:18:05.5.0.8, 1708N.004x10104W.003, h22km, 6km,
mb3.5/8, Error ellipse: s-maj=7.7km s-min=4.2km az=49.5

MEX 24 23:18:06.1.0.6, 1704N.10109W, h8km, 6km, MD4.3
NEIC 24 23:18:06.6, 1705N.10109W, h8km, mb4.3/3,
MD4.3(MEX), After MEX.

ISC 24 23:18:13.9.7.1, 1649N.10049W, h148km, 52km, mb3.2/3,
mb1 3.5/5, mb1mx3.3/19, mbmt3.1/5, Error ellipse:
s-maj=95.1km s-min=35.3km az=24.0

ISC 24 23:18:06.2.0.8, 1715N.005x10098W.003, h7km, 5km, n38,
c1822/61, mb3.5/3, Guerrero

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time h m s, Res h m s, ISC. Includes stations like ZIIG, CALG, etc.

CMIG Matias Romero 5.83 90 P Pn 23 19 40.9 +7.9

CMIG Matias Romero 5.83 90 P Pn 23 19 41.1 +1.0

CMIG Matias Romero 5.83 90 P Pn 23 19 40.9 +7.9

CMIG Matias Romero 5.83 90 P Pn 23 19 41.1 +1.0

CMIG Matias Romero 5.83 90 P Pn 23 19 40.9 +7.9

CMIG Matias Romero 5.83 90 P Pn 23 19 41.1 +1.0

CMIG Matias Romero 5.83 90 P Pn 23 19 40.9 +7.9

CMIG Matias Romero 5.83 90 P Pn 23 19 41.1 +1.0

CMIG Matias Romero 5.83 90 P Pn 23 19 40.9 +7.9

CMIG Matias Romero 5.83 90 P Pn 23 19 41.1 +1.0

CMIG Matias Romero 5.83 90 P Pn 23 19 40.9 +7.9

CMIG Matias Romero 5.83 90 P Pn 23 19 41.1 +1.0

CMIG Matias Romero 5.83 90 P Pn 23 19 40.9 +7.9

CMIG Matias Romero 5.83 90 P Pn 23 19 41.1 +1.0

CMIG Matias Romero 5.83 90 P Pn 23 19 40.9 +7.9

CMIG Matias Romero 5.83 90 P Pn 23 19 41.1 +1.0

CMIG Matias Romero 5.83 90 P Pn 23 19 40.9 +7.9

CMIG Matias Romero 5.83 90 P Pn 23 19 41.1 +1.0

CMIG Matias Romero 5.83 90 P Pn 23 19 40.9 +7.9

CMIG Matias Romero 5.83 90 P Pn 23 19 41.1 +1.0

CMIG Matias Romero 5.83 90 P Pn 23 19 40.9 +7.9

CMIG Matias Romero 5.83 90 P Pn 23 19 41.1 +1.0

CMIG Matias Romero 5.83 90 P Pn 23 19 40.9 +7.9

CMIG Matias Romero 5.83 90 P Pn 23 19 41.1 +1.0

NEIC 24 23:22:57.0, 1988Sx13373E, h10km, ML3.8(AUST), After
AUST.

ISCJB 24 23:22:59.0.0.9, 1996S.006x13387E.004, h25km, 8km,
mb3.9/2, Error ellipse: s-maj=9.6km s-min=6.6km az=36.4

ISC 24 23:22:59.6.1.0, 2007Sx13390E, h0km, mb3.9/2,
mb1 4.1/6, mb1mx4.0/12, mbmt4.1/6, ML4.1/3, MS3.2/1,
Ms1 3.1/1, ms1mx2.3/20, Error ellipse: s-maj=22.6km
s-min=6.6km az=166.0

AUST 24 23:23:00.8, 1977S.13396E, h12km, ML3.8
ISC 24 23:22:59.1.1.1, 2006S.005x13384E.004, h5km, 9km, n29,
c1504/46, mb3.9/2, 1C-1D, Northern Territory

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BBLS Bajina Basta, NVS Novosibirsk, ULN Ulanbaatar, etc.

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

HLW 25 10:35:24.8, 2992N, 3662E, h4km, Mb3.2
ISCJB 25 10:35:27.2, 1.0, 2985N, 006.3632E, 007, h0km, Error ellipse: s-maj=9.4km s-min=7.1km az=91.5

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like AQBQ Aqaba, HRFI Mount Harif, MZDA Masada, etc.

NEIC 25 11:10:49.7, 6152N, 14656W, h15km, ML3.5(AEIC), ML3.8(PMR), After AEIC, Southern Alaska

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SML Sawmill, KNK Knik Glacier, EYAK Cordova Ski Ar, etc.

CSEM 25 11:19:53.1, 6791N, 2014E, h13km, ML2.9, Suspected Mining explosion. After UPP

UPP 25 11:19:53.1, 6791N, 2014E, h13km, ML2.9, Suspected Mining explosion.

HEL 25 11:19:53.7, 0.2, 6789N, 2013E, h0km, ML2.0, ML2.9 (UPP), Explosion, Sweden

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KUA Kuravaara, NIKU Nikkaluokta, LANU Lannavaara, etc.

ISCJB 25 10:30:32.6, 0.7, 1322N, 12584E, h0km, mb4, 0/11, mb1 4.2/11, mb1mx4.1/20, mbtmp4.0/11, MS3.4/4, Ms1 3.4/4, ms1mx3.2/23, Error ellipse: s-maj=58.2km s-min=14.2km az=75.0

MAN 25 10:30:35.2, 1341N, 12587E, h31km, mb3.9, ML4.9, MS5.3

NEIC 25 10:30:36.9, 0.5, 1329N, 12618E, h30km, mb4.8/2, Error ellipse: s-maj=20.8km s-min=9.5km az=65.0

ISC 25 10:30:36.7, 2.1, 1325N, 005.12595E, 007, h27km, 19km, n34, c1504/33, mb4.1/12, MS3.3/3, ID, Philippine Islands region

ISC 25 10:30:36.7, 2.1, 1325N, 005.12595E, 007, h27km, 19km, n34, c1504/33, mb4.1/12, MS3.3/3, ID, Philippine Islands region

IDC 25 11:53:08.0, 0.6, 5683S, 2429W, h0km, mb4.5/10, mb1 4.6/11, mb1mx4.4/17, mbtmp4.5/11, ML4.1/1, MS3.9/12, Ms1 3.9/12, ms1mx3.9/17, Error ellipse: s-maj=21.5km s-min=17.1km az=170.0

ISCJB 25 11:53:08.0, 0.5, 5688S, 007.242W, 02, h10km, mb4.6/13, MS3.9/11, Error ellipse: s-maj=13.0km s-min=8.8km az=122.1

NEIC 25 11:53:09.5, 0.3, 5686S, 2421W, h10km, mb5.1/4, Error ellipse: s-maj=11.0km s-min=10.0km az=221.0

ISC 25 11:53:09.6, 0.5, 5691S, 007.242W, 02, h10km, n37, c0922/33, mb4.6/13, MS3.9/11, South Sandwich Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, etc.

SNAIA Sanae 17.29 157 P Pn 11 57 12.9 +1.8

SNAIA Palmer Station 20.62 31 P Pn 11 57 48.9 -0.2

USHA Ushuaia 24.56 256 P Pn 11 58 28.0 -1.8

USHA Ushuaia 24.56 256 P Pn 11 58 28.0 -1.8

USHA Ushuaia 24.56 256 P Pn 11 58 28.0 -1.8

USHA Ushuaia 24.56 256 P Pn 11 58 28.0 -1.8

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USHA Ushuaia 24.56 256 P Pn 11 58 28.0 -1.8

USHA Ushuaia 24.56 256 P Pn 11 58 28.0 -1.8

805

Table with columns: Call sign, Location, Frequency, Power, Mode, and other parameters. Includes stations like ANTO Ankara, AMAG Maghara, ZNM GZR, etc.

2006 DEC

Table with columns: Call sign, Location, Frequency, Power, Mode, and other parameters. Includes stations like ORIF Oris-en-Rattie, BRU Pruhonice, AKASG, etc.

25d 14h

Table with columns: Call sign, Location, Frequency, Power, Mode, and other parameters. Includes stations like CAF Calviac, LOR Lormes, AVF, etc.

25d 14h

Table of station data for 25d 14h, including columns for station name, time, and other parameters. Includes stations like Obninsk, Saint Gilles, Quistinic, etc.

2006 DEC

Table of station data for 2006 DEC, including columns for station name, time, and other parameters. Includes stations like Lusaka, Koldanda, Hyderabad, etc.

806

Table of station data for 806, including columns for station name, time, and other parameters. Includes stations like GVD Gavdhos, VAM Varnos, KYTH Kithira, etc.

ZAL	comp-Z,266nm,19.2s,baz=67,slov=39	Zalesovo	42.21 305	iP	P	15 45 37.5	+0.2
ZAL	comp-Z,1.0nm,0.4s	Zalesovo	42.21 305	P	P	15 45 36.4	-1.0
ZAL				PcP	P	15 47 30.0	-0.4
ZAL				LR	LR	16 05 07.0	
MK31		Makanchi Array	46.53 297	eP	P	15 46 11.1	-0.7
KURK		Kurchatov	46.95 303i	eP	P	15 46 15.1	0.0
KURK		Kurchatov	46.95 303	eP	P	15 46 14.0	-1.0
LSA	comp-Z,2.5nm,0.4s,mb5.3	Lhasa	49.93 273	P	P	15 46 41.0	+3.1
LSA		Lhasa	49.93 273	eP	P	15 46 40.1	+2.2
LSA				Pmax	Pmax		
LSA	comp-Z,9.0nm,0.6s,mb5.0	Lhasa	49.93 273	eP	P	15 46 40.1	+2.2
LSA	comp-Z,8.5nm,0.6s,mb5.0			P	P	15 46 41.2	-0.6
BVAR	comp-Z,1.6nm,0.4s,mb4.4,baz=57,slov=7.7,SNR=15	Borovyoye Array	50.45 309	P	P	15 47 59.0	-0.3
BVAR				PcP	P		
BVAR	comp-Z,3.9nm,0.4s,baz=85,slov=3.1,SNR=17			P	P		
BRVK		Borovyoye	50.49 309	eP	P	15 46 42.7	+0.5
YKA		Yellowknife Ar	50.93 37	P	P	15 46 45.1	-0.4
YKA	comp-Z,2.2nm,0.5s,mb4.3,baz=296,slov=7.1,SNR=66			PcP	P	15 48 00.2	-0.8
CHTO	comp-Z,1.7nm,0.5s,baz=303,slov=3.8,SNR=16	Chiang Mai	51.85 256	eP	P	15 46 53.8	+1.4
CHTO				Pmax	Pmax		
CHTO	comp-Z,1.1nm,0.8s,mb4.8	Chiang Mai	51.85 256	eP	P	15 46 53.8	+1.4
CHTO	comp-Z,1.1nm,0.8s,mb4.8			P	P		
SHL		Shillong	52.04 268	iP	P	15 46 54.0	+0.2
AAK		Ala-Archa	53.43 296i	eP	P	15 47 04.1	+0.1
AAK				Pmax	Pmax		
AAK	comp-Z,3.0nm,1.0s,mb4.2	Ala-Archa	53.43 296	eP	P	15 47 03.5	-0.5
AAK	comp-Z,2.6nm,0.8s,mb4.2			P	P		
JIRN		Jiri	54.59 274	eP	P	15 47 13.0	+0.5
ARU		Arti	54.61 317	iP	P	15 47 11.8	-0.8
ARU				e	e	15 47 29.6	+0.3
ARU				eS	eS	15 49 11.7	
ARU				eSS	eSS	15 45 46.9	-0.6
ARU				Pmax	Pmax	15 58 30.1	-0.8
GUN	comp-Z,4.0nm,0.7s,mb4.6	Gumba	54.65 275	eP	P	15 47 14.1	+1.2
B06A	comp-Z,14nm,0.5s,mb5.2	Pulchoki	54.75 54	iP	P	15 47 12.8	-0.9
B06A				P	P		
A07A		Ashnola River,	55.07 53	iP	P	15 47 15.0	-0.9
KKN		Kakani	55.13 275	eP	P	15 47 18.1	+1.7
KKN	comp-Z,16nm,0.5s,mb4.3	Kakani	55.13 275	eP	P	15 47 18.1	+1.7
KKN				Pmax	Pmax		
PKI	comp-Z,16nm,0.5s,mb5.3	Pulchoki	55.18 275	eP	P	15 47 18.1	+1.3
PKI	comp-Z,28nm,0.9s,mb5.3	Pulchoki	55.18 275	eP	P	15 47 18.1	+1.3
PKI				Pmax	Pmax		
DMN	comp-Z,28nm,0.9s,mb5.3	Daman	55.37 275	eP	P	15 47 19.8	+1.7
GKN	comp-Z,45nm,0.8s,mb5.5	Gorkha	55.44 275	eP	P	15 47 19.8	+1.2
B07A	comp-Z,23nm,0.5s,mb5.5	Winthrop	55.54 54	iP	P	15 47 18.2	-1.2
A08A		Turner Farm, O	55.73 53	iP	P	15 47 19.7	-1.0
D06A		Cle Elum	55.85 55	iP	P	15 47 20.5	-1.1
C07A		Waterville	56.01 54	iP	P	15 47 21.5	-1.2
B08A		Colville Reser	56.03 53	iP	P	15 47 22.2	-0.7
A09A		Danville	56.09 53	iP	P	15 47 22.8	-0.4
K0LN		Koldanda	56.29 276	eP	P	15 47 25.8	+1.1
D07A	comp-Z,21nm,0.8s,mb5.2	Quincy	56.34 55	iP	P	15 47 23.9	-1.2
EDM		Edmonton	56.39 46	eP	P	15 47 25.0	-0.4
J02A		Umpqua	56.45 60	iP	P	15 47 25.5	-0.3
C08A		Higginbotham F	56.52 54	iP	P	15 47 25.7	-0.6
HNR		Honiara	56.55 171	LR	LR	16 06 56.0	
B09A	comp-Z,48nm,19.5s,baz=188,slov=31	Rice	56.65 53	iP	P	15 47 26.5	-0.7
E07A		Sunnyside	56.77 56	iP	P	15 47 27.6	-0.5
K02A		Glendale	56.85 61	iP	P	15 47 26.5	-2.2
I04A		Tendick Farm,	56.89 59	iP	P	15 47 28.9	0.0
KEV		Kevo	57.00 340	eP	P	15 47 27.0	-2.8
KEV	comp-Z,18nm,1.2s,mb5.0	Kevo	57.00 340	eP	P	15 47 27.0	-2.8
KEV				Pmax	Pmax		
D08A	comp-Z,18nm,1.2s,mb5.0	Wollman Farm,	57.01 55	iP	P	15 47 28.6	-1.2
H05A		Madras	57.09 58	iP	P	15 47 29.9	-0.4
F07A		Phinny Hill Vi	57.11 56	iP	P	15 47 30.7	+0.2
E08A		Dider Farm, EI	57.26 55	iP	P	15 47 31.0	-0.6
A11A		Hall Mountain,	57.30 52	iP	P	15 47 32.7	+0.8
D09A		Jones Farm, Ri	57.34 54	iP	P	15 47 32.1	-0.1
I05A		Bend	57.35 59	iP	P	15 47 32.7	+0.6
J04A		Umpqua Nationa	57.39 60	iP	P	15 47 33.9	+1.4
C10A		Spilker Farm,	57.45 53	iP	P	15 47 32.5	-0.4
ARCES		ARCESS Array B	57.52 341	P	P	15 47 32.5	-0.9
ARCES	comp-Z,12nm,1.1s,mb4.8,baz=24,slov=7.5,SNR=12			PcP	P	15 48 25.9	-0.8
ARCES	comp-Z,5.1nm,0.8s,baz=29,slov=2.8,SNR=4.6			LR	LR	16 17 37.0	
ARCES	comp-Z,156nm,18.4s,baz=203,slov=42			P	P	15 47 32.5	-0.9
ARCES				P	P	15 48 25.5	
ARCES		ARCESS Array B	57.52 341	P	P	15 47 32.5	-0.9
ARCES				PcP	P	15 48 25.5	-0.8
ARCES				LR	LR	16 17 37.0	
H06A		Lindquist Farm	57.55 58	iP	P	15 47 33.1	-0.5
B11A		Sandpoint	57.60 52	iP	P	15 47 33.8	-0.2
G07A		Ruggs Ranch, H	57.63 57	iP	P	15 47 33.8	-0.4
A12A		Yaak River Ran	57.70 51	iP	P	15 47 35.0	+0.3
G08A		Pilot Rock	58.02 56	iP	P	15 47 37.0	+0.1
I06A		Prineville	58.09 58	iP	P	15 47 37.9	+0.5
L04A		Klamath Falls	58.15 61	iP	P	15 47 38.4	+0.6
E10A		Myers Farm, Un	58.35 54	iP	P	15 47 38.5	-0.7
K05A		Summer Lake	58.42 60	iP	P	15 47 40.4	+0.8
I07A		Ize	58.42 58	iP	P	15 47 39.1	-0.6
F10A		Beach Ranch, E	58.59 55	iP	P	15 47 41.1	+0.3
H08A		Prairie City	58.64 57	iP	P	15 47 40.5	-0.7
B13A		Whitefish	58.66 51	P	P	15 47 41.4	0.0
WDC	comp-Z,58,SNR=8.9	Whiskeytown Da	58.72 63	iP	P	15 47 41.0	-0.7
K06A		Valley Falls	58.75 59	P	P	15 47 43.0	+1.0
L05A		Lakeview	58.86 60	iP	P	15 47 43.4	+0.7
E11A		Bogner Ranch,	58.93 54	iP	P	15 47 42.8	-0.4
C13A		Hot Springs	59.02 52	iP	P	15 47 44.2	+0.3

M05C		Lookout	59.09 61	iP	P	15 47 42.9	-1.4
H09A		Durkee	59.13 56	iP	P	15 47 44.1	-0.4
F11A		Greenville	59.24 54	iP	P	15 47 45.9	+0.6
MOD		Modoc	59.26 60	iP	P	15 47 45.2	-0.3
K07A		Rock Creek Ran	59.41 59	iP	P	15 47 46.4	-0.1
D13A		Huson	59.42 52	iP	P	15 47 46.4	-0.3
J08A		Circle Bar Ran	59.45 58	iP	P	15 47 47.2	+0.4
I09A		Lost Marbles R	59.50 57	iP	P	15 47 47.4	+0.2
H10A		Noah's Angus R	59.69 56	P	P	15 47 48.6	+0.1
L07A		Adell	59.76 60	iP	P	15 47 48.3	-0.7
K08A		Mann Creek Ran	59.83 58	P	P	15 47 50.4	+1.0
J09A		Fry Pan Ranch,	59.88 58	iP	P	15 47 50.0	+0.3
D14A		Greenough	59.96 52	P	P	15 47 50.5	+0.2
ORV		Oroville	59.97 63	P	P	15 47 49.4	-1.0
E13A		Victor	59.98 53	iP	P	15 47 50.6	+0.1
H11A		Donnelly	60.04 55	P	P	15 47 50.9	+0.1
O05C		Quincy	60.08 62	iP	P	15 47 50.2	-0.9
CHMT		Chamberlain Mo	60.20 52	eP	P	15 47 51.5	-0.5
L08A		Fields	60.24 59	iP	P	15 47 53.1	+0.9
N06A		Buffalo Meadow	60.24 61	iP	P	15 47 51.9	-0.4
M07A		Soldier Meadow	60.25 60	iP	P	15 47 53.0	+0.7
K09A		Rome	60.29 58	iP	P	15 47 52.9	+0.3
F13A		Darby	60.31 54	P	P	15 47 52.5	-0.2
E14A		Edwards Ar Fi	60.38 53	P	P	15 47 53.4	+0.2
D15A		Lincoln	60.52 52	iP	P	15 47 54.0	-0.1
O06A		Flanigan	60.61 61	iP	P	15 47 54.6	-0.2
M08A		Happy Creek Ra	60.68 60	iP	P	15 47 55.5	+0.3
K10A		MacKenzie Ranc	60.74 58	iP	P	15 47 56.2	+0.6
N07B		Gerlach	60.74 60	iP	P	15 47 56.5	+0.8
L09A		Wilkinson Ranc	60.74 59	iP	P	15 47 56.4	+0.7
H12A		Diamond D Ranc	60.78 55	iP	P	15 47 56.9	+0.1
G13A		Cobalt	60.79 54	P	P	15 47 55.9	-0.1
F14A		Wanam	60.82 53	iP	P	15 47 56.2	0.0
E15A		Deer Lodge	60.84 52	P	P	15 47 56.4	+0.1
LAVA		Lav Cap Winer	60.93 63	iP	P	15 47 56.2	-0.8
MFID		Camas Ranch	60.94 56	iP	P	15 47 56.8	-0.2
JOF		Joensuu	60.97 333	eP	P	15 47 55.5	-1.7
O07A		Toulon	61.18 61	P	P	15 47 59.5	+0.9
N08A		GE Springer Mi	61.24 60	P	P	15 47 59.8	+0.7
M09A		Marrel Ranch,	61.24 59	iP	P	15 47 59.2	+0.2
F15A		Butte	61.28 53	P	P	15 47 59.7	+0.4
EGMT		Eggleton	61.36 49	iP	P	15 47 59.8	0.0
R05C		Kirkwood Meado	61.37 63	iP	P	15 47 59.4	-0.5
J12A		Stos Ranch,	61.46 56	iP	P	15 48 01.3	+0.8
N09A		Rock Creek Ran	61.55 60	iP	P	15 48 01.4	+0.2
CMB		Columbia Colle	61.60 64	iP	P	15 48 01.6	+0.2
HLID		Hailey	61.65 56	iP	P	15 48 02.6	+0.8
KBL		Kabul	61.67 291	eP	P	15 48 02.2	+0.3
PACP		Pacheco Peak	61.69 65	iP	P	15 48 01.5	-0.5
G15A		Dillon	61.71 53	P	P	15 48 02.5	+0.4
M10A		LL Ranch, Tu	61.71 59	P	P	15 48 03.4	+1.2
R06C		Coleville	61.86 63	iP	P	15 48 03.6	+0.4
J13A		Cove Ranch, Pi	61.89 56	iP	P	15 48 04.0	+0.6
HAST		UC Hastings Re	61.91 66	iP	P	15 48 03.4	-0.1
K12A		Draper Farm, C	61.96 57	iP	P	15 48 05.0	+1.1
S06C		San Francisco	62.02 64	iP	P	15 48 03.7	-0.6
S05C		Merced	62.07 64	iP	P	15 48 04.3	-0.3
O09A		Fish Creek Ran	62.18 60	iP	P	15 48 05.8	+0.4
M11A		Holland Ranch,	62.21 58	iP	P	15 48 06.5	+1.0
N10A		Dumphy	62.24 59	iP	P	15 48 06.6	+0.9
R07C		Lee Vining	62.38 63	iP	P	15 48 07.6	+0.9
QLMT		Earthquake Lak	62.50 53	eP	P	15 48 08.2	+0.6
O10A		Cortez Mining,	62.51 60	iP	P	15 48 08.2	+0.6
Q08A		Gabbs	62.57 62	iP	P	15 48 08.0	+0.1
NVAR		Mina Array Bea	62.62 62	P	P	15 48 08.7	+0.4
N11A		Elko Archery C	62.63 59	iP	P	15 48 08.8	+0.4
T06C		Millerton Lake	62.66 64	iP	P	15 48 08.2	-0.4
KCC		Kaiser Creek	62.70 64	iP	P	15 48 09.1	+0.3
M12A							

Table with columns: KHZ, DSZ, LTZ, Kahutara, Denniston Tor, Lake Taylor, Lake Taylor. Includes station names and coordinates.

ISCJB 25 18:52:47.0.0.6, 52.1N, 0.1, 30.19W, 0.09, h10km, mb3.9/25, MS3.6/7, Error ellipse: s-maj=18.9km s-min=7.7km az=21.8

IDC 25 18:52:47.0.0.8, 52.16N, 30.22W, h0km, mb3.7/13, mb1.3/9.14, mb1mx3.8/26, mbtmp3.7/14, ML4.2/1, MS3.7/7, Ms1.3.7/7, ms1mx3.3/34, Error ellipse: s-maj=29.0km s-min=14.2km az=4.0

NEIC 25 18:52:48.8.0.5, 52.13N, 30.15W, h10km, mb4.2/12, Error ellipse: s-maj=15.3km s-min=5.9km az=191.0

CSEM 25 18:52:49.3.0.1, 51.95N, 30.23W, h33km, mb4.3/11, Ms3.2, Error ellipse: s-maj=10.7km s-min=2.5km az=10.0

ISC 25 18:52:48.7.0.6, 52.22N, 0.1, 30.15W, 0.09, h10km, ns2, 0.92/4/3, mb3.9/25, MS3.6/7, 1D, Northern Mid-Anticline Ridge

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists various stations like Eskdalemuir Ar, Rostren, Saint Martin d, etc.

IDC 25 18:59:06.4.1.4, 25.34N, 127.40E, h0km, mb3.7/4, mb1.3/8.5, mb1mx3.6/21, mbtmp3.9/5, ML3.9/1, Error ellipse: s-maj=37.9km s-min=26.2km az=95.0

NEIC 25 18:59:07.8.0.9, 25.35N, 127.42E, h10km, mb4.4/1, Error ellipse: s-maj=23.8km s-min=14.7km az=109.0

ISCJB 25 18:59:08.0.9, 25.30N, 0.05, 127.69E, 0.05, h36km, 11km, mb3.5/4, Error ellipse: s-maj=9.8km s-min=6.1km az=110.2

JMA 25 18:59:08.9.0.2, 25.35N, 127.65E, h65km, 4km, M3.0

ISC 25 18:59:09.7.2.4, 25.34N, 127.65E, 0.05, h30km, 20km, n16, 0.988/23, mb3.5/4, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Tamagusuku 2, Naha, Kume jima 2, etc.

Table with columns: JMZ, JMU, JNZ, Minamidaito 2, Nakatsue, Songo Array. Includes station names and coordinates.

SONM Songo Array 28.02 29 P 19 04 57.7 -0.3

ASAR Alice Springs 49.09 172 P 19 07 55.6 +1.5

FINES FINES Array B 73.39 333 P 19 10 40.2 +1.6

NEIC 25 19:07:58.9, 29.43S, 71.59W, h55km, MD3.8(GUC), After GUC

GUC 25 19:07:58.9.0.5, 29.43S, 71.59W, h55km, 7km, MD3.8, ML3.4, 2D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like La Serena, Las Campanas, etc.

IDC 25 19:21:14.3.2.0, 800S, 127.89E, h0km, mb3.5/1, mb1.3/8.4, mb1mx3.6/15, mbtmp3.6/14, ML3.7/3, Error ellipse: s-maj=94.9km s-min=28.8km az=78.0, Timor region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Fitzroy Crossi, Warramunga Arr, etc.

IDC 25 19:31:05.3.1.2, 2200N, 143.23E, h0km, mb3.5/4, mb1.3/7.4, mb1mx3.5/20, mbtmp3.5/4, MS2.7/1, Ms1.2/7.1, ms1mx2.2/20, Error ellipse: s-maj=56.2km s-min=24.8km az=96.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Korea Array, Songo Array, etc.

IDC 25 19:43:01.8.1.2, 2200N, 143.23E, h0km, mb3.5/4, mb1.3/7.4, mb1mx3.5/20, mbtmp3.5/4, Error ellipse: s-maj=53.1km s-min=24.3km az=93.0, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Songo Array, Warramunga Arr, etc.

IDC 25 19:47:47.0.6, 21.97N, 143.13E, h0km, mb4.2/17, mb1.4/3.18, mb1mx4.3/24, mbtmp4.2/18, ML4.0/1, MS3.2/2, Ms1.3/2.2, ms1mx2.7/28, Error ellipse: s-maj=23.4km s-min=13.2km az=87.0

ISCJB 25 19:47:50.3.3.3, 21.95N, 0.05, 143.15E, 0.09, h24km, 23km, mb4.3/36, MS3.9/2, Error ellipse: s-maj=14.7km s-min=8.2km az=170.1

BUI 25 19:47:51.5, 22.17N, 143.18E, h23km, mb5.1, mb4.7

MOS 25 19:47:53.2, 21.92N, 143.07E, h47km, mb4.7/15, Error ellipse: s-maj=19.0km s-min=9.2km az=111.5

NEIC 25 19:47:53.4.0.4, 22.02N, 143.24E, h35km, mb4.6/8, Error ellipse: s-maj=19.0km s-min=9.2km az=75.0

ISC 25 19:47:54.7.1.6, 21.98N, 0.05, 143.23E, 0.09, h44km, 13km, m62, 1.14/62, mb4.3/36, MS3.9/2, 7C-3D, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like Chichi jima, Guam, etc.

ISC 25 19:50:59.4.0.1, 42.21N, 76.06E, h19km, MW5.8/100, Moment Tensor Solution, s88, c171, s100, c250, Duration: 2s Moment tensor: Scale 10^17N

NEIC 25 20:00:57.9, 40.81N, 76.37E, h33km, mb5.8, MS5.6, SZGRF 25 20:00:57.9, 40.81N, 76.37E, h33km, mb5.8, MS5.6, Kyrgyzstan-Kinjang borok region

IDC 25 20:00:57.0.4, 42.21N, 76.14E, h0km, mb5.0/25, mb1.5/2.29, mb1mx5.2/29, mbtmp5.2/24, MS5.6/32, Ms1.5/6.32, ms1mx5.5/36, Error ellipse: s-maj=11.9km s-min=10.0km az=4.0

NINC 25 20:00:57.7.1.1, 42.06N, 76.00E, h0km, mb5.8, mpv5.8, Error ellipse: s-maj=7.0km s-min=4.8km az=12.0

KNET 25 20:00:58.4.0.4, 42.12N, 76.00E, h8km, 3km, ml5.8, Error ellipse: s-maj=3.6km s-min=1.9km az=159.0

ISCJB 25 20:00:59.4.0.1, 42.07N, 0.01, 76.09E, 0.1, h15km, ms5.6/294, MS5.8/174, Error ellipse: s-maj=2.0km s-min=1.5km az=25.4

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

Table with columns: LSA, LSA, LSA, Lhasa, Lhasa. Includes station names and coordinates.

BILL Bilibino 48.24 11f eP P 19 56 24.8 +2.0

BILL Bilibino 48.24 11f eP P 19 56 24.8 +2.0

BILL Bilibino 48.24 11f eP P 19 56 24.8 +2.0

WMO Urumqi 50.44 309 P AMB P 19 56 48.5 +0.8

GUN Gumba 51.94 289 eP P 19 56 59.8 +0.8

SKA Stephens Creek 53.57 182 P P 19 57 10.1 -1.0

STKA Stephens Creek 53.57 182 P P 19 57 10.1 -1.0

STKA Stephens Creek 53.57 182 P P 19 57 10.1 -1.0

ZAL Zalesovo 54.03 322 P P 19 57 13.1 -1.3

BRVK Borovoye 62.49 319 eP P 19 58 12.4 -1.1

BRVK Borovoye 62.55 319 eP P 19 58 13.6 -0.3

BRVK Borovoye 62.55 319 eP P 19 58 13.6 -0.3

BRVK Borovoye 62.55 319 eP P 19 58 13.6 -0.3

BRVK Borovoye 62.55 319 eP P 19 58 13.6 -0.3

BRVK Borovoye 62.55 319 eP P 19 58 13.6 -0.3

BRVK Borovoye 62.55 319 eP P 19 58 13.6 -0.3

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BRVK Borovoye 62.55 319 eP P 19 58 13.6 -0.3

BRVK Borovoye 62.55 319 eP P 19 58 13.6 -0.3

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

815

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SNY, KMPD, KAF, PRD, CN2, ELL, GOLH, MLR, etc.

2006 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like EZN, KWP, KRC, KRC, KRC, etc.

25d 20h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like QJC, SOH, TIXI, TIXI, TIXI, etc.

Table with columns for station call signs, frequencies, and signal quality. Includes stations like BSD, Dobruska-Polom, VRAC, and others.

Table with columns for station call signs, frequencies, and signal quality. Includes stations like CLL, GERES, KHC, OBKA, and others.

Table with columns for station call signs, frequencies, and signal quality. Includes stations like GRI, FUR, JOW, WTTA, WATA, and others.

Table with columns: Call Sign, Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like EARI, EVIA, GUD, ESDC, etc.

Table with columns: Call Sign, Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like MCK, SWWZ, EGAK, TOAD, etc.

Table with columns: Call Sign, Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like B12A, NEW, LBNH, etc.

BINY	Binghamton	92.34	340	PFAKE	LR	20 14 20.0	+9.1
BINY	comp-Z,4um,22.0s,M55.9						
DM3A	Eugene	92.51	14	↑P	P	20 14 12.2	+0.5
DL04	Dillon	92.52	6	eP	P	20 14 12.2	+0.5
BMO	Blue Mountains	92.55	10	PFAKE	LR	20 14 20.0	+8.1
BMO	comp-Z,5um,20.0s,M56.0						
G13A	Cobalt	92.65	7	P	P	20 14 12.3	0.0
I05A	Bend	92.67	12	↑P	P	20 14 13.0	+0.7
H09A	Durkee	92.69	10	↑P	P	20 14 12.6	+0.1
H08A	Prairie City	92.70	11	↑P	P	20 14 12.8	+0.3
G15A	Dillon	92.73	6	P	P	20 14 13.1	+0.4
H11A	Donnelly	92.85	9	P	P	20 14 13.3	0.0
RLMT	Red Lodge	92.98	4	eP	P	20 14 13.9	+0.1
I07A	Ize	93.01	11	↑P	P	20 14 14.4	+0.4
MCMT	McKenzie Canyon	93.03	6	eP	P	20 14 14.3	+0.2
I06A	Prineas	93.04	12	↑P	P	20 14 14.2	+0.1
H12A	Diamond D Ranch	93.12	8	↑P	P	20 14 13.8	-0.7
QLMT	Earthquake Lak	93.14	5	eP	P	20 14 15.2	+0.6
J03A	Iceland Park	93.15	14	↑P	P	20 14 15.1	+0.5
I08A	Drewsey	93.31	11	↑P	P	20 14 15.6	+0.2
J04A	Umpqua Nationa	93.42	13	↑P	P	20 14 16.5	+0.7
LKWY	Lake	93.47	5	eP	P	20 14 17.5	+1.4
LKWY	comp-Z,15nm,0.7s,mb5.5						
LKWY	comp-Z,7um,20.0s,M56.1						
LKWY	Lake	93.47	5	eP	P	20 14 17.5	+1.4
LKWY	comp-Z,15nm,0.7s,mb5.5						
LKWY	comp-Z,7um,20.0s,M56.1						
YFT	Old Faithful	93.56	5	eP	P	20 14 18.2	+1.7
I11A	Placerville	93.64	9	P	P	20 14 17.2	+0.4
J07A	Hines	93.73	11	↑P	P	20 14 17.8	+0.4
J08A	Circle Bar Ran	93.87	11	P	P	20 14 18.6	+0.7
ALLY	Allegheny Colle	93.87	342	eP	P	20 14 17.3	-0.6
HUMO	Hull Mountain	93.89	14	PFAKE	LR	20 14 30.0	+1.2
HUMO	comp-Z,4um,21.0s,M55.8						
HUMO	Hull Mountain	93.89	14	↑P	P	20 14 18.5	+0.5
J09A	Fry Pan Ranch	93.97	10	P	P	20 14 18.6	+0.2
AAM	Ann Arbor	93.98	345	PFAKE	LR	20 14 30.0	+1.2
AAM	comp-Z,4um,19.0s,M55.9						
J10A	Berg Farm, Mel	94.02	9	↑P	P	20 14 18.7	0.0
K04A	Chiquin	94.10	13	↑P	P	20 14 18.3	-0.6
RSSD	Black Hills	94.11	0	P	P	20 14 19.0	0.0
K05A	Summer Lake	94.13	12	↑P	P	20 14 18.8	-0.3
MFID	Camas Ranch	94.14	9	↑P	P	20 14 19.0	-0.2
HLID	Hailey	94.15	8	PFAKE	LR	20 14 30.0	+1.1
HLID	comp-Z,3um,20.0s,M55.8						
HLID	Hailey	94.15	8	↑P	P	20 14 19.0	-0.2
K06A	Valley Falls	94.16	12	↑P	P	20 14 19.5	+0.3
MOOV	Moose Ponds	94.26	5	eP	P	20 14 20.6	+0.8
J13A	Cove Ranch, PI	94.33	8	↑P	P	20 14 20.3	+0.2
J12A	Stokes Ranch,	94.39	8	↑P	P	20 14 20.7	+0.4
K07A	Rock Creek Ran	94.41	11	↑P	P	20 14 20.7	+0.2
K08A	Mann Creek Ran	94.48	11	↑P	P	20 14 20.4	-0.3
SNOW	Snow King Moun	94.55	5	eP	P	20 14 20.3	-0.8
K09A	Rome	94.61	10	↑P	P	20 14 20.9	-0.5
K10A	MacKenzie Ranch	94.65	10	↑P	P	20 14 21.0	-0.5
WVOR	Wild Horse Val	94.75	11	P	P	20 14 21.5	-0.5
WVOR	comp-Z,31nm,1.0s,mb5.7						
WVOR	Wild Horse Val	94.75	11	eP	P	20 14 21.4	-0.6
YBH	Yreka Blue Hor	94.78	14	↑P	P	20 14 22.1	-0.1
M04C	Macdoel	94.89	13	↑P	P	20 14 22.1	-0.5
K12A	Draper Farm, C	95.01	8	↑P	P	20 14 23.7	+0.6
MOD	Modoc	95.02	12	PFAKE	LR	20 14 30.0	+6.8
MOD	comp-Z,2um,20.0s,M55.6						
MOD	Modoc	95.02	12	↑P	P	20 14 23.9	+0.6
L08A	Fields	95.03	11	↑P	P	20 14 23.5	+0.2
L07A	Adell	95.06	12	↑P	P	20 14 23.8	+0.4
K13A	Stover Farm, H	95.08	8	↑P	P	20 14 24.4	+0.9
M02C	Callahan	95.09	14	↑P	P	20 14 24.0	+0.5
STKA	Stephens Creek	95.09	129	eS	PKKSac	20 25 23.0	0.0
STKA	Stephens Creek	95.09	129	P	P	20 14 21.3	-2.2
STKA	comp-Z,2.7nm,0.8s,mb4.7,slow=14,SNR=4.8						
STKA	comp-Z,2um,19.1s,M55.6,slow=208,slow=40						
STKA	Stephens Creek	95.09	129	eS	PKKSac	20 14 21.9	-1.6
STKA	comp-Z,9.7nm,1.5s,mb5.0						
AHID	Auburn Hatcher	95.22	5	eP	PKKSac	20 25 23.0	0.0
AHID	comp-Z,4um,1.1s,mb5.8						
AHID	comp-Z,4um,19.0s,M55.9						
L09A	Wilkin Ranch	95.29	10	↑P	P	20 14 25.2	+0.8
BW06	Boulder Array	95.31	4	PFAKE	LR	20 14 40.0	+1.5
BW06	comp-Z,4um,20.0s,M55.9						
PDAR	Pinedale Array	95.31	4	P	P	20 14 23.9	-0.6
PDAR	comp-Z,3.3nm,0.7s,mb4.9,baz=35,slow=3.0,SNR=22						
M03C	McCloud	95.33	14	↑P	P	20 14 24.9	+0.3
M03C	Lookout	95.42	13	↑P	P	20 14 24.9	-0.1
ASCN	Ascension	95.62	264	PFAKE	LR	20 14 40.0	+1.4
ASCN	comp-Z,305nm,19.0s,M54.8						
L13A	Double Diamond	95.65	8	↑P	P	20 14 26.6	+0.5
M06C	Likely Place G	95.68	13	↑P	P	20 14 26.1	-0.1
MCWV	Mont Chateau	95.70	342	PFAKE	LR	20 14 40.0	+1.4
MCWV	comp-Z,8um,21.0s,M56.1						
M07A	Soldier Meadow	95.70	12	↑P	P	20 14 27.3	+1.0
M08A	Happy Creek Ra	95.76	11	↑P	P	20 14 27.9	+1.3
SCIA	State Center	95.77	352	eP	P	20 14 26.2	-0.4
M09A	Marrel Ranch,	95.91	10	↑P	P	20 14 27.3	0.0
M10A	I.L. Ranch, Tu	95.93	10	↑P	P	20 14 27.9	+0.6
WDC	Whiskeytown Da	95.93	14	↑P	P	20 14 27.7	+0.3

HVU	Hansel Valley	96.07	7	eP	P	20 14 28.1	+0.1
HVU	comp-Z,22nm,0.9s,mb5.7						
HVU	Hansel Valley	96.07	7	eP	P	20 14 28.1	+0.1
M11A	Holland Ranch,	96.11	9	↑P	P	20 14 29.1	+0.9
M12A	Wells	96.22	8	↑P	P	20 14 29.0	+0.4
N06A	Buffalo Meadow	96.22	12	↑P	P	20 14 29.3	+0.6
N07B	Gerlach	96.33	11	↑P	P	20 14 30.1	+1.0
HWUT	Hardware Ranch	96.33	6	eP	P	20 14 29.6	+0.3
HWUT	comp-Z,6um,20.0s,M56.1						
M13A	Montello	96.35	8	↑P	P	20 14 30.6	+1.3
N08A	GE Springer Mi	96.44	11	↑P	P	20 14 30.5	+0.8
CBN	Corbin	96.46	339	PFAKE	LR	20 14 40.0	+1.0
N09A	Rock Creek Ran	96.46	10	↑P	P	20 14 30.3	+0.6
RWWV	Rawlins	96.49	3	eP	P	20 14 31.4	+1.5
SPUT	South Promonto	96.56	6	eP	P	20 14 24.5	-5.7
N11A	Elko Archery C	96.72	9	↑P	P	20 14 32.2	+1.3
N10A	Dunphy	96.72	10	↑P	P	20 14 32.3	+1.3
N12A	Clover Valley,	96.76	9	↑P	P	20 14 32.6	+1.5
O06A	Flanigan	96.80	12	↑P	P	20 14 33.0	+1.7
GASB	Alder Springs	96.80	15	↑P	P	20 14 32.9	+1.5
O05C	Quincy	96.82	13	↑P	P	20 14 32.4	+1.0
ELK	Elko	96.85	9	PFAKE	LR	20 14 40.0	+8.5
N13A	Wendover, West	96.85	8	↑P	P	20 14 33.2	+1.6
BMN	Battle Mountai	96.91	10	PFAKE	LR	20 14 40.0	+8.2
PHWV	Pilot Hill	96.92	1	eP	P	20 14 31.4	-0.5
O07A	Toulon	96.95	12	↑P	P	20 14 32.7	+0.8
ORV	Oroville	97.11	14	↑P	P	20 14 33.2	+0.4
O10A	Cortez Mining,	97.14	10	↑P	P	20 14 33.2	+0.4
O09A	Fish Creek Ran	97.17	10	↑P	P	20 14 34.1	+1.1
CTU	Camp Tracy	97.23	6	eP	P	20 14 33.9	+0.6
JLU	Jordanelle	97.34	6	eP	P	20 14 35.2	+1.5
HOPS	Hopland	97.37	15	PFAKE	LR	20 14 40.0	+6.1
SUTB	Sutter Butte	97.38	14	↑P	P	20 14 33.8	-0.1
O11A	Cowboy Ranch,	97.40	9	↑P	P	20 14 34.6	+0.5
DAU	Daniels Canyon	97.55	6	eP	P	20 14 35.8	+1.1
BBSR	BB Station	97.56	327	PFAKE	LR	20 14 50.0	+1.5
DUG	Dugway	97.64	7	eP	P	20 14 35.4	+0.3
DUG	comp-Z,50nm,1.3s,mb6.1						
DUG	comp-Z,4um,19.0s,M56.0						
DUG	Dugway	97.64	7	eP	P	20 14 35.4	+0.3
DUG	comp-Z,50nm,1.3s,mb6.1						
DUG	comp-Z,4um,19.0s,M56.0						
P10A	Eureka	97.81	10	↑P	P	20 14 36.9	+1.0
Q04C	Lincoln	97.83	14	↑P	P	20 14 36.8	+0.8
MPU	Maple Canyon	97.91	6	PFAKE	LR	20 14 50.0	+1.4
NLU	North Lily Min	97.94	6	eP	P	20 14 37.0	+0.5
P11A	Circle Ranch,	97.96	9	↑P	P	20 14 37.6	+1.0
P12A	McGill	98.14	9	↑P	P	20 14 38.8	+1.4
BLA	Blacksburg	98.16	341	PFAKE	LR	20 14 50.0	+1.3
MCCM	Marconi Confer	98.23	15	PFAKE	LR	20 14 50.0	+1.2
MCCM	comp-Z,2um,20.0s,M55.6						
O08A	Gabbs	98.36	11	↑P	P	20 14 39.4	+1.1
ISCO	Idaho Springs	98.41	1	eP	P	20 14 39.4	+0.8
ISCO	comp-Z,22nm,1.2s,mb5.8						
ISCO	Idaho Springs	98.41	1	eP	P	20 14 39.4	+0.8
ISCO	comp-Z,22nm,1.2s,mb5.8						
R06C	Coleville	98.46	12	↑P	P	20 14 39.9	+1.1
Q09A	Carvers	98.49	10	↑P	P	20 14 39.3	+0.4
Q12A	Willow Creek R	98.58	9	↑P	P	20 14 39.6	+0.3
Q11A	Duckwater	98.67	9	P	P	20 14 41.1	+1.4
NVAR	Minna Array Ba	98.73	11	P	P	20 14 40.6	+0.6
CMB	Columbia Colle	98.78	13	PFAKE	LR	20 14 50.0	+1.0
CMB	comp-Z,4um,19.0s,M56.0						
CMB	Columbia Colle	98.78	13	↑P	P	20 14 41.4	+1.1
KSU1	Kansas State U	98.86	354	PFAKE	LR	20 14 50.0	+9.4
SRU	San Rafael	98.89	5	eP	P	20 14 39.9	-0.8
R07C	Lee Vining	98.95	12	↑P	P	20 14 41.5	+0.6
R09A	Tonopah	99.09	10	↑P	P	20 14 41.4	-0.2
CBKS	Cedar Bluff	99.33	357	PFAKE	LR	20 14 50.0	+7.3
MSU	Marysville	99.36	7	P	P	20 14 43.9	+1.1
CNNC	Cliffs of the	99.39	339	PFAKE	LR	20 14 50.0	+7.1
S09A	Gould	99.58	11	↑P	P	20 14 43.9	+0.2
PACP	Pacheco Peak	99.63	14	↑P	P	20 14 44.6	+0.6
KCC	Kaiser Creek	99.66	12	↑P	P	20 14 44.7	+0.5
S08C	White Mtn Res	99.66	11	↑P	P	20 14 44.3	+0.2
T06C	Millerton Lake	99.90	13	↑P	P	20 14 46.0	+0.7
ARUT	Antelope Range	99.96	8	P	P	20 14 50.3	+4.8
GRAC	Grapevine Rang	100.27	11	↑P	P	20 14 48.1	+1.3
HLL	Mitchell Peak,	100.33	12	↑P	P	20 14 49.0	+1.8
WCC	Cottonwood Cre	100.71	12	↑P	P	20 14 50.1	

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

NIED 25 20:17:00, 3780N:138.20E, h8km, Mw4.6 Best double couple: Mb8.43000x1019 NP1.3268.00000, 359.00000, 1.91.00000...

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

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TIXI, TIXI, CHTO, CHTO, etc.

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

NNC 25 20:21:16.0, 2.0, 4209N:75.98E, h0km, mb4.1, mpv3.6, Error ellipse: s-maj=16.6km s-min=9.8km az=12.0

KNET 25 20:21:16.8, 0.5, 4216N:75.98E, h10km, mb3.0, Error ellipse: s-maj=3.2km s-min=1.8km az=148.0

ISCBJ 25 20:21:17.5, 0.9, 4212N:606.7603E, h10km, Error ellipse: s-maj=9.1km s-min=4.5km az=151.4

ISC 25 20:21:17.7, 0.9, 4214N:606.7603E, h10km, n12, 0.95N/21, 14C-6D, Lake Issyk-Kul region

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

SZGRF 25 20:28:25.9, 4607N:153.41E, h33km, mb4.6, Kuril Islands, Russia

NEIC 25 20:28:25.9, 0.5, 4686N:152.62E, h10km, mb5.1/11, Error ellipse: s-maj=13.4km s-min=6.8km az=147.0

JMA 25 20:28:28.1, 0.9, 4685N:152.70E, h30km, M4.5

ISCBJ 25 20:28:29.4, 0.9, 4660N:152.61E, h10km, mb4.2/8, Error ellipse: s-maj=16.4km s-min=7.1km az=108.1

SKHL 25 20:28:30.3, 0.9, 4660N:152.70E, h63km, mb4.5/2

MOS 25 20:28:31.1, 1.3, 4673N:152.49E, h71km, mb4.7/5, Error ellipse: s-maj=11.5km s-min=9.2km az=71.7

ISC 25 20:28:31.2, 0.8, 4664N:152.61E, h10km, mb4.2/8, Error ellipse: s-maj=15.4km s-min=7.5km az=160.0

ISC 25 20:28:31.2, 0.8, 4664N:152.61E, h10km, mb4.2/8, Error ellipse: s-maj=15.4km s-min=7.5km az=160.0

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAJ, Kamakawa 2, JKK2, etc.

ISCJB 25 20:37:45.0±0.7, 6.8N±0.2, 73.1W±0.2, h166km, 17km, mb3.7/4, Error ellipse: s-maj=47.7km s-min=8.6km az=90.8

IDC 25 20:37:45.0±0.7, 6.78N±0.2, 72.97W±0.2, h158km, 10km, mb3.4/4, m1 3.7/7, mb1mx3.4/20, mbtmp3.6/7, Error ellipse: s-maj=32.1km s-min=7.5km az=132.0

NEIC 25 20:37:46.1±0.7, 6.70N±0.2, 73.00W±0.2, h167km, 10km, mb3.7/1, Error ellipse: s-maj=25.7km s-min=9.5km az=134.0

ISC 25 20:37:46.3±0.7, 6.8N±0.2, 73.0W±0.2, h161km, 16km, 12s, +0.84/1.1, mb3.7/4, Northern Colombia

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

IDC 25 20:38:54.5±1.0, 6.93N±0.2, 73.17W±0.2, h155km, 68km, mb3.1/3, mb1 3.4/5, mb1mx3.1/19, mbtmp3.2/5, Error ellipse: s-maj=161.0km s-min=9.2km az=133.0, Northern Colombia

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

NNC 25 20:44:32.6±1.0, 4.21N±0.1, 75.97E±0.2, h0km, mb3.1, mpv2.4, Error ellipse: s-maj=7.2km s-min=4.3km az=32.0

KNET 25 20:44:32.4±0.7, 4.21N±0.1, 75.97E±0.2, h15km, 4km, ml2.1, Error ellipse: s-maj=5.9km s-min=3.1km az=147.0

ISCJB 25 20:44:33.4±1.0, 4.21N±0.1, 76.03E±0.05, h10km, Error ellipse: s-maj=9.1km s-min=4.1km az=136.7

ISC 25 20:44:33.8±0.9, 4.21N±0.1, 76.02E±0.04, h10km, n12, +0.99/2.2, 12C-9d, Lake Issyk-Kul region

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

IDC 25 20:56:01.8±10.0, 2.15N±0.1, 147.35E±0.2, h0km, mb3.5/3, mb1 3.8/4, mb1mx3.4/21, mbtmp3.5/4, ML3.2/1, Error ellipse: s-maj=377.0km s-min=25.8km az=78.0, Mariana Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MJAR, SONM, WRA, etc.

KRSC 25 21:00:03.7±0.9, 5.51N±0.1, 162.24E±0.2, h63km, 66km, ML3.7, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MKZ, KBTR, ZLN, etc.

IDC 25 21:01:29.0±0.7, 3.29N±0.1, 102.19E±0.2, h0km, mb3.9/17, mb1 4.1/18, mb1mx4.0/27, mbtmp3.9/18, ML3.7/1, MS4.1/2, Ms1 4.1/2, ms1mx3.3/29, Error ellipse: s-maj=21.6km s-min=15.4km az=42.0

BUI 25 21:01:30.7, 3.29N±0.1, 102.34E±0.2, h20km, mb5.1, mb4.5, ML4.4, MS4.6, Ms2.4

ISCJB 25 21:01:31.2±0.9, 3.29N±0.1, 102.20E±0.04, h27km, 8km, mb4.0/26, MS4.1/3, Error ellipse: s-maj=5.8km s-min=5.3km az=167.5

MOS 25 21:01:31.9±1.1, 3.30N±0.1, 102.19E±0.2, h33km, mb4.2/5, Error ellipse: s-maj=10.0km s-min=6.7km az=82.0

NEIC 25 21:01:32.6±1.1, 3.30N±0.1, 102.16E±0.2, h21km, 13km, mb4.5/10, Error ellipse: s-maj=7.7km s-min=5.3km az=142.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CD2, Chengdu.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CD2, Lanzhou, Gaotai, etc.

25d 22h

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like KURK Kurchatov, NVS Novosibirsk, BOD Bodaibo, etc.

NEIC 25 21:08:31.8, 0.6, 4728N:15271E, h10km, mb4.3/1, Error ellipse: s-maj=15.5km s-min=9.0km az=147.0

JMA 25 21:08:33.7, 0.5, 4627N:15378E, h30km, M4.3

ISCJB 25 21:08:38.0, 1.1, 4713N:15281E, h83km, mb4.4/3, Error ellipse: s-maj=21.5km s-min=13.8km az=153.0

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like KUR Kuril'sk, SKR Severo-Kuril's, NEM2 Nemuro 2, etc.

2006 DEC

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like INK Inuvik, INK Inuvik, INK Inuvik, etc.

MAN 25 21:18:34.4, 1451N:12431E, h70km, mb2.7, ML4.2, MS5.3, 1C, Luzon

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like GOP Guinayangan, GOP Guinayangan, etc.

ISC 25 21:33:39.0, 1.4, 1309N:12461E, h0km, mb3.6/4, mb1.3/7.4, mb1mx3.8/27, mbtmp3.6/4, Error ellipse: s-maj=156.6km s-min=20.0km az=69.0

MAN 25 21:33:42.5, 1399N:1242E, h26km, mb3.3, ML4.5, MS2.5

ISCJB 25 21:33:43.2, 1.5, 1336N:1250E, 0.1, h49km, 1gkm, mb3.6/4, Error ellipse: s-maj=22.5km s-min=7.0km az=122.2

ISC 25 21:33:42.4, 2.1, 1337N:006:12504E:009, h20km, 14km, n24, c1507/28, mb3.6/4, 1C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like CNP Cataman, CNP Cataman, etc.

ISCJB 25 21:45:26.1, 0.5, 4302N:006:028W:003, h10km, Error ellipse: s-maj=8.6km s-min=3.1km az=14.4

MDD 25 21:45:26.7, 0.5, 4303N:028W, h10km, 6km, mbLg0.4/2, Error ellipse: s-maj=4.1km s-min=1.8km az=7.0, PRXIMO

CSEM 25 21:45:26.4, 0.1, 4303N:028W, h10km, ML2.2, Error ellipse: s-maj=3.0km s-min=0.9km az=177.0

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like REYF Montagne du Re, REYF Montagne du Re, etc.

822

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like ETSF 2.9nm, 0.2s, LABF Labassere, etc.

ISCJB 25 22:21:55.2, 0.7, 3789N:004:13816E:004, h19km, 12km, Error ellipse: s-maj=6.8km s-min=4.9km az=154.9

JMA 25 22:21:55.2, 3787N:13815E, h14km, 1km, M3.5

Broadband fault plane solution: P waves. NP1: 0.76, 0.0000, 0.836, 0.0000, 1.105, 0.0000, NP2: 0.239, 0.0000, 0.855, 0.0000, 1.80, 0.0000

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like JSD Sado, JSD Sado, etc.

ISC 25 22:21:55.0, 0.6, 3789N:004:13816E:004, h18km, 5km, n9, c054/18, 5D, Near west coast of eastern Honshu

ISCJB 25 22:48:41.1, 1.0, 3.3504S:003:7182W:005, h17km, 3km, mb3.9/9, Error ellipse: s-maj=7.1km s-min=3.3km az=49.3

ISC 25 22:48:42.1, 3.0, 3493S:7194W, h68km, 24km, mb3.7/7, mb1.3x8.8, mb1mx3.7/15, mbtmp3.6/9, MS3.1/1, Ms1.3/1/1, ms1.8x2.8/17, Error ellipse: s-maj=36.3km s-min=14.3km az=103.0

NEIC 25 22:48:42.1, 3503S:7176W, h58km, mb4.2/7, MD4.6(GUC), After GUC.

GUC 25 22:48:42.1, 3.0, 3503S:7176W, h58km, 7km, MD4.6, ML4.6

ISC 25 22:48:41.9, 0.3, 3502S:002:7186W:005, h64km, 3km, n55, c080/77, mb4.0/9, 8C-9D, Central Chile

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like TALC Talca, TALC Talca, etc.

PLCA Paso Flores 5.80 170 P P 22 50 06.5 +1.2

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Paso Flores, Las Campanas, Torquist, La Paz, East Falkland, Masugnaby, Kuraavaara, Salu, Nikkalo, PAJU, LANU, SJUU, KIF, LILU, SGF, KEV, MSF, KU4, etc.

STR 25:22:52.54.2.0.1, 4305N.0.09W, h2km, 1km, M12.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 25:22:52.54.2.0.1, 4301N.0.07E, h10km, M1.8, M1.4/2, Error ellipse: s-maj=2.1km s-min=0.8km az=167.0

MDD 25:22:52.54.6.0.7, 4301N.0.07E, h9km, 6km, mblG1.0/3, Error ellipse: s-maj=3.7km s-min=2.6km az=171.0, PRXIMO, France

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Labassere, Esparrros, VIEF, EBIE, ETSF, SJPF, ESAC, MTLF, etc.

ISCJB 25:22:55.45.8.1.0, 4210N.006.7598E.004, h10km, Error ellipse: s-maj=8.7km s-min=4.1km az=144.0

ISC 25:22:55.46.0.0.9, 4212N.005.7597E.004, h10km, n12, 0.597/22, 12C-10D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ULHL, KZA, TKM2, STKA, PMG, ASAR, WB2, WRA, NWAO, CASY, GUMO, PMSA, SNA, PLCA, FINES, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like DUNU, KUA, SALU, NIKU, PAJU, LANU, SJUU, KIF, LILU, SGF, KEV, MSF, KU4, etc.

ISC 25:23:00.34.2.1.2, 2182N.14319E, h0km, mb3.5/4, mb1 3.8/4, mb1mx3.5/19, mbtmp3.5/4, Error ellipse: s-maj=57.1km s-min=24.3km az=94.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SONM, WRA, ASAR, YKA, etc.

ISCJB 25:23:33.00.9.1.1, 4210N.006.7600E.005, h10km, Error ellipse: s-maj=9.5km s-min=4.3km az=142.6

ISC 25:23:33.00.9.1.1, 4211N.006.7597E.004, h3km, 7km, n10, 0.69/19, 11C-8D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ULHL, KZA, TKM2, KBK, CHMS, KNDC, USP, AML, etc.

ISCJB 25:23:37.41.7.1.1, 3170S.007.1794W.0.1, h17km, 11km, mb3.9/6, Error ellipse: s-maj=19.4km s-min=11.3km

ISC 25:23:37.43.0.10.0, 3171S.17926W, h182km, 110km, mb3.8/3, mb1 3.8/4, mb1mx3.6/13, mbtmp3.6/4, Error ellipse: s-maj=103.0km s-min=50.3km az=174.0

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like RAO, URZ, SNZO, STKA, PMG, ASAR, WB2, WRA, NWAO, CASY, GUMO, PMSA, SNA, PLCA, FINES, etc.

ISCJB 25:23:41.11.8.1.2, 4207N.007.7606E.005, h10km, Error ellipse: s-maj=10.4km s-min=4.4km az=136.1

ISC 25:23:41.11.9.1.1, 4208N.006.7605E.005, h10km, n11, 0.67/20, 9C-12D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ULHL, KZA, TKM2, KBK, UCH, KNDC, CHMS, USP, etc.

NEIC 25:23:42:00.3, 1701N.9530W, h112km, MD3.9(MEX), After MEX

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMIG, Oaxaca, Vista Hermosa, HUIG, etc.

ISC 26:00:18:34.2.5.6, 732S.12636E, h270km, 62km, mb2.8/1, mb1 3.0/3, mb1mx2.8/13, mbtmp2.8/3, Error ellipse: s-maj=226.4km s-min=16.9km az=65.0, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WRA, ASAR, MKAR, etc.

ISCJB 26:00:19:04.5.1.2, 4209N.007.7602E.005, h10km, Error ellipse: s-maj=10.4km s-min=4.6km az=144.6

ISC 26:00:19:04.3.0.6, 4212N.7596E, h0km, mb3.0, mpv2.4, Error ellipse: s-maj=3.7km s-min=2.1km az=15.0

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ULHL, KZA, TKM2, KBK, CHMS, KNDC, USP, etc.

ISCJB 26:00:28:59.2.0.5, 6780N.003.202E.01, h0km, Error ellipse: s-maj=5.8km s-min=4.1km az=43.7

CSEM 26:00:28:59.1.0.1, 6777N.2014E, h2km, ML2.5, Error ellipse: s-maj=3.1km s-min=2.5km az=77.0, Mining explosion

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KUA, NIKU, DUNU, etc.

IDC 26 02:12:20.4:2.5, 1121S:16369E, h0km, mb3.9/5, mb1 4.1/7, mb1mx3.9/16, mbtmp4.0/7, ML4.3/2, MS3.5/1, Ms1 3.4/1, ms1mx2.5/26, Error ellipse: s-maj=49.1km s-min=34.5km az=114.0

ISCJB 26 02:12:23.5:1.5, 114S:02:1638E, h35km, mb3.8/5, MS3.4/1, Error ellipse: s-maj=26.5km s-min=15.4km az=86.0

NEIC 26 02:12:27.1:1.9, 1107S:16339E, h35km, Error ellipse: s-maj=36.7km s-min=23.6km az=107.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like HNR Honiara, WRA Warramunga Arr, STKA Charters Tower, etc.

IDC 26 02:20:34.8:0.8, 2202N:143.11E, h0km, mb3.9/9, mb1 4.1/9, mb1mx4.0/20, mbtmp3.9/9, Error ellipse: s-maj=33.6km s-min=18.0km az=83.0

ISCJB 26 02:20:38.5:0.7, 220N:01:1429E, h35km, mb4.0/12, Error ellipse: s-maj=29.0km s-min=14.2km az=150.3

NEIC 26 02:20:40.3:0.6, 2204N:143.01E, h35km, mb4.3/4, Error ellipse: s-maj=25.5km s-min=11.1km az=75.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like KSRs Korea Array, ULN Ulaanbaatar, SONM Songoing Array, etc.

ISCJB 26 02:24:22.7:4.1, 230S:02:1794W, h295km, 62km, mb4.1/5, Error ellipse: s-maj=49.8km s-min=33.6km az=18.7

NEIC 26 02:24:26.2:1.8, 2283S:17924W, h34km, 24km, mb4.9/1, Error ellipse: s-maj=27.1km s-min=15.2km az=123.0

IDC 26 02:24:42.0:10.0, 238AS:17952W, h491km, 119km, mb3.5/4, mb1 3.7/5, mb1mx3.3/14, mbtmp3.5/5, Error ellipse: s-maj=86.8km s-min=38.8km az=21.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like AFi Afiamalu, URZ Urewera, STKA Stephens Creek, etc.

IDC 26 02:34:06.2:6.9, 2193N:14292E, h207km, 65km, mb3.3/8, mb1 3.5/8, mb1mx3.4/20, mbtmp3.3/8, Error ellipse: s-maj=32.8km s-min=16.3km az=83.0, Mariana Islands region

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

ISCJB 26 02:42:19.2:1.9, 175N:01:1454E, h156km, 19km, mb3.4/7, Error ellipse: s-maj=48.9km s-min=18.0km az=7.4

IDC 26 02:42:20.1:2.7, 1742N:14566E, h148km, 24km, mb3.3/7, mb1 3.6/8, mb1mx3.3/19, mbtmp3.3/8, Error ellipse: s-maj=53.7km s-min=19.7km az=110.0

NEIC 26 02:42:20.1:1.5, 1749N:14550E, h151km, 14km, mb4.2/1, Error ellipse: s-maj=31.3km s-min=11.9km az=93.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like GUMO Guam, LPAZ La Paz, etc.

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

ISCJB 26 03:16:41.4:0.4, 4352N:003:156W, h44km, 10km, mb3.9/5, Error ellipse: s-maj=5.4km s-min=4.7km az=72.4

MDD 26 03:16:43.0:0.4, 4341N:152W, h40km, 4km, mb2.4/5, Error ellipse: s-maj=5.0km s-min=4.4km az=137.0

LDG 26 03:16:43.0:0.1, 4354N:148W, h5km, MD2.2/2, M12.0/11, Error ellipse: s-maj=3.0km s-min=1.3km az=77.0

ISC 26 03:16:42.5:0.4, 4348N:003:156W, h39km, 9km, n33, c0599/58, 1C, Pyrenees

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like EALK Alkuruntz, ELIZ Elizondok, STKA Stephens Creek, etc.

NEIC 26 04:24:36.0:1.1, 383N:12607E, h35km, Error ellipse: s-maj=78.6km s-min=16.2km az=69.0

IDC 26 04:24:40.1:11.0, 379N:12615E, h73km, 104km, mb3.7/5, mb1 3.9/5, mb1mx3.5/19, mbtmp3.7/5, Error ellipse: s-maj=101.8km s-min=26.9km az=62.0

ISCJB 26 04:24:47.2:5.3, 36N:03:1259E, h6, h133km, 35km, mb3.3/5, Error ellipse: s-maj=113.0km s-min=21.3km az=140.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like ESAC San Caprasio, LFF La Freleste, ETOR Toretz, etc.

IDC 26 03:17:16.2:2.5, 2233S:6845W, h100km, 22km, mb3.5/4, mb1 3.6/6, mb1mx3.4/16, mbtmp3.4/6, Error ellipse: s-maj=36.1km s-min=21.8km az=88.0, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like LPAZ La Paz, CFAA Corneil Fontan, SIV San Ignacio, etc.

ISCJB 26 03:49:02.7:1.9, 238N:008:1286E, h243km, 19km, mb4.1/18, Error ellipse: s-maj=20.6km s-min=8.8km az=121.4

IDC 26 03:49:02.6:1.9, 235N:12838E, h223km, 18km, mb3.6/10, mb1 3.8/10, mb1mx3.6/10, mbtmp3.6/10, Error ellipse: s-maj=27.8km s-min=9.2km az=74.0

NEIC 26 03:49:03.7:2.1, 237N:12858E, h240km, 22km, mb4.3/5, Error ellipse: s-maj=17.4km s-min=7.8km az=62.0

ISC 26 03:49:04.0:1.9, 235N:008:1286E, h1, h239km, 20km, n30, c0594/29, mb4.1/7, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like KKM Kota Kinabalu, KAKA Kakadu, KSM Karam, etc.

NEIC 26 04:24:36.0:1.1, 383N:12607E, h35km, Error ellipse: s-maj=78.6km s-min=16.2km az=69.0

IDC 26 04:24:40.1:11.0, 379N:12615E, h73km, 104km, mb3.7/5, mb1 3.9/5, mb1mx3.5/19, mbtmp3.7/5, Error ellipse: s-maj=101.8km s-min=26.9km az=62.0

ISCJB 26 04:24:47.2:5.3, 36N:03:1259E, h6, h133km, 35km, mb3.3/5, Error ellipse: s-maj=113.0km s-min=21.3km az=140.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like BUKE Musan, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

CSEM 26 05:19:21.7, 1200N:4380E, h5km, ML4.0, After DHMR

DHMR 26 05:19:21.7:1.7, 1200N:4380E, h5km, 12km, ML4.0, 2C, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like TRBA At Turbah, ADEN Aden, UDYN Al'Udayn, etc.

NEIC 26 05:53:42.9, 3066S:7135W, h42km, MD3.8(GUC), After GUC

GUC 26 05:53:42.9:0.7, 3066S:7135W, h42km, 3km, MD3.8, ML2.8, 3D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like CMCH Combarbala, TLL Tololo Astrono, LSCH La Serena, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LSCH, PTCH, PCH, VACH.

NEIC 26 05:59:27.3, 5869N, 14415W, h7km, ML3.0(AEIC), ML3.5(PMR), After AEIC, Gulf of Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KNK, SML, PMR, GHO, SKAG, TRF, KTH, SVW2.

CSEM 26 06:03:16.6, 1209N, 4386E, h3km, ML4.1, After DHMR

DHMR 26 06:03:16.6, 1209N, 4386E, h4km, 9km, ML4.1, 2C-3D, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TRBA, ADEN, UDYN, LBOS, BDHA, HAJJ.

NIED 26 06:15:00, 2810N, 12810E, h5km, Mw4.1 Best double couple: Mc 1.46000, N1019, NP1.3, 208.00000, 385.00000, 7.152.00000, NP2.3, 300.00000, 862.00000, 1.5.00000.

ISCJ 26 06:15:42.5, 2.5, 2807N, 12779E, h9km, mb3.8/4, mb1 3.8/4, mb1mx3.6/2.1, mbtmp3.6/4, MS3.4/6, Ms1 3/4, ms1mx2.9/35, Error ellipse: s-maj=177.5km s-min=15.8km az=62.0

JMA 26 06:15:42.8, 0.3, 2807N, 12807E, h8km, 4km, M3.7

ISCJ 26 06:15:43.9, 1.4, 2805N, 006, 12808E, 007, h25km, 10km, mb3.5/4, MS3.5/3, Error ellipse: s-maj=12.1km s-min=7.6km az=85.1

ISC 26 06:15:43.7, 1.7, 2803N, 005, 12811E, 007, h13km, 10km, n15, c0958/14, mb3.5/4, MS3.5/3, Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JTK, JHK, JTH, JIH, JOW, JAM, JMW, JNU, KSRS, MJAR, SONMI, MKAR, ZAL, PMG, WRA, BVR, ASAR.

NEIC 26 06:33:21.8, 0.3, 2237S, 6575W, mb4.5/49, Error ellipse: s-maj=9.0km s-min=6.8km az=101.0

ISCJ 26 06:33:21.4, 0.2, 2238S, 004, 6553W, 004, h288km, mb4.3/63, Error ellipse: s-maj=5.6km s-min=4.8km az=123.3

GUC 26 06:33:21.3, 0.6, 2286S, 6576W, h257km, MD4.3

BUI 26 06:33:22.8, 2240S, 6570W, h288km

ISC 26 06:33:22.3, 0.6, 2218S, 6562W, h280km, 4km, mb3.8/14, mb1 4.1/18, mb1mx4.0/20, mbtmp3.9/18, Error ellipse: s-maj=15.9km s-min=9.4km az=78.0

LDG 26 06:33:25.3, 0.3, 2156S, 6544W, h300km, Mb4.6/22, MS3.1/1, Error ellipse: s-maj=39.3km s-min=12.6km az=152.0

ISC 26 06:33:23.0, 0.2, 2233S, 004, 6545W, 004, h290km, h290km, 1.4km, p-P, n312, c076/308, mb4.3/62, 81C-78D, Jujuy Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CEN1, CPCH, CDCH, CDDH, ARE, LCO, TLL, CFAA.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PTCH, PEL, PCH, NNA, TRQA, PLCA, PLCA, ATAH, OTAV, ROSC, ROSC, SDV, USHA, CPD, VNA3, VNA1, VNA2, SNA4, SNA4, SNA4, WWT, WWT, JCT, MIAR, LTX, MAIT, WMOK, LIC, LIC, MNXT, LPM, CBKS, MVCO, XVCA, Y14A, WUAZ, X14A, Y13A, W15A, SMC0, Y12C, PDMC, W14A, X13A, SWSC, DVTC, BC3, W13A, MONP, IRM, BELC, PFO, PFO, W12A, GMRC, SRU, SRU, Y12A, BBRC, SYO, SYO, SYO, U12A, TOA0, TOA0, TORO, TORO, MSU, MSU, V11A, BUQ, BFSC, GSC, SHOC, DECC, DAU, EDW2, U10A, U10A, FURC, MPMC, DUG, ISA, PDAR, Q12A.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VVDA, HWUT, GRAC, CWC, TSUM, PKM, SCHO, R10A, Q11A, P12A, VES, S09A, ULM, ULM, SMMC, TIN, R09A, HCTT, RELL, S08C, N13A, O11A, M13A, P10A, N12A, PKD, R08A, R08A, T06C, NVAR, L13A, P09A, Q08A, M12A, N11A, U10A, U10A, N10A, O09A, K13C, S06C, M11A, HAST, P08A, R06C, K12A, M10A, J13A, R04C, S04C, HLID, HLID, HLID, MCMT, N08A, J12A, M07A, G15A, LAVA, MDT, N07B, P05C, MFID, F15A, BOSA, K10A, Q04C, H12A, G13A, EGMT, I11A, N06A, F14A, M07A, J10A, E15A, K09A, L08A, Q05C, SUTB, ORV, F13A, D15A.

Table with columns: Call sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Clinton, Mann Creek Ran, Donnelly, etc.

Table with columns: Call sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like GRR, Gorrn, GRR, etc.

Table with columns: Call sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KBK, Karagaybulak, KBK, etc.

NEIC 26 06:52:15.6, 1560N-98.79W, h16km, MD4.1 (MEX), After MEX. MEX 26 06:52:16.5±0.8, 1569N-9880W, h14km±25km, MD4.1, Off coast of Guerrero

IDC 26 07:03:40.9±1.0, 4697N-15567E, h0km, mb3.8/14, mb1.0/14, mb1mx3.9/24, mbtmp3.8/14, Error ellipse: s-maj=25.2km s-min=19.7km az=121.0

ISCJB 26 07:03:44.2±1.1, 4708N-15550E, h33km, mb4.0/9, Error ellipse: s-maj=22.3km s-min=12.9km az=90.9

MOS 26 07:03:44.2±1.1, 4708N-15550E, h33km, mb4.0/9, Error ellipse: s-maj=22.3km s-min=12.9km az=90.9

ISC 26 07:03:46.1±0.8, 470N-01-1556E-02, h35km, n27, ±089/27, mb3.8/15, East of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like SKR, Severo-Kuril's, KUR, Kuril'sk, etc.

NEIC 26 07:09:02.3, 3249S-71.67W, h33km, ML3.4 (GUC), After GUC. GUC 26 07:09:02.3±0.7, 3249S-7167W, h33km±2km, MD4.1, ML3.4, 6C-6D, Near coast of central Chile

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like EAGLETON, PACHECO PEAK, HLID, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like PFO, SRU, BELC, 109C, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BZS, MEM, BCLA, etc.

IDC 26 08:07:01.4-5.7, 3001S, 17724W, h0km, mb3.8/3, mb1 4.0/3, mb1m3.8/12, mbtmp3.8/3, Error ellipse: s-maj=225.4km s-min=51.2km az=150.0, Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like STEPHENS CREEK, ASAR, WRA, etc.

NEIC 26 08:13:02.2, 3842Sx17791E, h23km, ML3.8(WEL), After WEL 26 08:13:01.4-0.1, 3841S, 17789E, h29km, 1km, ML3.8/14, 2D, Error ellipse: s-maj=1.3km s-min=1.0km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like MWZ, STKA, ARK, etc.

26d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EDZR Edgcombe, WIZ White Island, MARZ Manawhai, etc.

IDC 26 08:19:59.0.7, 2333N:121 52E, h0km, mb3.9/10, mb1 4.1/11, mb1mx3.9/23, mbtmp3.9/11, ML4.0/1, MS3.4/1, Ms1 3.4/1, ms1mx2.5/28, Error ellipse: s-maj=30.4km s-min=16.4km az=75.0

NIED 26 08:20:00, 2330N:121 40E, h29km, Mw4.0, Best double couple: Mo1.31000x1015 NP1:3.12, 000000, 870, 000000, x-148, 000000, NP2:2x10.00000, 860, 00000, x-24, 000000

NEIC 26 08:20:01.3, 0.9, 2326N:121 54E, h10km, ML4.6(TAP), Error ellipse: s-maj=23.8km s-min=11.6km az=82.0

NEIC Recorded [3 TAP] in Hua-lien, [2 TAP] in Tai-tung and [1 TAP] in Chia-i Counties.

ISCJB 26 08:20:03.1, 1.1, 2322N:008.121 40E.004, h36km, 10km, mb3.8/10, Error ellipse: s-maj=12.9km s-min=5.6km az=8.6

JMA 26 08:20:03.7, 0.2, 2327N:121 43E, h86km, M4.0, BUJ 26 08:20:05.9, 2334N:120 94E, h12km, mb4.6, mb4.4, ML4.0, Ms4.1, MS3.8

ISC 26 08:20:04.3, 2.0, 2326N:007.121 41E.003, h31km, 15km, n26, c0584/34, mb3.8/10, 1C, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NACB Ninganchiao, YHNB Yehng, TATO Taipei, etc.

IDC 26 08:26:05.9.1.0, 2191N:14319E, h0km, mb3.7/8, mb1 3.9/8, mb1mx3.8/20, mbtmp3.7/8, Error ellipse: s-maj=35.6km s-min=23.0km az=83.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSRS Korea Array, SONM Songoing Array, WRA Warrungarra Arr, etc.

ISCJB 26 08:36:44.4.1.0, 2982N:004.3619E.007, h0km, Error ellipse: s-maj=8.8km s-min=6.1km az=42.1

CSEM 26 08:36:45.2.0.3, 2978N:3617E, h2km, ML1.7, Error ellipse: s-maj=6.3km s-min=2.8km az=118.0, Mining explosion.

GII 26 08:36:45.2.0.3, 2986N:3614E, h0km, 6km, ML1.7/4 HLW 26 08:36:47.3, 2975N:3615E, h5km, Mb2.7

ISC 26 08:36:44.1.0, 2981N:005.3623E.007, h0km, n17, c075/23, 4C-2D, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AQBQ Agaba, HRFI Mount Harif, EIL Eliat, etc.

2006 DEC

Table with columns: AMAG, SUZ, S, Pn, 08 38 02.6, -1.0, 08 37 33.5, +0.9

NEIC 26 08:38:04.6, 6.3342S:71 00W, h72km, MD3.8(GUC), After GUC.

GUC 26 08:38:04.6.0.7, 3342S:71 00W, h72km, 3km, MD3.8, ML3.5, 8C-6D, Chile-Arizona border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RCDM Rinconada Maip, RCDM Talagante, RCDM Santa Lucia, etc.

CSEM 26 08:47:56.4.4.0, 7338N:679E, h30km, ML2.6, Error ellipse: s-maj=169.4km s-min=25.5km az=59.0

BER 26 08:47:58.8.2.5, 7360N:635E, h10km, ML2.6(NAO), NAO 26 08:47:59.2.4.8, 7360N:635E, ML2.6, Greenland Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SPA0 Spitsbergen Arr, KBS Kongsberg, etc.

JMA 26 09:13:52.8.0.1, 2474N:12270E, h101km, 1km, M3.5, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YOJ Yonaguni jima, IRII Iriomote-Funau, etc.

IDC 26 09:15:08.6.2.4, 124S:12933E, h0km, mb3.3/2, mb1 3.5/3, mb1 3.9/8, mb1mx3.3/16, mbtmp3.3/3, ML3.6/1, Error ellipse: s-maj=143.6km s-min=28.2km az=69.0, Halmahera

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

IDC 26 09:26:58.3.9.0, 647S:15131E, h91km, 63km, mb3.1/2, mb1 3.2/3, mb1mx3.0/14, mbtmp3.1/3, ML2.2/1, Error ellipse: s-maj=117.1km s-min=57.2km az=127.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, WRA Warrungarra Arr, ASAR Alice Springs, etc.

ISCJB 26 09:48:38.5.3.0, 966S:007.12591E.008, h10km, 18km, mb4.1/9, MS2.9/2, Error ellipse: s-maj=15.4km, s-min=9.7km az=110.9

IDC 26 09:48:39.2.0.8, 967S:12582E, h10km, mb4.0/6, mb1 4.4/9, mb1mx4.2/16, mbtmp4.3/9, ML4.9/3, MS3.0/3, Ms1 3.0/3, ms1mx2.7/20, Error ellipse: s-maj=50.0km s-min=17.1km az=74.0

NEIC 26 09:48:41.1, 0.7, 965S:12567E, h10km, mb4.6/4, Error ellipse: s-maj=20.8km s-min=11.4km az=70.0

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WB2 Warrungarra Arr, ASAR Alice Springs, ASAR 9.7mm, 0.3s, bazz=321, slow=1.1, SNR=629, etc.

CSEM 26 10:38:25.0, 6762N:2196E, h10km, ML2.5, After UPP UPP 26 10:38:25.0, 6762N:2196E, h10km, ML2.5

HEL 26 10:38:25.3.0.0, 6761N:2196E, h5km, 1km, ML2.5(UPP), Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MASU Masungsbyn, MASU Lannavaara, LANU Lannavaara, etc.

ISCJB 26 10:40:00.7, 0.2, 5498N:002.333W.003, h10km, mb3.9/1, Error ellipse: s-maj=2.9km s-min=2.2km az=151.5

IDC 26 10:40:02.4, 2.3, 5509N:368W, h0km, mb4.1/1, mb1 3.7/4, mb1mx3.4/21, mbtmp3.7/4, ML3.2/2, Error ellipse: s-maj=14.4km s-min=4.0km az=50.0

CSEM 26 10:40:02.7, 0.0, 5509N:368W, h10km, ML3.6, Error ellipse: s-maj=1.7km s-min=1.0km az=79.0

LDG 26 10:40:02.8, 0.1, 5510N:363W, h10km, M3.9/21, Error ellipse: s-maj=3.0km s-min=2.3km az=73.0

BGS 26 10:40:04.0, 1.1, 5509N:364W, h8km, 5km, ML3.6, NEIC 26 10:40:04.4, 5509N:363W, h8km, ML3.6(BGS), After BGS.

NEIC Felt [V] at Dumfries. Felt widely in the Dumfries-Galloway area. BER 26 10:40:05.2, 6.5508N:368W, h15km, MD3.1, ML3.4, 3.3(BGS)

SZGRF 26 10:40:06.8, 5539N:330W, h10km, mb4.1, United Kingdom

ISC 26 10:40:02.4.0.2, 5505N:001.351W.003, h10km, n137, c132/203, mb3.9/1, 21C-7D, United Kingdom

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BWH Wardlaw, BCC1 Chapelcross, BCC1 Castle Douglas, etc.

ISC 26 10:40:02.4, 0.2, 5505N:001.351W.003, h10km, n137, c132/203, mb3.9/1, 21C-7D, United Kingdom

ISC 26 10:40:02.4, 0.2, 5505N:001.351W.003, h10km, n137, c132/203, mb3.9/1, 21C-7D, United Kingdom

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like XAL Allendale, XAL Allendale, EBL Broad Law, etc.

EDI	comp=E,5um,0.4s	AML	AML	10 40 35.6	
EDI	comp=N,3um,0.6s	AML	AML	10 40 35.7	
EDI	Edinburgh	0.90	12 P	Pg	10 40 20.4 +0.8
GIM	North Isle of	0.94	217 P	Sg	10 40 21.2 +0.7
GIM				Sg	10 40 33.8 +1.1
PGBU	Glenifferbraes	0.95	324 P	Pg	10 40 20.3 -0.3
PGBU				Pg	10 40 31.8 -1.1
PGBU				Sg	10 40 31.8 -1.1
PGBU				AML	10 40 34.8
PGBU	comp=E,2um,0.3s	AML	AML	10 40 34.8	
ESY	Stoneyhatch	1.01	301 eP	Pg	10 40 22.4 +0.6
WIM	Isle of Man	1.13	217 eP	Pb	10 40 24.3 +0.3
EBH	Black Hill	1.20	360 eP	Pb	10 40 25.4 +0.2
EBH	Black Hill	1.20	360 P	P	10 40 25.2 -0.1
EBH				P	10 40 25.4
EBH	Black Hill	1.20	360 P	Pn	10 40 25.2 0.0
GMK	Mull of Kintyre	1.23	285 P	Pb	10 40 25.0 -0.6
GMK				Sb	10 40 39.7 -2.0
EAB	Aberfoyle	1.24	338 P	Pb	10 40 25.4 -0.3
EAB	Aberfoyle	1.24	338 P	Pn	10 40 25.4 -0.3
ELO	Logie Almond	1.43	355 eP	Pb	10 40 28.6 +0.2
ELO	Cushdall	1.51	272 eP	Pb	10 40 28.0 +0.7
EDU	Dundee	1.53	10 eP	Pn	10 40 30.1 +0.4
GMM	Mts of Mourne	1.64	241 eP	Pn	10 40 30.9 -0.3
LDU	Leeds Universi	1.69	137 eP	Pn	10 40 34.9 +2.9
LDU				eS	10 40 58.6 +5.0
LDU				AML	10 41 05.5
LDU	comp=Z,597nm,0.4s				
LDU	Leeds Universi	1.69	137 P	Pn	10 40 34.9 +2.9
LDU				S	10 40 58.6 +5.0
WCB1	Church Bay	1.78	200 eP	Pn	10 40 33.6 +0.4
LHO	Holmfirth	1.79	147 eP	Pn	10 40 35.1 +1.8
YRC	Rhoscolyn	1.91	200 eP	Pn	10 40 35.0 +0.5
YRE	Yr Eifl	2.14	195 eP	Pn	10 40 38.9 +0.7
KAR1	Arisaig	2.28	326 eP	Pn	10 40 39.9 -0.2
HLM1	comp=Z,274nm,0.6s				
HLM1	Long Mynd	2.56	171 eP	Pn	10 40 45.4 +1.4
HLM1	Long Mynd	2.56	171 eP	Pn	10 40 45.3 +1.4
KPL	Plockton	2.59	333 eP	Pn	10 40 44.4 +0.4
KPL				eS	10 41 13.1 -2.8
KPL				AML	10 41 22.2
KPL	comp=E,347nm,0.6s				
KPL	Plockton	2.59	333 P	Pn	10 40 44.4 +0.1
KPL				S	10 41 13.1 -2.8
KPL				S	10 40 35.0 -0.2
KPL				S	10 40 35.1 +0.9
HTR	Achnashellach	2.65	339 eP	Pn	10 40 52.8 +1.8
MCH1	Michaelchurch	3.07	174 P	Pn	10 40 52.8 +1.8
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				eP	10 40 52.8
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 P	Pn	10 40 52.8 +1.8
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=E,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s				
MCH1				AML	10 41 46.0
MCH1	comp=N,135nm,0.4s				
MCH1	Michaelchurch	3.07	174 eP	Pn	10 40 52.7 +1.7
MCH1				AML	10 41 45.7
MCH1	comp=N,139nm,0.6s	</			

Table with columns: ARU, ARTI, BOD, JOF, etc. and rows of station data including call signs, frequencies, and coordinates.

NIED 26 11:12:00, 4550N, 15010E, h71km, Mw3.7 Best double couple: M=4.27000x10^14 ...

ICD 26 11:12:25.6, 6.4561N, 14981E, h106km, 72km, Mb3.3/4, mb1 3.5/6, mb2 3.2/2, mb3 3.6/2, Error ellipse: s-maj=106.4km s-min=42.0km az=143.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. listing stations like Kuril'sk, Masada, etc.

Table with columns: INK, YKA, YKA, INK, etc. and rows of station data.

IDC 26 11:29:50.8, 2.9780S, 11594E, h0km, mb3.2/4, mb1 3.5/4, s-maj=164.6km s-min=21.9km az=53.0, Bali Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. listing stations like WRA, ASAR, etc.

ISCJB 26 11:30:51.9, 0.5, 4017N, 10623E, 0.04, h10km, mb3.3/2, Error ellipse: s-maj=6.2km s-min=4.2km az=143.3

IDC 26 11:30:52.5, 1.3, 4011N, 10592E, h0km, mb3.4/2, mb1 3.4/4, mb2 3.3/2, mb3 3.2/4, ML2.9/2, Error ellipse: s-maj=50.1km s-min=20.3km az=77.0

BUI 26 11:30:54.7, 4029N, 10583E, h15km, ML3.7, Ms3.1, Ms3.2

ISC 26 11:30:53.7, 0.5, 4009N, 10404E, 10613E, 0.04, h10km, m9, @1540/19, mb3.3/2, Western Nei Mongol

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. listing stations like Baotou, Hu-ho-hao-te, etc.

HLW 26 11:57:36.6, 31.44N, 35.79E, h20km, Mb2.8, Gll 26 11:57:40.5, 0.2, 31.13N, 35.18E, h0km, ML2.4/4

ISC 26 11:57:41.0, 0.1, 31.13N, 35.18E, h2km, ML2.4, Error ellipse: s-maj=1.9km s-min=1.1km az=113.0, Mining explosion.

ISC 26 11:57:41.7, 0.4, 31.12N, 0.02, 3520E, 0.05, h0km, m21, @1504/30, 4D, Dead Sea region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. listing stations like Masada, Yattir, etc.

NEIC 26 12:06:29.4, 1588N, 9891W, h20km, MD4.2(MEX), After MEX.

MEX 26 12:06:29.5, 0.7, 1589N, 9890W, h21km, 24km, MD4.2, Off coast of Guerrero

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. listing stations like Pinotepa, Acapulco, etc.

Table with columns: HUIG, HUIG, TPIG, SZVM, etc. and rows of station data.

NIED 26 12:00:00, 4160N, 14210E, h47km, Mw3.7 Best double couple: M=3.52000x10^14 ...

ISCJB 26 12:00:50.4, 0.4, 4156N, 14209E, 0.04, h68km, 5km, mb3.7/6, Error ellipse: s-maj=6.3km s-min=4.1km az=78.5

JMA 26 12:00:50.7, 0.1, 4156N, 14209E, h65km, 3km, M3.5, Broadband fault plane solution: P waves: NPT1

NEIC 26 12:00:50.8, 4156N, 14209E, h65km, MG3.5(JMA), After JMA.

IDC 26 12:00:52.6, 1.9, 4163N, 14221E, h74km, 17km, mb3.5/6, mb1 3.6/9, mb2 3.4/2, mb3 3.5/9, Error ellipse: s-maj=26.5km s-min=13.8km az=108.0

ISC 26 12:00:51.2, 0.4, 4156N, 14208E, 0.04, h61km, 5km, m24, @075/38, mb3.8/6, 4C-5D, Hokaido region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. listing stations like Ohtata, Kayabe, etc.

ASAJ 5.1nm, 0.3s, baz=218, slow=14, SNR=70

MJAR Matsushiro Arr 5.85 212 P Pn 12 22 19.6 +4.4

KSRS Korea Array 11.68 254 P Pn 12 23 40.1 +5.2

SOMN Songino Array 25.97 296 P Pn 12 26 18.4 +0.5

ZAL Zalesovo 39.308 P Pn 12 28 15.1 +0.3

BVAR Borovoye Arr 48.00 309 P Pn 12 29 23.6 -0.3

AKTK Aktubinsk 59.60 310 P Pn 12 30 20.6 -3.6

YKA Yellowknife Arr 56.16 32 P Pn 12 30 49.3 +0.3

WRA Warramunga Arr 61.61 188 P Pn 12 31 01.5 -0.8

FINES FINESS Array B 65.07 332 P Pn 12 31 24.8 -0.4

IDC 26 12:22:40.9, 0.6, 2478N, 9864E, h0km, mb4.2/17, mb1 4.3/17, mb2 4.1/26, mb3 4.2/17, Error ellipse: s-maj=24.1km s-min=14.3km az=57.0

ISCJB 26 12:22:41.9, 1.1, 2478N, 0.05, 9858E, 0.04, h20km, 9km, mb4.2/18, Error ellipse: s-maj=9.0km s-min=6.6km az=1.1

NEIC 26 12:22:42.0, 2.480N, 9864E, h10km, mb4.4/2, Error ellipse: s-maj=10.9km s-min=7.6km az=219.0

BUI 26 12:22:43.2, 2491N, 9881E, h20km, mb4.5, mb4.1, ML4.3, Ms4.0, Ms2.0

ISC 26 12:22:43.7, 2.0, 2479N, 0.05, 9864E, 0.04, h17km, 13km, m43, @097/47, mb4.2/18, Myanmar-China border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. listing stations like Kunming, Chiang Mai, etc.

MAK	comp=Z,203um,18.0s,MS7.3	MLR	MLR		
MAK	comp=N,113um,20.0s,MS7.5	MLR	MLR		
FALS	comp=E,257um,19.0s,MS7.5	eP	P	12 36 58.3 +0.1	
PECR	False Pass	38			
PECR	Pechory	64.62 323z	iP	P	12 36 58.6 -0.9
PECR	comp=E,6um,10.0s		pmax		
PECR	comp=Z,21um,10.0s		pmax		
PECR	comp=Z,51um,19.0s,MS6.7	MLR	MLR		
PECR	comp=E,24um,17.0s	MLR	MLR		
DGRG	David-gareji	64.98 307	P	P	12 37 03.3 +1.5
UMR	Umm Al-Rimmam	65.12 293	eP	P	12 37 02.1 -0.7
UMR	comp=Z,21um,10.0s,mb6.7		Amb		12 37 08.1
KBD	Kabd	65.22 293	eP	Amb	12 37 03.3 0.0
KBD	comp=Z,4um,1.5s,mb7.2		Amb		
MTA	Mtatsminda	65.38 307	P	P	12 37 05.1 +0.7
MIB	Mutribah	65.39 294	eP	Amb	12 37 03.5 -1.0
MIB	comp=Z,925nm,0.8s,mb6.9		Amb		12 37 09.8
RDF	Al-Radifah	65.40 293	eP	P	12 37 03.7 -0.8
RDF	comp=Z,2um,0.8s,mb7.1		Amb		12 37 09.8
NAY	Al-Naalem	65.59 293	eP	Amb	12 37 04.8 -1.0
NAY	comp=Z,546nm,1.2s,mb6.5		Amb		12 37 10.9
KZR	Kazreti	65.71 307	P	P	12 37 08.0 +1.5
GOR	Gori	65.83 307	P	P	12 37 03.5 +1.8
SDPT	Sand Point	66.09 38	eP	P	12 37 08.2 -0.8
SDPT	comp=Z,230nm,0.6s,mb6.4				
GOF	Gofitskoye	66.20 311	iP	P	12 37 15.0 +5.3
GOF	comp=Z,650nm,0.8s,mb6.7		pmax		
ONI	Oni	66.24 308	P	P	12 37 11.8 +1.9
VRHR	Novokhopersk	66.43 318	eP	P	12 37 10.4 -0.7
VRHR	comp=Z,170nm,0.5s,mb6.3		eS		12 45 59.0 -2.7
VRHR	comp=N,200nm,0.4s		pmax		
VRHR	comp=E,110nm,0.7s		pmax		
VRHR	comp=N,13um,11.8s		pmax		
VRHR	comp=Z,8um,13.8s		pmax		
VRHR	comp=E,8um,10.4s		pmax		
VRHR	comp=Z,83um,17.0s,MS7.0	MLR	MLR		
VRHR	comp=N,115um,20.0s,MS7.1	MLR	MLR		
VRHR	comp=N,115um,20.0s,MS7.1	MLR	MLR		
CLDR	Caldran	66.43 304	P	P	12 37 12.8 +1.6
KIV	Kislovodsk	66.60 310	P	P	12 37 13.4 +1.2
KIV	comp=E,7um,0.9s,mb7.7				
KIV	Kislovodsk	66.60 310z	iP	P	12 37 12.8 +0.6
KIV	comp=Z,3um,2.9s,mb7.3		e		12 37 43.3
KIV	comp=Z,1um,0.8s,mb6.9		eS		12 39 42.9
KIV	comp=Z,162um,18.0s,MS7.3		pmax		12 46 01.9 -1.9
KIV	Kislovodsk	66.60 310	eP	P	12 37 12.7 +0.4
KIV	comp=Z,1um,0.9s,mb6.9		pmax		
KARS	Kars	66.81 306	P	P	12 37 15.2 +1.6
HKR	Hakkari	66.84 303	P	P	12 37 15.1 +1.3
HAKT	HAKKARI	66.87 303	iP	P	12 37 14.4 +0.5
TVAN	Van	66.93 304	P	P	12 37 16.0 +1.7
VANB	Van	66.93 304	P	P	12 37 20.9 +6.5
CUKT	Cukurca	67.00 302	P	P	12 37 14.2 -0.6
AGRB	Hanur-Agry	67.06 305	P	P	12 37 16.1 +0.9
BHD	Baghdad	67.15 298	ix	x	12 37 12.0
BHD	comp=Z,17um,37eP		x		12 46 09.0
CHGN	Chignik	67.17 37	eP	P	12 37 14.3 -1.6
ARTV	Artvin	67.59 307	iP	P	12 37 19.9 +1.4
MSL	Mosul	67.59 301	ix	x	12 37 20.0
MSL	comp=Z,2um,1.8s,mb7.1		ix		12 46 16.5
MSL	comp=Z,2um,1.8s,mb7.1		ix		12 46 16.5
TTA	Tatalina	67.81 28	eP	P	12 37 18.6 -1.3
TTA	Tatalina	67.81 28	eP	P	12 37 18.7 -1.2
MUKL	AI Mukalla	67.83 277z	eP	P	12 37 21.0 +0.9
MUKL	comp=Z,4um,1.8s,mb7.1		Amb		12 37 25.3
VORD	Divnogorie	67.90 318	eP	P	12 37 18.3 -2.2
VORD	comp=Z,180nm,1.1s,mb6.0		eS		12 46 09.8 -1.0
VORD	comp=Z,180nm,1.1s,mb6.0		pmax		
VORD	comp=N,150nm,0.6s		pmax		
VORD	comp=E,230nm,0.6s		pmax		
VORD	comp=N,28um,14.4s		pmax		
VORD	comp=Z,10um,18.0s		pmax		
VORD	comp=E,7um,7.3s		pmax		
VORD	comp=N,45um,16.0s,MS7.1	MLR	MLR		
VORD	comp=Z,60um,16.0s,MS6.9	MLR	MLR		
VORD	comp=E,78um,18.0s,MS7.1	MLR	MLR		
SVW2	Sparrevoth	68.17 31	eP	P	12 37 21.7 -0.5
ERZM	Erzurum	68.24 306	iP	P	12 37 23.3 +0.7
EZM	Erzurum	68.24 306	P	P	12 37 24.1 +1.5
MOS	Moscow	68.28 323z	iP	P	12 37 22.1 -0.8
MOS	comp=Z,2um,1.8s,mb7.1		ePPP		12 39 55.4
MOS	comp=Z,2um,1.8s,mb7.1		eS		12 41 33.3
MOS	comp=N,311nm,1.5s		pmax		12 46 22.6 -1.4
MOS	comp=E,225nm,1.5s		pmax		
MOS	comp=Z,1um,1.5s,mb6.7		pmax		
MOS	comp=Z,142um,17.1s,MS7.3	MLR	MLR		
MOS	comp=N,129um,19.8s,MS7.2	MLR	MLR		
MOS	comp=E,70um,17.9s,MS7.2	MLR	MLR		
LVZ	Lovozero	68.42 336	P	P	12 37 24.1 +0.4
LVZ	comp=E,1um,0.9s,mb6.8,SNR=7.8		P		12 37 22.7 -1.0
LVZ	Lovozero	68.42 336	eP	S	12 46 18.3 -7.3
LVZ	comp=N,519nm,2.8s		pmax		
LVZ	comp=Z,5um,2.8s,mb7.1		pmax		
LVZ	comp=E,2um,3.0s		pmax		
LVZ	comp=E,77nm,0.9s		pmax		
LVZ	comp=Z,144nm,0.9s,mb6.0		pmax		
LVZ	comp=N,49nm,0.8s		pmax		
LVZ	comp=Z,10um,10.5s		pmax		
LVZ	comp=N,24um,9.9s		pmax		
LVZ	comp=E,11um,9.6s		pmax		
LVZ	comp=E,113um,17.0s	MLR	MLR		
LVZ	comp=Z,174um,17.0s,MS7.4	MLR	MLR		
LVZ	comp=N,24um,24.0s	MLR	MLR		
LVZ	Lovozero	68.42 336z	eP	P	12 37 25.6 +1.9
BTMT	Batman	68.47 304	P	P	12 37 25.2 +1.1
IMA2	Indian Mountai	68.53 26	eP	P	12 37 24.0 -0.5

BINGOL	68.58 305	iP	P	12 37 26.4 +1.6	
SOCHI	68.78 310z	iP	P	12 37 26.2 +0.2	
SOC	comp=Z,444nm,1.0s,mb6.3		e		12 37 50.7
SOC	comp=Z,7um,3.0s		ePPP		12 39 59.5
SOC	comp=Z,2um,1.1s,mb7.1,SNR=256		iS		12 41 38.8
SOC	comp=Z,703nm,1.1s,mb6.5		pmax		12 46 30.2 +0.3
SOC	comp=Z,194um,17.0s,MS7.4		pmax		
SOC	Sochi	68.78 310	iP	P	12 37 26.9 +0.9
MSEY	Mahe Island	68.88 256	P	P	12 37 27.1 +0.5
MSEY	Mahe Island	68.88 256	eP	P	12 37 27.4 +0.8
MSEY	comp=Z,22um,21.0s,MS6.4		LR		12 37 08.1
APA	Apacity	68.92 336z	iP	P	12 37 27.0 +0.1
APA	comp=Z,822nm,1.6s,mb6.4		i		12 37 49.0
APA	comp=Z,822nm,1.6s,mb6.4		i		12 40 00.0
APA	comp=Z,822nm,1.6s,mb6.4		iPPP		12 41 45.0
APA	comp=Z,822nm,1.6s,mb6.4		iS		12 46 27.0 -4.6
APA	comp=Z,22um,9.0s		e		12 46 46.0
OBN	comp=Z,310um,20.0s,MS7.5		pmax		
OBN	Obninsk	68.96 322	P	P	12 37 26.4 -0.7
OBN	comp=Z,2um,1.5s,mb7.0,SNR=16		P		12 37 26.1 -1.0
OBN	Obninsk	68.96 322z	iP	P	12 37 26.1 -1.0
OBN	comp=Z,55um,19.0s,MS6.8		e		12 37 37.1
OBN	Tasmania Unive	69.01 159	P	P	12 37 55.2
OBN	comp=Z,7um,1.4s,mb7.4,SNR=43		i		12 39 58.6
OBN	Tasmania Unive	69.01 159	eP	P	12 37 27.8 -4.2
OBN	comp=Z,3um,1.5s,mb7.0		iS		12 46 27.8 -4.2
OBN	comp=Z,5207um,2.3s		pmax		
OBN	comp=Z,768nm,1.1s,mb6.5		pmax		
OBN	comp=Z,180um,15.0s,MS7.4		MLR		
OBN	Obninsk	68.96 322	eP	P	12 37 26.3 -0.8
OBN	comp=Z,1um,1.4s,mb6.7		LR		
OBN	comp=Z,55um,19.0s,MS6.8		LR		
TAU	Tasmania Unive	69.01 159	P	P	12 37 28.1 +0.6
TAU	comp=Z,7um,1.4s,mb7.4,SNR=43		P		12 37 27.8 +0.3
TAU	Tasmania Unive	69.01 159	eP	P	12 37 27.8 +0.3
TAU	comp=Z,3um,1.5s,mb7.0		pmax		
TAU	comp=Z,13um,20.0s,MS6.2		MLR		
TAU	Tasmania Unive	69.01 159	eP	P	12 37 27.8 +0.4
TAU	comp=Z,3um,1.5s,mb7.0		LR		
BINT	Bingo	69.11 305	P	P	12 37 29.3 +1.2
MARD	Mardin	69.20 303	iP	P	12 37 29.4 +0.8
KTUT	Trabzon	69.23 307	P	P	12 37 27.3 -1.5
MACK	Trabzon	69.24 307	iP	P	12 37 29.5 +0.6
EZC	Erzincan	69.44 306	P	P	12 37 33.1 +3.0
DIY	Diyarbakir	69.51 304	P	P	12 37 31.1 +0.6
GUIMT	Gumushane	69.55 306	P	P	12 37 31.8 +1.0
KELT	Kelkit	69.78 306	iP	P	12 37 33.5 +1.3
PTK	Pertek	69.94 305	P	P	12 37 34.5 +1.4
KDKA	Kodiak Island	70.14 35	P	P	12 37 33.2 -1.2
ANN	Anapa	70.16 311z	iP	P	12 37 34.3 -0.3
ANN	comp=Z,3um,1.2s,mb7.0,SNR=35		e		12 37 50.4
ANN	comp=Z,3um,1.2s,mb7.0,SNR=35		e		12 40 17.0
ANN	comp=Z,3um,1.2s,mb7.0,SNR=35		ePPP		12 41 54.4
ANN	comp=Z,3um,1.2s,mb7.0,SNR=35		eS		12 46 45.5 -0.8
ANN	comp=Z,1um,0.9s,mb6.8		pmax		
ANN	comp=N,121um,21.0s,MS7.2		MLR		
ANN	comp=E,105um,21.0s,MS7.2		MLR		
ANN	comp=Z,189um,21.0s,MS7.3		MLR		
ANN	Anapa	70.16 311	iP	P	12 37 34.2 -0.4
BESH	AI Beshri	70.32 301	iP	P	12 37 39.7 +4.2
ELCZ	Elazig	70.34 304	iP	P	12 37 36.9 +1.3
GRSN	Giresungrns	70.35 307	iP	P	12 37 35.5 -0.2
JOF	Joensuu	70.43 331	eP	P	12 37 34.5 -1.7
URFA	Urfa	70.70 303	P	P	12 37 38.4 +0.6
MYA	Malataya	70.80 304	P	P	12 37 39.0 +0.8
MALT	Malatya	70.80 304z	iP	P	12 37 40.2 +1.7
SLKM	Siqlik Lake	70.86 32	eP	P	12 37 36.2 -2.6
MCK	McKinley	70.86 28	eP	P	12 37 37.4 -1.4
MCK	comp=Z,532nm,0.8s,mb6.5		e		12 40 12.9
MCK	comp=Z,695nm,1.6s,mb6.3		pmax		
MCK	comp=Z,82um,22.0s,MS6.9		MLR		
MCK	McKinley	70.86 28	eP	P	12 37 37.4 -1.4
MCK	comp=Z,695nm,1.6s,mb6.3		PP		12 40 12.9 -2.8
MCK	comp=Z,82um,22.0s,MS6.9		LR		
KEV	Kevo	70.91 338	eP	P	12 37 38.0 -1.1
KEV	comp=Z,150nm,0.7s,mb6.0		P		12 37 38.0 -1.1
KEV	Kevo	70.91 338	eP	P	12 37 38.0 -1.1
KEV	comp=N,150nm,0.7s,mb6.0		pmax		
ATAB	Bozova	71.10 304	iP	P	12 37 41.0 +0.8
COL	College	71.11 27	eP	P	12 37 39.8 -0.5
COL	comp=Z,186nm,0.8s,mb6.1		e		12 40 18.6
COL	comp=Z,186nm,0.8s,mb6.1		pmax		
COL	comp=Z,147um,20.0s,MS7.2		MLR		
COL	College	71.11 27	eP	P	12 37 39.8 -0.6
COL	comp=Z,186nm,0.8s,mb6.1		ePP		12 40 18.6 +0.7
COL	comp=Z,147um,20.0s,MS7.2		LR		
PMR	Palmer	71.18 30	eP	P	12 37 39.5 -1.2
PMR	comp=Z,730nm,1.3s,mb6.5		pmax		
PMR	comp=Z,452nm,1.2s,mb6.3		P		12 37 39.7 -1.0
JHNL	AI Jahlan	71.41 302	iP	P	12 37 42.7 +0.6
ARCES	ARCCESS Array B	71.46 338	eP	P	12 37 41.5 -0.9
AREO	ARCCESS Array S	71.49 328	eP	P	12 37 42.7 +0.2
PUL	Pulkovo	71.49 328	eP	P	12 37 42.0 -0.6
PUL	comp=Z,5um,3.0s		S		12 46 54.1 -7.6
PUL	comp=E,5um,3.0s		pmax		
PUL	comp=Z,6um,3.0s		pmax		
PUL	comp=E,492nm,0.8s		pmax		
PUL	comp=Z,548nm,0.8s,mb6.5		pmax		
PUL	comp=N,469nm,1.0s		pmax		
PUL	comp=Z,504um,20.0s,MS7.8		MLR		
PUL	comp=N,169um,25.0s		MLR		
PUL	comp=E,362um,18.0s				

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like AFI Afiamalu, ZFRI Zfri, KIS Kishinev, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like SZH Strazhca, WAR Warsaw, WARS Warsaw, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like OSL Oslo, CRZL Canterbury Las, BSN Bornholm Skovb, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Alder Springs, Lookout, Air Smara, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Carment Viney, Fry Pan Ranch, Wild Horse Val, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like R04C, AKET, MFID, HRY, WCN, etc.

ETOR	Torete	97.98	320	P	P	12 39 59.3	+1.2
K12A	Draper Farm, C	97.98	38	↓	P	12 39 58.6	+0.5
K12A	Battle Mountai	97.99	41	eP	P	12 39 59.1	+0.9
BMN	BMN						
BMN	comp-Z,122nm,1.4s,mb6.2				MLR	MLR	
BMN	comp-Z,63µm,22.0s,MS7.1				MLR	MLR	
BMN	Battle Mountai	97.99	41	eP	P	12 39 59.1	+0.9
BMN	comp-Z,122nm,1.4s,mb6.2				LR	LR	
V03C	Hunter Liggett	98.01	46	↓	P	12 39 58.8	+0.6
V03C	baz=98				↑	SKSac	SKSac
ECHE	Chera	98.06	318	P	P	12 39 59.6	+1.1
ECHE	comp-Z,366nm,3.0s				pmax	pmax	
ECHE	Chera	98.06	318	P	P	12 39 59.6	+1.1
U04C	Hernandez Rese	98.12	46	↓	P	12 39 59.9	+1.2
U04C	baz=98				↑	SKSac	SKSac
EBEN	Beniarda	98.12	317	P	P	12 40 00.9	+2.1
O09A	Fish Creek Ran	98.17	41	↓	P	12 40 00.2	+1.2
O09A	baz=98				↑	SKSac	SKSac
M11A	Holland Ranch,	98.23	39	↑	P	12 40 00.5	+1.3
M11A	baz=98				↑	SKSac	SKSac
EAR1	Arriondas	98.24	323	P	P	12 40 02.1	+2.8
N10A	Dunphy	98.25	40	↓	P	12 40 00.6	+1.3
N10A	baz=98				↑	SKSac	SKSac
R07C	Lee Vining	98.25	43	↓	P	12 40 00.7	+1.3
R07C	baz=98				↑	SKSac	SKSac
TBI	Tubuj	98.39	112	ePP	PP	12 44 02.9	+3.0
TBI	comp-Z,3µm,26.8s						
TBI	Tubuj	98.39	112	eSKSac	SKSac	12 50 35.4	-3.0
TBI	comp-Z,23µm,34.8s				eSP	SP	
TBI	comp-Z,33µm,33.8s				eLR	LR	
EBNR	Beni Rached	98.39	314	P	P	12 40 01.6	+1.6
K13A	Stover Farm, H	98.44	37	↑	P	12 40 01.7	+1.5
K13A	baz=98				↑	SKSac	SKSac
QLMT	Earthquake Lak	98.45	35	eP	P	12 40 00.4	+0.2
T06C	Millerton Lake	98.46	45	↓	P	12 40 00.8	+0.5
V04C	Ramage Ranch,	98.47	46	↑	P	12 40 00.8	+0.4
V04C	baz=98				↑	SKSac	SKSac
Q08A	Gabbs	98.50	42	↓	P	12 40 01.0	+0.5
Q08A	baz=98				↑	SKSac	SKSac
O10A	Cortez Mining,	98.51	40	↑	P	12 40 00.9	+0.3
O10A	baz=98				↑	SKSac	SKSac
PKD	Parkfield	98.52	46	↑	P	12 40 00.9	+0.3
PKD	baz=98				↑	SKSac	SKSac
NVAR	Mina Array Bea	98.53	43	P	P	12 40 00.2	-0.4
NVAR	comp-Z,11nm,0.9s,baz=314,slow=1.4,SNR=5.8						
NVAR	comp-Z,2.2nm,1.0s,baz=61,slow=46,SNR=3.1						
KCC	Kaiser Creek	98.53	44	↓	P	12 40 00.9	+0.3
KCC	baz=98				↑	SKSac	SKSac
U05C	Westside ANR,	98.57	45	↑	P	12 40 01.3	+0.5
U05C	baz=98				↑	SKSac	SKSac
ECHA	Ech Chlef	98.57	314	P	P	12 40 02.8	+2.0
P09A	Austin	98.58	41	↓	P	12 40 01.1	+0.2
P09A	baz=98				↑	SKSac	SKSac
N11A	Elko Archery C	98.64	40	↑	P	12 40 01.6	+0.4
N11A	baz=98				↑	SKSac	SKSac
MLAC	Mammoth Lakes	98.66	44	↑	P	12 40 02.0	+0.9
MLAC	baz=98				↑	SKSac	SKSac
R08A	Mina	98.70	43	↓	P	12 40 02.1	+0.7
R08A	baz=98				↑	SKSac	SKSac
CGMT	Greycliff	98.71	33	eP	P	12 40 01.8	+0.4
MAW	Mawson	98.72	199	ePDIF	P	12 40 00.9	-0.6
MAW	comp-Z,29nm,1.0s,mb5.8						
MAW	Mawson	98.72	199	P	P	12 39 59.2	-2.3
MAW	comp-Z,60nm,1.2s,mb6.0,baz=50,slow=6.7,SNR=16				PP	PP	
MAW	comp-Z,24nm,1.2s,baz=65,slow=4.1,SNR=3.0						
MAW	comp-Z,20nm,0.9s,baz=289,slow=6.4,SNR=9.6						
MAW	Mawson	98.72	199	eP	P	12 40 00.9	-0.6
MAW	comp-Z,29nm,1.0s				pmax	pmax	
M12A	Wells	98.75	39	↑	P	12 40 01.9	+0.3
M12A	baz=98				↑	SKSac	SKSac
YMR	Madison River	98.81	34	eP	P	12 40 02.8	+1.0
YMR	comp-Z,85nm,1.3s,mb6.1				LR	LR	
EANR	'Ain N'Sour	98.87	314	P	P	12 40 03.5	+1.4
L13A	Double Diamond	98.88	38	↓	P	12 40 02.5	+0.3
L13A	baz=98				↑	SKSac	SKSac
PTRM	Twissleman Ran	98.90	46	eP	P	12 40 03.0	+0.7
P10A	Eureka	98.95	41	↓	P	12 40 02.8	+0.3
P10A	baz=98				↑	SKSac	SKSac
ELK	Elko	98.98	40	eP	MLR	12 40 03.8	+1.2
ELK	comp-Z,85µm,20.0s				MLR	MLR	
O09A	Carvers	98.98	42	↑	P	12 40 02.9	+0.2
Q09A	baz=98				↑	SKSac	SKSac
V05C	Boulder Hill,	98.98	46	↓	P	12 40 02.7	+0.1
V05C	baz=98				↑	SKSac	SKSac
ETOB	Tobarra	98.98	318	P	P	12 40 04.3	+1.6
YFT	Old Faithful	99.02	35	eP	P	12 40 05.3	+2.5
N12A	Clover Valley,	99.03	39	↓	P	12 40 03.1	+0.2
N12A	baz=98				↑	SKSac	SKSac
ETRT	Tiaret	99.05	314	P	P	12 40 03.6	+0.7
HELL	Mitchell Peak,	99.09	45	↑	P	12 40 03.2	0.0
HELL	baz=98				↑	SKSac	SKSac
HELL	baz=98				↑	SKSac	SKSac
O11A	Cowboy Ranch,	99.12	40	↑	P	12 40 03.6	+0.3
O11A	baz=98						

O11A	baz=98				↑	SKSac	SKSac	12 50 39.7	-2.4
S08C	White Mtn Res	99.16	44	↑	P	12 40 04.2	+0.7		
S08C	baz=98				↑	SKSac	SKSac	12 50 43.1	+0.8
RCTC	Rector, Farmer	99.17	45	↑	SKSac	SKSac	12 50 39.6	-2.7	
LKWY	Lake	99.17	34	ePdif	P	12 40 06.0	+2.5		
LKWY	comp-Z,60nm,1.3s,mb6.0				LR	LR			
M13A	Montello	99.22	38	↓	P	12 40 04.2	+0.5		
M13A	comp-Z,136µm,20.0s,MS7.5								
M13A	baz=98				↑	SKSac	SKSac	12 50 42.9	+0.3
SMMC	Simmler	99.24	46	↓	P	12 40 03.8	+0.7		
SMMC	baz=98				↑	SKSac	SKSac	12 50 41.1	-0.9
EMUR	La Murta	99.28	317	P	P	12 40 05.3	+1.3		
EMUR	comp-Z,7.0nm,0.6s,mb5.4								
EPON	Pontenova	99.28	324	P	P	12 40 04.9	+0.9		
EPON	comp-Z,26nm,1.1s,mb5.7								
GUD	Guadarrama	99.33	321	P	P	12 40 06.0	+1.8		
GUD	comp-Z,46nm,1.1s,mb5.9				pmax	pmax			
GUD	Guadarrama	99.33	321	P	P	12 40 06.0	+1.8		
RLMT	Red Lodge	99.38	33	eP	P	12 40 04.8	+0.4		
RLMT	comp-Z,46nm,1.1s,mb5.9				LR	LR			
TIN	Tinemaha	99.39	44	↑	P	12 40 04.2	-0.2		
TIN	comp-Z,140µm,22.0s,MS7.4								
TIN	baz=98				↑	SKSac	SKSac	12 50 42.7	-0.7
R09A	Tonopah	99.41	42	↑	P	12 40 05.1	+0.5		
R09A	baz=98				↑	SKSac	SKSac	12 50 42.8	-0.8
TPH	Tonopah	99.42	43	eP	pmax	12 40 05.2	+0.6		
TPH	comp-Z,99nm,1.2s,mb6.2				MLR	MLR			
TPH	comp-Z,77µm,20.0s,MS7.2								
TPH	Tonopah	99.42	43	ePdif	P	12 40 05.2	+0.6		
TPH	comp-Z,99nm,1.2s,mb6.2				LR	LR			
P11A	Circle Ranch,	99.42	41	↑	P	12 40 04.8	+0.2		
P11A	baz=98				↑	SKSac	SKSac	12 50 42.1	-1.5
N13A	Vestall, Wendover, West	99.52	39	↓	P	12 40 05.7	+0.6		
N13A	baz=98				↑	SKSac	SKSac	12 50 43.2	-0.9
VES	Vestall, Richgr	99.55	45	↓	P	12 40 04.7	-0.5		
VES	baz=98				↑	SKSac	SKSac	12 50 42.0	-2.2
MOOV	Moose Ponds	99.55	35	ePdif	P	12 40 06.1	+0.9		
EVIA	Via	99.58	318	P	P	12 40 07.7	+2.4		
EVIA	comp-Z,9.1nm,0.9s								
PKM	Peak Mountain	99.60	46	↑	P	12 40 05.6	+0.2		
PKM	baz=98				↑	SKSac	SKSac	12 50 44.0	-0.4
S09A	Goldfield	99.63	43	↓	P	12 40 05.8	+0.3		
S09A	baz=100				↑	SKSac	SKSac	12 50 44.8	+0.2
SNOW	Snow King Moun	99.74	35	ePdif	Pdif	12 40 07.2	+1.2		
HVU	Hansel Valley	99.75	37	ePdif	Pdif	12 40 06.2	+0.2		
REDW	Red Top Meadow	99.75	35	ePdif	Pdif	12 40 06.9	+0.8		
LAO	LASA Array	99.76	31	ePdif	LR	12 40 06.5	+0.4		
LAO	comp-Z,141µm,21.0s,MS7.4								
ESDC	Seneca Array	99.83	320	P	Pdif	12 40 05.5	-0.9		
ESDC	comp-Z,5.3nm,0.8s,baz=48,slow=7.6,SNR=12								
ESDC	Seneca Array	99.83	320	P	Pdif	12 44 09.0	-1.9		
ESDC	comp-Z,7.6nm,0.9s,baz=40,slow=4.8,SNR=11								
ESLA	Seneca Array	99.83	320	ePdif	Pdif	12 40 07.5	+1.1		
ESLA	comp-Z,7.2nm,1.3s								
CWC	Cottonwood Cre	99.85	44	↓	LR	12 40 06.6	+0.1		
CWC	comp-Z,549µm,20.0s,MS8.1								
CWC	baz=100				↑	SKSac	SKSac	12 50 45.1	-0.6
R10A	Warm Springs	99.86	42	↓	P	12 40 07.1	+0.6		
R10A	baz=100				↑	SKSac	SKSac	12 50 46.1	+0.4
ERUA	La Rua	99.90	323	P	Pdif	12 40 08.4	+1.7		
ERUA	comp-Z,283nm,2.4s								
Q11A	Duckwater	99.92	41	↑	P	12 40 07.8	+1.0		
Q11A	baz=100				↑	SKSac	SKSac	12 50 45.0	-1.0
SBC	Santa Barbara	99.93	47	↓	P	12 40 07.6	+0.8		
SBC	baz=100				↑	SKSac	SKSac	12 50 44.4	-1.6
GRAC	Grapevine Rang	99.97	44	↓	P	12 40 07.3	+0.3		
GRAC	baz=100				↑	SKSac	SKSac	12 50 45.3	-1.0
ECAL	Calabar	99.98	323	P	Pdif	12 40 08.8	+1.7		
ECAL	comp-Z,9.1nm,0.7s								
P12A	McGill	99.98	40	↓	P	12 40 07.9	+0.8		
P12A	baz=100				↑	SKSac	SKSac	12 50 44.9	-1.4
AHID	Auburn Hatcher	100.02	36	ePdif	LR	12 40 11.3	+4.1		
AHID	comp-Z,86µm,20.0s,MS7.2								
ISA	Isabella	100.05	45	↑	P	12 40 07.9	+0.5		
ISA	baz=100				↑	SKSac	SKSac	12 50 44.9	-1.7
PBRG	Braganca	100.07	323	ePP	PP	12 44 12.3	-0.4		
ARVC	Arvin	100.13	46	↓	P	12 40 07.8	0.0		
ARVC	baz=100				↑	SKSac	SKSac	12 50 46.7	-0.4
PAB	San Pablo	100.14	320	PFAKE	LR	12 40 20.0	+1.2		
PAB	comp-Z,148µm,20.0s,MS7.5								
EHUE	Huescar	100.14	318	P	Pdif	12 40 09.4	+1.6		
EHUE	comp-Z,71nm,1.8s								
BGU	Big Grassy Mou	100.16	38	ePdif	Pdif	12 40 07.3	-0.6		
SPUT	South Promonto	100.24	38	ePdif	Pdif	12 40 02.9	-5.3		
BSC	Santa Cruz Isl	100.24	47	↓	P	12 40 08.5	+0.3		
BSC	baz=100				↑	SKSac	SKSac	12 50 46.5	-1.1
DAC	Darwin (Calif)</								

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GMRC Granite Mounta, GMRC, PESTR Estremoz, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ISCO, Z14A Wintersburg, MVCO, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KVTX Kingsville, CJM Chamele, LIC Lamto, etc.

Table with columns: Code, Name, RA, Dec, Az, El, Code, Name, RA, Dec, Az, El. Includes entries like ROSC El Rosal, OTAV Otavalo, RCBR Riachuelo, etc.

Table with columns: Code, Name, RA, Dec, Az, El, Code, Name, RA, Dec, Az, El. Includes entries like NIED 26 12:34:00, BGS 26 12:34:07, JMA 26 12:34:11, etc.

Table with columns: Code, Name, RA, Dec, Az, El, Code, Name, RA, Dec, Az, El. Includes entries like HATJ Pasuquin, HATJ Iriomote-Funau, HATJ Kuro-shima, etc.

Table with columns: Code, Name, RA, Dec, Az, El, Code, Name, RA, Dec, Az, El. Includes entries like KMI Kunming, KMI Korea Array, KMI DL2, etc.

26d 12h

Table with columns for station name, frequency, power, and other technical details. Includes stations like VLA, SNG, IMP, GUMO, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like CLNS, BOD, KAKA, LGTI, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like TKM2, KZA, KOD, NVS, etc.

26d 12h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like F08A Pendleton, MTLF Montolioe, YBH Yreka Blue Hor, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like H11A Donnelly, CHMT Chamberlain Mo, N06A Buffalo Meadow, etc.

854

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like M12A Wells, M12A Madison River, L13A Double Diamond, etc.

26 Dec 13h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like JJJ Ishigaki jima, JJJ Tarama, KRSR Korea Array, etc.

IDC 26 13:11:25.6:0.8, 2185N:12059E, h0km, mb4.0/11, mb1 4.2/11, mb1mx4.0/23, mbtmp4.0/11, Error ellipse: s-maj=63.0km s-min=14.2km az=67.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like NACB Ninganchiao, YHNB Yeheng, YOJ Yonaguni jima, etc.

IDC 26 13:11:27.4:0.6, 2177N:12049E, h10km, MG3.4(JMA), Error ellipse: s-maj=20.9km s-min=9.7km az=85.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like NACB Ninganchiao, YHNB Yeheng, YOJ Yonaguni jima, etc.

IDC 26 13:13:27.0:0.5, 2167N:12054E, h0km, mb4.3/22, mb1 4.4/22, mb1mx4.4/29, mbtmp4.3/22, Error ellipse: s-maj=23.1km s-min=11.7km az=65.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like NACB Ninganchiao, YHNB Yeheng, YOJ Yonaguni jima, etc.

IDC 26 13:13:27.0:0.5, 2167N:12054E, h0km, mb4.3/22, mb1 4.4/22, mb1mx4.4/29, mbtmp4.3/22, Error ellipse: s-maj=23.1km s-min=11.7km az=65.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like NACB Ninganchiao, YHNB Yeheng, YOJ Yonaguni jima, etc.

IDC 26 13:13:27.0:0.5, 2167N:12054E, h0km, mb4.3/22, mb1 4.4/22, mb1mx4.4/29, mbtmp4.3/22, Error ellipse: s-maj=23.1km s-min=11.7km az=65.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like NACB Ninganchiao, YHNB Yeheng, YOJ Yonaguni jima, etc.

IDC 26 13:13:27.0:0.5, 2167N:12054E, h0km, mb4.3/22, mb1 4.4/22, mb1mx4.4/29, mbtmp4.3/22, Error ellipse: s-maj=23.1km s-min=11.7km az=65.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like NACB Ninganchiao, YHNB Yeheng, YOJ Yonaguni jima, etc.

2006 DEC

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like CHTO Chiang Mai, MJAR Matsushiro Arr, GJAT Gaotai, etc.

IDC 26 13:22:52.7:0.7, 3408N:003:3562E.005, h8km, 6km, Error ellipse: s-maj=7.0km s-min=4.7km az=29.4

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like BHL Bhannes, HWQ Hawqa, HWQ Rachaya, etc.

IDC 26 13:22:53.0:0.1, 3407N:3572E, h8km, ML3.0, Error ellipse: s-maj=9.9km s-min=1.6km az=110.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like BHL Bhannes, HWQ Hawqa, HWQ Rachaya, etc.

IDC 26 13:22:53.0:0.1, 3408N:003:3562E.005, h8km, 5.5km, m28, c065/51, 14D, Jordan - Syria region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like BHL Bhannes, HWQ Hawqa, HWQ Rachaya, etc.

IDC 26 13:29:33.5:0.5, 2171N:12066E.004, h36km, 9km, n55, c086/67, mb4.5/30, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like BHL Bhannes, HWQ Hawqa, HWQ Rachaya, etc.

IDC 26 13:29:33.5:0.5, 2171N:12066E.004, h36km, 9km, n55, c086/67, mb4.5/30, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like BHL Bhannes, HWQ Hawqa, HWQ Rachaya, etc.

IDC 26 13:29:33.5:0.5, 2171N:12066E.004, h36km, 9km, n55, c086/67, mb4.5/30, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like BHL Bhannes, HWQ Hawqa, HWQ Rachaya, etc.

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Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like NACB Ninganchiao, YHNB Yeheng, YOJ Yonaguni jima, etc.

IDC 26 13:36:52.4:1.1, 2200N:12070E, h0km, mb3.5/5, mb3 3.6/5, mb1mx3.5/20, mbtmp3.5/5, Error ellipse: s-maj=89.4km s-min=22.6km az=68.0, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like NACB Ninganchiao, YHNB Yeheng, YOJ Yonaguni jima, etc.

IDC 26 13:38:44.9:0.5, 1670N:9958W, h4km, 11km, MD3.6, 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, MEI Mezcala, etc.

IDC 26 13:39:17.0:2.5, 2202N:12109E, h0km, mb3.6/5, mb1 3.8/5, mb1mx3.5/20, mbtmp3.6/5, Error ellipse: s-maj=232.5km s-min=20.2km az=63.0

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

IDC 26 13:39:17.0:2.5, 2202N:12109E, h0km, mb3.6/5, mb1 3.8/5, mb1mx3.5/20, mbtmp3.6/5, Error ellipse: s-maj=232.5km s-min=20.2km az=63.0

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

IDC 26 13:44:13.3:1.1, 2196N:12048E, h0km, mb3.6/6, mb1 3.6/3, mb1mx3.4/19, mbtmp3.6/6, Error ellipse: s-maj=70.0km s-min=20.9km az=66.0, Taiwan region

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

IDC 26 13:48:22.1:5.0, 2109N:12155E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.4/19, mbtmp3.4/3, Error ellipse: s-maj=398.5km s-min=27.6km az=60.0, Taiwan region

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

26d 14h

ellipse: s-maj=4.5km s-min=3.7km az=94.0
NSPP 26 14:49:21.5, 3912N, 44.15E, h10km, ML3.0
ISC 26 14:48:29.8, 0.4, 3934N, 003.4390E, 0.04, h10km, n21,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like AGRB Hanur-Agry, TVAN Van, ERE Yerevan, etc.

IDC 26 14:53:18.6, 0.4, 2180N, 12057E, h0km, mb4.6/21,
mb1.4, 7/24, mb1mx4.7/29, mbtmp4.6/24, ML4.2/3, Error
ellipse: s-maj=19.6km s-min=10.6km az=67.0

SZGRF 26 14:53:18.5, 2172N, 12183E, h34km, mb5.2, Taiwan
region

NEIC 26 14:53:18.0, 0.2, 2177N, 12063E, h10km, mb4.9/36, Error
ellipse: s-maj=4.8km s-min=4.1km az=92.0

ISVCJB 26 14:53:19.5, 1.0, 2177N, 003.3120E, h03km, 7km,
mb4.8/60, MS4.8/2, Error ellipse: s-maj=4.9km
s-min=3.6km az=81.5

MOS 26 14:53:19.9, 0.9, 2179N, 12063E, h33km, mb4.9/23, Error
ellipse: s-maj=12.0km s-min=5.6km az=118.9

BUI 26 14:53:20.1, 2205N, 12035E, h14km, mb5.1, mb4.4, ML4.2,
MS4.6, MS4.5

JMA 26 14:53:22.3, 0.5, 2185N, 12069E, h127km, MB4.6
ISC 26 14:53:21.4, 1.1, 2179N, 003.12059E, h31km, gkm,
h34km, 1.2km, pP-P, n198, c0997/210, mb4.8/60, MS4.8/2,

13C-SD, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like NACB Ninganchiao, YHNB Yehng, TATO Taipei, etc.

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Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Wachi, Nan, Kuroka, Shenyang, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like WRA, WB2 Warramunga Arr, WBL WBL, etc.

Table with columns: YKA GRA1, Yellowknife Arr, Grafenberg Arr, etc. Includes station names, coordinates, and various data points.

Table with columns: KUR, KUR, KUR, etc. Includes station names and various data points.

Table with columns: KLR, KLR, JFY, VLA, VLA, etc. Includes station names and various data points.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station names and various data points.

Table with columns: KUR, KUR, KUR, etc. Includes station names and various data points.

Table with columns: KLR, KLR, JFY, VLA, VLA, etc. Includes station names and various data points.

005C Quincy	58.15	64	↑P	P	15 29 39.2	-0.1
CHMT Chamberlain Mo	58.19	54	eP	P	15 29 39.2	-0.4
OHCM Honcut	58.20	65	eP	P	15 29 39.3	-0.3
CVS Carment Viney	58.23	67	↑P	P	15 29 40.4	+0.5
M07A Soldier Meadow	58.30	62	↓P	P	15 29 40.8	+0.5
F13A Darby	58.31	55	↓P	P	15 29 40.3	-0.1
Q03C Winters	58.31	66	↓P	P	15 29 40.0	-0.4
J10A Berg Farm, Mel	58.42	59	↓P	P	15 29 41.1	0.0
AKTK Alkyubinsk	58.46	312	P	P	15 29 41.4	-0.1
AKTO Alkyubinsk	58.46	312	P	P	15 29 41.4	-0.1
D15A Lincoln	58.51	53	↑P	P	15 29 42.2	+0.4
BEKR Beckworth	58.54	64	↓P	P	15 29 42.1	0.0
O06A Flanigan	58.67	63	↑P	P	15 29 43.1	+0.1
M08A Happy Creek Ra	58.72	61	↑P	P	15 29 44.0	+0.7
P05C Yuba Gap, Truc	58.75	65	↓P	P	15 29 43.4	-0.1
FFC Flin Flon	58.76	61	↓P	P	15 29 43.5	0.0
L09A Wilkinson Ranc	58.78	61	↓P	P	15 29 44.3	+0.6
N07B Gerlach	58.79	62	↓P	P	15 29 43.9	+0.1
MFID Camas Ranch	58.96	58	↓P	P	15 29 45.2	+0.3
LAVA Lava Cap Winer	59.01	65	↓P	P	15 29 45.3	0.0
WENL Wente Brothers	59.11	67	↑P	P	15 29 45.8	-0.2
BNLO Ben Lomond (Sa	59.17	68	↓P	P	15 29 46.2	-0.2
O07A Toulon	59.24	63	↓P	P	15 29 47.5	+0.6
WCN Washoe City	59.26	64	↓P	P	15 29 47.8	+0.8
FCC Fort Churchill	59.27	34	P	P	15 29 46.8	-0.3
FCC Fort Churchill	59.27	34	eP	P	15 29 46.5	-0.6
F15A Gutte	59.28	54	↑P	P	15 29 47.4	+0.3
EGMT Eagleton	59.34	51	eP	P	15 29 47.5	-0.1
EGMT Eagleton	59.34	51	eP	P	15 29 47.7	+0.1
R05C Kirkwood Meado	59.45	65	↓P	P	15 29 48.6	+0.3
S04C Ingram Canyon,	59.45	67	↑P	P	15 29 48.7	+0.3
J12A Stokes Ranch,	59.48	58	↓P	P	15 29 49.1	+0.6
DLMT Dillon	59.52	55	eP	P	15 29 48.6	-0.2
HLID Hailey	59.56	57	eP	P	15 29 49.8	0.0
HLID Hailey	59.56	57	↑P	P	15 29 50.4	+0.5
CMB Columbia Colle	59.68	66	↑P	P	15 29 49.8	-0.1
MCMT McKenzie Canyo	59.73	55	eP	P	15 29 49.7	-0.5
PACP Pacheco Peak	59.79	67	↓P	P	15 29 51.4	+0.7
BOZ Bozeman (W)	59.87	54	eP	P	15 29 51.7	+0.5
BOZ Bozeman (W)	59.87	54	eP	P	15 29 51.7	+0.5
BOZ Bozeman (W)	59.87	54	↑P	P	15 29 52.0	+0.8
R06C Coleville	59.94	65	↑P	P	15 29 52.0	+0.3
K12A Draper Farm, C	59.98	58	↓P	P	15 29 52.2	+0.3
HAST UC Hastings Re	60.03	68	↓P	P	15 29 52.2	-0.1
BMN Battle Mountai	60.04	62	eP	P	15 29 52.4	0.0
BMN Battle Mountai	60.04	62	eP	P	15 29 52.4	0.0
Q07A Schurz	60.06	64	↓P	P	15 29 52.6	+0.1
S06C San Francisco	60.11	65	↓P	P	15 29 52.7	-0.2
S05C Merced	60.16	66	↓P	P	15 29 53.3	+0.1
O09A Fish Creek Ran	60.23	62	↓P	P	15 29 54.4	+0.6
N10A Dunphy	60.28	61	↑P	P	15 29 54.5	+0.5
JOF Joensuu	60.35	334	eP	P	15 29 54.0	-0.5
K13A Stover Farm, H	60.43	58	↑P	P	15 29 55.8	+0.7
V03C Hunter Liggett	60.46	68	↓P	P	15 29 55.6	+0.3
QLMT Earthquake Lak	60.50	55	eP	P	15 29 55.8	+0.3
U04C Hernandez Rese	60.52	67	↑P	P	15 29 55.7	+0.1
O10A Cortez Mining	60.56	61	↓P	P	15 29 56.6	+0.7
Q08A Gabbs	60.63	63	↑P	P	15 29 56.8	+0.3
P09A Austin	60.66	62	↓P	P	15 29 57.0	+0.4
N11A Elko Archery C	60.66	61	↑P	P	15 29 57.0	+0.4
NVAR Mina Array Bea	60.69	64	P	P	15 29 56.8	0.0
T06C Millerton Lake	60.76	66	↓P	P	15 29 56.9	-0.4
KCC Kaiser Creek	60.79	66	↑P	P	15 29 57.2	-0.3
GCMT Greycliff	60.82	53	eP	P	15 29 58.4	+0.6
YMR Madison River	60.86	55	eP	P	15 29 56.8	-1.2
R08A Mina	60.86	64	↑P	P	15 29 58.2	+0.2
V04C Ramage Ranch,	60.93	68	↓P	P	15 29 58.8	+0.3
PKD Parkfield	60.94	68	↓P	P	15 29 58.5	0.0
ELK Elko	61.00	60	P	P	15 29 59.7	+0.8
ELK Elko	61.00	60	eP	P	15 29 59.2	+0.2
P10A Eureka	61.01	62	↓P	P	15 29 59.3	+0.3
N12A Clover Valley,	61.04	60	↓P	P	15 29 59.6	+0.4
YFT Old Faithful	61.07	55	eP	P	15 30 01.7	+2.2
Q09A Carvers	61.09	63	↑P	P	15 29 60.0	+0.3
O11A Cowboy Ranch,	61.15	61	↓P	P	15 30 00.3	+0.3
M13A Montello	61.22	59	↑P	P	15 30 01.1	+0.6
PTRM Twisselman Ran	61.33	68	↓P	P	15 30 01.6	+0.4
V05C Boulder Hill,	61.38	67	↑P	P	15 30 01.9	+0.4
P11A Circle Ranch,	61.47	62	↑P	P	15 30 02.6	+0.4
RLMT Red Lodge	61.48	53	eP	P	15 30 02.9	+0.7
R09A Tonopah	61.55	64	P	P	15 30 02.6	-0.1
TPH Tonopah	61.56	64	P	P	15 30 03.3	+0.5
TPH Tonopah	61.56	64	eP	P	15 30 03.1	+0.4
MOOW Moose Ponds	61.58	55	eP	P	15 30 03.4	+0.5
TIN Tinemaha	61.62	65	↓P	P	15 30 03.7	+0.5
SMMC Simmler	61.68	68	↑P	P	15 30 03.7	+0.1

SNOW Snow King Moun	61.76	55	eP	P	15 30 05.4	+1.3
REDW Red Top Meadow	61.77	56	eP	P	15 30 05.1	+0.9
M0R8 Mcl Rana	61.78	343	eP	P	15 30 02.1	-2.1
S09A Goldfield	61.79	64	P	P	15 30 04.4	+0.1
YES Vesta, Richgr	61.90	67	P	P	15 30 04.7	-0.4
R10A Warm Springs	61.97	63	↑P	P	15 30 05.6	+0.1
Q11A Duckwater	61.99	62	P	P	15 30 06.2	+0.6
P12A McGill	62.02	61	↑P	P	15 30 06.0	+0.2
AHID Auburn Hatcher	62.03	56	eP	P	15 30 06.7	+0.8
PKM Peak Mountain	62.07	68	↓P	P	15 30 06.3	+0.2
CWC Cottonwood Cre	62.12	66	↓P	P	15 30 06.8	+0.3
GRAC Grapevine Rang	62.18	65	↓P	P	15 30 07.3	+0.4
Q12A Willow Creek R	62.25	62	↓P	P	15 30 08.4	+0.4
ISA Isabella	62.39	67	P	P	15 30 07.9	-0.5
KAF Kangasniemi	62.41	335	eP	P	15 30 07.5	-1.0
KAF Kangasniemi	62.41	335	eP	P	15 30 07.5	-1.0
KBL Kabul	62.50	292	eP	P	15 30 08.2	-0.9
ARVC Arvin	62.52	67	↓P	P	15 30 09.2	0.0
HWUT Hardware Ranch	62.53	58	eP	P	15 30 09.1	-0.2
MPMC Manual Prospec	62.73	66	↓P	P	15 30 10.9	+0.3
DUG Dugway	62.76	59	P	P	15 30 11.0	+0.2
DUG Dugway	62.76	59	eP	P	15 30 10.9	+0.1
DUG Dugway	62.76	59	eP	P	15 30 11.3	+0.5
KULM Kullm	62.79	245	eP	P	15 30 11.9	+0.8
FURC Furnace Creek,	62.84	65	↑P	P	15 30 11.5	+0.2
NOQ North Oquirrh	62.85	59	eP	P	15 30 12.2	-0.8
BW06 Boulder Array	62.88	55	eP	P	15 30 11.3	-0.3
PDAR Pinedale Array	62.88	55	eP	P	15 30 11.8	+0.2
PDAR Pinedale Array	62.88	55	eP	P	15 30 11.8	+0.2
PDAR Pinedale Array	62.88	55	eP	P	15 30 11.8	+0.2
OSI Osito Adit	62.93	68	↓P	P	15 30 11.6	-0.3
LRMO Laurel Moutai	62.99	66	↑P	P	15 30 11.9	-0.4
FIA1 FINESS Array S	63.02	335	eP	P	15 30 11.8	-0.7
FINES FINESS Array B	63.02	335	eP	P	15 30 11.7	-0.8
CTP Camp Tracy	63.33	58	eP	P	15 30 12.9	+0.3
BLG Laguna Peak	63.05	68	↑P	P	15 30 12.2	-0.6
U10A Ash Meadows, A	63.19	65	↓P	P	15 30 14.0	+0.3
EDW2 Edwards Air Fo	63.20	67	↑P	P	15 30 13.4	-0.3
JLU Jordanelle	63.26	58	eP	P	15 30 14.4	+0.2
SFJD Kangerlussuaq	63.32	11	P	P	15 30 14.3	-0.2
SFJD Kangerlussuaq	63.32	11	eP	P	15 30 13.9	-0.6
NLU North Lily Mtn	63.34	59	eP	P	15 30 14.9	+0.3
DECC Green Verdugo	63.41	68	↓P	P	15 30 14.7	-0.4
DAU Daniels Canyon	63.50	58	P	P	15 30 17.1	+1.4
DAU Daniels Canyon	63.50	58	eP	P	15 30 16.4	+0.7
IMPU Maple Canyon	63.55	59	eP	P	15 30 16.4	+0.3
SHOC Shoshone	63.56	65	↑P	P	15 30 16.1	0.0
GSC Goldene	63.65	66	↑P	P	15 30 16.5	-0.1
MOS Moscow	63.71	326	eP	P	15 30 16.2	-0.9
MOS Moscow	63.71	326	eP	P	15 30 16.2	-0.9
MOS Moscow	63.71	326	eP	P	15 30 16.2	-0.9
U11A Corn Creek	63.76	64	↓P	P	15 30 17.6	+0.2
BFSC Mount Baldy St	63.83	67	↑P	P	15 30 17.5	-0.4
CIS Catalina Islan	63.93	68	↑P	P	15 30 18.0	-0.6
KAKA Kakadu	63.99	204	eP	P	15 30 18.2	-0.7
KAKA Kakadu	63.99	204	eP	P	15 30 18.2	-0.7
ARUT Antelope Range	63.99	62	P	P	15 30 19.6	+0.6
ARUT Antelope Range	63.99	62	eP	P	15 30 18.5	-0.5
TUQ Turquoise Mtn.	64.09	65	↓P	P	15 30 19.4	-0.2
V11A Goodsprings	64.12	65	↓P	P	15 30 19.7	-0.1
SCI San Clemente I	64.13	69	↓P	P	15 30 19.4	-0.4
CCUT Cedar City	64.20	62	P	P	15 30 20.3	-0.1
MSU Marysvale	64.25	60	P	P	15 30 21.9	+1.3
MSU Marysvale	64.25	60	eP	P	15 30 21.0	+0.4
HEC Hector Ludlow	64.25	66	↓P	P	15 30 20.3	-0.3
U12A Valley of Fire	64.25	64	↑P	P	15 30 21.0	+0.3
TMUT Trail Mountain	64.28	59	eP	P	15 30 20.9	+1.0
AJM Ajmer	64.34	282	eP	P	15 30 22.3	+1.0
ULM Lac du Bonnet	64.54	42	P	P	15 30 21.8	-0.8
ULM Lac du Bonnet	64.54	42	eP	P	15 30 21.7	-0.9
V12A Nelson	64.54	64	↑P	P	15 30 22.5	-0.1
MURC Mureta	64.55	67	↑P	P	15 30 22.1	-0.4
OBN Obninsk	64.58	326	eP	P	15 30 21.0	-1.8
OBN Obninsk	64.58	326	eP	P	15 30 21.0	-1.8
OBN Obninsk	64.58	326	eP	P	15 30 21.0	-1.8
OBNS Obninsk	64.58	326	eP	P	15 30 20.2	-2.6
VIS Vishakhapatnam	64.68	268	eP	P	15 30 24.4	+1.0
GMRC Granite Mounta	64.69	66	P	P	15 30 23.4	-0.1
BHPL Bhopal	64.74	277	eP	P	15 30 24.5	+0.7
SRU San Rafael	64.79	59	P	P	15 30 24.4	+0.2
SRU San Rafael	64.79	59	eP	P	15 30 23.8	-0.4
W12A Cal Nev Ari	64.82	65	↓P	P	15 30 24.1	-0.2
RWWY Rawlins	64.89	55	eP	P	15 30 24.5	-0.3
RSSD Black Hills	64.91	51	eP	P	15 30 24.9	0.0

RSSD Black Hills	64.91	51	eP	P	15 30 24.9	-0.1
PFO Pinyon Flat Ob	65.00	67	↓P	P	15 30 25.0	-0.5
PFO Pinyon Flat Ob	65.00	67	↓P	P	15 30 25.3	-0.2
BELC Belle Mtn.	65.01	66	↓P	P	15 30 25.0	-0.6
109C Camp Elliot, M	65.08	68	↓P	P	15 30 25.9	-0.2
NGP Nagpur	65.11	274	iP	P	15 30 26.0	-0.3
NGP Nagpur	65.11	274	eP	P	15 30 26.8	0.0
NGP Needles Airport	65.33	65	↓P	P	15 30 27.6	-0.1
IRM Iron Mountain	65.42	66	↑P	P	15 30 28.1	-0.2
MONP Monument Peak	65.50	68	↓P	P	15 30 28.5	-0.4
BC3 Big Chuck Mtn	65.58	66	↓P	P	15 30 28.7	-0.6
PSI Prapat	65.80	245	P	P	15 30 31.8	+1.1
SWSC Sam W. Stewart	65.86	67	↑P			

Table with columns: Station, Name, Frequency, Class, Mode, Power, and other details. Includes stations like Bornholm Skovb, Copenhagen, Monsted Ugrnd, etc.

Table with columns: Station, Name, Frequency, Class, Mode, Power, and other details. Includes stations like BRG, GCD, WIT, CLZ, etc.

Table with columns: Station, Name, Frequency, Class, Mode, Power, and other details. Includes stations like SIUC, KHC, HATD, BLO, etc.

UMR	Umm Al-Rimman	78.72 302	eP	P	15 31 48.0	0.0
STU	Stuttgart	78.73 338	eP	P	15 31 47.7	-0.3
FUR	Furstenfeldbru	78.74 336	eP	P	15 31 48.1	+0.1
FUR	Furstenfeldbru	78.74 336	eP	P	15 31 48.1	+0.1
FUR	Mutribah	78.75 302	eP	P	15 31 48.1	+0.1
MIB	Mutribah	78.75 302	eP	P	15 31 48.1	+0.1
LANF	Langenberg	78.89 339	eP	P	15 31 49.0	+0.2
LBNG	Langenberg	78.93 338	eP	P	15 31 49.6	+0.5
NATX	Nacogdoches	78.98 54	eP	P	15 31 49.4	0.0
BUCH	Bad Urach	78.99 337	eP	P	15 31 50.3	+0.9
KBD	Kabd	79.02 302	eP	P	15 31 49.4	-0.2
KBD	Kabd	79.02 302	eP	P	15 31 49.4	-0.2
PERS	Waverly	79.03 333	iP	P	15 31 49.6	+0.1
WWT	Waverly	79.03 333	iP	P	15 31 49.5	-0.4
WWT	Waverly	79.03 333	iP	P	15 31 49.5	-0.4
SVT	Waverly	79.08 47	eP	P	15 31 49.4	-0.5
WVT	Waverly	79.08 47	eP	P	15 31 49.2	-0.8
KBA	Koelnbreinsper	79.16 334	iP	P	15 31 51.1	+0.8
KBA	Koelnbreinsper	79.16 334	iP	P	15 31 51.1	+0.8
ACCN	Adirondack Com	79.17 34	eP	P	15 31 48.5	-1.8
NAY	Al-Naaim	79.22 302	eP	P	15 31 50.6	0.0
NAY	Al-Naaim	79.22 302	eP	P	15 31 52.3	
HX2	Exmoor	79.22 346f	eP	P	15 31 50.4	-0.3
VAL	Valentia	79.22 351	eP	P	15 31 49.1	-1.6
STR	Strasbourg	79.26 338	eP	P	15 31 51.0	+0.1
RDF	Al-Radifah	79.29 302	eP	P	15 31 51.4	+0.4
RDF	Al-Radifah	79.29 302	eP	P	15 31 53.0	
COBT	Iskenderun	79.31 314	iP	P	15 31 52.2	+1.0
OBKA	Obir	79.31 333f	iP	P	15 31 51.3	+0.1
ESKT	Eskischehr	79.35 319	iP	P	15 31 50.8	-0.6
BFO	Black Forest	79.36 338	eP	P	15 31 51.3	-0.1
BFO	Black Forest	79.36 338	eP	P	15 31 51.2	-0.2
BFO	Black Forest	79.36 338	eP	P	15 31 51.2	-0.2
BFO	Black Forest	79.36 338	eP	P	15 31 51.2	-0.2
GUT	Gutenstein	79.40 337	iP	P	15 31 52.2	+0.6
HTL	Hartland	79.40 347	eP	P	15 31 51.6	0.0
HTL	Hartland	79.40 347	eP	P	15 31 51.6	0.0
HTL	Hartland	79.40 347	eP	P	15 31 51.6	0.0
HTL	Hartland	79.40 347	eP	P	15 31 51.6	0.0
WATA	Walderalm	79.42 336f	iP	P	15 31 52.4	+0.7
WATA	Walderalm	79.42 336f	iP	P	15 31 52.4	+0.7
WATA	Walderalm	79.42 336f	iP	P	15 31 52.4	+0.7
DIM	Dimitrovgrad	79.42 324	iP	P	15 31 51.7	-0.1
SPAK	Spalchingen-Ko	79.45 338	eP	P	15 31 51.9	-0.1
WTTA	Wattenberg	79.47 335	iP	P	15 31 52.8	+0.8
WTTA	Wattenberg	79.47 335	iP	P	15 31 52.8	+0.8
WTTA	Wattenberg	79.47 335	iP	P	15 31 52.8	+0.8
UBR	Ueberrun	79.50 337	iP	P	15 31 52.8	+0.6
RETA	Reutte	79.50 336f	iP	P	15 31 52.8	+0.6
CESS	Cesta pri Krsk	79.52 332	iP	P	15 31 52.0	-0.7
MOTA	Moosalm	79.54 336f	iP	P	15 31 53.0	+0.6
MOTA	Moosalm	79.54 336f	iP	P	15 31 53.0	+0.6
MOTA	Moosalm	79.54 336f	iP	P	15 31 53.0	+0.6
CDF	Champ du Feu	79.54 339f	iP	P	15 31 52.4	0.0
CDF	Champ du Feu	79.54 339f	iP	P	15 31 52.4	0.0
CDF	Champ du Feu	79.54 339f	iP	P	15 31 52.4	0.0
ULDT	Uludag	79.57 321	iP	P	15 31 52.8	+0.3
OXF	Oxford	79.58 49	eP	P	15 31 52.2	-0.4
OXF	Oxford	79.58 49	eP	P	15 31 52.0	-0.7
OXF	Oxford	79.58 49	eP	P	15 31 52.0	-0.7
SQTA	Sankt Quirin	79.63 336f	iP	P	15 31 53.6	+0.8
SQTA	Sankt Quirin	79.63 336f	iP	P	15 31 53.6	+0.7
SQTA	Sankt Quirin	79.63 336f	iP	P	15 31 53.6	+0.7
GRUS	Gruba	79.63 328f	iP	P	15 31 52.3	-0.5
ABVA	Abfallersbach	79.63 335f	iP	P	15 31 53.1	-0.2
DIVS	Divicbare	79.70 329f	iP	P	15 31 53.7	-0.5
DIVS	Divicbare	79.70 329f	iP	P	15 31 53.0	-0.2
PLD	Plodiv	79.70 325	eP	P	15 31 53.5	+0.2
PLD	Plodiv	79.70 325	eP	P	15 31 53.5	+0.2
LJU	Ljubljana	79.74 333	eP	P	15 31 52.6	-0.8
ECH	Echury	79.75 339	eP	P	15 31 53.4	+0.3
FVI	Forni Avoltri	79.75 334	iP	P	15 31 53.6	+0.1
FVI	Forni Avoltri	79.75 334	iP	P	15 31 53.6	+0.1
SEST	Monte Rota	79.78 335	iP	P	15 31 54.6	+0.9
SISB	Singen-Schiene	79.80 337	iP	P	15 31 54.3	+0.5
KIZ	Kirchzarten	79.81 338	eP	P	15 31 54.1	+0.3
KDZ	Kurdzhak	79.81 338	eP	P	15 31 52.8	-1.2
STEIN	Stein am Rhein	79.83 337f	iP	P	15 31 54.1	+0.1
STEIN	Stein am Rhein	79.83 337f	iP	P	15 31 54.1	+0.1
SLE	Schleitheim	79.84 338f	iP	P	15 31 53.4	-0.6
SLE	Schleitheim	79.84 338f	iP	P	15 31 53.7	-0.3
VTS	Vitosh	79.85 326	eP	P	15 31 53.2	-0.9
VTS	Vitosh	79.85 326	eP	P	15 31 54.0	-0.1
VTS	Vitosh	79.85 326	eP	P	15 31 54.6	+0.5
LYA	Yadsworth	79.89 346f	eP	P	15 31 54.0	-0.1
MCWV	Mont Chateau	79.86 40	eP	P	15 31 53.7	-0.4
FELD	Feldberg im Sc	79.86 338f	iP	P	15 31 54.1	0.0
PLAL	Pickwick Lake	79.88 48	eP	P	15 31 53.3	-0.9
TRULL	Truellikon	79.90 337f	iP	P	15 31 53.7	-0.6
TRULL	Truellikon	79.90 337f	iP	P	15 31 54.4	+0.1
DAVA	Damuel	79.92 337	iP	P	15 31 54.9	+0.5
WEIN	Weingarten	79.94 337f	iP	P	15 31 55.0	+0.5
WEIN	Weingarten	79.94 337f	iP	P	15 31 54.6	+0.1
FETA	Feichtern	79.94 336f	iP	P	15 31 55.5	+0.9
VOY	Vojsko	79.94 333	eP	P	15 31 53.6	-1.0
MEZF	Maizieres J'vi	79.98 340f	iP	P	15 31 54.9	+0.1
MEZF	Maizieres J'vi	79.98 340f	iP	P	15 31 54.9	+0.1
FLACH	Flaach	80.00 338f	iP	P	15 31 54.9	0.0
BOJS	Bojanci	80.01 332	eP	P	15 31 54.7	-0.2
JAVS	Javornik	80.02 333	eP	P	15 31 53.8	-1.2
LIENZ	Alp Oberkamor	80.03 337f	iP	P	15 31 54.6	-0.4
LIENZ	Alp Oberkamor	80.03 337f	iP	P	15 31 55.3	+0.3
THEF	They Montfort	80.02 339	eP	P	15 31 55.1	+0.1
WILA	Wila	80.06 337f	iP	P	15 31 54.6	-0.6
WILA	Wila	80.06 337f	iP	P	15 31 55.4	+0.2
CSA1	St Austell	80.08 347f	eP	P	15 31 55.0	-0.3
MOF	Molkenrain	80.10 339	eP	P	15 31 55.5	+0.1
BBSL	Bajina Basta	80.10 339	eP	P	15 31 56.7	+1.3
HAU	Haudompre	80.14 339f	iP	P	15 31 55.5	-0.2

HAU	Haudompre	80.14 339f	iP	P	15 31 55.5	-0.2
HAU	Haudompre	80.14 339f	iP	P	15 31 55.5	-0.2
HAU	Haudompre	80.14 339f	iP	P	15 31 55.5	-0.2
HAU	Haudompre	80.14 339f	iP	P	15 31 55.5	-0.2
SULZ	Sulz-Weisache	80.16 338f	iP	P	15 31 54.9	-0.8
SULZ	Sulz-Weisache	80.16 338f	iP	P	15 31 55.8	+0.1
ZUR	Zurich	80.19 337f	iP	P	15 31 55.7	-0.2
ZUR	Zurich	80.19 337f	iP	P	15 31 56.0	+0.1
RDO	Rudhopi	80.19 324	eP	P	15 31 56.8	+0.9
HINP	Hinterfald	80.20 339f	iP	P	15 31 55.7	-0.3
HINP	Hinterfald	80.20 339f	iP	P	15 31 55.7	-0.3
HINP	Hinterfald	80.20 339f	iP	P	15 31 55.7	-0.3
HINP	Hinterfald	80.20 339f	iP	P	15 31 55.7	-0.3
ALNF	Hinterfald	80.20 339f	iP	P	15 31 55.7	-0.3
ALNF	Hinterfald	80.20 339f	iP	P	15 31 54.9	-1.1
ALN	Alexandroupoli	80.20 323	eP	P	15 31 56.3	+0.3
ALN	Alexandroupoli	80.20 323	eP	P	15 31 56.3	+0.3
PLONS	Plons	80.28 337f	iP	P	15 31 55.3	-1.1
PLONS	Plons	80.28 337f	iP	P	15 31 56.6	+0.2
APFI	Apollonia	80.30 325	eP	P	15 31 56.1	-0.4
CROZ	Romanowes 2	80.31 347f	eP	P	15 31 56.3	-0.3
BBS	Basel-Blauen	80.37 338	eP	P	15 31 56.8	-0.1
DAVOX	Davos	80.39 336f	iP	P	15 31 55.4	-1.6
DAVOX	Davos	80.39 336f	iP	P	15 31 57.7	+0.7
FUORN	Ofenpass	80.44 336f	iP	P	15 31 55.6	-1.6
FUORN	Ofenpass	80.44 336f	iP	P	15 31 58.2	+1.0
BALST	Balsthal	80.44 338f	iP	P	15 31 55.8	-1.5
BALST	Balsthal	80.44 338f	iP	P	15 31 57.5	+0.2
BOURR	Bourgnion	80.50 338f	iP	P	15 31 55.8	-1.8
BOURR	Bourgnion	80.50 338f	iP	P	15 31 57.7	+0.1
MMS	Maisest	80.50 325	eP	P	15 31 57.0	-0.7
KKB	Krupnik	80.52 326	iP	P	15 31 57.0	-0.7
BMOR	Bormio	80.54 336	iP	P	15 31 58.6	+0.8
MUO	Muotathal	80.54 337f	iP	P	15 31 56.5	-1.3
MUO	Muotathal	80.54 337f	iP	P	15 31 58.2	+0.5
LLS	Linth-Limmern	80.56 337f	iP	P	15 31 56.6	-1.3
LLS	Linth-Limmern	80.56 337f	iP	P	15 31 58.3	+0.4
CTI	Castel Tesino	80.58 335	iP	P	15 31 57.5	-0.5
CTI	Castel Tesino	80.58 335	iP	P	15 31 57.5	-0.5
CTI	Castel Tesino	80.58 335	iP	P	15 31 57.5	-0.5
TAOE	Nuku Hiva Isla	80.59 115	eLR	LR	15 56 55.2	
LOMF	Lomont	80.64 339	eP	P	15 31 58.8	+0.5
BNALP	Bannalp	80.69 337f	iP	P	15 31 57.7	-0.9
BNALP	Bannalp	80.69 337f	iP	P	15 31 58.9	+0.3
BNALP	Bannalp	80.69 337f	iP	P	15 31 57.5	-1.1
BERNI	Berninapass	80.69 336f	iP	P	15 31 59.4	+0.8
VDL	Val di Lei	80.77 337f	iP	P	15 31 57.7	-1.3
VDL	Val di Lei	80.77 337f	iP	P	15 31 59.8	+0.8
STKA	Stephens Creek	80.78 191	iP	P	15 31 57.9	-1.2
STKA	Stephens Creek	80.78 191	iP	P	15 31 58.2	-0.8
TKTP	Tekektepe	80.80 319	iP	P	15 31 59.2	0.0
TUE	Stuetta	80.82 337	iP	P	15 32 00.2	+0.9
HASLI	Hasliberg	80.86 337f	iP	P	15 31 57.9	-1.6
HASLI	Hasliberg	80.86 337f	iP	P	15 31 59.8	+0.3
FLN	La Foliniere	80.88 344f	iP	P	15 31 59.4	-0.2
FLN	La Foliniere	80.88 344f	iP	P	15 31 59.4	-0.2
FLN	La Foliniere	80.88 344f	iP	P	15 31 59.4	-0.2
FLN	La Foliniere	80.88 344f	iP	P	15 31 59.4	-0.2
MABI	Mata Bissina	80.89 336	iP	P	15 31 59.8	+0.2
LDF	La Druitiere	80.97 343f	iP	P	15 31 59.9	-0.2
LDF	La Druitiere	80.97 343f	iP	P	15 31 59.9	-0.2
LDF	La Druitiere	80.97 343f	iP	P	15 31 59.9	-0.2
SRS	Serrai	80.97 325	eP	P	15 31 59.4	-0.7
SRS	Serrai	80.97 325	eP	P	15 32 00.2	+0.1
STIP	Stip	81.01 326	iP	P	15 31 59.9	-0.5
STIP	Stip	81.01 326	iP	P	15 31 59.0	-1.3
FUSIO	Fusio	81.01 337f	iP	P	15 31 58.2	-2.1
FUSIO	Fusio	81.01 337f	iP	P	15 32 00.9	+0.6
PMOR	Pomariorio Ree	81.04 125	eT	P	17 01 03.7	
SKO	Skojpe	81.04 327	iP	P	1	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like Montbardon, Oris-en-Rattie, Verneuil, etc.

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

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

NEIC 26 15:20:38.1±0.5, 4636N; 154.74E, h10km, mb5.4/6, Error ellipse: s-maj=14.0km s-min=10.7km az=176.0
BUI 26 15:20:38.0, 4640N; 154.70E, h10km, mb5.9, ms5.7, Msz5.6
IDC 26 15:20:43.6±1.1, 4635N; 154.61E, h49km, 7km, mb4.8/17, mb1.4, 9/17, mb1mx4.8/23, mbtmp4.8/17, MS5.2/1, Ms1.5/21, ms1mx4.3/21, Error ellipse: s-maj=23.5km s-min=16.3km az=4.0
ISCJB 26 15:20:45.0±0.2, 466N; 01:154.6E, h69km, 46km, mb5.1/28, Error ellipse: s-maj=23.2km s-min=13.2km az=128.1
ISC 26 15:20:45.2±3.8, 466N; 01:154.7E, h52km, 36km, pp-P, n48, c096/43, mb5.2/28, MS5.5/2, 2C-2D, East of Kuril Islands

BUI 26 15:23:55.3, 3629N; 70.93E, h130km, mb4.8
IDC 26 15:24:00.9±0.5, 3641N; 71.50E, h114km, 45km, mb3.8/11, mb1.4/0.15, mb1mx3.9/26, mbtmp3.9/15, Error ellipse: s-maj=22.5km s-min=17.3km az=1.0
ISCJB 26 15:24:03.1±0.4, 3658N; 003:71.50E±0.05, h144km, 6km, mb4.1/13, Error ellipse: s-maj=6.4km s-min=4.13km az=165.9
NEIC 26 15:24:03.0±0.5, 3657N; 71.62E, h131km, 9km, mb4.5/11, Error ellipse: s-maj=8.6km s-min=6.0km az=59.0
NNC 26 15:24:12.13±0.11, 3744N; 71.49E, h236km±12km, mb2.9, mp4.0, Error ellipse: s-maj=123.9km s-min=73.3km az=20.0
ISC 26 15:24:04.1±0.3, 3658N; 003:71.51E±0.05, h141km, 5km, mb3.8, c0898/71, mb4.1/13, 4C-2D, Afghanistan-Tajikistan border region

Table with columns: CHMS, USP, TKM2, TKM2, TKM2, SMLA, SMLA, KLP, KLP, KLP, JOSI, JOSI, KHET, KHET, KHET, KHET, KHET, NDI, NDI, SONA, SONA, SONA, SONA, AJIM, MK31, MKAR, MKAR, KOLN, GKN, KKN, DMN, PKI, GUN, GUR, KUR, AB31, AB31, BVAR, BVAR, BRVK, BRVK, AKTK, AKTK, AKTK, LSA, ZAL, ZAL, ZAL, ZAL, BRTR, AKASG, MLR, FINES, MOA, BERN, NOA, NOA, KMB0, TORD, INK, INK, YKA, WRA, ASAR, ASAR

ISCJB 26 15:28:44.4.3.3, 133N.0.1x1460E.03, h62km, 27km, mb3.8/7, Error ellipse: s-maj=40.8km s-min=19.3km az=0.5

IDC 26 15:28:44.4.4.0, 1335N.14609E, h47km, 35km, mb3.6/7, mb1.3/7, mb1mx3.5/22, mbtrmp3.6/7, Error ellipse: s-maj=35.3km s-min=19.9km az=81.0

NEIC 26 15:28:45.0.3.0, 1336N.14597E, h52km, 24km, Error ellipse: s-maj=36.0km s-min=12.8km az=92.0

ISC 26 15:28:43.8.4.1, 134N.01.1461E.02, h42km, 35km, n11, o554/13, mb3.8/7, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h, s, ISC

ISCJB 26 15:31:39.9.0.6, 3912N.005.2172E.006, h10km, 7km, Error ellipse: s-maj=9.7km s-min=4.7km az=83.9

CSEM 26 15:31:39.3, 3909N-2160E, h4km, MD3.2/3, After ATH

ATH 26 15:31:39.3, 3909N-2160E, h4km, MD3.2/3

THE 26 15:31:41.0, 3937N-2195E, h17km, ML2.5

ISC 26 15:31:40.1, 0.6, 3911N.005.2170E.006, h13km, 6km, n10, o579/14, 1D, Greece

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h, s, ISC

IDC 26 15:41:15.0.0.7, 2205N.12042E, h0km, mb4.1/14, mb1.4.3/16, mb1mx4.2/25, mbtrmp4.1/16, ML3.7/2, MS5.0/1,

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h, s, ISC

NEIC 26 15:41:00.2190N.12067E, h11km, Mw5.4, Best double couple: M1.380000+12701 NP1.352.00000+868.00000, lambda-72.00000, NP2.131.00000+828.00000, lambda-127.00000

Bull 26 15:41:41.7, 2214N.12033E, h13km, mb5.6, mb4.8, ML5.1, MS5.3, MSz5.2

ISCJB 26 15:41:41.0.0.1, 2208N.002.12042E.002, h12km, 5km, mb5.3/154, MS5.2/15, Error ellipse: s-maj=3.8km az=108.9

SZGRF 26 15:41:43.0, 2165N.12143E, h33km, mb5.7, Taiwan region

NEIC 26 15:41:44.8.1.1, 2207N.12041E, h23km, 7km, mb5.4/99, ML5.5(TAP), Error ellipse: s-maj=3.9km s-min=3.3km az=90.0

NEIC Recorded [4 TAP] at Kao-hsiung; [3 TAP] in Ping-tung and Tai-nan; [2 TAP] in Chang-hua, P'eng-hu, Tai-nan, Tai-tung and Yun-lin Counties.

MOS 26 15:41:44.8.0.8, 2210N.12046E, h33km, mb5.6/73, MS5.2/7, Error ellipse: s-maj=8.1km s-min=3.9km az=117.3

JMA 26 15:41:45.0.0.3, 2188N.12059E, h103km, MS.2

IDC 26 15:41:46.4.2.6, 2204N.12044E, h35km, 18km, mb4.8/27, mb1.4/30, mb1mx4.8/34, mbtrmp4.8/30, ML4.5/3, MS5.2/3, Ms1.5.2/3, ms1mx4.5/29, Error ellipse: s-maj=15.6km s-min=10.5km az=59.0

ISC 26 15:41:45.9.0.8, 2211N.002.12041E.002, h28km, 5km, h34km, 3.7km, p-P, n503, o592/521, mb5.3/154, MS5.2/15, 28C-40D, Taiwan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h, s, ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h, s, ISC

ISCJB 26 15:41:45.9.0.8, 2211N.002.12041E.002, h28km, 5km, h34km, 3.7km, p-P, n503, o592/521, mb5.3/154, MS5.2/15, 28C-40D, Taiwan

ISCJB 26 15:41:45.9.0.8, 2211N.002.12041E.002, h28km, 5km, h34km, 3.7km, p-P, n503, o592/521, mb5.3/154, MS5.2/15, 28C-40D, Taiwan

ISCJB 26 15:41:45.9.0.8, 2211N.002.12041E.002, h28km, 5km, h34km, 3.7km, p-P, n503, o592/521, mb5.3/154, MS5.2/15, 28C-40D, Taiwan

ISCJB 26 15:41:45.9.0.8, 2211N.002.12041E.002, h28km, 5km, h34km, 3.7km, p-P, n503, o592/521, mb5.3/154, MS5.2/15, 28C-40D, Taiwan

ISCJB 26 15:41:45.9.0.8, 2211N.002.12041E.002, h28km, 5km, h34km, 3.7km, p-P, n503, o592/521, mb5.3/154, MS5.2/15, 28C-40D, Taiwan

ISCJB 26 15:41:45.9.0.8, 2211N.002.12041E.002, h28km, 5km, h34km, 3.7km, p-P, n503, o592/521, mb5.3/154, MS5.2/15, 28C-40D, Taiwan

ISCJB 26 15:41:45.9.0.8, 2211N.002.12041E.002, h28km, 5km, h34km, 3.7km, p-P, n503, o592/521, mb5.3/154, MS5.2/15, 28C-40D, Taiwan

ISCJB 26 15:41:45.9.0.8, 2211N.002.12041E.002, h28km, 5km, h34km, 3.7km, p-P, n503, o592/521, mb5.3/154, MS5.2/15, 28C-40D, Taiwan

ISCJB 26 15:41:45.9.0.8, 2211N.002.12041E.002, h28km, 5km, h34km, 3.7km, p-P, n503, o592/521, mb5.3/154, MS5.2/15, 28C-40D, Taiwan

ISCJB 26 15:41:45.9.0.8, 2211N.002.12041E.002, h28km, 5km, h34km, 3.7km, p-P, n503, o592/521, mb5.3/154, MS5.2/15, 28C-40D, Taiwan

ISCJB 26 15:41:45.9.0.8, 2211N.002.12041E.002, h28km, 5km, h34km, 3.7km, p-P, n503, o592/521, mb5.3/154, MS5.2/15, 28C-40D, Taiwan

ISCJB 26 15:41:45.9.0.8, 2211N.002.12041E.002, h28km, 5km, h34km, 3.7km, p-P, n503, o592/521, mb5.3/154, MS5.2/15, 28C-40D, Taiwan

ISCJB 26 15:41:45.9.0.8, 2211N.002.12041E.002, h28km, 5km, h34km, 3.7km, p-P, n503, o592/521, mb5.3/154, MS5.2/15, 28C-40D, Taiwan

ISCJB 26 15:41:45.9.0.8, 2211N.002.12041E.002, h28km, 5km, h34km, 3.7km, p-P, n503, o592/521, mb5.3/154, MS5.2/15, 28C-40D, Taiwan

ISCJB 26 15:41:45.9.0.8, 2211N.002.12041E.002, h28km, 5km, h34km, 3.7km, p-P, n503, o592/521, mb5.3/154, MS5.2/15, 28C-40D, Taiwan

ISCJB 26 15:41:45.9.0.8, 2211N.002.12041E.002, h28km, 5km, h34km, 3.7km, p-P, n503, o592/521, mb5.3/154, MS5.2/15, 28C-40D, Taiwan

ISCJB 26 15:41:45.9.0.8, 2211N.002.12041E.002, h28km, 5km, h34km, 3.7km, p-P, n503, o592/521, mb5.3/154, MS5.2/15, 28C-40D, Taiwan

ISCJB 26 15:41:45.9.0.8, 2211N.002.12041E.002, h28km, 5km, h34km, 3.7km, p-P, n503, o592/521, mb5.3/154, MS5.2/15, 28C-40D, Taiwan

ISCJB 26 15:41:45.9.0.8, 2211N.002.12041E.002, h28km, 5km, h34km, 3.7km, p-P, n503, o592/521, mb5.3/154, MS5.2/15, 28C-40D, Taiwan

ISCJB 26 15:41:45.9.0.8, 2211N.002.12041E.002, h28km, 5km, h34km, 3.7km, p-P, n503, o592/521, mb5.3/154, MS5.2/15, 28C-40D, Taiwan

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like CHTO Chiang Mai, BTO Baotou, MAJO Matsushiro, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like YAK Yakutsk, THN Thein Dam, PMG Port Moresby, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like FORT Forrest, NWAO Narrogin (SRO), ABKT Alibab, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Danmarks Havn, KOLS, Uzhgorod, Hagfors, Stebnicka Huta, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Grafenberg, JAVS, YOY, YKA, YKCA, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MBDF, MBDF, SBF, SBF, SBF, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like IPRE Itoz, EARA Aranguren, IUSE Uxetzi, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like ARE Arequipa, NNA Nana, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like ULHL Ulahol, KZA Kyzart, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like KZA, TKM2 Tokmak 2, TKM2, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like NEG1 Negi, IMI Imperia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like SAOF Saorge, MON1 Monesi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like CALN Calern, DOI San Damiano, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like PZZ Prazzo, PCP Pian Castagno, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like SMRF, SMRF Simiane la Rot, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like VIVF, VIVF Saint-Julien-I, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like RAO, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like URZ, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like NEG1 Negi, IMI Imperia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like CTA, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like VNA3, VNA3 Neumayer-Watz, etc.

26d 22h

Table with columns for flight codes (SBA, STKA, ARMA, etc.), destinations, times, and status. Includes entries like SBA comp=Z,163nm,1.7s,mb5.2 and STKA Stephens Creek 24,18 348 eP.

2006 DEC

Table with columns for flight codes (DAV, PTCN, KKM, etc.), destinations, times, and status. Includes entries like DAV comp=Z,1.1um,20.0s,MS5.1 and PTCN Pitcairn Islan 65.59 99 PFAKE.

876

Table with columns for flight codes (LZH, BJT, KMB, etc.), destinations, times, and status. Includes entries like LZH Lanzhou 98.68 326 eP and BJT Baijiatou 98.99 336 eP.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like AAK, AML, EKS2, ZAL, KURK, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like APA, KMBO, EGAK, JOF, DAWY, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like FVM, MIAR, WWT, PLWT, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like Castil Tesino, Castellina Chi, BRMO Bormio, CAE Caneva, etc.

ISCJB 26 23:45:34.9, 3.9, 3.62N:0.1x688E:02, h87km, 75km, Error ellipse: s-maj=23.4km s-min=15.7km az=126.3

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like KK31 Karatay Array, TKM2 Tokmak 2, AB31 Akbulak array, etc.

NEIC 27 00:15:04.8-1.0, 180N-9748E, h30km, mb3.8/3, Error ellipse: s-maj=23.9km s-min=17.5km az=88.0, Northern Sumatera

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like KULM Kulim, KKM Kota Kinabalu, NWA0 Narrogin (SRO), etc.

IDC 27 00:19:25.4-4.3, 588S-15086E, h0km, mb3.4/2, mb1 3.8/2, mb1mx3.4/13, mbtmp3.5/2, Error ellipse: s-maj=185.2km s-min=51.4km az=118.0, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

CSEM 27 00:21:33.0, 6783N-2019E, h15km, ML3.2, Mining explosion. After UPP

HEL 27 00:21:33.0-4.0, 6783N-2019E, h0km, ML3.2(UPP), 1C, Explosion, Sweden

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like KUA Kurvaara, KUA KUA, NIKU Nikkaluokta, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like IDC 27 00:22:14.4-2.1, 681S-12889E, FITZ Fitzroy Crossi, etc.

ISCJB 27 00:25:17.1-0.6, 4305N:006.020W:003, h14km, 4km, Error ellipse: s-maj=10.3km s-min=3.8km az=9.8

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like REYF Montagne du Re, LABF Labassere, VIEF Viey, etc.

LDG 27 00:28:31.9-0.6, 4284N:147W, h2km, Md1.5/2, Mi1.7/1, Error ellipse: s-maj=10.8km s-min=5.7km az=47.0

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like ESAC San Caprasio, EMIR Miran, MTLF Montlieux, etc.

LDG 27 00:28:31.8-0.3, 4280N-138W, h0km, mbLg1.0/8, 1C, Error ellipse: s-maj=3.4km s-min=1.9km az=16.0, PRXIMO, Pyrenees

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like IPRE Itoiz, EARA Aranguren, IUSE Uxetzi, etc.

ISCJB 27 00:34:19.7-0.5, 914S:007.10735E:007, h10km, mb4.3/18, Error ellipse: s-maj=12.0km s-min=7.6km az=106.1

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like EBBE Bielsa, EBIE Bielsa, ESAC San Caprasio, etc.

ISCJB 27 00:34:20.2-2.5, 910S:10735E, h0km, mb3.8/7, mb1 3.9/7, mb1mx3.8/18, mbtmp3.8/7, MS3.4/1, Ms1 3.4/1, ms1mx2.6/24, Error ellipse: s-maj=127.5km s-min=18.0km az=50.0

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like LEMB Lembang, CBJI Citeko, BJII Benjamegara, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, WB2 Warramunga Arr, ASAR Alice Springs, etc.

IDC 27 00:39:28.9-2.8, 516S:143.14E, h0km, mb4.0/5, mb1 4.3/6, mb1mx4.1/14, mbtmp4.1/6, ML4.1/1, Error ellipse: s-maj=26.8km s-min=23.9km az=103.0

ISCJB 27 00:39:32.0-0.5, 522S:007.1431E:011, h33km, mb4.0/7, Error ellipse: s-maj=14.3km s-min=9.6km az=3.7

NEIC 27 00:39:34.0-0.4, 522S:143.10E, h35km, mb4.2/4, Error ellipse: s-maj=10.4km s-min=7.1km az=95.0

ISC 27 00:39:29.2-7.6, 52S:01x14312E:010, h2km, mb49km, n20, 0545/18, mb4.0/7, New Guinea

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like KAKA Kakadu, CTAO Charters Tower, WB2 Warramunga Arr, etc.

ISCJB 27 00:48:29.2-3.7, 49S:01x1527E:02, h77km, 31km, mb3.9/11, Error ellipse: s-maj=29.0km s-min=20.8km az=37.7

NEIC 27 00:48:31.2-2.2, 489S:15271E, h87km, 18km, mb4.2/5, Error ellipse: s-maj=21.2km s-min=12.4km az=99.0

IDC 27 00:48:33.5-7.1, 491S:15259E, h98km, 52km, mb3.6/7, mb1 3.7/8, mb1mx3.7/16, mbtmp3.6/8, MS3.7/2, Ms1 3.6/2, ms1mx2.8/19, Error ellipse: s-maj=68.1km s-min=25.2km az=92.0

ISC 27 00:48:30.7-3.2, 49S:01x1528E:02, h78km, 26km, n22, 0555/21, mb3.9/11, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like PMG Port Moresby, PMG PMG, CTAO Charters Tower, etc.

ISCJB 27 00:52:34.0-0.7, 613S:006.14779E:010, h10km, mb4.0/7,

QIZ	S	Sn	02 35 04.0 +0.4		
QIZ	LR	LR			
comp=N,12um,20.9s					
QIZ	LR	LR			
QIZ	10.43 255	ePn	Pn	02 33 05.3 -2.8	
Diongzhong					
comp=Z,559nm,1.1s					
Minamidaito 2	10.50 67	P	Pn	02 33 07.0 -2.0	
JMZ					
JMZ					
ENPP	10.80 186	eP	Sn	02 34 56.4 -8.8	
CUYO	11.11 177	eP	Pn	02 33 19.8 +2.4	
GUIM	11.49 170	eP	Pn	02 33 24.6 +1.9	
OCLP	11.58 160	eP	Pn	02 33 25.0 +1.2	
MSLP	12.52 160	eP	Pn	02 33 38.5 +1.8	
TBP	12.67 165	eP	Pn	02 33 39.4 +0.8	
GVA	13.39 292	iP	Pn	02 33 46.5 -2.0	
GVA		AP		02 33 50.5	
GVA		XP		02 33 53.8	
GVA		PP		02 33 57.0	
GVA		AMB	AMB		
comp=Z,240nm,1.0s					
comp=Z,430nm,5.4s					
comp=N,7um,10.5s					
comp=E,12um,12.4s					
comp=Z,12um,11.9s					
BATP	13.40 192	eP	Pn	02 33 47.3 -1.3	
CGP	14.07 163	iP	Pn	02 33 57.7 0.0	
JNU	14.37 37	Pn	Pn	02 34 04.9 +3.0	
Nakatsue					
comp=Z,1.1nm,0.3s,baz=257,slow=21,SNR=3.1					
Tai'an	14.45 349	iP	Pn	02 34 03.8 +0.8	
TIA		AP		02 34 10.0 -9.1	
TIA		AMB	AMB		
comp=Z,643nm,1.7s					
comp=N,3um,10.0s					
comp=E,4um,8.0s					
Musuan	14.72 162	eP	Pn	02 34 07.5 +1.0	
CTBH	15.14 166	iP	Pn	02 34 18.7 +6.7	
XAN	15.74 322	S	Pn	02 34 18.0 -1.8	
XAN		AMB	AMB	02 37 19.0 -7.4	
comp=Z,96nm,1.7s					
comp=Z,683nm,6.0s					
comp=N,7um,11.2s					
comp=E,4um,13.6s					
comp=Z,8um,14.6s					
MATI	15.97 159	eP	Pn	02 34 24.4 +1.7	
INCN	16.30 18	eP	Pn	02 34 26.5 -0.4	
KKM	16.41 195	eP	Pn	02 34 28.4 +0.1	
KMI	16.59 284	P	Pn	02 34 28.5 -2.1	
KMI		AP		02 34 31.0 -12	
KMI		PP		02 34 40.5	
KMI		SS		02 37 30.0 -14	
KMI		AMB	AMB		
comp=Z,56nm,2.0s					
comp=Z,1um,3.9s					
comp=N,4um,20.4s					
comp=E,4um,16.1s					
comp=Z,5um,14.7s					
Kunming	16.59 284	P	Pn	02 34 28.4 -2.2	
KMI		S	S	02 37 29.9 -14	
comp=Z,56nm,2.0s					
comp=Z,56nm,2.0s					
Kunming	16.59 284	P	Pn	02 34 28.4 -2.2	
KMI		pP	pP	02 34 31.1 -12	
KMI		PP		02 34 40.5	
KMI		PPP		02 34 48.7	
KMI		S	S	02 37 29.9 -14	
KMI		sS	sS	02 37 34.6 -25	
KMI		SS		02 37 47.7	
KMI		SSS		02 38 03.7	
KSRs	16.67 21	Pn	Pn	02 34 31.6 0.0	
comp=Z,7um,19.6s,baz=206,slow=40					
DL2	16.87 3	iP	LR	02 34 34.8 +0.8	
DL2		AMB	AMB		
comp=Z,220nm,1.4s					
comp=Z,1um,6.5s					
comp=N,2um,15.5s					
comp=E,4um,16.5s					
comp=Z,3um,18.0s					
Chengdu	17.41 304	P	Pn	02 34 38.5 -2.3	
CD2		AP		02 34 42.0 -10	
CD2		XP		02 34 44.5 -13	
CD2		S	S	02 37 49.5 -11	
CD2		SS	SS	02 37 53.5 -23	
CD2		AMB	AMB	02 38 15.3	
comp=Z,100nm,1.2s					
comp=Z,500nm,3.7s					
comp=N,10um,11.0s					
comp=E,7um,11.0s					
BJT	18.33 349	eP	Pn	02 34 52.2 +0.2	
Baijiatuu					
comp=Z,189nm,0.9s					
Baijiatuu	18.33 349	eP	Pn	02 34 52.1 +0.1	
BJI	18.35 349	P	Pn	02 34 52.3 0.0	
BJI		S	S	02 38 16.3 -3.1	
comp=Z,208nm,1.2s					
comp=Z,4um,3.5s					
comp=N,6um,23.4s					
comp=E,7um,19.5s					
comp=Z,6um,22.0s					
Beijing	18.35 349	P	Pn	02 34 52.3 0.0	
comp=Z,208nm,1.2s					
Shenyang	19.92 7	iP	Pn	02 38 16.2 -3.2	
SNY		S	S	02 35 09.0 -2.2	
SNY		S	S	02 38 50.0 -1.1	
comp=Z,143nm,1.7s					
comp=Z,2um,3.6s					
comp=N,5um,14.4s					
comp=Z,6um,15.0s					
LZH	20.18 318	iP	P	02 35 13.5 +1.4	
LZH		AP		02 35 17.5	
LZH		XP		02 35 20.8 -7.0	
LZH		PP		02 35 33.5	
LZH		S	S	02 38 54.5 -1.7	
LZH		XS	sS	02 39 00.5 -12	
LZH		SS	SS	02 39 23.5	
LZH		AMB	AMB		
comp=Z,766nm,1.5s					
comp=Z,2um,5.4s					
comp=E,7um,7.6s					
comp=Z,10um,13.2s,MS5.3					
Lanzhou	20.18 318	iP	P	02 35 13.5 +1.4	
LZH				02 35 33.4	
LZH		PPP		02 35 42.8	

S	S	02 38 54.5 -1.7			
SS	SS	02 39 23.5			
pmax	pmax				
MLR	MLR				
comp=Z,766nm,1.5s					
LZH	20.18 318	iP	P	02 35 13.5 +1.4	
LZH		pP		02 35 17.6	
LZH		PP	sP	02 35 33.4	
LZH		PPP		02 35 42.8	
LZH		S	S	02 38 54.5 -1.7	
LZH		sS	sS	02 39 00.6 -12	
LZH		SS	SS	02 39 23.5	
LZH		LR	LR		
comp=Z,10um,13.2s,MS5.3					
HHC	20.25 340	eP	P	02 35 14.0 +1.2	
HHC		AP		02 35 20.8	
HHC		XP	sP	02 35 24.5 -4.0	
HHC		PP		02 35 34.8	
HHC		S	S	02 39 00.5 +2.9	
HHC		XS	sS	02 39 04.3 -10	
HHC		SS	SS	02 39 22.3	
HHC		PCP	PcP	02 39 28.5 +3.1	
HHC		SCS	ScS	02 46 43.0 +2.0	
HHC		AMB	AMB		
comp=Z,651nm,1.2s					
comp=N,7um,17.7s,MS5.2					
comp=E,7um,15.3s,MS5.2					
HHC		LR	LR		
comp=Z,6um,22.2s					
NST	20.29 255	P	LR	02 35 13.5 +0.3	
HJJ	20.32 53	LR	LR	02 42 48.2	
comp=Z,2um,19.3s,MS4.5,baz=84,slow=36					
Chichi jima	20.34 71	P	P	02 35 17.1 +3.3	
comp=Z,204nm,0.9s,baz=270,slow=20,SNR=3.5					
CBIJ		LR	LR	02 41 45.5	
comp=Z,2um,20.5s,MS4.5,baz=183,slow=33					
Chiang Mai	20.46 265	iP	P	02 35 15.4 +0.3	
comp=Z,150nm,1.5s					
Chiang Mai	20.46 265	iP	P	02 35 15.5 +0.4	
CHTO	20.46 265	iP	P	02 35 15.2 +0.1	
CHTO		pmax	pmax		
comp=Z,266nm,1.3s					
Chiang Mai	20.46 265	iP	P	02 35 15.2 +0.1	
comp=Z,266nm,1.3s					
BTO	20.56 337	eP	P	02 35 16.0 -0.1	
NSakai	20.96 43	P	P	02 35 21.0 +0.6	
JNG		S	S	02 39 15.9 +4.3	
MAJO	21.11 43	eP	P	02 35 22.4 +0.3	
MAJO	21.11 43	eP	P	02 35 22.2 +0.2	
comp=Z,241nm,1.4s,mb5.3					
Matsushiro	21.11 43	P	P	02 35 22.3 +0.2	
MAT		S	S	02 39 17.3 +2.8	
MAT		P	P	02 35 22.0 -0.1	
MAT		P	P	02 39 16.4 +1.9	
MAT		S	S	02 35 22.5 +0.5	
Matsushiro Arr	21.11 43	P	P	02 35 24.7 +1.3	
JRY		S	S	02 39 20.5 +3.4	
Ryogani san	21.24 45	P	P	02 39 28.5 -5.6	
Changchun	22.11 10	iP	P	02 39 28.5 -5.6	
CN2		AMB	AMB		
comp=Z,50nm,1.0s,mb4.9					
CN2		LR	LR		
comp=N,6um,18.0s,MS5.1					
CN2		LR	LR		
comp=E,3um,18.0s,MS5.1					
CN2		LR	LR		
comp=Z,6um,19.0s,MS5.0					
KSM	22.70 207	eP	P	02 35 38.5 -0.6	
VLA	22.09 22	eP	P	02 35 42.5 -0.6	
VLA		ePP		02 35 50.3	
VLA		eS		02 39 51.0 0.0	
comp=Z,453nm,2.5s,mb5.5					
VLA		MLR	MLR		
comp=Z,4um,17.9s,MS4.9					
Vladivostok	23.09 22	iP	P	02 35 43.5 +0.4	
Mudanjiang	23.75 16	P	P	02 35 49.3 -0.2	
MDJ		AP		02 35 58.0 -8.0	
MDJ		XP	sP	02 39 32.5 +0.2	
MDJ		PCP	PcP	02 40 05.8 +4.0	
MDJ		SCP	ScP	02 43 08.0 +0.9	
MDJ		PCS	PcS	02 46 55.3 +1.4	
MDJ		SCS	ScS		
MDJ		AMB	AMB		
comp=Z,110nm,1.1s,mb5.2					
MDJ		AMB	AMB		
comp=Z,659nm,6.6s					
comp=N,4um,17.7s,MS5.0					
comp=E,4um,19.7s,MS5.0					
comp=Z,6um,15.8s,MS5.1					
MDJ	23.75 16	iP	P	02 35 48.6 -0.9	
Mudanjiang	23.75 16	iP	P	02 35 54.0 +0.3	
Songzha	24.21 235	P	P	02 35 57.3 -0.2	
comp=Z,126nm,0.8s,mb5.4					
GUM	24.63 106	P	P	02 35 54.0 -0.2	
comp=Z,199nm,0.9s,mb5.6,baz=33,slow=19,SNR=4.7					
GUM		LR	LR	02 45 21.9	
comp=Z,2um,19.5s,MS4.6,baz=101,slow=36					
GUM	24.63 106	eP	P	02 35 56.3 -1.2	
GUM		pmax	pmax		
comp=Z,290nm,1.1s,mb5.7					
GUM	24.63 106	eP	P	02 35 56.3 -1.2	
comp=Z,290nm,1.1s,mb5.7					
Gaotai	24.75 319	P	P	02 35 58.5 -0.1	
GTA		AP		02 36 05.5	
GTA		XP	sP	02 36 09.3 -5.8	
GTA		PP		02 36 36.5	
GTA		S	S	02 40 19.5 +1.6	
GTA		XS	sS	02 40 30.8 -6.2	
GTA		AMB	AMB		
comp=Z,147nm,1.4s,mb5.3					
GTA		AMB	AMB		
comp=Z,1um,5.3s					
comp=N,3um,15.6s,MS5.0					
comp=E,2um,16.0s,MS5.0					
comp=Z,4um,14.1s,MS5.0					
KULM	25.42 232	eP	P	02 36 04.4 -	

Table with columns for station name, frequency, power, and signal strength. Includes stations like KRAR, HYB Hyderabad, FITZ Fitroy Crossi, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like WRA, WB2 Warramunga Arr, ERKIN-SAY, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like TTA Talalina, TTA Tatalina, SMOV Sparrevoh, etc.

27d 3h

Table with columns: LMR, La Moure, 91.19 318, P, 02 43 41.7 +0.1, etc. Lists various stations and their coordinates.

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Table with columns: IDC 27 02:47:35.8, 57.0, 1075S, h0km, mb3.8/3, etc. Lists station data for IDC and JMA regions.

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Table with columns: mb4.3/34, Error ellipse: s-maj=8.1km s-min=5.0km, etc. Lists station data for MOS, JMA, and NEIC regions.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res. Includes stations like Rainy Point, Takapari Road, Pawanui, North Egmont, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res. Includes stations like comp=Z.26nm,1.5s,mb4.4, LZH, ULN, ULN, ULN, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res. Includes stations like IDC 27 05:09:16.1, 8.3, 628S, 15133E, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res. Includes stations like IDC 27 04:52:53.8, 9.646S, 15159E, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res. Includes stations like comp=Z.26nm,1.5s,mb4.4, KURK, KURK, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res. Includes stations like SKR Severo-Kuril's, KUR Kuril's, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res. Includes stations like NIED 27 05:00:28.70N, 13020E, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res. Includes stations like comp=Z.10nm,0.8s,mb4.9, AKTO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res. Includes stations like IDC 27 05:21:10.2, 2.1, 37.16N, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res. Includes stations like IDC 27 05:02:32.8, 1.5, 28.78N, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res. Includes stations like comp=Z.10nm,0.8s,mb4.9, AKTO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res. Includes stations like KSH Kashi, TKM2 Tokmak 2, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res. Includes stations like IDC 27 05:02:32.4, 0.9, 28.71N, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res. Includes stations like comp=Z.10nm,0.8s,mb4.9, AKTO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res. Includes stations like KSH Kashi, TKM2 Tokmak 2, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res. Includes stations like ASAJ Asahikawa, XAN Xi'an, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res. Includes stations like comp=Z.10nm,0.8s,mb4.9, AKTO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, Res. Includes stations like BOZC Bozcaada, PRK Paraskevi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like KURK Kurchatov, MK31 Makanchi Array, BVAR Borovoye Array, etc.

ISCJB 27 10:26:29.4-6.6, 2BN-01:934E.01, h31km, 47km, mb3.9/7, MS3.4/1, Error ellipse: s-maj=27.1km s-min=13.1km az=58.2

ISC 27 10:26:31.5-1.1, 285N-9334E, h33km, 5km, mb3.7/7, mb1.3/0.6, mb1mx3.6/2.3, mbmtmp3.7/8, ML4.4/1, MS3.0/2, Ms1.3/0.2, ms1mx2.6/2.6, Error ellipse: s-maj=38.1km s-min=14.7km az=49.0

ISC 27 10:26:30.4-6.7, 2BN-01:934E.01, h24km, 48km, h34km, 6km, pP, n10, d0973/10, mb3.9/7, MS3.4/1, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like PSI Prapat, SHL Shillong, MKAR Makanchi Array, WRA Warramunga Arr, etc.

ISC 27 10:40:55.0-2.6, 1091S-12325E, h0km, mb3.7/1, mb1.3/3.7, mb1mx3.3/1.4, mbmtmp3.3/3, ML3.0/2, Error ellipse: s-maj=247.1km s-min=33.9km az=52.0, Timor region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, etc.

ISC 27 10:56:15.0-6.3, 2270N-122.10E, h0km, mb3.5/3, mb1.3/7.3, mb1mx3.5/2.0, mbmtmp3.5/3, Error ellipse: s-maj=453.7km s-min=29.7km az=60.0

JMA 27 10:56:20.5-0.5, 2177N-121.04E, h0km, M3.9, ISCJB 27 10:56:22.6-2.0, 219N-01:1207E.01, h5.1km, 23km, mb3.3/3, Error ellipse: s-maj=25.9km s-min=16.0km az=90.7

ISC 27 10:56:23.5-2.2, 219N-01:1206E.01, h39km, 26km, n9, c046/13, mb3.3/3, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like YOJ Yonaguni jima, HATJ Hateruma jima, ASAR Alice Springs, etc.

ISC 27 11:05:22.3-2.4, 1078S-12360E, h0km, mb3.8/1, mb1.3/6.3, mb1mx3.5/1.4, mbmtmp3.5/3, ML3.3/2, Error ellipse: s-maj=220.7km s-min=32.9km az=52.0, Timor region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, etc.

CSEM 27 11:19:06.8-0.3, 3762N-345W, h0km, mb3.5/1, Error ellipse: s-maj=3.1km s-min=1.7km az=108.0, After MDD, Spain

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like EQES Quesada, EQES Quesar, EQUE Qentaur, EBAN Banos Encina, etc.

ISC 27 11:26:34.5-1.1, 1307N-12339E, h0km, mb3.9/6, mb1.4/0.7, mb1mx3.8/2.1, mbmtmp3.9/7, ML4.4/1, MS3.3/4, Ms1.3/3.4, ms1mx3.4/2.9, Error ellipse: s-maj=49.8km s-min=16.2km az=58.0

MAN 27 11:26:35.8, 1313N-12323E, h1km, mb3.7, ML4.8, MS6.9, MAN FRIGIA CITY - INTENSIFY II

ISCJB 27 11:26:39.1-0.6, 1312N-005x12325E-007, h49km, 9km, mb3.9/6, MS3.2/4, Error ellipse: s-maj=11.5km s-min=6.2km az=126.1

ISC 27 11:26:39.9-1.6, 1310N-005x12327E-006, h34km, 14km, n31, c195/33, mb3.9/6, MS3.2/4, 3C-2D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like GQP Guinayangan, OTRP Odiangan, BOAC Boac, etc.

MEX 27 11:27:53.6-0.5, 1590N-9652W, h46km, 10km, MD3.6, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like HUIG Huatulco, Vista Hermosa, VHO Vista Hermosa, etc.

KRSC 27 11:44:37.1-1.7, 5525N-16603E, h20km, 20km, ML3.7, Komandorsky Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like MKZ Mys Kozlova, KLY Klyuchi, KRSH Krestovskiy, etc.

ISC 27 11:47:02.7-2.2, 901S-11326E, h0km, mb3.6/4, mb1.3/7.4, mb1mx3.6/1.7, mbmtmp3.6/4, Error ellipse: s-maj=133.3km s-min=23.1km az=50.0, South of Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, etc.

STKA Stephens Creek 34.77 135 P 11 53 547 -0.1, 1.0nm, 0.8s, baz=318, slow=12, SNR=5.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like MKAR Makanchi Array, IDC 27 12:05:53.5-1.7, 445S-14417E, etc.

ISCJB 27 12:05:56.5-3.7, 46S-01x1444E.01, h41km, 40km, mb3.8/4, MS3.3/3, Error ellipse: s-maj=23.9km s-min=19.5km az=7.2

ISC 27 12:05:58.3-2.7, 46S-01x1443E.01, h38km, 30km, n13, c0969/9, mb3.8/4, MS3.3/3, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like PMG Port Moresby, KAKA Kakadu, CTA Charters Tower, GUMO Guam, etc.

ISC 27 12:43:55.1-3.9, 1656S-6922W, h193km, 11km, mb3.3/2, mb1.3/3.3, mb1mx3.1/1.7, mbmtmp3.1/3, Error ellipse: s-maj=121.1km s-min=35.0km az=16.0, Peru-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like LPAZ La Paz, SIV San Ignacio, TORO Torodi Arr, etc.

ISC 27 12:51:42.2-0.8, 1025S-12388E, h0km, mb4.1/7, mb1.4/2.8, mb1mx4.1/1.5, mbmtmp4.1/8, ML4.0/1, MS3.2/3, Ms1.3/2.3, ms1mx2.8/2.6, Error ellipse: s-maj=48.6km s-min=18.0km az=61.0

ISCJB 27 12:51:46.8-2.4, 1069S-008x12394E-010, h74km, 24km, mb4.0/7, Error ellipse: s-maj=16.3km s-min=13.1km az=52.4

ISC 27 12:51:42.4-0.4, 1057S-007, 12377E-009, h11km, 25km, n18, c051/18, mb4.1/7, MS3.3/3, Timor region

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

ISC 27 12:51:42.4-0.4, 1057S-007, 12377E-009, h11km, 25km, n18, c051/18, mb4.1/7, MS3.3/3, Timor region

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

ISC 27 13:00:08.7-1.3, 1023S-12421E, h0km, mb4.4/2, mb1.4/3.5, mb1mx4.0/1.5, mbmtmp4.1/5, ML4.0/3, Error ellipse: s-maj=109.7km s-min=24.2km az=64.0

ISCJB 27 13:00:20.2-2.2, 108S-01:1242E.01, h134km, 25km, mb4.1/2, Error ellipse: s-maj=22.4km s-min=14.3km az=98.5

ISC 27 13:00:22.3-2.6, 108S-01:1243E.01, h138km, 31km, n8, c0985/13, mb4.1/2, Timor region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, M, S, ISC. Includes stations like FITZ Fitzroy Crossi, KAKA Kakadu, WRA Warramunga Arr, etc.

27d 15h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like ASAR, MKAR, Zalesovo.

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

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

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like YOJ, OZH, QZH, MKAR.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like WRA, ASAR, YKA, MKAR.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like WRA, ASAR, YKA, MKAR.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like YSS, WRA, ASAR, YKA, MKAR.

2006 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like UGL, JSE, ASAJ.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like JSE, ASAJ, JMK, JTKR.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like JMK, JTKR, JYK, JYV.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like JYK, JYV, JAR, JGRN.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like JAR, JGRN, EKMR, YKA.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like YKA, PDAR, ASAR.

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

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

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like ZAL, NEIC, IDC.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like PSI, DMN, GUN, GKN.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like LSA, KOLN, MK31, MKAR.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like SONM, ULN, KSRK.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like KSRK, WRA, WB2, KURK.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like ASAR, ZAL, BVAR, BRTR.

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

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

Table with columns: Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like GERES, HFS, LPGA.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WRA, WB2, ASAR, JKSU, etc.

IDC 27 15:35:16.4:2.7, 1128S, 12302E, h0km, mb3.8/1, mb1 3.8/3, mb1mx3.6/14, ML3.7, ML3.5/2, Error ellipse: s-maj=248.4km s-min=32.7km az=51.0, South of Timor

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WRA, WRA, ASAR, etc.

IDC 27 15:38:07.8:0.9, 2168N, 12060E, h0km, mb3.9/8, mb1 4.0/9, mb1mx3.8/21, mb1mx3.9/9, ML3.4/1, Error ellipse: s-maj=37.9km s-min=19.6km az=75.0, NEIC 27 15:38:07.8:5.5, 2168N, 12064E, h2km, 35km, MS3.4(JMA), Error ellipse: s-maj=16.7km s-min=10.8km az=85.0

ISCJB 27 15:38:11.5:1.4, 2171N, 12075E, h0km, h39km, 13km, mb3.7/8, Error ellipse: s-maj=15.6km s-min=10.1km az=110.0

JMA 27 15:38:12.8:0.5, 2173N, 12079E, h98km, M3.4, ISC 27 15:38:12.9:2.4, 2174N, 12088E, h0km, h34km, 18km, n20, 0f65/26, mb3.7/8, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NACB, YHNB, TATO, etc.

ISCJB 27 16:24:33.1:0.7, 4076N, 004:2272E, h0km, 13km, Error ellipse: s-maj=10.3km s-min=4.1km az=118.6

THE 27 16:24:33.6, 4076N, 2273E, h4km, ML2.4, CSEM 27 16:24:33.2:0.1, 4075N, 2268E, h10km, ML2.4, Error ellipse: s-maj=2.4km s-min=1.1km az=51.0

SKO 27 16:24:33.0, 4076N, 2272E, h16km, M1.7, ML2.2, NEO 27 16:24:33.6, 4076N, 2273E, h5km, ML2.7(THE), After THE

ISC 27 16:24:33.6:0.7, 4076N, 004:2271E, h7km, 12km, n18, 0f45/29, Greece

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like THE, THE, THE, etc.

MOS 27 16:25:05.2:2.5, 4950N, 15700E, h5km, mb4.2/1, Error ellipse: s-maj=55.2km s-min=11.6km az=80.0, KRSC 27 16:25:05.2:1.6, 4950N, 15702E, h5km, 5km, ML4.0, East of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes station SKR.

Table with columns: SKR, Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like MIPR, RUS, RUS, etc.

CSEM 27 16:35:26.8, 1199N, 4382E, h11km, ML3.7, After DHMR, DHMR 27 16:35:26.8:1.3, 1199N, 4382E, h12km, 9km, ML3.7, 3C-1D, Ethiopia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TRBA, TRBA, TRBA, etc.

IDC 27 17:16:30.5:2.4, 2611N, 14135E, h80km, 24km, mb3.4/4, mb1 3.6/4, mb1mx3.2/18, mb1mx3.4/9, Error ellipse: s-maj=51.6km s-min=20.7km az=44.0, Bonin Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CBJ, CBJ, WRA, etc.

IDC 27 17:40:23.8:0.9, 4676N, 15540E, h0km, mb3.8/15, mb1 4.1/16, mb1mx4.0/24, mb1mx3.9/16, ML3.4/1, MS3.5/2, Ms1 3.4/2, ms1mx2.9/25, Error ellipse: s-maj=25.6km s-min=16.5km az=162.0

NEIC 27 17:40:25.9:0.7, 4688N, 15543E, h10km, mb4.1/1, Error ellipse: s-maj=17.0km s-min=10.5km az=149.0, ISCJB 27 17:40:26.8:1.8, 4676N, 0:15545E, 0.1, h37km, 13km, mb4.0/21, MS3.4/3, Error ellipse: s-maj=21.2km

MOS 27 17:40:27.4:0.8, 4672N, 15527E, h38km, mb4.5/3, Error ellipse: s-maj=16.0km s-min=10.4km az=104.4, ISC 27 17:40:29.7:1.5, 4681N, 01:15545E, 0.1, h45km, 12km, n41, 0f12/41, mb4.0/21, MS3.4/3, 6C, East of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SKR, SKR, KUR, etc.

ISCJB 27 17:40:23.8:0.9, 4676N, 15540E, h0km, mb3.8/15, mb1 4.1/16, mb1mx4.0/24, mb1mx3.9/16, ML3.4/1, MS3.5/2, Ms1 3.4/2, ms1mx2.9/25, Error ellipse: s-maj=25.6km s-min=16.5km az=162.0

NEIC 27 17:40:25.9:0.7, 4688N, 15543E, h10km, mb4.1/1, Error ellipse: s-maj=17.0km s-min=10.5km az=149.0, ISCJB 27 17:40:26.8:1.8, 4676N, 0:15545E, 0.1, h37km, 13km, mb4.0/21, MS3.4/3, Error ellipse: s-maj=21.2km

MOS 27 17:40:27.4:0.8, 4672N, 15527E, h38km, mb4.5/3, Error ellipse: s-maj=16.0km s-min=10.4km az=104.4, ISC 27 17:40:29.7:1.5, 4681N, 01:15545E, 0.1, h45km, 12km, n41, 0f12/41, mb4.0/21, MS3.4/3, 6C, East of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SKR, SKR, KUR, etc.

Table with columns: CLL, Collm, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like KHC, GERES, CDF, etc.

IDC 27 17:49:29.1:1.5, 233N, 9731E, h0km, mb3.4/5, mb1 3.6/5, mb1mx3.5/21, mb1mx3.4/5, Error ellipse: s-maj=35.9km s-min=20.4km az=43.0

ISCJB 27 17:49:31.9:1.1, 23N, 01:9723E, 0.09, h35km, mb3.4/5, Error ellipse: s-maj=19.6km s-min=12.9km az=0.0, NEIC 27 17:49:33.7:1.2, 233N, 9738E, h30km, Error ellipse: s-maj=23.1km s-min=16.6km az=48.0

ISC 27 17:49:34.3:1.2, 23N, 01:9728E, 0.09, h35km, n8, 0f10/9, Kuril Islands, Northern Sumatra

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PSI, PSI, KULM, etc.

IDC 27 18:14:05.1:0.8, 5539N, 16629E, h0km, mb3.9/11, mb1 4.2/11, mb1mx3.9/24, mb1mx3.9/11, MS3.2/2, Ms1 3.2/2, ms1mx2.8/37, Error ellipse: s-maj=26.7km s-min=16.8km az=165.0

MOS 27 18:14:06.4:1.1, 5553N, 16628E, h19km, mb4.3/2, Error ellipse: s-maj=15.2km s-min=10.7km az=137.6, NEIC 27 18:14:06.9:0.4, 5546N, 16631E, h10km, mb4.3/1, Error ellipse: s-maj=15.0km s-min=7.0km az=158.0

KRSC 27 18:14:06.5:0.1, 5537N, 16629E, h21km, 20km, ML4.4, ISCJB 27 18:14:06.9:0.9, 5538N, 004:16624E, 0.07, h42km, 9km, mb3.9/13, MS3.2/1, Error ellipse: s-maj=7.6km

ISC 27 18:14:10.2:0.9, 5541N, 005:16630E, 0.08, h37km, 10km, n46, 0f107/66, mb3.9/13, MS3.2/1, Komandorsky Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KBTR, KBTR, MKZ, etc.

ISCJB 27 18:14:10.2:0.9, 5541N, 005:16630E, 0.08, h37km, 10km, n46, 0f107/66, mb3.9/13, MS3.2/1, Komandorsky Islands region

ISCJB 27 18:14:10.2:0.9, 5541N, 005:16630E, 0.08, h37km, 10km, n46, 0f107/66, mb3.9/13, MS3.2/1, Komandorsky Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KBTR, KBTR, MKZ, etc.

SZGRF 27 18:38:26.1,2574N:14083E,h33km,mb4.8,Volcano Islands, Japan, region
 BUJ 27 18:39:09.7,2693N:14045E,h397km,mb4.9,mb4.4
 IDC 27 18:39:12.6,0.5,2709N:14024E,h391km,5km,mb3.7/18,mb1.3/8/22,mb1mx3.8/26,mbtmp3.7/22,Error ellipse: s-maj=13.3km s-min=8.2km az=83.0
 MOS 27 18:39:12.4,0.8,2708N:14020E,h407km,mb4.4/15,Error ellipse: s-maj=15.0km s-min=7.0km az=108.9
 ISCJB 27 18:39:12.4,0.4,27.11N,004.4,1034E:007,h406km,4km,mb4.2/42,Error ellipse: s-maj=10.0km s-min=6.3km az=158.3
 JMA 27 18:39:13.9,0.3,2725N:14073E,h413km,4km,M4.6
 NEIC 27 18:39:14.1,1.3,27.13N,14026E,h408km,12km,mb4.5/13,Error ellipse: s-maj=8.6km s-min=6.7km az=110.0
 ISC 27 18:39:13.5,0.4,27.16N,004.4,1034E:007,h401km,4km,h418km,7.3km;pP-P,n110,1f06/116,mb4.2/42,7C-1D,
 Bonin Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
CBIJ	Chichi jima	1.58	92	P	18 40 06.6	-0.5
CBIJ	193nm,0.3s,baz=172,slow=4.6,SNR=27					
CBIJ	120nm,0.3s,baz=276,slow=23,SNR=9.6					
CBIJ	Chichi jima	1.58	92	P	18 40 07.4	+0.4
JHHU	Haha-jima-NKT	1.67	108	P	18 40 08.4	+0.9
JHHU					18 40 51.1	-0.1
JHU2	Mitsune	5.96	35	P	18 40 46.7	+1.1
JHU2					18 41 59.3	-1.4
JHU2	Hachijo jima 2	5.97	355	P	18 40 46.8	+1.1
JHU2	68nm,0.3s,baz=206,slow=14,SNR=13					
JHU					18 41 58.0	-2.8
BSO1	Boso 1	7.49	4	P	18 41 03.1	0.0
JWZ	Kozaga	7.54	329	P	18 41 05.6	+2.0
JWZ	ise	7.89	337	P	18 41 09.7	+2.3
JOD2	Odawara 2	8.16	352	P	18 41 10.9	+0.4
JOD2					18 42 43.5	-2.4
JTO	Tosashimizu	8.70	313	P	18 41 18.8	+2.2
JRY	Fyogami san	8.93	352	P	18 41 19.4	+0.4
MJAR	Matsushiro Arr	9.54	349	P	18 41 25.5	-0.4
MJAR	2.4nm,0.3s,baz=165,slow=11,SNR=34					
MJAR	1.1nm,0.3s,baz=290,slow=26,SNR=3.5					
MJAR	Matsushiro Arr	9.54	349	P	18 41 25.5	-0.4
MJAR					18 43 09.8	-5.1
MAJO	Matsushiro	9.54	349	P	18 41 25.5	-0.4
MAJO					18 43 12.8	-2.1
MAT	Matsushiro	9.54	349	P	18 41 25.5	-0.4
MAT					18 43 12.8	-2.1
JHS	Saijyo	10.01	323	P	18 41 36.7	+2.7
JNU	Nakatsue	10.17	308	P	18 41 36.5	+3.8
JNU	comp=Z,2.0nm,0.3s,baz=225,slow=19,SNR=8.7					
JMK	Ichinoseki	11.78	3	P	18 41 52.7	+2.0
KSR5	Korea Array	14.71	317	P	18 42 23.1	+0.4
KSR5	baz=132,slow=11,SNR=8.0					
JOSM	Okushiri-Mats	14.91	357	P	18 42 26.7	+1.9
ASAJ	Asahikawa	17.02	5	P	18 42 49.8	+2.2
ASAJ	comp=Z,0.9nm,0.3s,baz=17,slow=18,SNR=6.0					
ASAJ	Asahikawa	17.02	5	P	18 42 49.7	+2.3
ASAJ					18 43 33.0	-0.1
HABR	Khabarovsk	21.69	350	P	18 43 33.0	-0.1
HABR					18 43 45.5	0.0
WHN	Wuhan	23.06	285	P	18 44 22.7	-0.1
HIA	Hailar	27.24	30	P	18 44 28.0	-0.5
XAN	Xi'an	28.88	292	P		
XAN					18 45 05.0	-0.8
CD2	Chengdu	32.17	286	P	18 45 05.0	-0.8
CD2					18 45 36.4	-0.6
BOD	Bodaibo	35.84	336	P	18 45 36.4	-0.6
BOD					18 46 37.3	+0.9
SEY	Seymchan	36.64	9	P	18 45 44.2	+0.6
LSA	Lhasa	43.14	285	P	18 46 37.3	+0.9
LSA					18 46 42.8	+1.5
BLL	Bilibino	43.76	141	P	18 46 42.8	+1.5
BLL					18 46 42.6	+1.3
BILL	Bilibino	43.76	141	P	18 46 42.6	+1.3
BILL					18 46 49.9	-1.0
TIXI	Tiksi	45.00	355	P	18 46 49.9	-1.0
TIXI					18 46 53.3	+0.4
WMQ	Urumqi	45.26	306	P	18 46 53.3	+0.4
WMQ					18 47 02.1	-0.2
PSI	Prapat	46.47	246	P	18 47 02.1	-0.2
PSI					18 47 07.0	-0.7
WRA	Warrungana Arr	47.19	188	P	18 47 07.0	-0.7
WRA	comp=Z,3.6nm,0.5s,mb4.2,baz=77,slow=8.4,SNR=171					
FITZ	Fitzroy Gnni	47.22	199	P	18 47 08.1	+0.2
FITZ	comp=Z,1.1nm,0.4s,mb3.6,baz=277,slow=23,SNR=8.3					
JIRN	Jiri	47.80	284	P	18 47 13.2	+0.8
JIRN	comp=Z,88nm,0.7s,mb5.2					
GUN	Gumba	48.01	284	P	18 47 14.7	+0.7
ZAL	Zalesovo	48.42	319	P	18 47 16.7	-0.3
ZAL	comp=Z,1.6nm,0.5s,mb3.6,baz=20,slow=5.8,SNR=8.9					
ZAL					18 48 35.6	-0.6
PKI	Pulchoki	48.49	284	P	18 47 17.6	0.0
KKN	Kakani	48.56	284	P	18 47 18.1	0.0
KKN	comp=Z,28nm,0.7s,mb4.7					
KKN					18 47 18.1	0.0
DMN	Darna	48.75	284	P	18 47 19.6	+0.1
DMN	comp=Z,28nm,0.7s,mb4.7					
GKN	Gorkha	49.07	285	P	18 47 21.9	0.0
GKN	comp=Z,12nm,0.3s,mb4.1					
MK31	Makanchi Arr	49.22	310	P	18 47 22.6	-0.4
MKAR	Makanchi Arr	49.22	310	P	18 47 22.7	-0.3
MKAR	comp=Z,2.6nm,0.5s,mb3.8,baz=86,slow=10,SNR=32					
MKAR					18 48 38.8	-0.4
MKAR					18 51 54.7	-0.6
MKAR	Makanchi Arr	49.22	310	P	18 47 22.7	-0.3
MKAR					18 48 38.8	-0.4
KOLN	Koldanda	50.01	285	P	18 47 34.9	-0.7
ASAR	Alice Springs	50.91	188	P	18 48 45.5	0.0
ASAR	comp=Z,4.0nm,0.9s,mb4.6,baz=359,slow=4.8,SNR=59					
ASAR					18 48 45.5	0.0
KURK	Kurchatov	51.81	315	P	18 47 41.1	-1.1
KURK					18 48 09.6	+3.4
KURK	Kurchatov	51.81	315	P	18 47 41.2	-1.0
KURK					18 47 19.6	+0.1
DMN	Darna	48.75	284	P	18 47 19.6	+0.1
DMN	comp=Z,28nm,0.7s,mb4.7					
GKN	Gorkha	49.07	285	P	18 47 21.9	0.0
GKN	comp=Z,12nm,0.3s,mb4.1					
MK31	Makanchi Arr	49.22	310	P	18 47 22.6	-0.4
MKAR	Makanchi Arr	49.22	310	P	18 47 22.7	-0.3
MKAR	comp=Z,2.6nm,0.5s,mb3.8,baz=86,slow=10,SNR=32					
MKAR					18 48 38.8	-0.4
MKAR					18 51 54.7	-0.6
MKAR	Makanchi Arr	49.22	310	P	18 47 22.7	-0.3
MKAR					18 48 38.8	-0.4
KOLN	Koldanda	50.01	285	P	18 47 34.9	-0.7
ASAR	Alice Springs	50.91	188	P	18 48 45.5	0.0
ASAR	comp=Z,4.0nm,0.9s,mb4.6,baz=359,slow=4.8,SNR=59					
ASAR					18 48 45.5	0.0
KURK	Kurchatov	51.81	315	P	18 47 41.1	-1.1
KURK					18 48 09.6	+3.4
KURK	Kurchatov	51.81	315	P	18 47 41.2	-1.0
KURK					18 47 19.6	+0.1
DMN	Darna	48.75	284	P	18 47 19.6	+0.1
DMN	comp=Z,28nm,0.7s,mb4.7					
GKN	Gorkha	49.07	285	P	18 47 21.9	0.0
GKN	comp=Z,12nm,0.3s,mb4.1					
MK31	Makanchi Arr	49.22	310	P	18 47 22.6	-0.4
MKAR	Makanchi Arr	49.22	310	P	18 47 22.7	-0.3
MKAR	comp=Z,2.6nm,0.5s,mb3.8,baz=86,slow=10,SNR=32					
MKAR					18 48 38.8	-0.4
MKAR					18 51 54.7	-0.6
MKAR	Makanchi Arr	49.22	310	P	18 47 22.7	-0.3
MKAR					18 48 38.8	-0.4
KOLN	Koldanda	50.01	285	P	18 47 34.9	-0.7
ASAR	Alice Springs	50.91	188	P	18 48 45.5	0.0
ASAR	comp=Z,4.0nm,0.9s,mb4.6,baz=359,slow=4.8,SNR=59					
ASAR					18 48 45.5	0.0
KURK	Kurchatov	51.81	315	P	18 47 41.1	-1.1
KURK					18 48 09.6	+3.4
KURK	Kurchatov	51.81	315	P	18 47 41.2	-1.0
KURK					18 47 19.6	+0.1
DMN	Darna	48.75	284	P	18 47 19.6	+0.1
DMN	comp=Z,28nm,0.7s,mb4.7					
GKN	Gorkha	49.07	285	P	18 47 21.9	0.0
GKN	comp=Z,12nm,0.3s,mb4.1					
MK31	Makanchi Arr	49.22	310	P	18 47 22.6	-0.4
MKAR	Makanchi Arr	49.22	310	P	18 47 22.7	-0.3
MKAR	comp=Z,2.6nm,0.5s,mb3.8,baz=86,slow=10,SNR=32					
MKAR					18 48 38.8	-0.4
MKAR					18 51 54.7	-0.6
MKAR	Makanchi Arr	49.22	310	P	18 47 22.7	-0.3
MKAR					18 48 38.8	-0.4
KOLN	Koldanda	50.01	285	P	18 47 34.9	-0.7
ASAR	Alice Springs	50.91	188	P	18 48 45.5	0.0
ASAR	comp=Z,4.0nm,0.9s,mb4.6,baz=359,slow=4.8,SNR=59					
ASAR					18 48 45.5	0.0
KURK	Kurchatov	51.81	315	P	18 47 41.1	-1.1
KURK					18 48 09.6	+3.4
KURK	Kurchatov	51.81	315	P	18 47 41.2	-1.0
KURK					18 47 19.6	+0.1
DMN	Darna	48.75	284	P	18 47 19.6	+0.1
DMN	comp=Z,28nm,0.7s,mb4.7					
GKN	Gorkha	49.07	285	P	18 47 21.9	0.0
GKN	comp=Z,12nm,0.3s,mb4.1					
MK31	Makanchi Arr	49.22	310	P	18 47 22.6	-0.4
MKAR	Makanchi Arr	49.22	310	P	18 47 22.7	-0.3
MKAR	comp=Z,2.6nm,0.5s,mb3.8,baz=86,slow=10,SNR=32					
MKAR					18 48 38.8	-0.4
MKAR					18 51 54.7	-0.6
MKAR	Makanchi Arr	49.22	310	P	18 47 22.7	-0.3
MKAR					18 48 38.8	-0.4
KOLN	Koldanda	50.01	285	P	18 47 34.9	-0.7
ASAR	Alice Springs	50.91	188	P	18 48 45.5	0.0
ASAR	comp=Z,4.0nm,0.9s,mb4.6,baz=359,slow=4.8,SNR=59					

901

Table with columns for flight codes (e.g., CD2, HHC, BTO, etc.), destinations, times, and status. Includes entries like 'comp-Z,3um,5.5s' and '60.80 324 eP P'.

2006 DEC

Table with columns for flight codes (e.g., ZAK, BOD, SLGI, etc.), destinations, times, and status. Includes entries like 'comp-Z,379nm,1.0s,mb6.1' and '71.30 338 i/P pmax'.

27d 20h

Table with columns for flight codes (e.g., LATR, IMA2, DGAR, etc.), destinations, times, and status. Includes entries like 'LATR Bhopal 80.41 290 eP P' and '20 27 09.6 -2.2'.

Table with columns: Call Sign, Location, Frequency, Mode, and other details. Includes entries like THRS Thira Island, HRT6 Thira Island, HOR1 Horiatias, etc.

Table with columns: Call Sign, Location, Frequency, Mode, and other details. Includes entries like KYTH Kithira, UBBA Unterbreizbach, KPL Plocton, etc.

Table with columns: Call Sign, Location, Frequency, Mode, and other details. Includes entries like MAON Monte Argentar, ROSC El Rosal, ROSC Bardonecchia, etc.

Table with columns: SIV, comp-Z, SNR, Az, El, P, PKP, SKP, SKPbc, Time, Res. Lists various stations and their coordinates.

Table with columns: Code, Station Name, Az, El, P, PKP, SKP, SKPbc, Time, Res. Lists station codes and coordinates.

Table with columns: APE, VAM, GVD, BLR, VRI, AKAS, GERES, TORO. Lists station names and coordinates.

IDC 27 20:31:55.1±4.1, 1954S-17428W, h0km, mb4.1/1, Error ellipse: s-maj=157.2km s-min=31.1km az=135.0, Tonga Islands

Table with columns: Code, Station Name, Az, El, P, PKP, SKP, SKPbc, Time, Res. Lists station codes and coordinates.

IDC 27 20:49:57.1±2.0, 111N-9703E, h0km, mb3.6/4, mb1 3.6/5, mb1mx3.5/21, mbtmt3.5/5, ML3.0/1, Error ellipse: s-maj=53.1km s-min=24.4km az=62.0, Northern Sumatara

Table with columns: Code, Station Name, Az, El, P, PKP, SKP, SKPbc, Time, Res. Lists station codes and coordinates.

PRE 27 20:56:07.1±3.2, 2145S-3391E, h5km, ML4.8, Mozambique

Table with columns: Code, Station Name, Az, El, P, PKP, SKP, SKPbc, Time, Res. Lists station codes and coordinates.

CASC 27 21:21:47.1±3.2, 1374N-8990W, h72km±46km, MD3.6, C-4D, El Salvador

Table with columns: Code, Station Name, Az, El, P, PKP, SKP, SKPbc, Time, Res. Lists station codes and coordinates.

CASC 27 21:21:47.1±3.2, 1374N-8990W, h72km±46km, MD3.6, C-4D, El Salvador

Table with columns: Code, Station Name, Az, El, P, PKP, SKP, SKPbc, Time, Res. Lists station codes and coordinates.

IDC 27 21:25:23.6±2.5, 542N-12329E, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.5/20, mbtmt3.8/3, Error ellipse: s-maj=344.2km s-min=24.5km az=63.0, Mindanao

Table with columns: Code, Station Name, Az, El, P, PKP, SKP, SKPbc, Time, Res. Lists station codes and coordinates.

ISCJBJ 27 21:36:19.0±0.6, 3375N-002°11609W±0.03, h9km±4km, Error ellipse: s-maj=4.0km s-min=3.4km az=74.2

ISC 27 21:36:19.2±0.4, 3375N-002°11609W±0.03, h10km±4km, n23, ±0°55'33, 6C-15D, Southern California

Table with columns: Code, Station Name, Az, El, P, PKP, SKP, SKPbc, Time, Res. Lists station codes and coordinates.

Table with columns: SWSC, SWSC, BBRC, IRM, IRM, MONP, MONP, MURC, MURC, DVTC, GMRC, HEC, 109C, 109C, Y12C, Y12C, BFSC, X13A, MPMC, S08C, S08C, REDW. Lists station names and coordinates.

KRSC 27 21:43:55.1±1.1, 5073N-15747E, h83km±82km, ML3.7, Kuril Islands

Table with columns: Code, Station Name, Az, El, P, PKP, SKP, SKPbc, Time, Res. Lists station codes and coordinates.

IDC 27 21:48:16.0±5.2, 5639S-14088W, h0km, mb4.0/2, mb1 4.3/2, mb1mx4.0/11, mbtmt4.0/2, Error ellipse: s-maj=782.4km s-min=101.5km az=165.0, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, El, P, PKP, SKP, SKPbc, Time, Res. Lists station codes and coordinates.

NEIC 27 21:48:54.4, 3059S-7126W, h65km, MD4.0(GUC), After GUC

Table with columns: Code, Station Name, Az, El, P, PKP, SKP, SKPbc, Time, Res. Lists station codes and coordinates.

GUC 27 21:48:54.4±0.6, 3059S-7126W, h65km±2km, MD4.0, ML4.2, 1C-4D, Near coast of Central Chile

Table with columns: Code, Station Name, Az, El, P, PKP, SKP, SKPbc, Time, Res. Lists station codes and coordinates.

NEIC 27 21:48:54.4, 3059S-7126W, h65km, MD4.0(GUC), After GUC

GUC 27 21:48:54.4±0.6, 3059S-7126W, h65km±2km, MD4.0, ML4.2, 1C-4D, Near coast of Central Chile

Table with columns: Code, Station Name, Az, El, P, PKP, SKP, SKPbc, Time, Res. Lists station codes and coordinates.

NEIC 27 21:48:54.4, 3059S-7126W, h65km, MD4.0(GUC), After GUC

Table with columns: Code, Station Name, Az, El, P, PKP, SKP, SKPbc, Time, Res. Lists station codes and coordinates.

NIED 27 21:57:00, 2450N-12820E, h53km, Mw4.1 Best double couple: M=1.59000x10^15, N1=268.00000°, 873.00000°, lambda=19.00000°, NP2=333.00000°, 872.00000°, lambda=163.00000°

Table with columns: Code, Station Name, Az, El, P, PKP, SKP, SKPbc, Time, Res. Lists station codes and coordinates.

0.5nm,0.3s,SNR=4.0
EIBI Ibizaz 5.77 45 P Pn 01 10 43.6 -1.1
0.6nm,0.1s,SNR=4.0
EIBI Ibizaz 5.77 45 P Pn 01 10 43.6 -1.1

NEIC 28 01:14:51.3-0.7, 2186N; 11931E, h10km, mb3.8/2, Error ellipse: s-maj=22.4km s-min=11.2km az=89.0
IDC 28 01:14:54.5-1.0, 2167N; 12062E, h0km, mb3.8/6, mb1 4.0/6, mb1mx3.8/19, mbtmp3.8/6, MS3.5/2, Ms1 3.6/2, ms1mx2.8/25, Error ellipse: s-maj=72.4km s-min=19.8km az=70.0

ISCJB 28 01:14:55.6-1.6, 2162N; 12006E, 0.07, h33km, 18km, mb3.7/7, MS3.5/2, Error ellipse: s-maj=13.3km s-min=9.6km az=110.9
BUJ 28 01:14:58.2, 2174N; 12006E, h6km, ML3.8
NIED 28 01:15:00, 2160N; 12009E, h8km, Mw4.5, Best double couple: Ms5.49000-1.015; NP1.222 00000; 888.00000, -1.55.00000; NP2.215.00000, 835.00000, -1.176.00000.

ISC 28 01:14:58.6-3.2, 2167N; 005.5; 12006E; 0.06, h35km, 24km, n17, s106/21, mb3.7/7, MS3.5/2, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ninganchiao, Yeheng, Quanzhou, Taipei, Guangzhou, etc.

ISCJB 28 01:25:28.3-0.6, 578S; 0.07; 1339E; 0.1, h10km, mb4.5/5, Error ellipse: s-maj=15.6km s-min=9.1km az=143.5
IDC 28 01:25:29.5-1.7, 573S; 13387E, h0km, mb4.1/2, mb1 4.4/5, mb1mx4.1/13, mbtmp4.2/5, ML4.4/3, MS3.0/1, Ms1 3.0/1, ms1mx2.3/23, Error ellipse: s-maj=74.8km s-min=22.0km az=72.7

NEIC 28 01:25:33.9-0.7, 585S; 13388E, h35km, mb4.1/3, Error ellipse: s-maj=18.7km s-min=11.0km az=69.0
ISC 28 01:25:30.6-0.6, 578S; 0.07; 1339E; 0.1, h10km, n19, s115/20, mb4.5/5, Ari Islands region

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

IDC 28 01:34:47.3-4.3, 191S; 14030E, h0km, mb3.5/2, mb1 3.9/3, mb1mx3.7/12, mbtmp3.7/3, ML4.0/1, Error ellipse: s-maj=160.1km s-min=29.3km az=87.0, Irian Jaya region

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

ISCJB 28 01:37:20.4-0.9, 2300S; 0.04; 690W; 0.1, h93km, 10km, mb4.0/7, Error ellipse: s-maj=17.9km s-min=6.9km az=5.4
NEIC 28 01:37:21.6-0.6, 2293S; 6896W, h90km, 6km, mb4.0/3, Error ellipse: s-maj=11.2km s-min=6.0km az=82.0

IDC 28 01:37:23.6-0.9, 2294S; 6904W, h107km, 6km, mb4.0/5, mb1 4.0/7, mb1mx3.8/15, mbtmp3.8/7, Error ellipse: s-maj=34.8km s-min=17.8km az=86.0
ISC 28 01:37:21.9-0.7, 2300S; 0.04; 690W; 0.1, h92km, 8km, n31, s107/27, mb4.0/7, 2C, Northern Chile

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Coronel Fontan, Corneil Fontan, San Ignacio, etc.

NEIC 28 02:31:13.6, 3737S; 17666E, h194km, MG3.8(WEL), After WEL
WEL 28 02:31:13.7-0.5, 3737S; 17666E, h194km, 4km, ML3.7/17, 1D, Error ellipse: s-maj=7.1km s-min=6.0km az=90.0, North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Urewera, Matawai, Matakaoa Point, etc.

CSEM 28 02:36:56.8, 6718N; 2066E, h5km, ML3.6, Mining explosion, After UPP
UPP 28 02:36:56.8, 6718N; 2066E, h5km, ML3.6, 1D, Mining explosion, Sweden

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

KRSC 28 02:55:51.8-1.0, 5492N; 16550E, h41km, 41km, ML3.9, Komandorski Islands region

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

IDC 28 02:56:40.7-1.0, 2191N; 14315E, h0km, mb3.6/5, mb1 3.8/5, mb1mx3.7/19, mbtmp3.8/5, Error ellipse: s-maj=38.9km s-min=23.3km az=88.0, Mariana Islands region

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

IDC 28 02:57:34.5-1.0, 2188N; 14318E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.7/19, mbtmp3.7/5, Error ellipse: s-maj=42.3km s-min=23.6km az=87.0, Mariana Islands region

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

IDC 28 02:59:07.0-0.6, 2063S; 17398W, h0km, mb4.4/10, mb1 4.6/11, mb1mx4.5/17, mbtmp4.4/11, ML4.5/1, MS3.5/9, Ms1 3.5/9, ms1mx3.4/23, Error ellipse: s-maj=28.2km s-min=17.3km az=125.0

ISCJB 28 02:59:10.9-0.4, 2065S; 0.09; 17413W; 0.10, h35km, mb4.5/19, MS3.5/7, Error ellipse: s-maj=15.9km s-min=9.8km az=91.5
NEIC 28 02:59:13.3-3.4, 2068S; 17404W, h45km, 29km, mb4.6/10, Error ellipse: s-maj=12.5km s-min=9.6km az=149.0

ISC 28 02:59:12.5-0.4, 2071S; 0.09; 17402W; 0.10, h35km, n87, sNA4.9/7, mb4.5/19, MS3.5/7, 10C-4D, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Afiamalu, Raoul Island, Rarotonga, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SONM Songino Array, SONM Koldanda, MK31 Makanchi Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like NEIC 28 08:58:50.8, TRN 28 08:59:18.5, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GUVI Guiría, TCE Chacachacare, CRUV Carupano, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like NIED 28 09:07:00, JMA 28 09:07:55.3, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JTSR Tashiro 2, JTSR Tanegashima 3, JNAR Kuzuyama-Naru, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MAN 28 09:10:27.3, Code Station Name, Azimuth, Phase, ID, Time, Res.

ISCJB 28 09:15:04.6:0.7, 4359N,005.7546E,006,h10km, Error ellipse: s-maj=8.4km s-min=5.1km az=106.3

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TKM2 Tokmak 2, TKM2 Tokmak 2, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CHMS Chumysh, CHMS Chumysh, KBK Karagaybulak, etc.

NEIC 28 09:38:57.8:0.4, 2183N,12054E,h10km,mb4.4/4, Error ellipse: s-maj=13.6km s-min=7.8km az=77.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like NACB Ninganchiao, YHNB Yehong, YOJ Yonaguni jima, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like NACB Ninganchiao, YHNB Yehong, YOJ Yonaguni jima, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KSR5 Korea Array, LZH Lanzhou, LZH Lanzhou, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GTA, SONM Songino Array, SONM Prapat, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, WB2 Warramunga Arr, etc.

ISCJB 28 10:00:10.8:0.7, 6473N,003.308E,0.1,h0km, Error ellipse: s-maj=8.0km s-min=4.1km az=4.7

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KU6 Riekkii, KU6 Maasselka, MSF Kajaani, etc.

NEIC 28 09:38:57.8:0.4, 2183N,12054E,h10km,mb4.4/4, Error ellipse: s-maj=13.6km s-min=7.8km az=77.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KTK1 Kautkeino, KTK1 Kautkeino, ARA0 ARCESS Array S, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ARA0 ARCESS Array S, ARA0 ARCESS Array S, ARA0 ARCESS Array S, etc.

ISCJB 28 10:02:21.5:0.5, 1218S,006.4637E,0.09,h10km, mb4.0/18,MS3.6/8, Error ellipse: s-maj=12.1km s-min=9.2km az=13.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like OPO Ambohidratompo, OPO Ambohidratompo, OPO Ambohidratompo, etc.

28d 14h

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like LJU Ljubljana, KNDS Knezi Dol, BGLD Berchtesgaden, etc.

2006 DEC

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like WET Wetzell, SPAK Spaichingen-Ko, KHC Kasperske Hory, etc.

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Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like CDF Champ du Feu, MBDF Montbardon, CDF Champ du Feu, etc.

Table of station data for 917, including columns for station name, coordinates, and other parameters. Includes stations like Saint Nazaire, MSAG, SMRF, etc.

Table of station data for 2006 DEC, including columns for station name, coordinates, and other parameters. Includes stations like MFF, LDF, FLN, etc.

Table of station data for 28d 16h, including columns for station name, coordinates, and other parameters. Includes stations like IDC 28 15:06, IDC 28 15:27, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like FILF Bruguera, PAND Andorre, EJON La Jonquera, SALF Salau, etc.

WEL 28 17:38:20.9±0.2, 38975.17537E, h163km, ML3.6/18, 3D, Error ellipse: s-maj=3.1km s-min=2.0km az=90.0, North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TWVZ Taurewa, FVWZ Whakapapa, PKVZ Pokaka, etc.

CASC 28 18:05:47.1±1.2, 836N, 8287W, h3km, MD3.8, MW4.0, 1C-2D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DVD David, BRU2 Volcan, CNI Changuinola, etc.

JMA 28 18:06:21.9±0.7, 4642N, 153.11E, h30km, M4.3, ISCJB 28 18:06:22.8±1.3, 462N, 152.9E, h2, h3km, 1km, mb4.0/15, Error ellipse: s-maj=29.6km s-min=8.8km az=105.6

MOS 28 18:06:23.5±1.2, 4671N, 153.04E, h48km, mb4.5/4, Error ellipse: s-maj=17.1km s-min=13.9km az=99.0

NEIC 28 18:06:23.5±1.1, 4670N, 152.79E, h10km, mb4.7/3, Error ellipse: s-maj=11.8km s-min=11.8km az=157.0

IDC 28 18:06:29.2±1.1, 4635N, 152.77E, h70km, 58km, mb3.5/11, mb1.3/12, mb1mx3.5/23, mbtm3.5/12, ML3.5/1, Error ellipse: s-maj=64.8km s-min=22.8km az=174.0

ISC 28 18:06:25.5±1.2, 462N, 151.29E, h2, h3km, 90km, n41, e137/49, mb4.0/15, 1D, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KUR Kuril'sk, SKR Severo-Kuril's, NEM2 Nemuro 2, JNK Nakash, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JAK Akkeshi, JMK Maruseppu, JAR Ashorobuto, etc.

IDC 28 18:12:46.3±0.1, 659S, 14770E, h91km, 45km, mb3.4/3, mb1.3/5, mb1mx3.3/15, mbtm3.3/5, Error ellipse: s-maj=57.1km s-min=54.7km az=77.0, Eastern New Guinea region

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

IDC 28 18:26:50.7±2.0, 563N, 12247E, h0km, mb3.4/3, mb1.3/6/3, mb1mx3.3/20, mbtm3.3/4/3, Error ellipse: s-maj=255.0km s-min=25.1km az=63.0, Celebes Sea

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

IDC 28 18:49:52.6±6.0, 1781S, 17521W, h309km, 153km, mb3.4/4, mb1.3/5, mb1mx3.2/16, mbtm3.4/5, Error ellipse: s-maj=157.1km s-min=93.5km az=93.0, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AFI Afiamalu, AFI 4.1nm, 0.3s, baz=216, slow=8.7, SNR=8.0, etc.

NEIC 28 18:55:23.6±3.3, 641S, 13017E, h59km, 26km, mb4.3/2, Error ellipse: s-maj=32.3km s-min=20.7km az=221.0

IDC 28 18:55:26.4±2.6, 655S, 13005E, h82km, 38km, mb4.0/5, mb1.4/3, mb1mx4.1/14, mbtm3.4/2/8, Error ellipse: s-maj=55.6km s-min=16.8km az=73.0

ISCJB 28 18:55:28.2±2.2, 675.0, 1301E, h115km, 20km, mb4.1/7, Error ellipse: s-maj=31.2km s-min=15.4km az=149.4

ISC 28 18:55:26.8±2.3, 66S, 101E, h83km, 22km, n18, e112/20, mb4.1/7, Banda Sea

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CTAO Charters Tower, FORT Forrest, STKA Stephens Creek, etc.

NEIC 28 19:06:56.0±0.8, 5163N, 17470E, h10km, Error ellipse: s-maj=19.9km s-min=9.6km az=204.0

ISCJB 28 19:06:58.0±2.6, 516N, 03E, 1747E, h2, h3km, 18km, mb3.9/7, Error ellipse: s-maj=45.1km s-min=16.9km az=46.0

IDC 28 19:06:58.3±2.0, 5223N, 17459E, h0km, mb3.8/8, mb1.4/0/8, mb1mx3.7/24, mbtm3.8/8, Error ellipse: s-maj=57.3km s-min=23.9km az=4.0

ISC 28 19:06:58.1±5.7, 517N, 02E, 1747E, h2, h21km, 39km, n12, e055/11, mb3.9/7, Near Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SMY Shemya, AMKA Amchitka, YKA Yellowknife Arr, etc.

IDC 28 19:09:38.3±2.3, 653S, 12912E, h0km, mb3.6/1, mb1.3/5/3, mb1mx3.3/14, mbtm3.3/3, ML3.1/2, Error ellipse: s-maj=152.9km s-min=32.2km az=68.0, Banda Sea

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

ISCJB 28 19:11:16.5±4.8, 2185N, 008E, 12052E, h2km, 30km, mb4.0/19, MS3.2/3, Error ellipse: s-maj=14.1km s-min=12.2km az=73.9

MOS 28 19:11:19.4±0.8, 2193N, 12058E, h33km, mb4.3/2, Error ellipse: s-maj=23.3km s-min=13.9km az=115.2

NEIC 28 19:11:19.6±2.7, 2192N, 12058E, h21km, 20km, mb4.6/3, Error ellipse: s-maj=8.9km s-min=6.6km az=52.0

BUI 28 19:11:21.6, 2210N, 12016E, h7km, mb4.5, mb4.4, ML3.8, Ms4.2

IDC 28 19:11:22.3±0.7, 2183N, 12050E, h41km, 7km, mb3.7/14, mb1.3/9/15, mb1mx3.8/23, mbtm3.7/15, ML3.5/1, MS3.4/4, Ms1.3/4/4, ms1mx2.9/40, Error ellipse: s-maj=24.7km s-min=11.9km az=69.0

ISC 28 19:11:18.4±5.3, 2191N, 008E, 12055E, h0km, 11km, 33km, h2km, 4.2km, pP, n35, e086/35, mb4.0/19, MS3.2/3, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NACB Ninganchiao, YHNB Yeheng, TATO Taipei, etc.

ISCJB 28 19:12:20.0±0.6, 2185N, 12058E, h33km, mb4.3/2, Error ellipse: s-maj=23.3km s-min=13.9km az=115.2

NEIC 28 19:11:19.6±2.7, 2192N, 12058E, h21km, 20km, mb4.6/3, Error ellipse: s-maj=8.9km s-min=6.6km az=52.0

BUI 28 19:11:21.6, 2210N, 12016E, h7km, mb4.5, mb4.4, ML3.8, Ms4.2

IDC 28 19:11:22.3±0.7, 2183N, 12050E, h41km, 7km, mb3.7/14, mb1.3/9/15, mb1mx3.8/23, mbtm3.7/15, ML3.5/1, MS3.4/4, Ms1.3/4/4, ms1mx2.9/40, Error ellipse: s-maj=24.7km s-min=11.9km az=69.0

ISC 28 19:11:18.4±5.3, 2191N, 008E, 12055E, h0km, 11km, 33km, h2km, 4.2km, pP, n35, e086/35, mb4.0/19, MS3.2/3, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NACB Ninganchiao, YHNB Yeheng, TATO Taipei, etc.

28d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details like HAU, VIV, NOA, etc.

CASC 28 19:51:43.32.7, 1159N, 8727W, h36km, 999km, MD3.5, ML3.4, 7C-8D, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details for CASC stations.

ISCJB 28 19:52:43.6.0.8, 532N, 02:354W, 02, h10km, mb3.8/12, MS3.1/4, Error ellipse: s-maj=25.5km s-min=12.0km az=28.9

ICD 28 19:52:43.8.1.0, 5319N, 3540W, h0km, mb3.7/10, mb1.3, 3/11, mb1mx3.7/25, mbtmp4.0/17, ML2.5/1, MS3.2/4, Ms1.3/0.4, ms1mx2.9/27, Error ellipse: s-maj=34.3km s-min=16.9km az=22.0

CSEM 28 19:52:45.3, 5318N, 3543W, h10km, mb4.0/1, After NEIC NEIC 28 19:52:45.3.0.6, 5318N, 3543W, h10km, mb4.0/1, Error ellipse: s-maj=21.0km s-min=10.4km az=193.0

ISC 28 19:52:45.3.0.8, 532N, 02:354W, 02, h10km, n24, c0974/17, mb3.8/12, MS3.1/4, Reykjanes Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details for ISC stations.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details for FINES, KEST, YKA, etc.

JMA 28 19:57:42.4.0.4, 2684N, 13187E, h54km, M3.5, Southeast of Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details for JMA stations.

KRSC 28 20:06:33.0.1.0, 5078N, 15794E, h10km, 10km, ML3.5, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details for KRSC stations.

MAN 28 20:09:35.8, 864N, 12752E, h91km, mb3.6, ML4.7, MS5.7, IC, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details for MAN stations.

ISCJB 28 20:44:14.1.0.7, 4301N, 004:153W, 004, h12km, 5km, Error ellipse: s-maj=7.3km s-min=4.8km az=123.0

LDG 28 20:44:14.7.0.1, 4302N, 156W, h2km, Md2.2/2, Ml2.1/1, Error ellipse: s-maj=2.1km s-min=1.6km az=63.0

MDD 28 20:44:15.7.0.1, 4302N, 151W, h0km, mblG1.4/10, Error ellipse: s-maj=1.9km s-min=1.0km az=107.0, PRXIMO STR 28 20:44:15.1.0.5, 4354N, 123W, h5km, 1km, Ml2.2, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

ISC 28 20:44:14.7.0.7, 4303N, 004:153W, 005, h12km, 6km, n22, c036/31, 1D, Pyrenees

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details for ISC stations.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details for ELAN, ESAC, ETOR, etc.

Table with columns: BRTR, Keskin Array B, 79.42 318 P, 21 00 19.0 +1.6, etc.

NEIC 28 20:54:17.8, 41 46N-25.39E, h4km, MD3.1 (ATH), ML2.6 (THE), After ATH.

ATH 28 20:54:17.8, 41 46N-25.39E, h4km, MD3.1/3, Error ellipse: s-maj=11.5km s-min=1.0km az=47.7

CSEM 28 20:54:18.5, 0.2, 41 17N-25.48E, h20km, ML2.5, Error ellipse: s-maj=5.0km s-min=3.9km az=24.0

THE 28 20:54:19.9, 41 41N-25.00E, h21km, ML2.5

ISC 28 20:54:17.3, 0.8, 41 45N-00.05E, 2540E, h15km, 11km, n10, c1502/14, Greece-Bulgaria border region

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

ISC 28 20:55:23.9, 3.9, 333N-127.27E, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.5/18, mbtmp3.7/3, Error ellipse: s-maj=174.0km s-min=57.9km az=74.0, Talaud Islands

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

ISC 28 21:03:22.4, 3.6, 370N-03.720E, h0, h163km, 31km, n6, c1516/8, Afghanistan-Tajikistan border region

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

NEIC 28 21:26:56.9, 5123N-17833W, h25km, ML3.5(AEIC), After AEIC., Andreev Islands

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

ISCJTB 28 21:29:56.7, 2.8, 158S-0.8x172.2W, h0, h35km, mb4.2/6, Error ellipse: s-maj=137.6km s-min=29.2km az=106.8

ISC 28 21:29:56.4, 3.2, 1430S-17324W, h0km, mb4.1/5, mb1 4.3/5, mb1mx4.1/15, mbtmp4.1/5, Error ellipse: s-maj=140.0km s-min=33.8km az=137.0

ISC 28 21:29:58.1, 3.0, 157S-09.1721W, h0, h35km, n8, c0590/8, mb4.2/6, Samoa Islands region

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

NEIC 28 22:02:50.9, 0.7, 312S-128.48E, h35km, mb4.0/4, Error ellipse: s-maj=31.6km s-min=11.0km az=60.0

ISC 28 22:03:03.0, 0.9, 341S-128.83E, h159km, 9km, mb3.3/2, mb1 3.6/3, mb1mx3.3/16, mbtmp3.4/3, Error ellipse: s-maj=120.8km s-min=24.4km az=66.0

ISCJTB 28 22:03:05.6, 3.3, 34S-02-1287E, h210km, 34km, mb3.5/4, Error ellipse: s-maj=38.3km s-min=20.3km az=127.6

ISC 28 22:03:02.8, 2.6, 34S-01x1286E, h0, h159km, 26km, n11, c0855/12, mb3.6/4, Seram

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

Table with columns: IDC 28 22:08:10.4, 4.2, 4856N-14984E, h0km, mb3.7/3, mb1 3.7/3, mb1mx3.4/20, mbtmp3.7/3, MS4.2/1, Ms1 4.2/1, ms1mx2.7/27, Error ellipse: s-maj=15.0km s-min=53.6km az=4.0, Northwest of Kuril Islands

WEL 28 22:08:58.0, 0.2, 373S1-17678E, h197km, 2km, ML6.6/11, 2D, Error ellipse: s-maj=3.6km s-min=3.0km az=90.0, North Island

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

ISCJTB 28 22:31:20.3, 2.2, 68S-02-15523E, h0, h105km, 23km, mb3.4/6, Error ellipse: s-maj=29.3km s-min=11.8km az=171.5

ISC 28 22:31:20.8, 13.0, 682S-15523E, h99km, 11km, mb3.4/5, mb1 3.6/5, mb1mx3.5/14, mbtmp3.4/5, MS2.8/3, Ms1 2.8/3, ms1mx2.7/17, Error ellipse: s-maj=72.2km s-min=40.3km az=129.0

NEIC 28 22:31:21.7, 1.2, 685S-15526E, h109km, 13km, mb3.9/1, Error ellipse: s-maj=19.8km s-min=9.7km az=165.0

ISC 28 22:31:21.6, 1.8, 68S-02-15524E, h0, h104km, 19km, n17, c0596/13, mb3.4/6, Bougainville - Solomon Islands region

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

ISCJTB 28 22:41:31.7, 0.5, 4735N-002-678E, h0, h7km, 4km, Error ellipse: s-maj=4.7km s-min=2.9km az=38.2

STR 28 22:41:33.9, 0.6, 4741N-692E, h5km, 1km, M11.8, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 28 22:41:33.9, 0.1, 4740N-688E, h7km, Md2.1/3, M2.1/15, Error ellipse: s-maj=1.1km s-min=0.7km az=132.0

ISC 28 22:41:33.0, 0.5, 4737N-002-684E, h0, h16km, 4km, n27, c0667/42, France

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

Table with columns: AVF, 0.6m, 0.3s, eSg, Sg, 22 42 51.6 -0.2, etc.

NSSP 28 22:52:18.6, 41 20N-4385E, h10km, ML3.3

TIF 28 22:52:19.6, 41 17N-4387E, h15km, 1km

CSEM 28 22:52:19.4, 0.2, 41 12N-4383E, h1km, 1km, MD4.0, Error ellipse: s-maj=2.4km s-min=1.3km az=25.0

ISCJTB 28 22:52:20.2, 0.2, 41 23N-001-4388E, h0, h10km, mb3.8/1, Error ellipse: s-maj=3.0km s-min=1.9km az=12.3

NEIC 28 22:52:23.1, 41 17N-4357E, h2km, mb3.8/1, MD4.0(ISK), After ISK

ISC 28 22:52:23.1, 41 17N-4357E, h2km, MD4.0

MSK 28 22:52:37.1, 0.7, 4213N-4383E, h10km, mb4.3/1, Error ellipse: s-maj=51.8km s-min=10.6km az=79.1

ISC 28 22:52:20.7, 0.3, 41 19N-001-4389E, h0, h10km, n39, c1917/64, mb3.8/1, 7D, Turkey-Georgia-Armenia border region

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

ISCJTB 28 22:52:25.0, 0.6, 3929N-002-2421E, h0, h18km, 6km, Error ellipse: s-maj=6.9km s-min=3.9km az=18.2

SOF 28 22:52:24.7, 3939N-2424E, h14km, MD3.6

ATH 28 22:52:24.4, 3928N-2418E, h26km, 1km, MD3.1/11, ML3.1

CSEM 28 22:52:25.6, 0.1, 3927N-2419E, h20km, ML2.8, Error ellipse: s-maj=2.1km s-min=1.6km az=114.0

THE 28 22:52:25.4, 3929N-2419E, h11km, ML2.8

NEIC 28 22:52:25.4, 3929N-2419E, h12km, ML2.9 (THE), ML3.1 (ATH), After THE

ISC 28 22:52:24.6, 0.6, 3929N-002-2418E, h0, h12km, 4km, n35, c0596/48, Aegean Sea

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

29d 2h

Table with columns: PLD, VTS, Plovdiv, Vitoshka, 2.84, 8, Pg, Pn, 25 23 20.4, +1.4, 25 23 17.0, -0.1

NEIC 28 23:17:36.3, 1696N-9557W, h97km, MD3.7(MEX), After MEX. MEX 28 23:17:36.1±0.9, 1695N-9556W, h99km±12km, MD3.7, Oaxaca

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like Matias Romero, Oaxaca, Vista Hermosa, Huatulco, Pinotepa, Comitan.

ISCJCB 28 23:40:23.6±7.2, 77S:02:1182E:02, h15km, 4.7km, mb3.9/6, Error ellipse: s-maj=44.6km s-min=11.2km az=110.1. IDC 28 23:40:23.4±1.9, 776S:118.10E, h0km, mb3.6/3, mb1 3.8/5, mb1mx3.6/18, mbtmp3.6/5, ML3.6/2, Error ellipse: s-maj=103.4km s-min=13.9km az=49.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like Fitzroy Crossi, Kinabalu, Warramunga Arr, Alice Springs, Charters Tower, Stephens Creek, Lhasa, Songoing Array, Makanchi Array, Kuratov, Borovoye.

ISCJCB 28 23:57:21.3±0.4, 4483N:002:843E:003, h18km, 4km, Error ellipse: s-maj=3.7km s-min=3.5km az=141.7. NEIC 28 23:57:21.2, 4477N:841E, h10km, ML2.1(ROM), ML2.4(STR), ML2.5(LDG), After ROM. ROM 28 23:57:21.2±0.2, 4477N:841E, h10km, Md2.4/6, Ml2.1/5, Error ellipse: s-maj=3.2km s-min=1.9km az=18.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like Pian Castagno, Moncuoco Torin, Finale Ligure, Roburent, Bobbio (Coli), MONE, San Damiano, Scurtabr, Entraque, Oro, Sta Anna Valdi, Prazzo, Saorge, L'Aution, Negi, Mont Tourmerai, Sospel, Cesana Torines, Luceram, Montbardon, Revere, La Plagne, Sasso Rosso, La Foret Royal.

2006 DEC

Table with columns: FFRF, 14nm,0.2s,SNR=1.0, 1.76 227 ePn Pn, 23 58 17.2, -1.0

Table with columns: FFRF, 7.1nm,0.2s,SNR=1.0, 1.81 275 ePn Pn, 23 57 52.5, -4.8. Includes stations like La Foret Royal, Oris-en-Rattie, Magasa, La Moure, Simiane la Rot, Pioggiola, Cabf, VIVF, HINP, LASF, HAU, SMF, CDF, LOR, AVF, SSF, BGF, NVLJ, NVLU.

NEIC 29 00:01:05.9±0.6, 639S:131.20E, h35km, mb3.8/2, Error ellipse: s-maj=15.6km s-min=9.6km az=76.0. ISCJCB 29 00:01:11.7±2.9, 672S:008:1313E:01, h120km±32km, mb3.6/2, Error ellipse: s-maj=19.0km s-min=13.5km az=29.2

IDC 29 00:01:12.0±1.0, 672S:131.31E, h11km±12km, mb3.1/1, mb1 3.7/4, mbtmp3.4/13, mbtmp3.5/4, ML.4.1/3, Error ellipse: s-maj=74.8km s-min=15.5km az=44.0. ISC 29 00:01:13.1±2.8, 685S:01:1313E:01, h118km±31km, n9, 0562/13, mb3.6/2, Tanimbar Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like Fitzroy Crossi, Warramunga Arr, Port Moresby, Alice Springs, Kuratov, Makanchi Array, Kuratov, Borovoye.

UPP 29 00:19:06.9, 6782N:20.19E, h0km, ML3.3, Mining explosion. CSEM 29 00:19:06.9, 6782N:20.19E, h0km, ML3.3, Mining explosion. After UPP, Sweden

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like Niku, LANU, DUNU, MASU, PAJU, HARAD, MASU, SALU.

CSEM 29 00:19:16.1, 6782N:20.22E, h5km, ML3.0, Mining explosion. After UPP. UPP 29 00:19:16.1, 6782N:20.22E, h5km, ML3.0, Mining explosion. HEL 29 00:19:16.5±0.1, 6783N:20.22E, h0km, ML3.0(UPP), Explosion, Sweden

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like KUA, KUKA, NIKU, LANU, DUNU, MASU, PAJU, HARAD, MASU, SALU.

924

Table with columns: SALU, Kilpisjarvi, 1.20 10 eS Pn, 00 19 41.4, -0.7

Table with columns: SALU, Kilpisjarvi, 1.20 10 eS Pn, 00 19 41.4, -0.7. Includes stations like PAJU, HARAD, WARRAMUNGA ARR, ASAR, MKAR.

IDC 29 00:57:17.7±2.0, 115N:12621E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.4/16, mbtmp3.4/3, Error ellipse: s-maj=174.5km s-min=26.0km az=65.0, Northern Molucca Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like KUA, KUKA, LANU, DUNU, MASU, SALU, KIF, PAJU, SGF, KEV.

SKHL 29 01:28:05.1±1.2, 4710N:14230E, h5km, mb3.9/1, 1C, Sakhalin Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like YSS, UGL, TYV, GRNR, EKMR.

ISCJCB 29 01:57:19.3±1.1, 3864N:006:1419E:01, h60km±7km, mb3.7/4, Error ellipse: s-maj=17.7km s-min=8.7km az=44.2. JMA 29 01:57:20.2, 3862N:14190E, h47km±1km, M3.4

IDC 29 01:57:42.2±2.2, 3780N:13901E, h190km±14km, mb3.0/2, mb1 3.2/2, mbtmp2.8/21, mbtmp3.0/2, Error ellipse: s-maj=51.1km s-min=25.3km az=56.0. NEIC 29 01:57:43.0±1.1, 3779N:13891E, h194km±9km, mb3.6/2, Error ellipse: s-maj=21.1km s-min=17.3km az=74.0

ISC 29 01:57:20.2±1.1, 3864N:006:1419E:01, h53km±8km, n19, 0587/27, mb3.7/4, 8D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like JIO, OFUJ, JMK, JOM, JOU, JMM, JYK, JYU, JFK, MJAR, MJAR, MAJO, MAT, JMK, KURK, BRVK, CTAO, WRA.

ISCJCB 29 02:06:20.0±0.4, 3938N:002:2348E:004, h1km, Error ellipse: s-maj=4.5km s-min=3.3km az=146.3. THE 29 02:06:20.5, 3931N:2350E, h13km, ML1.8. CSEM 29 02:06:20.9±0.1, 3939N:2347E, h1km±1km, ML3.1, Error ellipse: s-maj=2.7km s-min=2.0km az=97.0

NEIC 29 02:06:21.2, 3935N:2345E, h4km, ML3.1(ATH), After ATH. ATH 29 02:06:21.2, 3935N:2345E, h4km, MD2.9/8, ML3.1. ISC 29 02:06:20.6±0.5, 3936N:003:2347E:004, h2km±6km, n19, 0566/27, Aegean Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like NEO, XOR, AOS, AOS.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Obninsk, Klimovskoe, Papeete, etc.

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

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

NIED 29 06:28:00, 3100N, 131 20E, h39km, Mw4.1 Best double couple: M1.37000-1.015, NP1.224.00000, s87.00000, s-86.00000, NP2.349.00000, s4.00000, s-4.145.00000.

ISC 29 06:28:48.4z, 2.0, 3042N, 131.14E, h0km, mb4.0/1, mb1.4/1.3, mb1mx4.0/26, mbtmp3.9/13, ML7.3, MS3.3/3, Ms1.3/3.3, ms1mx2.9/32, Error ellipse: s-maj=46.9km, s-min=26.4km, az=180.0.

ISCJB 29 06:28:56.9z, 0.7, 3094N, 131.21E, h08, h53km, 4km, mb3.9/11, MS3.0/1, Error ellipse: s-maj=12.1km, s-min=6.9km, az=21.4.

JMA 29 06:28:58.1z, 0.1, 3098N, 131.21E, h37km, mb3.8/1, After JMA, Feat 1 J1.

NEIC 29 06:28:58.0z, 0.6, 3094N, 131.19E, h08, h47km, 4km, n24, e670/30, mb3.9/11, MS3.0/1, 1C-4D, Kyushu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like JTSR, JTSR, Tanegashima 3, etc.

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

ISC 29 06:47:02.6z, 1.5, 2316N, 143.85E, h0km, mb3.1/3, mb1.3/4/3, mb1mx3.2/18, mbtmp3.9/3.0, Error ellipse: s-maj=56.8km, s-min=31.9km, az=192.0, Volcano Islands region

ISCJB 29 07:10:29.1z, 1.2, 208S, 0.1z, 178.7W, 0.1, h537km, 19km, mb4.1/12, Error ellipse: s-maj=21.3km, s-min=11.6km, az=83.9.

ISC 29 07:10:31.6z, 1.7, 2068S, 17867W, h56km, 19km, mb3.4/9, mb1.3/6/11, mb1mx3.5/16, mbtmp3.4/11, Error ellipse: s-maj=18.9km, s-min=13.9km, az=130.0.

NEIC 29 07:10:31.5z, 1.2, 2079S, 17857W, h56km, 15km, mb4.6/2, Error ellipse: s-maj=20.1km, s-min=13.1km, az=140.0.

ISC 29 07:10:30.5z, 1.0, 208S, 0.1z, 1785W, 0.1, h545km, 15km, n24, e1712/22, mb4.1/12, 4D, Fiji Islands region

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

ISC 29 07:20:37.0z, 0.9, 1252N, 141.63E, h0km, mb3.9/7, mb1.4/0.7, mb1mx3.8/21, mbtmp3.9/7, Error ellipse: s-maj=49.1km, s-min=21.9km, az=88.0, South of Mariana Islands

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

ISC 29 07:31:23.6z, 1.0, 4.67N, 94.71E, h0km, mb4.0/12, mb1.4/1/2, mb1mx3.9/23, mbtmp3.9/12, MS3.1/2, Ms1.3/1.2, ms1mx2.6/26, Error ellipse: s-maj=39.9km, s-min=17.7km, az=49.0.

NEIC 29 07:31:28.0z, 0.6, 4.63N, 94.61E, h30km, mb4.4/1, Error ellipse: s-maj=21.0km, s-min=7.5km, az=221.0.

ISCJB 29 07:31:31.0z, 0.2, 6.48N, 0.1z, 94.8E, 0.1, h68km, 23km, mb3.9/13, Error ellipse: s-maj=23.9km, s-min=14.3km, az=93.5.

ISC 29 06:33:51.5z, 0.7, 3764N, 0.0z, 255W, 0.03, h10km, 4km, Error ellipse: s-maj=6.0km, s-min=3.5km, az=129.8.

CSEM 29 06:33:51.8z, 0.2, 3747N, 241W, h1km, 1km, ML3.0/15, Error ellipse: s-maj=5.2km, s-min=2.7km, az=149.0.

MDD 29 06:33:52.1z, 0.5, 3750N, 243W, h0km, mbL2.7/14, Error ellipse: s-maj=4.4km, s-min=3.1km, az=135.0, PRXIMO

INMG 29 06:33:52.3z, 1.1, 3750N, 245W, h5km, 2km, ML2.5, Error ellipse: s-maj=2.4km, s-min=1.5km, az=132.0.

NEIC 29 06:33:52.2z, 37.49N, 244W, h3km, MN2.7(MDD), After MDD.

ISC 29 06:33:52.0z, 0.6, 3758N, 0.0z, 250W, 0.03, h8km, 3km, n61, e102/103, Spain

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with 4 columns: THZ, Tophouse, 3.19 236 eP, Pn, 10 36 27.0 -2.1

ISCJB 29 11:08:12.2.1.1, 2989N, 005.3622E, 006, h0km, Error ellipse: s-maj=9.3km s-min=6.2km az=88.1

HLW 29 11:08:15.2, 3004N, 3621E, h9km, Mb2.9

ISC 29 11:08:12.7.1.1, 2991N, 006.3624E, 007, h0km, n19, c090/25, 3C-2D, Western Arabian Peninsula

Table with 10 columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC

IDC 29 11:39:13.2.1.3, 283S, 12997E, h0km, mb3.9/4, mb1 4/1, 6, mb1mx3.9/17, mbtmp3.9/6, ML3.8/2, MS2.9/1, M1 2.9/1, ms1mx2.3/23, Error ellipse: s-maj=86.1km s-min=21.3km az=72.0

ISCJB 29 11:39:14.1.5.8, 29S, 0.1x1300E, 0.3, h22km, 42km, mb3.8/3, Error ellipse: s-maj=61.8km s-min=14.2km az=142.6

NEIC 29 11:39:14.6.0.9, 290S, 12996E, h10km, Error ellipse: s-maj=42.14km s-min=11.4km az=73.0

ISC 29 11:39:13.8.5.5, 29S, 0.1x1300E, 0.3, h4km, 35km, n9, c060/10, mb3.9/4, Seram

Table with 10 columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC

CSEM 29 11:46:09.3.0.9, 3873N, 2892W, h0km, 10km, ML2.2, Error ellipse: s-maj=11.1km s-min=3.3km az=91.0

PDA 29 11:46:09.3.0.9, 3873N, 2892W, h0km, 10km, MD3.0, ML2.2, Error ellipse: s-maj=11.1km s-min=3.3km az=91.0

SVSA 29 11:46:09.3.0.9, 3873N, 2892W, h0km, 10km, MD3.0, ML2.2, Error ellipse: s-maj=11.1km s-min=3.3km az=91.0

Table with 10 columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC

PICO Pico 0.45 120 eP Pg 11 46 17.8 -0.1

PBOI Pico dos Bois 0.52 124 eP Pg 11 46 18.5 -0.7

PMAN Manadas 0.66 98 eP Pg 11 46 21.1 -0.8

PMAN Manadas 0.66 98 eP Pg 11 46 21.1 -0.8

IDC 29 12:08:03.4.5.0, 3640N, 7091E, h224km, 46km, mb3.2/9, mb1 3.4/12, mb1mx3.2/25, mbtmp3.3/12, Error ellipse: s-maj=26.0km s-min=18.3km az=19.0

MOS 29 12:08:04.2.1.1, 3661N, 7044E, h240km, mb4.0/1, Error ellipse: s-maj=18.3km s-min=9.2km az=88.6

ISCJB 29 12:08:05.0.2.0, 3661N, 004.7100E, 008, h248km, 8km, mb3.3/8, Error ellipse: s-maj=11.1km s-min=5.9km az=133.9

NEIC 29 12:08:06.3.0.7, 3664N, 7096E, h244km, 8km, mb4.5/7, Error ellipse: s-maj=10.5km s-min=6.6km az=62.0

BUI 29 12:08:06.7, 3688N, 7084E, h230km, mb4.1, Error ellipse: s-maj=11.1km s-min=5.9km az=133.9

ISC 29 12:08:06.3.0.7, 3665N, 004.7099E, 008, h243km, 8km, n38, c095/44, mb3.3/8, Hindu Kush region

Table with 10 columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC

Table with 4 columns: SDNR, Sundarnagar, 7.14 134 eP, Pn, 12 09 49.0 +4.0

Table with 4 columns: KLP, Kalpa, 7.89 128 eP, S, 12 10 06.6 +4.6

Table with 4 columns: JOSI, Joshimath, 9.38 128 eP, S, 12 10 17.8 +0.8

Table with 4 columns: NDI, New Delhi, 9.52 145 eP, S, 12 11 51.0 -1.5

Table with 4 columns: MK31, Makanchi Array, 13.18 36 eP, P, 12 11 04.1 -0.5

Table with 4 columns: MKAR, Makanchi Array, 13.18 36 eP, P, 12 11 04.1 +0.1

Table with 4 columns: KOLN, Koldanda, 13.86 126 eP, Pn, 12 11 12.8 -0.1

Table with 4 columns: GDN, Gorkha, 14.39 123 eP, Pn, 12 11 19.3 0.0

Table with 4 columns: KKN, Kakani, 14.96 122 eP, Pn, 12 11 26.4 +0.2

Table with 4 columns: KKK, Kakani, 14.96 122 eP, Pmax, 12 11 26.4 +0.2

Table with 4 columns: KURK, Kurchatov, 15.09 19 eP, Pmax, 12 11 26.6 -1.2

Table with 4 columns: KURK, Kurchatov, 15.09 19 eP, Pn, 12 11 26.6 -1.3

Table with 4 columns: PKI, Pulchoki, 15.19 122 eP, Pn, 12 11 30.4 +1.4

Table with 4 columns: GSI, Gumba, 15.30 120 eP, Pn, 12 11 30.9 +0.6

Table with 4 columns: JIRN, Jiri, 15.67 121 eP, Pn, 12 11 35.6 +0.9

Table with 4 columns: BVAR, Borovoye Array, 16.38 359 P, P, 12 11 43.0 +1.4

Table with 4 columns: BRVK, Borovoye, 16.42 358 eP, Pmax, 12 11 40.9 -1.2

Table with 4 columns: BRVK, Borovoye, 16.42 358 eP, P, 12 11 40.9 -1.2

Table with 4 columns: AKTK, Aktyubinsk, 16.65 330 P, P, 12 11 45.4 +0.8

Table with 4 columns: AKTO, Aktyubinsk, 16.65 330 P, P, 12 11 45.4 +0.8

Table with 4 columns: ZAL, Zalesovo, 19.77 25 P, P, 12 12 18.9 +0.6

Table with 4 columns: NVS, Novosibirsk, 20.05 21 eP, Pmax, 12 12 21.2 0.0

Table with 4 columns: NVS, Novosibirsk, 20.05 21 eP, Pmax, 12 12 21.2 0.0

Table with 4 columns: FINES, FINESS Array B, 37.36 326 P, P, 12 14 55.6 0.0

Table with 4 columns: ARCES, ARCESS Array B, 41.01 338 P, P, 12 15 25.6 -0.2

Table with 4 columns: NOA, NORARS Array B, 44.26 323 P, P, 12 15 51.1 -0.8

Table with 4 columns: TORI, Tori Ar, Beas, 65.71 269 S, P, 12 18 24.0 -1.0

Table with 4 columns: INK, Inuvik, 73.76 9 P, P, 12 19 14.3 +0.3

Table with 4 columns: INK, Inuvik, 73.76 9 P, P, 12 19 14.3 +0.3

Table with 4 columns: YKA, Yellowknife Ar, 81.10 3 P, P, 12 19 54.3 -0.2

Table with 4 columns: WRA, Warramunga Arr, 82.07 122 P, P, 12 19 58.6 -0.9

Table with 4 columns: ASAR, Alice Springs, 84.34 125 P, P, 12 20 10.0 -1.1

Table with 4 columns: ASAR, Alice Springs, 84.34 125 P, P, 12 20 10.0 -1.1

Table with 4 columns: MEX 29 12:38:51.5.0.9, 1815N, 10335W, h8km, 6km, MD3.7, Near coast of Michoacan

Table with 10 columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC

Table with 10 columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC

Table with 10 columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC

Table with 10 columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC

Table with 4 columns: HILG, Hillesheim, 1.18 174 eP, Pg, 12 53 42.3 +1.2

Table with 4 columns: BCLA, Clavier, 1.29 216 iP, P, 12 53 44.5 +1.2

Table with 4 columns: BCLA, Clavier, 1.29 216 P, Pg, 12 53 44.5 +1.2

Table with 4 columns: BGG, Burgeitz, 1.37 157 eP, Pg, 12 53 44.7 -0.1

Table with 4 columns: SNF, Senefee, 1.70 237 P, Pn, 12 53 50.9 +1.5

Table with 4 columns: SNF, Senefee, 1.70 237 P, Pn, 12 53 50.9 +1.5

Table with 4 columns: GIVF, Givet, 1.73 219 eP, Pn, 12 53 51.4 +0.5

Table with 4 columns: GIVF, Givet, 1.73 219 eP, Pn, 12 53 51.4 +0.5

Table with 4 columns: GIVF, Givet, 1.73 219 eP, Pn, 12 53 51.4 +0.5

Table with 4 columns: GIVF, Givet, 1.73 219 eP, Pn, 12 53 51.4 +0.5

Table with 4 columns: GIVF, Givet, 1.73 219 eP, Pn, 12 53 51.4 +0.5

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Table with 4 columns: GIVF, Givet, 1.73 219 eP, Pn, 12 53 51.4 +0.5

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Table with 4 columns: GIVF, Givet, 1.73 219 eP, Pn, 12 53 51.4 +0.5

Table with 4 columns: GIVF, Givet, 1.73 219 eP, Pn, 12 53 51.4 +0.5

Table with 4 columns: GIVF, Givet, 1.73 219 eP, Pn, 12 53 51.4 +0.5

Table with columns: BGF, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res. Includes stations like Bois d'Agland, GRR, GRR, TCF, etc.

IDC 29 12:59:40.9, 1.3, 913S, 122411E, h0km, mb3.9/1, mb1 3.9/6, mb1mx3.7/16, mbtmp3.7/6, ML3.5/3, MS2.7/1, Ms1 2.7/1, ms1mx2.4/21, Error ellipse: s-maj=118.5km s-min=22.3km az=62.0

ISCJB 29 12:59:42.2, 1.0, 978S, 009:1219E.01, h35km, mb4.0/3, Error ellipse: s-maj=19.1km s-min=8.7km az=104.6

ISC 29 12:59:44.0, 0.9, 970S, 010:1219E.01, h35km, n8, a=1502/12, mb4.0/3, Savu Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res. Includes stations like FITZ, FITZ, FITZ, KAKA, KAKA, WRA, WRA, WB2, WB2, ASAR, ASAR, ASAR, SONM, SONM, MKAR, MKAR, ZAL, ZAL.

MAN 29 13:41:11.3, 693N, 12514E, h13km, mb2.6, ML4.1, MS3.5, 1C, Mindanao

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res. Includes stations like KCP, KCP, KCP, MUSAN, MUSAN, MATI, MATI.

KRSC 29 13:46:43.2, 0.5, 4916N, 15553E, h5km, 5km, ML3.5, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res. Includes stations like ALID, ALID, GRL, GRL, RUS, RUS, AVH, AVH, GNL, GNL.

CSEM 29 13:54:47.0, 2.0, 3547N, 372W, h30km, MD2.6, Error ellipse: s-maj=5.3km s-min=4.1km az=74.0

ISCJB 29 13:54:48.4, 0.5, 3552N, 003:375W, 004, h25km, 7km, Error ellipse: s-maj=6.3km s-min=4.7km az=86.2

MDD 29 13:54:49.4, 0.7, 3553N, 369W, h16km, 9km, mb4.0/4, Error ellipse: s-maj=7.5km s-min=4.1km az=117.0, PRXIMO

CNRM 29 13:54:50.5, 3549N, 365W, h15km, MD2.6

ISC 29 13:54:48.0, 0.6, 3552N, 003:372W, 004, h22km, 8km, n19, a=1501/36, Strait of Gibraltar

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res. Includes stations like MPAL, MPAL, TOU, TOU, EMEL, EMEL, EMEL, EMEL, EALB, EALB, EALB, EALB, ZAI, ZAI, EGUA, EGUA, EMIJ, EMIJ, TZK, TZK, EBER, EBER, EQU, EQU, EQES, EQES, EQES, EQES, EADA, EADA, EMIN, EMIN, EMIN, EMIN, EGRO, EGRO, EGRO, EGRO.

az=82.0

ISCJB 29 14:20:29.9, 1.3, 466N, 02:1497E.03, h35km, mb3.6/4, Error ellipse: s-maj=36.3km s-min=20.9km az=86.8

MOS 29 14:20:29.8, 0.4, 4660N, 14973E, h33km, mb4.0/1, Error ellipse: s-maj=66.1km s-min=38.6km az=75.0

ISC 29 14:20:31.9, 1.3, 466N, 02:1498E.03, h35km, n7, a=2520/6, mb3.6/4, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res. Includes stations like SKR, SKR, SONM, SONM, TGY, TGY, FINES, FINES, FINES, FINES, NOA, NOA, ASAR, ASAR.

IGQ 29 14:20:55.4, 140S, 8089W, h12km, 6km, Mb4.1, Ms3.9, 5C-3D, Error ellipse: s-maj=9.9km s-min=3.6km az=9.9, Near coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res. Includes stations like CHIS, CHIS, JAMA, JAMA, MAGI, MAGI, IGUA, IGUA, ARRY, ARRY, RETU, RETU, PATA, PATA, RUNS, RUNS, ULBA, ULBA, CAMI, CAMI, PISA, PISA, JU2A, JU2A, ANTI, ANTI, VCI, VCI, TAM, TAM, YANA, YANA, ANTI, ANTI, COTA, COTA, CAYA, CAYA.

IDC 29 14:43:59.6, 2.0, 673S, 12977E, h0km, mb3.9/1, mb1 3.5/4, mb1mx3.5/15, mbtmp3.4/4, ML3.3/3, Error ellipse: s-maj=79.5km s-min=26.9km az=77.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res. Includes stations like FITZ, FITZ, WRA, WRA, ASAR, ASAR, ASAR, MKAR, MKAR, FITZ, FITZ, WRA, WRA, APE, APE, AVL, AVL, BUM, BUM, TGT, TGT, PZI, PZI, PVY, PVY, PVY, PVY, HCN, HCN, VIZ, VIZ, IDI, IDI, IVA, IVA, NKY, NKY, BRY, BRY, STON, STON, UPM, UPM, GRU, GRU, BBL, BBL, DIVS, DIVS, DIVS, DIVS, BOJ, BOJ, GOU, GOU, MLR, MLR, VSS, VSS, JAVS, JAVS, VOY, VOY, VOY, VOY, PERS, PERS, OBKA, OBKA, MOA, MOA, GERES, GERES, AKASG, AKASG, HFS, HFS, FINES, FINES, NB2, NB2, NOA, NOA, NOA, NOA, AKTO, AKTO, ARCES, ARCES, MKAR, MKAR, ZAL, ZAL, ZAL, ZAL.

PRU 29 14:50:59.1, 4676N, 930E, h0km

CSEM 29 14:51:00.8, 0.1, 4668N, 964E, h15km, ML2.8/5, Error ellipse: s-maj=3.2km s-min=1.9km az=130.0

VIE 29 14:51:01.0, 7.4, 4672N, 969E, h8km, 3km, mb1.2/1, ML2.5/5, Error ellipse: s-maj=2.5km s-min=1.1km az=25.0

ROM 29 14:51:01.9, 0.1, 4677N, 971E, h2km, Md2.15, ML1.4/2, Error ellipse: s-maj=2.3km s-min=1.0km az=150.0

ZUR 29 14:51:02.1, 4674N, 966E, h4km, 2km, ML1.9/11, 10C-10D, Switzerland

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res. Includes stations like DAVOX, DAVOX, VDL, VDL, TUE, TUE, PLONS, PLONS, PLONS, PLONS, FUORI, FUORI, FUORI, FUORI, LLS, LLS, LLS, LLS, BRMO, BRMO, DAVA, DAVA, DAVA, DAVA, FETA, FETA, FETA, FETA, BNALP, BNALP, MUGIO, MUGIO, VAI, VAI, MOTA, MOTA, SQA, SQA, SQA, SQA, MMK, MMK, WATA, WATA, WATA, WATA, WATA, WATA, KHC, KHC.

ISCJB 29 15:03:05.7, 0.7, 3810N, 003:2028E, 003, h22km, 6km, mb3.7/7, Error ellipse: s-maj=5.0km s-min=3.7km az=95.1

ATH 29 15:03:05.3, 3805N, 2046E, h13km, 1km, MD3.8/12, ML3.9

IDC 29 15:03:05.8, 2.8, 3831N, 2088E, h0km, mb3.8/7, mb1 3.8/10, mb1mx3.7/22, mbtmp3.7/10, ML3.3/3, Error ellipse: s-maj=52.8km s-min=19.6km az=48.0

CSEM 29 15:03:05.6, 0.1, 3922N, 201E, h15km, ML3.9, Error ellipse: s-maj=2.4km s-min=1.6km az=31.0

PDG 29 15:03:06.9, 0.5, 3817N, 2032E, h18km, 2km

THE 29 15:03:07.9, 3814N, 2063E, h0km, ML3.5

NEIC 29 15:03:09.0, 3814N, 2054E, h10km, MD3.8(PDG)

ML3.9(7HE), ML3.9(ATH), After ATH

SKO 29 15:03:12.5, 3854N, 2067E, h2km

ISC 29 15:03:06.3, 0.6, 3810N, 002:2038E, 003, h12km, 3km, n87, a=1525/121, mb3.7/7, 4C-11D, Greece

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res. Includes stations like VLS, VLS, VLI, VLI, LKD, LKD, LKD, LKD, RLS, RLS, EVR, EVR, IGT, IGT, IGT, IGT, ITM, ITM, JAN, JAN, JAN, JAN, KEK, KEK, AGG, AGG, AGG, AGG, MEV, MEV, THL, THL, THL, THL, LKR, LKR, KZN, KZN, NAG, NAG, NIS, NIS, NEO, NEO, XOR, XOR, XOR, XOR, LEI, LEI, ATH, ATH, KVR, KVR, PTL, PTL, FNA, FNA, KYTH, KYTH, AOS, AOS, BIA, BIA, BIA, BIA, OHR, OHR, OHR, OHR, PAIG, PAIG, GRG, GRG, HORT, HORT, PLG, PLG, KRUS, KRUS, SRR, SRR, SOH, SOH, SOH, SOH, VAY, VAY, VAY, VAY, SRS, SRS, ULC, ULC, ULC, ULC, SGJ, SGJ, APE, APE, AVL, AVL, BUM, BUM, TGT, TGT, PZI, PZI, PVY, PVY, PVY, PVY, HCN, HCN, VIZ, VIZ, IDI, IDI, IVA, IVA, NKY, NKY, BRY, BRY, STON, STON, UPM, UPM, GRU, GRU, BBL, BBL, DIVS, DIVS, DIVS, DIVS, BOJ, BOJ, GOU, GOU, MLR, MLR, VSS, VSS, JAVS, JAVS, VOY, VOY, VOY, VOY, PERS, PERS, OBKA, OBKA, MOA, MOA, GERES, GERES, AKASG, AKASG, HFS, HFS, FINES, FINES, NB2, NB2, NOA, NOA, NOA, NOA, AKTO, AKTO, ARCES, ARCES, MKAR, MKAR, ZAL, ZAL, ZAL, ZAL.

NIED 29 15:07:00.0, 2490N, 12770E, h5km, Mw3.7, Best double couple: ML4.50000, 1014, NP1, 35.00000, 863.00000, lambda=109.00000, NP2, 253.00000, 833.00000, lambda=57.00000

IDC 29 15:07:39.8, 1.1, 2484N, 12775E, h0km, mb3.7/4, mb1 3.8/5, mb1mx3.6/21, mbtmp3.7/5, Error ellipse: s-maj=55.2km s-min=20.2km az=78.0

ISCJB 29 15:07:42.0, 0.6, 2486N, 004:12769E, 004, h35km, mb3.6/4, Error ellipse: s-maj=7.3km s-min=3.5km az=89.7

JMA 29 15:07:43.0, 0.2, 2486N, 12773E, h54km, 3km

ISC 29 15:07:44.4, 0.6, 2490N, 004:12767E, 005, h35km, n22, a=671/37, mb3.6/4, Southeast of Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res. Includes stations like JTT2, JTT2, JTT2.

29d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NAHI Naha, JKE Kume jima 2, JAGN Aguni-jima, etc.

ISJCJB 29 15:26:44.3, 1.471N, 0.1, 1527E.02, h105km, 28km, mb3.8/15, Error ellipse: s-maj=21.9km s-min=18.5km az=47.9

IDD 29 15:26:45.4, 3.9, 4716N, 15267E, h97km, 35km, mb3.5/16, mb1 3.7/17, mb1mx3.6/26, mbtmp3.5/17, MS3.9/1, Ms1 3.9/1, ms1mx2.9/24, Error ellipse: s-maj=18.1km s-min=14.8km az=104.0

ISC 29 15:26:46.2, 6.2, 472N, 0.1, 1526E.02, h110km, 24km, n20, c080/18, mb3.8/15, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAJ Asahikawa, JHJ Hachijo jima 2, KRSR Korea Array, etc.

MAN 29 15:42:00.3, 1702N, 12157E, h51km, mb2.5, ML4.0, MS1.7, 1D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CAUP Cauayan, CVP Callao Caves, PALP Palanan, etc.

ISJCJB 29 16:07:07.6, 1.0, 2431S, 0.06, 669W.01, h182km, 16km, mb3.3/2, Error ellipse: s-maj=17.2km s-min=9.3km az=5.3

IDD 29 16:07:07.3, 1.7, 2422S, 6694W, h168km, 17km, mb3.4/2, mb1 3.4/4, mb1mx3.3/15, mbtmp3.4/4, Error ellipse: s-maj=41.2km s-min=14.3km az=95.0

GUC 29 16:07:11.5, 0.7, 2437S, 6739W, h200km, ML4.4

ISC 29 16:07:08.5, 0.9, 2431S, 0.06, 669W.01, h178km, 15km, n12, c118/14, mb3.3/2, 1C-1D, Santa Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CEN1 Los Morros, CPN1 Cerro Paranal, ANCH Antofagasta, etc.

ISJCJB 29 16:16:38.6, 4.9, 115S, 0.1, 1650E.02, h29km, 33km

2006 DEC

mb3.9/6, MS3.7/3, Error ellipse: s-maj=35.6km s-min=15.5km az=107.2
NEIC 29 16:16:41.6, 2.1, 1137S, 16499E, h40km, 16km, mb4.5/1, Error ellipse: s-maj=27.0km s-min=14.0km az=58.0
IDD 29 16:16:42.2, 3.8, 1138S, 16497E, h45km, 31km, mb3.7/6, mb1 4.0/9, mb1mx3.9/17, mbtmp4.0/9, ML4.9, 2, MS3.6/7, Ms1 3.6/7, ms1mx3.3/30, Error ellipse: s-maj=38.0km s-min=24.8km az=72.0

ISC 29 16:16:41.8, 2.1, 114S, 0.1, 1650E.02, h39km, 16km, n15, c092/11, mb3.9/6, MS3.7/3, Santa Cruz Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HNR Honiara, DZM Mont Dzumac, PNC Port Laguerre, etc.

MEX 29 16:28:52.6, 0.5, 1750N, 10124W, h31km, 4km, MD3.9, 1C, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZIIG Zihuatanejo, CAIG El Cayaco, MEIG Mezcala, etc.

ISJCJB 29 16:31:13.6, 1.6, 268S, 0.1, 1797E.02, h543km, 41km, mb3.9/3, Error ellipse: s-maj=29.3km s-min=15.8km az=19.6

IDD 29 16:31:13.8, 2.6, 265S, 17965E, h524km, 53km, mb3.2/3, mb1 3.4/6, mb1mx3.2/15, mbtmp3.3/6, Error ellipse: s-maj=42.1km s-min=22.0km az=14.0
NEIC 29 16:31:13.6, 1.1, 267S, 17973E, h534km, 26km, mb4.9/1, Error ellipse: s-maj=24.9km s-min=16.1km az=108.0

ISC 29 16:31:13.3, 1.3, 268S, 0.1, 1798E.02, h524km, 34km, n7, c132/8, mb3.9/3, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like URZ Urewera, DZM Mont Dzumac, SNZO South Koror, etc.

ISJCJB 29 16:31:34.7, 0.3, 375S, 0.04, 15193E, 0.06, h10km, mb4.7/38, MS4.4/24, Error ellipse: s-maj=9.2km s-min=5.6km az=159.0

IDD 29 16:31:36.0, 2.5, 374S, 15171E, h9km, 14km, mb4.3/14, mb1 4.4/17, mb1mx4.3/21, mbtmp4.3/17, ML3.3, MS4.3/22, Ms1 4.3/22, ms1mx4.2/26, Error ellipse: s-maj=13.7km s-min=11.5km az=80.0

NEIC 29 16:31:40.1, 1.9, 373S, 15190E, h36km, 18km, mb5.0/26, MS4.4/7, Error ellipse: s-maj=12.7km s-min=10.7km az=78.0

GCMT 29 16:31:40.1, 0.2, 372S, 15203E, h12km, MW5.1/78, Moment Tensor Solution, s29,c41: s78,c133; Duration: 0. Moment tensor: Scale 1016Nm; M1=0.47; 12; M2=5.20; 09; M3=4.82; 12; M4=1.10; 29; M5=0.31; 10; M6=1.25; 34; Best double couple: M5, 3.4000x10^16 NP1=44.00000, 0.72.00000, 1.176.00000. NP2=0.313.00000, 0.86.00000, 1.19.00000. Principal axes: T=5.4930, Plg10.0000, Azm360.0000; N=0.3090, Plg17.0000, Azm122.0000; P=5.1860, Plg16.0000, Azm267.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

BJJ 29 16:31:43.2, 3.03S, 15152E, h36km, mb5.2, mb4.7, Ms4.7, Msz4.4

ISC 29 16:31:37.3, 2.1, 372S, 0.04, 15190E, 0.07, h15km, 13km, n79, c145/78, mb4.7/38, MS4.4/24, 1C-1D, New Kingdom region

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM 2.5nm, 0.7s, baz=143, slow=22, SNR=2.3, WB2 Warramunga Arr, WRA Warramunga Arr, etc.

ellipse: s-maj=7.8km s-min=5.1km az=95.0, Suspected Mining explosion.

NEIC 75 km [45 miles] SSE of Gillette, ISC 29 19:03:18.9.0.7, 4372N.004x10508W.009, h0km, n30, c090/30, mb4.8/1, Wyoming

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PHWY Pilot Hill, RWWY Rawlins, LAO LASA Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PDAR Pinedale Array, PDAR 317m, 0.3s, baz=66, slow=30, SNR=51, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DAU Daniels Canyon, MCMT McKenzie Canyon, PV10 Paradox Valley, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, SONM Songoing Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, CTA Charters Tower, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, SONM Songoing Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, SONM Songoing Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, SONM Songoing Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PCPH Palayan, ENPP El Nido, IDC 29 20:00:34.6.1.2, 769S.15817E, h0km, mb3.8/5, mb1 4.0/6, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, DZM Mont Dzumac, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, VNSA Vanda, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LPAZ La Paz, LPAZ 3.6m, 0.3s, baz=190, slow=7.4, SNR=61.5, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 29 20:37:13.2.3.9, 1963S.17684W, h0km, mb4.3/3, mb1 4.5/3, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 29 20:41:17.3, 1990N.9795E, h53km, mb4.7, mb2.4, ML4.2, MS4.2, MS2.2, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CHG Chiang Mai, CHTO Chiang Mai, NANT Nan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CHG Chiang Mai, CHTO Chiang Mai, NANT Nan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ISCJB 29 20:49:31.1.4.6, 245S.02.1797W.06, h500km, mb3.9/6, Error ellipse: s-maj=80.9km s-min=13.7km az=144.0, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, URZ 2.8m, 0.3s, baz=325, slow=3.1, SNR=22, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CTA Charters Tower, STKA Stephens Creek, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MAN 29 20:55:53.4, 749N.12749E, h92km, mb4.0, ML5.0, MS5.3, 1C, Philippine Islands region, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 29 20:59:42.3.3.5, 1669S.16944E, h0km, mb4.1/5, mb1 4.2/6, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 29 20:59:42.3.3.5, 1669S.16944E, h0km, mb4.1/5, mb1 4.2/6, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, DZM 1.7m, 0.3s, baz=11, slow=19, SNR=36, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ISCJB 29 21:02:37.0.6, 4377N.004x10522W.007, h0km, Error ellipse: s-maj=7.7km s-min=6.2km az=45.4, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RSDD Black Hills, PHWY Pilot Hill, RWWY Rawlins, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ULM, WUAZ, YKA.

WEL 29 21:13:30.2±0.3, 45725N-16708E, h12km, ML3.6/10, Error ellipse: s-maj=3.6km s-min=1.0km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DCZ, WHZ, MLZ, MSZ, APZ, WAKA, EAZ, SYZ, TUZ, JCY, ODZ.

NEIC 29 21:21:10.8, 4435N-68.17W, h8km, MN3.1(WES), MN3.2(OTT), After WES.

NEIC Felt [V] at Franklin; [III] at Bar Harbor, Southwest Harbor and Winter Harbor; [II] at Ellsworth and Mount Desert. Felt at Brunswick, Cranberry Isles, Gouldsboro, Lincoln, Mount Desert, Orns Island, Pembroke, Portland, Pownal, Prospect Harbor, Waterville and Woodville.

OTT 29 21:21:10.6±0.1, 4431N-68.16W, h5km, MN3.2/30, 3D, Maine, U.S. 119km southwest from St. Stephen, Nb Northern Appalachians Seismic Zone., Maine

Main table for 937 with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EMMW, WVL, PQL, FFD, LBNH, LMN, WES, HAN, CRLO, NATG, MVL, VLD, PKRO, SADO, EEO, SSPA, RSPO, BATG, A11, HAL, CQC, A61, BRYW, A21, LMQ, A61, QUA2, A64, FRNY, DPO.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DPO, MNT, ACCN, DAQ, NCB, TIGG, LONY, LONL, LONQ, GSO, MSNY, GASC, GBN, TRN, PTQ, TRQ, ALFO, CNQ, WBO, BRNY, OTT, MPP, CHEG, CRG, SMO, BINY, MNO, PEMO, CRLO, NATG, MVL, VLD, PKRO, SADO, EEO, SSPA, RSPO, DRLN, LG40, SJJN, CAMI, ANTI, CAYA, CARR.

IGQ 29 21:42:04.4, 055N-80.59W, h20km±6km, Mb4.1, Ms3.9, 4C-6D, Error ellipse: s-maj=8.0km s-min=5.6km az=89.3, Near coast of Ecuador

Main table for 2006 DEC with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MAGI, CHIS, PINO, TERV, GGP, JUA2, YANA, COTA, CAMI, ANTI, CAYA, CARR.

CSEM 29 21:44:22.7±0.3, 4593N-2754W, h2km, mb4.4/13, Ms3.6, Error ellipse: s-maj=10.6km s-min=4.7km az=13.0, IDC 29 21:44:23.1±1.6, 4594N-2776W, h0km, mb3.9/9,

mb 1.0/4.0, mb1mx3.8/26, mbtmp3.9/10, ML4.7/1, Ms3.9/21, Ms1.9/21, ms1mx3.8/30, Error ellipse: s-maj=39.2km s-min=24.8km az=57.0, ISCJB 29 21:44:24.9±1.3, 459N-01.275W, h2, h10km, mb4.1/22, Ms3.9/22, Error ellipse: s-maj=19.7km s-min=13.0km az=119.6, NEIC 29 21:44:25.1±0.9, 4591N-2760W, h10km, mb4.2/27, Error ellipse: s-maj=15.3km s-min=11.2km az=222.0, ISC 29 21:44:26.2±1.3, 460N-01.275W, h2, h10km, n93, c095/77, mb4.1/22, Ms3.9/23, Northern Mid-Atlantic Ridge

Main table for 29d 21h with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EMAZ, STS, EZAM, ELOB, ERUA, ECAL, ECAR, EAR1, ROSF, QUIF, EBAD, ELAN, EMIN, GUD, ESCD, ETOR, ETSF, EBIE, EPF, RJF, TCF, BGF, AVF, MTLF, SSF, LOR, GIVF, MDT, MEZF, VIVF, HAU, SMRF, HINF, CDF, MBDF, LMR, FRF, SFJD, SCHG, JMJC, GERES, HFS.

30d 1h

2006 DEC

940

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC. Includes stations like THN Thein Dam, DLH Dalhousie, KK31 Karatay Array, etc.

ISC 30 00:48:07.9.1.1, 3652N, 006.715E, 0.2, h149km, 18km, n13, 0.85/17, 2C-3D, Afghanistan-Tajikistan border region

ISC/CJB 30 00:52:26.8.1.2, 398N, 124.21E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.7/18, mbtmp3.8/5, Error ellipse: s-maj=110.9km s-min=18.7km az=70.0

ISC/CJB 30 00:52:28.0.1.3, 44N, 03.1249E, 0.7, h33km, mb3.7/5, Error ellipse: s-maj=108.8km s-min=15.5km az=73.4

NEIC 30 00:52:30.9.1.0, 407N, 124.44E, h30km, mb3.9/2, Error ellipse: s-maj=94.9km s-min=14.6km az=70.0

ISC 30 00:52:31.7.1.0, 41N, 02.1244E, 0.6, h35km, n10, 0.19/02/10, mb3.7/5, Celebes Sea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC. Includes stations like KAKA Kakadu, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

ISC/CJB 30 01:15:12.1.0.4, 431N, 002.001E, 0.03, h6km, 5km, Error ellipse: s-maj=3.8km s-min=3.6km az=122.1

MDD 30 01:15:13.8.0.3, 4302N, 010.1W, h0km, mLg1.4/7, Error ellipse: s-maj=2.0km s-min=1.9km az=96.0, PRXIMO

STR 30 01:15:13.4.0.2, 4300N, 002E, h5km, 1km, M12, 1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0

LDG 30 01:15:13.4.0.1, 4303N, 001W, h2km, Md2, 1/2, M11, 7/6, Error ellipse: s-maj=1.5km s-min=1.5km az=141.0

ISC 30 01:15:12.9.0.4, 4306N, 002.001E, 0.03, h9km, 4km, n29, 0.67/4/1, 1C, France

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC. Includes stations like LABF Labassere, VIEF View, EPFF Esparros, etc.

ISC/CJB 30 01:51:45.0.1.7, 55S, 0.1, 147E.02, h175km, 20km, mb4.2/6, Error ellipse: s-maj=40.8km s-min=16.8km az=34.9

NEIC 30 01:51:46.4.1.8, 548S, 147.11E, h173km, 22km, mb4.9/4, Error ellipse: s-maj=37.9km s-min=16.6km az=113.0

ISC 30 01:51:47.1.1.6, 563S, 147.15E, h184km, 23km, mb3.6/4, mb1 3.8/6, mb1mx3.6/14, mbtmp3.6/14, Error ellipse: s-maj=51.7km s-min=12.2km az=107.0

ISC 30 01:51:46.6.1.7, 56S, 0.1, 147E.02, h174km, 18km, n13, 0.67/3/15, mb4.2/6, 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, WRA Warramunga Arr, etc.

ISC 30 01:25:04.5.0.8, 273S, 133.90E, h0km, mb4.2/5, mb1 4.5/7, mb1mx4.2/15, mbtmp3.3/7, ML3.9/2, MS3.4/5, Ms1 3.4/5, ms1mx3.2/23, Error ellipse: s-maj=48.3km s-min=18.5km az=74.0

ISC/CJB 30 01:25:07.5.0.6, 277S, 007.1339E, 0.1, h35km, mb4.5/10, MS3.5/4, Error ellipse: s-maj=17.0km s-min=8.8km az=153.5

NEIC 30 01:25:09.7.0.5, 275S, 133.91E, h35km, mb4.7/7, Error ellipse: s-maj=17.0km s-min=9.5km az=78.0

ISC 30 01:25:09.6.0.6, 274S, 007.1339E, 0.1, h35km, n29, 0.125/22, mb4.5/10, MS3.5/4, Irian Jaya region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC. Includes stations like KAKA Kakadu, PMG Port Moresby, WRA Warramunga Arr, etc.

ISC 30 01:34:54.1.2.4, 618S, 13006E, h0km, mb3.3/4, mb1mx3.3/14, mbtmp3.2/4, ML2.9/2, Error ellipse: s-maj=101.8km s-min=29.2km az=77.0, Banda Sea

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.

NEIC 30 01:35:13.3. 1591N, 9881W, h17km, MD4.2(MEX), After MEX.

MEX 30 01:35:13.3.0.9, 1592N, 9882W, h16km, 15km, MD4.2, Off coast of Guerrero

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC. Includes stations like PNIG Pinotepa, CAIG El Cayaco, CAIG Huajuapán, etc.

ISC 30 01:36:11.8.3.1, 627S, 14752E, h0km, mb3.5/2, mb1 3.6/4, mb1mx3.4/14, mbtmp3.5/4, ML3.1/2, Error ellipse: s-maj=69.6km s-min=33.0km az=92.0, 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, WRA Warramunga Arr, etc.

GEN 30 01:48:11.8, 469N, 1007E, h0km, ML2.0

CSEM 30 01:48:12.6.0.1, 445N, 1006E, h10km, ML2.6/6, Error ellipse: s-maj=3.3km s-min=1.6km az=18.0

NEIC 30 01:48:12.0, 446N, 1003E, h5km, ML2.3(ROM), ML2.5(LDG), After ROM.

ROM 30 01:48:12.0.0.3, 4462N, 1003E, h5km, 3km, Md2.5/10, Md2.3/11, Error ellipse: s-maj=2.8km s-min=2.4km az=138.0

LDG 30 01:48:13.4.0.4, 4453N, 1018E, h10km, M12.5/9, Error ellipse: s-maj=9.0km s-min=5.0km az=87.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, h m s, ISC. Includes stations like GRAM CODM, VALM, EREMO, etc.

ISC/CJB 30 01:51:45.0.1.7, 55S, 0.1, 147E.02, h175km, 20km, mb4.2/6, Error ellipse: s-maj=40.8km s-min=16.8km az=34.9

NEIC 30 01:51:46.4.1.8, 548S, 147.11E, h173km, 22km, mb4.9/4, Error ellipse: s-maj=37.9km s-min=16.6km az=113.0

ISC 30 01:51:47.1.1.6, 563S, 147.15E, h184km, 23km, mb3.6/4, mb1 3.8/6, mb1mx3.6/14, mbtmp3.6/14, Error ellipse: s-maj=51.7km s-min=12.2km az=107.0

ISC 30 01:51:46.6.1.7, 56S, 0.1, 147E.02, h174km, 18km, n13, 0.67/3/15, mb4.2/6, 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, WRA Warramunga Arr, etc.

ISC 30 01:25:04.5.0.8, 273S, 133.90E, h0km, mb4.2/5, mb1 4.5/7, mb1mx4.2/15, mbtmp3.3/7, ML3.9/2, MS3.4/5, Ms1 3.4/5, ms1mx3.2/23, Error ellipse: s-maj=48.3km s-min=18.5km az=74.0

BUI 30 01:58:04.8, 091N:97.12E, h26km, mB5.1, mb4.8, Ms4.1, Msz4.1
IDC 30 01:58:05.0, 0.4, 121N:96.92E, h0km, mb4.2/15, mb1 4.3/16, mb1mx4.1/24, mbtmp4.2/16, ML3.6/1, MS3.5/5, Ms1 3.5/5, ms1mx3.2/35, Error ellipse: s-maj=30.3km s-min=14.4km az=48.0
ISCJB 30 01:58:09.8, 2.7, 13N.01:97.1E, 0.1, h42km, 21km, mb4.4/29, MS3.7/5, Error ellipse: s-maj=25.0km s-min=10.1km az=98.5

NEIC 30 01:58:09.9, 0.4, 120N:96.92E, h30km, mb4.6/8, Error ellipse: s-maj=10.7km s-min=7.3km az=48.0

ISC 30 01:58:12.2, 2.7, 13N.01:97.1E, 0.1, h43km, 22km, n46, c097/45, mb4.4/29, MS3.7/5, Northern Sumatra

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
PSI	Prapat	2.35 50	Pn	01 58 48.0	-0.3		
PSI	12nm, 0.3s, baz=217, slow=6.2, SNR=7.0						
PSI	comp=Z, 468nm, 21.2s, baz=301, slow=37						
KULM	Kulim	5.31 41	ePn	01 59 28.0	-1.0		
KKM	Kota Kinabalu	19.62 76	eP	02 02 38.3	-0.4		
KMI	Kunming	24.32 12	p	02 03 27.0	+1.3		
KMI	comp=Z, 26nm, 1.1s, mb4.6						
KMI	comp=Z, 159nm, 3.7s						
KMI	comp=N, 495nm, 11.8s, MS4.3						
KMI	comp=E, 353nm, 12.7s, MS4.3						
KMI	comp=Z, 510nm, 12.6s, MS4.2						
KMI	Kunming	24.32 12	P	02 03 27.1	+1.4		
KMI	comp=Z, 26nm, 1.1s, mb4.6						
KMI	comp=Z, 510nm, 12.6s, MS4.2						
SHL	Shillong	24.67 349	iP	02 03 27.5	-1.4		
JIRN	Jiri	28.25 339	eP	02 04 02.5	+1.4		
PKI	Putuchi	28.45 338	eP	02 04 04.2	+1.2		
GUN	Gumba	28.59 339	eP	02 04 05.4	+1.2		
GUN	comp=Z, 29nm, 0.7s, mb5.1						
DMN	Daman	28.60 337	eP	02 04 05.7	+1.4		
KKN	Kakani	28.70 338	eP	02 04 06.0	+1.8		
LSA	Lhasa	28.83 349	eP	02 04 07.8	+1.5		
LSA	Lhasa	28.83 349	eP	02 04 07.8	+1.5		
LSA	comp=Z, 7.5nm, 0.7s, mb4.5						
GKN	Gorkha	29.14 337	eP	02 04 10.0	+0.9		
GKN	comp=Z, 32nm, 0.9s, mb5.0						
KOLN	Koldand	29.35 335	eP	02 04 12.2	+1.2		
KOLN	comp=Z, 28nm, 0.8s, mb5.0						
FITZ	Fitzroy Crossi	34.03 126	P	02 04 51.0	-1.1		
FITZ	comp=Z, 1.6nm, 0.6s, mb4.1, baz=296, slow=6.5, SNR=3.9						
FITZ	comp=Z, 52nm, 20.0s, MS3.3, baz=292, slow=36						
XAN	Xi'an	34.41 17	P	02 04 54.8	-0.5		
XAN	comp=Z, 16nm, 0.9s, mb5.0						
XAN	comp=Z, 16nm, 0.9s, mb5.0						
GTA	Gaotai	38.03 3	eP	02 05 26.3	+0.1		
GTA	comp=Z, 2.3nm, 0.7s, mb4.9						
GTA	comp=Z, 2.3nm, 0.7s, mb4.9						
GTA	comp=Z, 2.3nm, 0.7s, mb4.9						
WRA	Warrungarra Arr	42.14 122	P	02 06 00.9	+0.6		
WRA	comp=Z, 3.0nm, 0.6s, mb4.1, baz=301, slow=9.1, SNR=35						
WRA	comp=Z, 5.9nm, 18.9s, MS3.5, baz=330, slow=42						
WRA	comp=Z, 5.9nm, 18.9s, MS3.5, baz=330, slow=42						
WB2	Warrungarra Arr	42.27 122	P	02 06 01.2	+0.8		
WB2	comp=Z, 1.6nm, 0.7s, mb4.8						
BJT	Banjaiutau	42.27 122	P	02 06 02.3	+0.9		
BJT	comp=Z, 1.6nm, 0.7s, mb4.8						
BJI	Beijing	42.29 22	P	02 06 02.5	+0.9		
BJI	comp=Z, 2.0nm, 0.7s, mb4.9						
BJI	Beijing	42.29 22	P	02 06 02.5	+0.9		
BJI	comp=Z, 2.0nm, 0.7s, mb4.9						
ASAR	Alice Springs	43.50 127	P	02 06 12.4	+1.1		
ASAR	comp=Z, 3.9nm, 0.7s, mb4.9, baz=298, slow=8.3, SNR=23						
KSRS	Korea Arr	45.82 35	P	02 06 28.6	-1.2		
KSRS	comp=Z, 7.5nm, 0.8s, mb4.7, baz=224, slow=9.7, SNR=19						
KSRS	comp=Z, 7.0nm, 18.1s, MS3.6, baz=188, slow=37						
SOMM	Songlo Arr	47.15 9	P	02 06 39.9	+0.3		
SOMM	comp=Z, 5.9nm, 0.8s, mb4.6, baz=188, slow=9.5, SNR=43						
SOMM	comp=Z, 5.9nm, 0.8s, mb4.6, baz=188, slow=9.5, SNR=43						
SK13	Makanchi Arr	47.15 346	P	02 06 40.4	+0.4		
SK13	comp=Z, 3.7nm, 0.6s, mb4.5, baz=159, slow=9.0, SNR=82						
ULN	Ulaanbaatar	47.19 9	P	02 06 40.4	+0.2		
ULN	comp=Z, 1.6nm, 0.6s, mb4.5						
KURK	Kurchatov	51.70 345	eP	02 07 14.8	-0.1		
KURK	comp=Z, 5.6nm, 0.9s, mb4.5						
STKA	Stephens Creek	53.47 132	P	02 07 28.9	+0.9		
STKA	comp=Z, 3.2nm, 0.8s, mb4.3, baz=314, slow=8.3, SNR=4.7						
SVAR	Stephens Creek	53.47 132	eP	02 07 28.9	+0.9		
SVAR	comp=Z, 3.2nm, 0.8s, mb4.3, baz=314, slow=8.3, SNR=4.7						
BRVK	Borovoye	56.21 341	eP	02 07 47.1	-0.7		
BRVK	comp=Z, 4.2nm, 0.7s, mb4.5, baz=142, slow=8.0, SNR=24						
AKTK	Aktjubinsk	59.12 332	P	02 08 07.1	-1.3		
AKTK	comp=Z, 2.7nm, 0.8s, mb4.3, baz=151, slow=6.7, SNR=10						
AKTO	Aktjubinsk	59.12 332	P	02 08 07.1	-1.3		
AKTO	comp=Z, 2.7nm, 0.8s, mb4.3, baz=151, slow=6.7, SNR=10						
BRTR	Keskin Arr	69.00 312	P	02 09 12.4	-0.7		
BRTR	comp=Z, 0.5nm, 0.7s, mb3.5, baz=100, slow=7.5, SNR=3.1						
TIXI	Tiksi	73.12 10	P	02 09 37.0	-1.1		
TIXI	comp=Z, 2.9nm, 0.6s, mb4.4						
AKASG	Malin Arr	75.15 322	P	02 09 48.9	-1.0		
AKASG	comp=Z, 0.2nm, 0.2s, mb3.6, baz=81, slow=7.2, SNR=3.7						
FINES	Fines Arr	79.83 333	P	02 10 15.2	-1.2		
FINES	comp=Z, 0.8nm, 0.6s, mb3.9, baz=89, slow=8.3, SNR=8.5						
ARCES	ARCCESS Array B	82.44 340	P	02 10 29.9	0.0		
ARCES	comp=Z, 3.5nm, 0.8s, mb4.3, baz=104, slow=4.4, SNR=6.8						
URZ	ARCCESS Array B	82.44 340	P	02 10 29.9	0.0		
URZ	comp=Z, 3.5nm, 0.8s, mb4.3, baz=104, slow=4.4, SNR=6.8						
ARCS	Urewera	92.92 129	LR	02 50 57.5	0.0		
ARCS	comp=Z, 7.5nm, 19.9s, MS4.1, baz=250, slow=38						
GERES	GERESS Array B	84.70 319	P	02 10 39.8	-1.7		
GERES	comp=Z, 0.6nm, 0.8s, mb3.8, baz=85, slow=5.8, SNR=5.1						
NOA	NORSAR Array B	86.90 331	P	02 10 52.0	-0.4		
NOA	comp=Z, 1.6nm, 1.1s, mb4.2, baz=113, slow=4.8, SNR=3.0						
TXAR	Lajitas Arr	143.64 32	PKP	02 17 41.4	-0.9		
TXAR	comp=Z, 0.2nm, 0.5s, baz=333, slow=1.6, SNR=5.7						

ISCJB 30 01:58:51.9, 0.3, 1817N:003.9443W, 0.03, h10km, mb4.0/7, MS3.2/1, Error ellipse: s-maj=4.3km s-min=3.7km az=121.0

IDC 30 01:58:51.5, 0.9, 1812N:94.28W, h0km, mb4.1/6, mb1 4.3/8, mb1mx4.0/19, mbtmp4.1/8, ML4.4/2, MS3.2/2, Ms1 3.2/2, ms1mx2.9/28, Error ellipse: s-maj=27.9km s-min=10.6km az=112.0

MEX 30 01:58:57.2, 1.0, 1817N:94.42W, h36km, 7km, MD4.5

NEIC 30 01:58:57.4, 1817N:94.42W, h36km, mb4.3/5, MD4.5(MEX), After MEX.

ISC 30 01:58:53.3, 0.3, 1811N:003.9442W, 0.03, h10km, n52, c153/70, mb4.0/7, MS3.2/1, 1D, Bay of Campeche

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
TUIG	Tuzandepetl	0.08 181	iP	01 59 02.0	+6.4		
TUIG	comp=N, 99nm, 0.5s						
CMIG	Matias Romero	1.11 204	Pg	01 59 06.4	+9.1		
CMIG	591nm, 0.3s, baz=15, slow=11, SNR=7880						
CMIG	266nm, 0.3s, baz=160, slow=21, SNR=26						
CMIG	Matias Romero	1.11 204	iP	01 59 15.6	+1.0		
CMIG	comp=N, 99nm, 0.5s						
CMIG	Matias Romero	1.11 204	iP	01 59 28.8	-0.2		
CMIG	comp=N, 99nm, 0.5s						
CMIG	Matias Romero	1.11 204	iP	01 59 15.5	+1.0		
CMIG	comp=N, 99nm, 0.5s						
OXX	Oaxaca	2.42 245	iP	01 59 34.0	+1.1		
OXX	comp=N, 99nm, 0.5s						
OXX	Oaxaca	2.42 245	iP	01 59 34.0	+1.1		
OXX	comp=N, 99nm, 0.5s						
OXX	Oaxaca	2.42 245	iP	01 59 34.5	+1.6		
OXX	comp=N, 99nm, 0.5s						
OXX	Oaxaca	2.42 245	iP	01 59 34.5	+1.6		
OXX	comp=N, 99nm, 0.5s						
VHO	Vista Hermosa	2.44 245	iP	01 59 34.5	+1.4		
VHO	comp=N, 99nm, 0.5s						
VHO	Vista Hermosa	2.44 245	iP	01 59 34.6	+1.4		
VHO	comp=N, 99nm, 0.5s						
VHO	Vista Hermosa	2.44 245	iP	01 59 34.6	+1.4		
VHO	comp=N, 99nm, 0.5s						
LVIG	Laguna Verde	2.48 311	iP	01 59 32.9	-0.8		
LVIG	comp=N, 99nm, 0.5s						
TPIG	Tehuacan	2.81 277	iP	01 59 39.1	+0.8		
TPIG	comp=N, 99nm, 0.5s						

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
TAIG	Taipale	2.84 215	iP	02 00 09.8	-2.4		
HUIG	Huatalco	2.84 215	iP	02 00 11.1	-1.7		
HUIG	comp=N, 100nm, 0.3s						
CCIG	Comitan	2.84 129	iP	01 59 39.5	+0.8		
CCIG	comp=N, 100nm, 0.3s						
SCIG	Sabancuy	3.19 74	iP	01 59 44.0	+0.6		
SCIG	comp=N, 100nm, 0.3s						
PNIG	Pinotepa	3.93 245	iP	01 59 53.1	-0.6		
PNIG	comp=N, 100nm, 0.3s						
PNIG	Pinotepa	3.93 245	iP	01 59 52.2	-1.5		
PNIG	comp=N, 100nm, 0.3s						
PPM	Popocatepetl	4.04 284	iP	01 59 58.7	+2.7		
PPM	comp=N, 100nm, 0.3s						
PIO	Organos	4.33 291	iP	01 59 01.8	+2.6		
PIO	comp=N, 100nm, 0.3s						
PLIG	Platanillo	4.84 274	iP	01 59 06.4	-3.3		

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Rows include stations like B11A Sandpoint, I05A Bend, DAG Danmarks Havn, etc.

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Rows include stations like J13A Cove Ranch, K12A Draper Farm, CMB Columbia Colie, etc.

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Rows include stations like STHS Stebnicka Huta, STHS Kolonickce sedl, COLL Collm, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like YBHQ, WDC, YKA, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ESDC, TORO, LPAZ, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JNK, JAK, JATK, etc.

30d 8h

2005 DEC

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like Arta Tunnel, Desse, Al-Qurain, Al-Radifiah, Kadd, Mahe Island, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like Kabul, Bhopal, Darouich, Darouich, Bozova, Thamme Wali, Gaziantep, Sargodha, Erzurum, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like SOC, MSLB, OPO, BDRM, Kayabasi, NPS, Neapolis, LAST, Sivrigonyuk, etc.

30d 8h

Table with columns for station code, name, frequency, and various performance metrics. Includes stations like NIE Niedzica, VYHYS Vyhne, and CM31 Chiang Mai Arr.

2006 DEC

Table with columns for station code, name, frequency, and various performance metrics. Includes stations like CM31 Chiang Mai Arr, WTTA Wattenberg, and WATA Walderalm.

950

Table with columns for station code, name, frequency, and various performance metrics. Includes stations like WTTA Wattenberg, WATA Walderalm, and WATA Walderalm.

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like EBEN, LOR, GYA, UCC, etc.

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like GYA, UCC, MELI, etc.

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like ESLS, EMUJ, MOY, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Saint Gilles, Talaya, and various other frequencies.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Hu-ho-hao-te, HHC, HHC, and various other frequencies.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HIA, SSE, Sheshan, and various other frequencies.

30d 8h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KS15, KSRS, KSRB, etc.

2006 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ALE, MAW, MAW, etc.

954

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PET, PET, PET, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like MCWV, WRFR, ULM, EYMN, etc.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like HUMO, BGU, DAU, NOQ, etc.

Table with columns: RKT, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like IDC, ISCJB, NEIC, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like AAK Ala-Archa, GUN Gumba, FRU Bishkek, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like FRF comp=Z,25nm,1.4s,mb5.0, TORO Torodi Ar. Bea, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like PET Yuzh-Kuril'sk, YUK YUK, etc.

Table with columns: FLN, La Foliniere, 82.64 344, eP, P, 11 28 56.6 -0.7, etc. Includes various station names like La Foliniere, LDF, VAY, etc.

Table with columns: REV, Reverse, 85.62 337, eP, P, 11 29 12.9 +0.4, etc. Includes various station names like Rev, Tubuai, CALN, etc.

Table with columns: YSS, Yuzh-Sakhalins, 8.71 276, ePN, Pn, 11 24 55.2 +1.8, etc. Includes various station names like Yuzh-Sakhalins, JMP, JAR, etc.

LZH	comp=Z,500nm,14.0s,MS4.5	LR	LR				
GTA	comp=Z,500nm,14.0s,MS4.5	GAotai	40.56 280	eP	P	11 30 27.5 +2.3	
GTA				AP	sP	11 30 31.8	
GTA				XP	sP	11 30 35.0 +1.0	
GTA				PCP	PcP	11 32 28.5 +0.9	
GTA				AMB	AMB		
GTA	comp=Z,5.0nm,1.1s,mb4.2						
GTA	comp=Z,263nm,3.4s						
GTA	comp=N,540nm,14.5s,MS4.6						
GTA	comp=E,340nm,15.2s,MS4.6						
GTA	comp=Z,492nm,14.8s,MS4.5						
INK	comp=Z,10nm,0.8s,mb4.6,baz=282,slow=6.6,SNR=41	Inuvik	40.82 33	P	P	11 30 26.6 -0.8	
INK		Inuvik	40.82 33	eP	P	11 30 26.9 -0.5	
CD2	comp=Z,277nm,0.7s,mb5.1	Chengdu	42.48 267	P	P	11 30 42.0 +1.0	
CD2				AP		11 30 46.5	
CD2				XP	sP	11 30 49.0 +8.0	
CD2				PP	PP	11 32 23.5 +4.2	
CD2				S	SS	11 37 02.5 -1.4	
CD2				XS	SS	11 37 10.3 +6.3	
CD2				SS	SS	11 40 06.0 -6.9	
CD2	comp=Z,40nm,0.9s,mb5.2						
CD2	comp=Z,220nm,5.3s						
CD2	comp=N,440nm,10.8s,MS4.8						
CD2	comp=E,460nm,12.0s,MS4.8						
CD2	comp=Z,340nm,13.5s,MS4.4	Gulyang	43.24 260	P	P	11 30 49.3 +1.8	
GVA				AP		11 30 49.0	
GVA				XP	sP	11 30 56.5 +9.0	
GVA				PP	PP	11 32 33.0 +5.1	
GVA				PCP	PcP	11 32 40.0 +3.4	
GVA				SCP	ScP	11 36 30.0 +0.9	
GVA				S	SS	11 37 17.0 +1.3	
GVA				SS	SS	11 40 23.0 -5.4	
GVA				SSC	SSC	11 40 48.3 -0.8	
GVA				AMB	AMB		
GVA	comp=Z,20nm,0.8s,mb4.9						
GVA	comp=Z,120nm,4.8s						
GVA	comp=N,450nm,17.2s,MS4.6						
GVA	comp=E,410nm,17.0s,MS4.6						
GVA	comp=Z,480nm,16.8s,MS4.5						
ZAL	comp=Z,2.8nm,0.7s,mb4.1,baz=41,slow=7.5,SNR=8.6	Zalesovo	43.94 306	P	P	11 30 52.0 -0.9	
ZAL		Zalesovo	43.94 306	iP	P	11 32 38.1 -0.7	
ZAL	comp=Z,1.3nm,0.4s,baz=10,slow=4.2,SNR=3.4	Zalesovo	43.94 306	iP	P	11 30 52.5 -0.3	
ZAL							
ZAL	comp=Z,3.0nm,0.7s	Zalesovo	43.94 306	P	P	11 30 52.0 -0.9	
ZAL				PcP	PcP	11 32 38.1 -0.7	
WMQ	comp=Z,8.0nm,1.0s,mb4.7	Urumqi	46.43 292	eP	P	11 31 14.5 +1.9	
WMQ				AMB	AMB		
WMQ	comp=N,186nm,28.0s,MS4.2						
WMQ	comp=E,320nm,24.0s,MS4.2						
WMQ	comp=Z,312nm,21.0s,MS4.2						
KMI	comp=Z,13nm,1.4s,mb4.9	Kunming	46.82 261	P	P	11 31 17.5 +1.8	
KMI				AP		11 31 21.5	
KMI				PCP	PcP	11 32 52.8 +4.0	
KMI				PP	PP	11 33 08.5 +3.0	
KMI				SCP	ScP	11 36 44.5 +0.8	
KMI				PcS	PcS	11 36 45.5 +1.8	
KMI				S	SS	11 38 07.5 +0.5	
KMI				XS	SS	11 38 12.8 +5.8	
KMI				SSC	SSC	11 41 10.8 -0.9	
KMI				SS	SS	11 41 27.3 -6.0	
KMI				AMB	AMB		
KMI	comp=Z,13nm,1.4s,mb4.9						
KMI	comp=Z,174nm,4.3s						
KMI	comp=N,273nm,14.0s,MS4.5						
KMI	comp=E,298nm,16.0s,MS4.5						
KMI	comp=Z,285nm,18.7s,MS4.3	Kunming	46.82 261	P	P	11 31 17.5 +1.8	
KMI						11 32 52.7	
KMI						11 33 08.5	
KMI						11 33 53.8	
KMI						11 38 07.4 +0.4	
KMI						11 38 12.7 +5.7	
KMI						11 41 27.2 -6.1	
KMI						11 42 35.3	
KMI	comp=Z,13nm,1.4s,mb4.9						
KMI	comp=Z,290nm,18.7s,MS4.3	Kunming	46.82 261	P	P	11 31 17.5 +1.8	
KMI						11 31 21.4	
KMI						11 31 22.6 +6.9	
KMI						11 32 52.7 +3.9	
KMI						11 33 08.5 +3.0	
KMI						11 33 53.8	
KMI						11 36 44.4 +0.7	
KMI						11 36 45.5 +1.8	
KMI						11 38 07.4 +0.4	
KMI						11 38 12.7 +5.7	
KMI						11 41 10.7 -1.0	
KMI						11 41 27.2 -6.1	
KMI						11 42 35.3	
KMI	comp=Z,290nm,18.7s,MS4.3	Makanchi Array	48.37 298	P	P	11 31 27.7 -0.1	
MKAR	comp=Z,3.1nm,0.5s,mb4.7,baz=69,slow=7.8,SNR=46					11 32 53.6 -0.7	
MKAR	comp=Z,1.9nm,0.8s,baz=50,slow=4.0,SNR=3.6	Makanchi Array	48.37 298	P	P	11 31 27.7 -0.1	
MKAR						11 32 53.6 -0.7	
MKAR	comp=Z,2.4nm,0.6s,mb4.3,baz=295,slow=7.1,SNR=32	Kurchatov	48.71 305	eP	P	11 31 29.9 -0.5	
MKAR						11 32 55.2	
KURK	comp=Z,10.0nm,0.7s,mb5.0	Kurchatov	48.71 305	eP	P	11 31 29.9 -0.5	
KURK	comp=Z,10nm,0.7s,mb5.0					11 31 55.2 -0.4	
YKA	comp=Z,2.4nm,0.6s,mb4.3,baz=295,slow=7.1,SNR=32	Yellowknife Ar	49.98 37	P	P	11 31 59.0 -1.1	
YKA						11 32 59.2 -0.9	
YKA	comp=Z,1.0nm,0.5s,baz=303,slow=3.8,SNR=14	Yellowknife Ar	49.98 37	P	P	11 31 59.0 -1.1	
YKA						11 32 59.2 -1.0	
BVAR	comp=Z,13nm,0.6s,mb5.0,baz=56,slow=8.5,SNR=31	Borovoye Array	52.11 310	P	P	11 31 55.9 -0.2	
BRVK	comp=Z,15nm,0.6s,mb5.1	Borovoye	52.15 310	eP	P	11 31 55.7 -0.7	
BRVK						11 31 55.7 -0.6	
BRVK	comp=Z,15nm,0.6s,mb5.1	Bryant	53.11 316	P	P	11 32 03.7 +0.1	
BRVK						11 32 06.3 -1.0	
E04A	comp=Z,53nm,0.6s,mb4.9	Onalaska	53.64 58	iP	P	11 32 06.6 -0.8	
C05A	comp=Z,53nm,0.6s,mb4.9	Toll Reservoir	53.65 56	iP	P	11 32 07.4 -0.2	
A07A	comp=Z,53nm,0.6s,mb4.9	Ashnola River,	53.67 54	iP	P	11 32 07.4 -0.2	
D05A	comp=Z,53nm,0.6s,mb4.9	Enumclaw	53.74 57	iP	P	11 32 07.7 -0.5	
B07A	comp=Z,53nm,0.6s,mb4.9	Winthrop	54.13 55	iP	P	11 32 10.1 -0.8	
F04A	comp=Z,53nm,0.6s,mb4.9	Amboy	54.17 59	iP	P	11 32 10.8 -0.4	
E05A	comp=Z,53nm,0.6s,mb4.9	Randle	54.21 58	iP	P	11 32 10.8 -0.7	
A08A	comp=Z,53nm,0.6s,mb4.9	Turner Farm, O	54.34 54	iP	P	11 32 11.3 -1.2	

D06A	comp=Z,54nm,0.6s,mb4.9	Cle Elum	54.40 56	iP	P	11 32 12.2 -0.8	
B07A	comp=Z,54nm,0.6s,mb4.9	Waterville	54.58 56	iP	P	11 32 13.7 -0.5	
C08A	comp=Z,54nm,0.6s,mb4.9	Coiville Reser	54.63 55	iP	P	11 32 14.1 -0.5	
E06A	comp=Z,54nm,0.6s,mb4.9	Yakima	54.67 57	iP	P	11 32 15.1 +0.2	
A09A	comp=Z,54nm,0.6s,mb4.9	Danville	54.71 54	P	P	11 32 14.6 -0.6	
I03A	comp=Z,54nm,0.6s,mb4.9	Eugene	54.73 61	iP	P	11 32 15.6 +0.3	
J02A	comp=Z,54nm,0.6s,mb4.9	Umpqua	54.89 62	iP	P	11 32 17.1 +0.6	
D07A	comp=Z,54nm,0.6s,mb4.9	Quincy	54.90 56	iP	P	11 32 15.8 -0.8	
H04A	comp=Z,54nm,0.6s,mb4.9	Detroit Lake	54.99 60	iP	P	11 32 16.9 -0.4	
C08A	comp=Z,54nm,0.6s,mb4.9	Higginbotham F	55.10 55	iP	P	11 32 17.5 -0.5	
EDM	comp=Z,54nm,0.6s,mb4.9	Edmonton	55.17 47	eP	P	11 32 16.8 -1.7	
B09A	comp=Z,54nm,0.6s,mb4.9	Rice	55.25 54	iP	P	11 32 17.7 -1.5	
J03A	comp=Z,54nm,0.6s,mb4.9	Ideyld Park	55.25 61	iP	P	11 32 19.4 +0.3	
K02A	comp=Z,54nm,0.6s,mb4.9	Glendale	55.27 62	iP	P	11 32 19.3 0.0	
AAK	comp=Z,54nm,0.6s,mb4.9	Ala-Archa	55.28 298d	iP	P	11 32 19.0 -0.3	
AAK							
AAK	comp=Z,10.0nm,0.8s,mb4.9	Ala-Archa	55.28 298	eP	P	11 32 19.9 +0.6	
E07A	comp=Z,8.4nm,0.8s,mb4.8	Sunnyside	55.31 57	iP	P	11 32 18.5 -1.1	
I04A	comp=Z,55nm,0.6s,mb4.9	Tendick Farm,	55.35 61	P	P	11 32 20.0 +0.1	
C09A	comp=Z,55nm,0.6s,mb4.9	Chrisman Ranch	55.53 55	P	P	11 32 20.4 -0.7	
L02A	comp=Z,55nm,0.6s,mb4.9	Cave Junction	55.55 63	iP	P	11 32 21.3 0.0	
D08A	comp=Z,55nm,0.6s,mb4.9	Wollman Farm,	55.57 56	iP	P	11 32 20.0 -1.4	
H05A	comp=Z,55nm,0.6s,mb4.9	Madras	55.58 59	iP	P	11 32 21.4 -0.1	
F07A	comp=Z,55nm,0.6s,mb4.9	Phinny Hill Vi	55.64 57	iP	P	11 32 21.5 -0.4	
HUMO	comp=Z,55nm,0.6s,mb4.9	Hull Mountain	55.69 62	iP	P	11 32 22.9 +0.6	
E08A	comp=Z,55nm,0.6s,mb4.9	Dider Farm, El	55.81 56	iP	P	11 32 22.0 -1.1	
I05A	comp=Z,55nm,0.6s,mb4.9	Bend	55.83 60	iP	P	11 32 22.9 -0.4	
J04A	comp=Z,55nm,0.6s,mb4.9	Umpqua Nationa	55.84 61	P	P	11 32 24.2 +0.9	
NEW	comp=Z,55nm,0.6s,mb4.9	Newport	55.91 54	eP	P	11 32 23.6 -0.3	
NEW							
NEW	comp=Z,12nm,1.3s	Newport	55.91 54	eP	P	11 32 23.6 -0.3	
D09A	comp=Z,12nm,1.3s,mb4.8	Jones Farm, Ri	55.92 55	iP	P	11 32 23.1 -0.8	
A11A	comp=Z,55nm,0.6s,mb4.9	Hall Mountain,	55.94 53	iP	P	11 32 24.5 +0.4	
H06A	comp=Z,55nm,0.6s,mb4.9	Lindquist Farm	56.06 59	P	P	11 32 24.9 0.0	
C10A	comp=Z,55nm,0.6s,mb4.9	Spiker Farm,	56.06 54	iP	P	11 32 24.1 -0.8	
ARU	comp=Z,55nm,0.6s,mb4.9	Arti	56.11 318c	eP	P	11 32 24.4 -0.9	
ARU							
ARU	comp=Z,34nm,1.3s,mb5.2	Arti	56.11 318	eP	P	11 32 25.0 -0.3	
G07A	comp=Z,12nm,0.6s,mb4.8	Ruggs Ranch, H	56.15 58	iP	P	11 32 25.1 -0.4	
KHMM	comp=Z,56nm,0.6s,mb4.9	Horse Mountain	56.20 64	iP	P	11 32 27.7 +1.7	
B11A	comp=Z,56nm,0.6s,mb4.9	Sandpoint	56.23 53	iP	P	11 32 25.6 -0.5	
YBH	comp=Z,56nm,0.6s,mb4.9	Yreka Blue Hor	56.34 63	eP	P	11 32 27.4 +0.5	
YBH							
YBH	comp=Z,8.0nm,0.9s	Yreka Blue Hor	56.34 63	eP	P	11 32 27.4 +0.5	
YBH	comp=Z,7.6nm,0.9s,mb4.7	Yreka Blue Hor	56.34 63	P	P	11 32 27.8 +0.9	
A12A	comp=Z,56nm,0.6s,mb4.9	Yaak River Ran	56.34 52	iP	P	11 32 26.4 -0.6	
K04A	comp=Z,56nm,0.6s,mb4.9	Chilquin	56.43 62	iP	P	11 32 27.9 +0.3	
D10A	comp=Z,56nm,0.6s,mb4.9	Wagner Farm, O	56.51 55	iP	P	11 32 26.7 -1.4	
G08A	comp=Z,56nm,0.6s,mb4.9	Pilot Rock	56.54 58	iP	P	11 32 27.6 -0.7	
J1RN	comp=Z,56nm,0.6s,mb4.9	Jiri	56.55 276	eP	P	11 32 30.5 +2.1	
I06A	comp=Z,20nm,0.8s,mb5.2	Prineville	56.58 59	P	P	11 32 29.4 +0.8	
L04A	comp=Z,56nm,0.6s,mb4.9	Klamath Falls	56.58 62	P	P	11 32 29.6 +0.9	
H07A	comp=Z,56nm,0.6s,mb4.9	Lands Inn, Kim	56.59 59	iP	P	11 32 28.3 -0.4	
GUN	comp=Z,30nm,1.0s,mb5.3	Gumba	56.60 277	eP	P	11 32 30.6 +1.8	
M04C	comp=Z,56nm,0.6s,mb4.9	Macdoel	56.84 62	P	P	11 32 31.1 +0.6	
F09A	comp=Z,56nm,0.6s,mb4.9	S2 Ranch, Elgi	56.91 57	iP	P	11 32 31.2 +0.2	
I07A	comp=Z,						

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like L12A House Creek Ra, R07C Lee Vining, K13A Stover Farm, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like SRU San Rafael, 109C Carver Elliot, ULM Lac du Bonnet, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like ZST comp=Z,7.4nm,1.2s,mb4.6, KHC Kasperke Hory, KHC Kasperke Hory, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MFF Saint Martin d, MBDF Montbardon, etc.

ISCJB 30 11:27:36.2e.0.9, 141N.0.1, 5151E.006, h10km, mb3.9/5, Error ellipse: s-maj=16.4km s-min=5.0km az=126.6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ABTO Aybut, RBK Rabut, etc.

NEIC 30 11:45:00.0, 3940Sx1771.1E, h40km, mb4.1/2, ML3.7(WEL), After WEL.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BKZ Black Stump Fm, KNZ Kokohu, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TIWZ Tintock, WRZ Wanganui, etc.

NNC 30 11:57:44.8-4.7, 4032N.7637E, h0km, mb3.7, mpv3.3, 4C-2D, Error ellipse: s-maj=47.3km s-min=28.7km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ULHL Ulahol, KZA Kzarat, etc.

ISCJB 30 12:00:05.6-1.0, 3623N.009.716E.04, h158km, 30km, Error ellipse: s-maj=51.3km s-min=13.4km az=170.9

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CEP Cherat, CHW Chirah Chowk, etc.

ISCJB 30 12:05:38.9-0.6, 4299N.007.026E.005, h11km, Error ellipse: s-maj=10.1km s-min=4.1km az=149.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EPF Esparros, LAFB Labassere, etc.

ISCJB 30 12:05:38.9-1.1, 4301N.008.023E.005, h16km, 8km, n11, e027/18, 1C, France

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EPF Esparros, LAFB Labassere, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AOJB Aqaba, HRFI Mount Harif, etc.

ISC 30 12:47:24.1e.3.5, 1126S.11460E, h0km, mb3.3/4, mb1 3.5/5, mb1mx3.4/17, mbtmp3.4/5, ML3.2/1, Error ellipse: s-maj=163.9km s-min=21.3km az=47.0, South of Ball

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

MOS 30 13:08:08.5-1.9, 4926N.15366E, h50km, mb4.2/5, Error ellipse: s-maj=37.8km s-min=20.1km az=81.6

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

ISC 30 13:08:19.1-1.4, 491N.01.1536E.02, h130km, 12km, n35, e071/35, mb3.7/19, 1C, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YKA Yellowknife Arr, JOF Joensuu, etc.

ISCJB 30 12:05:38.9-0.6, 4299N.007.026E.005, h11km, Error ellipse: s-maj=10.1km s-min=4.1km az=149.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warrungunga Arr, SCHO Schefferville, etc.

ISC 30 12:05:38.9-1.1, 4301N.008.023E.005, h16km, 8km, n11, e027/18, 1C, France

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warrungunga Arr, SCHO Schefferville, etc.

ISC 30 13:15:18.1e.19.0, 1948S.17788W, h475km, 185km, mb3.3/2, mb1 3.6/3, mb1mx3.0/16, mbtmp3.4/3, Error ellipse: s-maj=141.7km s-min=34.8km az=36.0, Fiji Islands region

30d 14h

Table with columns for call sign, name, frequency, and other details. Includes entries like CGA2 JCR JuntasAbangare, JTS JuntasAbangare, JTS JuntasAbangare, etc.

2006 DEC

Table with columns for call sign, name, frequency, and other details. Includes entries like TZTN comp=Z,1,um,21.0s,MS4.5, LTX LTX, TXAR Lajitas Array, TXAR Lajitas Array, etc.

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Table with columns for call sign, name, frequency, and other details. Includes entries like X14A Yava, W15A Williams, Y13A Salome, etc.

30d 14h

Table with columns: Call sign, Frequency, Power, Direction, Azimuth, Elevation, Azimuth error, Elevation error, and other parameters. Includes stations like A05A, TA0E, YKA, etc.

2006 DEC

Table with columns: Call sign, Frequency, Power, Direction, Azimuth, Elevation, Azimuth error, Elevation error, and other parameters. Includes stations like VNA3, VNA2, AFI, etc.

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Table with columns: Call sign, Frequency, Power, Direction, Azimuth, Elevation, Azimuth error, Elevation error, and other parameters. Includes stations like HHC, GHTA, GSA, etc.

ISCJB 30 14:33:12.4e.0.5, 4565N.009.1433E.0.1, h353km, 7km, mb3.1/6, Error ellipse: s-maj=14.3km s-min=13.5km az=88.6

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JW2K, JWR, ASAJ, etc.

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

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

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

IS/CBJB 30 15:05:27.3, 0.5, 40.45N, 0.03x2159E, 0.03, h1km, 7km, Error ellipse: s-maj=4.4km s-min=3.9km az=34.8

SKO 30 15:05:27.6, 40.40N, 0.2156E, h0km Error ellipse: s-maj=2.2km s-min=1.4km az=57.0

Code Station Name Az Phase ID Time Res. Includes WRA, ASAR, STKA.

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

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

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

Code Station Name Az Phase ID Time Res. Includes IDC 30 15:06:02.3, 6.1, 168.8S, 1498W, h0km, mb4, 1/4.

Code Station Name Az Phase ID Time Res. Includes IDC 30 15:06:02.3, 6.1, 168.8S, 1498W, h0km, mb4, 1/4.

Code Station Name Az Phase ID Time Res. Includes HOPS, HOPS, HOPS.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes TORO, BRTR, MLR, AKASG.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes TORO, BRTR, MLR, AKASG.

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

Code Station Name Az Phase ID Time Res. Includes IDC 30 15:20:40.3, 64.0, 178.8S, 17969E, h700km, 313km.

Code Station Name Az Phase ID Time Res. Includes IDC 30 15:20:40.3, 64.0, 178.8S, 17969E, h700km, 313km.

Code Station Name Az Phase ID Time Res. Includes HOPS, HOPS, HOPS.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes DZM, STKA, WRA, ASAR, FITZ.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes DZM, STKA, WRA, ASAR, FITZ.

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

SZGRF 30 16:05:47.9, 162.4S, 17625W, h33km, Fiji Islands region

IS/CBJB 30 16:05:57.3, 1.4, 177.5S, 0.06x17495W, 0.10, h171km, 14km, mb4, 4/25, Error ellipse: s-maj=15.7km s-min=8.2km az=39.6

Code Station Name Az Phase ID Time Res. Includes HOPS, HOPS, HOPS.

BUI 30 16:05:57.5, 177.0S, 17500W, h169km, mb5.3, mb4.6

IDC 30 16:05:58.3, 1.6, 176.3S, 17511W, h168km, 15km, mb4, 1/13, mb1 4.3/14, mb1mx3.4/17, mb1mx4.2/14, Error ellipse: s-maj=18.6km s-min=10.1km az=126.0

Code Station Name Az Phase ID Time Res. Includes HOPS, HOPS, HOPS.

NEIC 30 16:05:58.2, 1.2, 176.8S, 17496W, h163km, 10km, mb4, 6/11, Error ellipse: s-maj=12.4km s-min=6.9km az=122.0

IDC 30 16:05:57.5, 1.2, 177.4S, 0.06x17484W, 0.10, h161km, 12km, n102, 0e94/55, mb4, 4/25, SC-5D, Tonga Islands

Code Station Name Az Phase ID Time Res. Includes HOPS, HOPS, HOPS.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes AFI, AFI, AFU, DZM, MWZ, URZ.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes AFI, AFI, AFU, DZM, MWZ, URZ.

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

URZ 3.6nm, 0.9s, baz=173, slow=9.3, SNR=3.3

URZ 3.6nm, 0.9s, baz=173, slow=9.3, SNR=3.3

Code Station Name Az Phase ID Time Res. Includes HOPS, HOPS, HOPS.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes URZ, BKZ, SNZO, NNZ, THZ, LTZ, RPZ, CTAO, STKA, STKA.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes URZ, BKZ, SNZO, NNZ, THZ, LTZ, RPZ, CTAO, STKA, STKA.

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

LDG 30 16:21:40.5, 0.0, 46.10N, 282E, h13km, Md1.7/3, M12.0/6, Error ellipse: s-maj=0.9km s-min=0.6km az=114.0

STR 30 16:21:41.4, 0.3, 46.60N, 286E, h5km, 1km, M12.1, Error ellipse: s-maj=0.0km s-min=0.0km az=1.0, France

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

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

30d 17h

Table with columns: PKD, NVAR, NVAR, NVAR, MOD, MTUM, HUMO, THP, DAC, DUG, PDR, ULM. Includes station names like Parkfield, Mina Array Bea, and various codes and times.

NEIC 30 16:49:50.1, 3788S-17649E, h144km, MG3.8(WEL), After WEL. WEL 30 16:49:50.4, 0.3, 3789S-17650E, h141km, MG3.7/12, 1D, Error ellipse: s-maj=1.6km s-min=1.3km az=0.0, North Island

Main station list table for the 30d 17h period. Columns include Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like KARZ, KGRZ, TGRZ, URZ, etc.

IDC 30 16:58:30.9, 27.0, 2258S-17355W, h0km, mb4.3/4, mb1.4/4.1, mb1mx4.0/1.5, mbtmp4.3/4, 1D, Error ellipse: s-maj=491.6km s-min=154.4km az=76.0, Tonga Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like CTA, STKA, ASAR, WB2, WRA.

NIED 30 17:28:00.3420N-13930E, h5km, Mw4.2 Best double couple: M2.360000*1015 N1.1610000, s56.00000, x-131.00000, NP2=353.00000, s52.00000, x-46.00000

IDC 30 17:28:07.0, 0.6, 3420N-13925E, h0km, mb3.8/12, mb1.4/0.16, mb1mx3.9/2.6, mbtmp3.9/1.6, ML3.3/MS3.6/1, Ms1.3/6.1, ms1mx2.6/3.3, Error ellipse: s-maj=20.2km s-min=12.1km az=70.0

ISCJB 30 17:28:08.3, 3421N-13925E, h19km, 3km, mb3.8/13, Error ellipse: s-maj=8.3km s-min=5.3km az=8.2

JMA 30 17:28:08.8, 3424N-13923E, h13km, 1km, M4.3 Broadband fault plane solution: P waves. NP1: s124.00000, s46.00000, x-141.00000. NP2: s5.00000, s63.00000, x-51.00000. Principal axes: T P1g10.0000, Azm68.0000; N P1g34.0000, Azm165.0000; P P1g54.0000, Azm324.0000

MOS 30 17:28:09.5, 1.0, 3413N-13909E, h33km, mb4.6/3 Error ellipse: s-maj=30.4km s-min=10.9km az=111.0

BUI 30 17:28:13.4, 3486N-13899E, h28km, mb4.8, mb4.7 NEIC 30 17:28:13.3, 3424N-13914E, h43km, 1km, mb4.3/1, Error ellipse: s-maj=14.1km s-min=8.3km az=96.0

NEIC Recorded [3 JMA] on Nii-jima, [2 JMA] on Kozu-shima and [1 JMA] on Miyake-jima. ISC 30 17:28:08.4, 0.7, 3421N-13930E, h9km, 4km, n34, o095/43, mb3.8/13, 2C-3D, Near south coast of eastern

2006 DEC

Main station list table for the 2006 DEC period. Columns include Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Honshu, JKO, JKI, etc.

ISCJB 30 17:28:09.5, 0.3, 5465N-107.16879E, h10km, mb4.1/39, Error ellipse: s-maj=10.1km s-min=5.7km az=165.8

NEIC 30 17:28:11.0, 0.3, 5460N-16881E, h10km, mb4.5/19, Error ellipse: s-maj=8.3km s-min=4.8km az=175.0

MOS 30 17:28:11.0, 0.3, 5460N-16880E, h33km, mb4.6/17, Error ellipse: s-maj=12.2km s-min=8.3km az=99.7

IDC 30 17:28:14.2, 0.5, 5463N-16882E, h30km, mb3.7/21, mb1.3/9.2/1, mb1mx3.9/2.5, mbtmp3.7/21, MS3.4/1, Ms1.3/4.1, ms1mx3.0/3.7, Error ellipse: s-maj=16.0km s-min=9.4km az=172.0

ISC 30 17:28:10.9, 4.3, 5468N-108.16879E, h8km, 26km, n87, o096/89, mb4.1/39, Komandorsky Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like SMY, PET, BIL, etc.

BUI 30 17:28:16.6, 5470N-16880E, h10km, mb5.2, mb4.7, Ms4.7, Ms24.3

MOS 30 17:28:19.2, 2.4, 5394N-16870E, h52km, mb5.0/14, Error ellipse: s-maj=14.6km s-min=10.2km az=101.0

NEIC 30 17:28:19.7, 0.7, 5465N-16883E, h10km, mb5.0/21, Error ellipse: s-maj=16.5km s-min=8.4km az=198.0

ISCJB 30 17:28:25.7, 2.0, 5484N-1008.16880E, h0.6, h51km, 18km, mb4.6/45, Error ellipse: s-maj=12.7km s-min=5.1km az=12.6

ISC 30 17:28:26.3, 1.5, 5490N-1008.16888E, h0.6, h51km, 14km, n303, o095/304, mb4.6/45, MS4.0, 2/96C-93D, Komandorsky Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like COLA, SMI, SBY, etc.

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Table with columns: NEW, YBH, YAL, ZAL, MOD, CHMT, OHCM, FCC, FCC, MCC, QMTC, NVAR, RLMT, KURK, KURK, KURK, LAO, MKAR, PDAR, ARCES, BRVK, BRVK, BRVK, ARU, ARU, ARU, PV01, SMCO, MVCO, EYMN, ANZO, LAMZ, BNM, MNTX, NB2, NOA, WMOK, WMOK, WMOK, LTX, LTX, KBL, AKAS, GERES, GERES, BRTR, WRA, WRA, ASAR, ASAR. Includes station names like Newport, Yreka Blue Hor, Zalesovo, etc.

ISCJB 30 17:28:26.3, 1.5, 5490N-1008.16888E, h0.6, h51km, 14km, n303, o095/304, mb4.6/45, MS4.0, 2/96C-93D, Komandorsky Islands region

BUI 30 17:28:16.6, 5470N-16880E, h10km, mb5.2, mb4.7, Ms4.7, Ms24.3

MOS 30 17:28:19.2, 2.4, 5394N-16870E, h52km, mb5.0/14, Error ellipse: s-maj=14.6km s-min=10.2km az=101.0

NEIC 30 17:28:19.7, 0.7, 5465N-16883E, h10km, mb5.0/21, Error ellipse: s-maj=16.5km s-min=8.4km az=198.0

ISCJB 30 17:28:25.7, 2.0, 5484N-1008.16880E, h0.6, h51km, 18km, mb4.6/45, Error ellipse: s-maj=12.7km s-min=5.1km az=12.6

ISC 30 17:28:26.3, 1.5, 5490N-1008.16888E, h0.6, h51km, 14km, n303, o095/304, mb4.6/45, MS4.0, 2/96C-93D, Komandorsky Islands region

ISCJB 30 17:28:09.5, 0.3, 5465N-107.16879E, h10km, mb4.1/39, Error ellipse: s-maj=10.1km s-min=5.7km az=165.8

NEIC 30 17:28:11.0, 0.3, 5460N-16881E, h10km, mb4.5/19, Error ellipse: s-maj=8.3km s-min=4.8km az=175.0

MOS 30 17:28:11.0, 0.3, 5460N-16880E, h33km, mb4.6/17, Error ellipse: s-maj=12.2km s-min=8.3km az=99.7

IDC 30 17:28:14.2, 0.5, 5463N-16882E, h30km, mb3.7/21, mb1.3/9.2/1, mb1mx3.9/2.5, mbtmp3.7/21, MS3.4/1, Ms1.3/4.1, ms1mx3.0/3.7, Error ellipse: s-maj=16.0km s-min=9.4km az=172.0

ISC 30 17:28:10.9, 4.3, 5468N-108.16879E, h8km, 26km, n87, o096/89, mb4.1/39, Komandorsky Islands region

ISCJB 30 17:28:09.5, 0.3, 5465N-107.16879E, h10km, mb4.1/39, Error ellipse: s-maj=10.1km s-min=5.7km az=165.8

NEIC 30 17:28:11.0, 0.3, 5460N-16881E, h10km, mb4.5/19, Error ellipse: s-maj=8.3km s-min=4.8km az=175.0

MOS 30 17:28:11.0, 0.3, 5460N-16880E, h33km, mb4.6/17, Error ellipse: s-maj=12.2km s-min=8.3km az=99.7

IDC 30 17:28:14.2, 0.5, 5463N-16882E, h30km, mb3.7/21, mb1.3/9.2/1, mb1mx3.9/2.5, mbtmp3.7/21, MS3.4/1, Ms1.3/4.1, ms1mx3.0/3.7, Error ellipse: s-maj=16.0km s-min=9.4km az=172.0

ISC 30 17:28:10.9, 4.3, 5468N-108.16879E, h8km, 26km, n87, o096/89, mb4.1/39, Komandorsky Islands region

ISCJB 30 17:28:09.5, 0.3, 5465N-107.16879E, h10km, mb4.1/39, Error ellipse: s-maj=10.1km s-min=5.7km az=165.8

NEIC 30 17:28:11.0, 0.3, 5460N-16881E, h10km, mb4.5/19, Error ellipse: s-maj=8.3km s-min=4.8km az=175.0

MOS 30 17:28:11.0, 0.3, 5460N-16880E, h33km, mb4.6/17, Error ellipse: s-maj=12.2km s-min=8.3km az=99.7

IDC 30 17:28:14.2, 0.5, 5463N-16882E, h30km, mb3.7/21, mb1.3/9.2/1, mb1mx3.9/2.5, mbtmp3.7/21, MS3.4/1, Ms1.3/4.1, ms1mx3.0/3.7, Error ellipse: s-maj=16.0km s-min=9.4km az=172.0

ISC 30 17:28:10.9, 4.3, 5468N-108.16879E, h8km, 26km, n87, o096/89, mb4.1/39, Komandorsky Islands region

ISCJB 30 17:28:09.5, 0.3, 5465N-107.16879E, h10km, mb4.1/39, Error ellipse: s-maj=10.1km s-min=5.7km az=165.8

NEIC 30 17:28:11.0, 0.3, 5460N-16881E, h10km, mb4.5/19, Error ellipse: s-maj=8.3km s-min=4.8km az=175.0

MOS 30 17:28:11.0, 0.3, 5460N-16880E, h33km, mb4.6/17, Error ellipse: s-maj=12.2km s-min=8.3km az=99.7

IDC 30 17:28:14.2, 0.5, 5463N-16882E, h30km, mb3.7/21, mb1.3/9.2/1, mb1mx3.9/2.5, mbtmp3.7/21, MS3.4/1, Ms1.3/4.1, ms1mx3.0/3.7, Error ellipse: s-maj=16.0km s-min=9.4km az=172.0

ISC 30 17:28:10.9, 4.3, 5468N-108.16879E, h8km, 26km, n87, o096/89, mb4.1/39, Komandorsky Islands region

ISCJB 30 17:28:09.5, 0.3, 5465N-107.16879E, h10km, mb4.1/39, Error ellipse: s-maj=10.1km s-min=5.7km az=165.8

NEIC 30 17:28:11.0, 0.3, 5460N-16881E, h10km, mb4.5/19, Error ellipse: s-maj=8.3km s-min=4.8km az=175.0

MOS 30 17:28:11.0, 0.3, 5460N-16880E, h33km, mb4.6/17, Error ellipse: s-maj=12.2km s-min=8.3km az=99.7

IDC 30 17:28:14.2, 0.5, 5463N-16882E, h30km, mb3.7/21, mb1.3/9.2/1, mb1mx3.9/2.5, mbtmp3.7/21, MS3.4/1, Ms1.3/4.1, ms1mx3.0/3.7, Error ellipse: s-maj=16.0km s-min=9.4km az=172.0

ISC 30 17:28:10.9, 4.3, 5468N-108.16879E, h8km, 26km, n87, o096/89, mb4.1/39, Komandorsky Islands region

ISCJB 30 17:28:09.5, 0.3, 5465N-107.16879E, h10km, mb4.1/39, Error ellipse: s-maj=10.1km s-min=5.7km az=165.8

NEIC 30 17:28:11.0, 0.3, 5460N-16881E, h10km, mb4.5/19, Error ellipse: s-maj=8.3km s-min=4.8km az=175.0

MOS 30 17:28:11.0, 0.3, 5460N-16880E, h33km, mb4.6/17, Error ellipse: s-maj=12.2km s-min=8.3km az=99.7

IDC 30 17:28:14.2, 0.5, 5463N-16882E, h30km, mb3.7/21, mb1.3/9.2/1, mb1mx3.9/2.5, mbtmp3.7/21, MS3.4/1, Ms1.3/4.1, ms1mx3.0/3.7, Error ellipse: s-maj=16.0km s-min=9.4km az=172.0

ISC 30 17:28:10.9, 4.3, 5468N-108.16879E, h8km, 26km, n87, o096/89, mb4.1/39, Komandorsky Islands region

ISCJB 30 17:28:09.5, 0.3, 5465N-107.16879E, h10km, mb4.1/39, Error ellipse: s-maj=10.1km s-min=5.7km az=165.8

NEIC 30 17:28:11.0, 0.3, 5460N-16881E, h10km, mb4.5/19, Error ellipse: s-maj=8.3km s-min=4.8km az=175.0

MOS 30 17:28:11.0, 0.3, 5460N-16880E, h33km, mb4.6/17, Error ellipse: s-maj=12.2km s-min=8.3km az=99.7

IDC 30 17:28:14.2, 0.5, 5463N-16882E, h30km, mb3.7/21, mb1.3/9.2/1, mb1mx3.9/2.5, mbtmp3.7/21, MS3.4/1, Ms1.3/4.1, ms1mx3.0/3.7, Error ellipse: s-maj=16.0km s-min=9.4km az=172.0

ISC 30 17:28:10.9, 4.3, 5468N-108.16879E, h8km, 26km, n87, o096/89, mb4.1/39, Komandorsky Islands region

INK	Inuvik	29.21	40	pP	P	17 34 23.7 +0.6
TLY	comp=Z,1.4nm,0.5s,mb4.0,baz=281,slow=8.1,SNR=4.9					
TLY	Talaya	37.87	293	eP	P	17 35 44.8 +6.6
TLY	comp=Z,16nm,1.4s,mb4.6					17 44 31.8
TLY	comp=Z,1.28nm,16.0s,MS3.8					
YKA	Yellowknife Ar	38.23	47	pP	P	17 35 41.2 0.0
YKA	Yellowknife Ar	38.23	47	pP	P	17 35 41.2 0.0
SONM	Songino Array	38.46	286	pP	P	17 35 43.3 +0.1
SONM	comp=Z,2.5nm,0.7s,mb4.1,baz=61,slow=8.3,SNR=13					
SONM	Songino Array	38.46	286	pP	P	17 35 43.3 +0.1
ZAK	Zakamensk	38.75	291	eP	P	17 35 45.0 +0.2
ZAK	Zakamensk	38.75	291	eP	P	17 35 45.0 +0.2
RES	Resolute Bay	39.62	24	eP	P	17 35 52.8 -0.1
RES	Resolute Bay	39.62	24	eP	P	17 35 52.8 0.0
KRAR	Krasnyarsk	41.08	3041	eP	P	17 36 06.4 +1.5
KRAR	comp=Z,1.9nm,0.8s,mb4.8					
KRAR	Krasnyarsk	41.08	3041	eP	P	17 36 06.4 +1.5
KRAR	comp=Z,1.9nm,0.8s,mb4.8					
C04A	Brinnon	41.65	71	↑P	P	17 36 09.9 +0.3
B05A	Bryant	41.80	69	↑P	P	17 36 11.2 +0.3
B06A	Marblemount	41.98	69	↑P	P	17 36 12.3 0.0
E03A	Lebam	42.02	72	↑P	P	17 36 12.8 +0.1
A07A	Ashnola River,	42.26	67	↑P	P	17 36 14.8 +0.2
C05A	Toit Reservoir	42.36	70	↑P	P	17 36 15.4 0.0
D05A	Enumclaw	42.50	71	↑P	P	17 36 16.0 -0.5
B07A	Winthrop	42.75	68	↑P	P	17 36 18.9 +0.3
A08A	Turner Farm, O	42.91	67	↑P	P	17 36 20.1 +0.2
E05A	Randle	43.00	71	↑P	P	17 36 20.6 -0.1
F04A	Amboy	43.03	72	↑P	P	17 36 20.5 -0.3
D06A	Cle Elum	43.12	70	↑P	P	17 36 21.5 0.0
B08A	Colville Reser	43.23	68	↑P	P	17 36 22.6 +0.2
C07A	Waterville	43.24	69	↑P	P	17 36 22.5 0.0
A09A	Danville	43.26	67	↑P	P	17 36 23.2 +0.5
H03A	Soap Creek Ran	43.32	74	↑P	P	17 36 22.5 -0.7
E06A	Yakima	43.44	71	↑P	P	17 36 24.6 +0.4
I02A	Mapleton	43.45	75	↑P	P	17 36 23.9 -0.3
F05A	White Salmon	43.58	72	↑P	P	17 36 25.0 -0.3
D07A	Quincy	43.59	69	↑P	P	17 36 25.3 0.0
C08A	Higginbotham F	43.73	68	↑P	P	17 36 26.2 -0.3
B09A	Rice	43.82	67	↑P	P	17 36 27.3 +0.1
H04A	Detroit Lake	43.93	74	↑P	P	17 36 27.9 -0.2
J02A	Umpqua	43.99	76	↑P	P	17 36 28.2 -0.4
E07A	Sunnyside	44.04	70	↑P	P	17 36 28.8 -0.2
G05A	Wamic	44.06	72	↑P	P	17 36 29.0 -0.2
C09A	Chrisman Ranch	44.13	68	↑P	P	17 36 29.4 -0.3
D08A	Wollman Farm,	44.24	69	↑P	P	17 36 30.3 -0.3
J03A	Ideyid Park	44.33	76	↑P	P	17 36 31.5 +0.2
I04A	Tendick Farm,	44.37	75	↑P	P	17 36 31.6 0.0
B10A	Chitwood Farm,	44.39	67	↑P	P	17 36 31.5 -0.3
F07A	Phinny Hill Vi	44.41	71	↑P	P	17 36 32.1 +0.1
A11A	Hall Mountain,	44.45	65	↑P	P	17 36 32.6 +0.4
NEW	Newport	44.46	66	pP	P	17 36 31.8 -0.6
NEW	Newport	44.46	66	pP	P	17 36 31.8 -0.6
H05A	Madras	44.48	73	↑P	P	17 36 32.4 -0.2
E08A	Dider Farm, El	44.52	70	↑P	P	17 36 32.6 -0.2
D09A	Jones Farm, Ri	44.57	69	↑P	P	17 36 33.0 -0.2
B11A	Sandpoint	44.76	66	↑P	P	17 36 35.6 +0.9
L02A	Cave Junction	44.76	77	↑P	P	17 36 34.4 -0.3
I05A	Bend	44.77	74	↑P	P	17 36 34.5 -0.3
A12A	Yaak River Ran	44.83	65	↑P	P	17 36 35.7 +0.4
HUMO	Hull Mountain	44.83	76	↑P	P	17 36 35.2 -0.1
J04A	Umpqua Nationa	44.89	75	↑P	P	17 36 35.8 0.0
H06A	Lindquist Farm	44.92	72	↑P	P	17 36 35.9 -0.2
G07A	Ruggs Ranch, H	44.95	71	↑P	P	17 36 35.9 -0.3
D10A	Wagner Farm, O	45.13	68	↑P	P	17 36 37.5 -0.2
G08A	Pilot Rock	45.32	71	↑P	P	17 36 38.8 -0.4
J05A	Fort Rock	45.35	75	↑P	P	17 36 39.8 +0.3
H07A	Lands Inn, Kim	45.44	72	↑P	P	17 36 39.8 -0.3
A13A	Flathead Natio	45.47	64	↑P	P	17 36 39.7 -0.7
I06A	Prineville	45.50	73	↑P	P	17 36 40.3 +0.3
YBH	Yreka Blue Hor	45.54	77	↑P	P	17 36 41.5 +0.6
YBH	Yreka Blue Hor	45.54	77	pP	P	17 36 41.2 +0.3
YBH	Yreka Blue Hor	45.54	77	pP	P	17 36 41.2 +0.3
E10A	Myers Farm, Un	45.57	68	↑P	P	17 36 40.5 -0.6
F09A	S2 Ranch, Elgi	45.63	70	↑P	P	17 36 41.4 -0.2
L04A	Klamath Falls	45.71	76	↑P	P	17 36 42.2 -0.1
I07A	Izee	45.80	73	↑P	P	17 36 42.6 -0.3
F10A	Beach Ranch, E	45.83	69	↑P	P	17 36 43.2 0.0
K05A	Summer Lake	45.91	75	↑P	P	17 36 43.6 -0.2
H08A	Prairie City	45.97	72	↑P	P	17 36 44.2 -0.2
J06A	Christmas Vall	45.98	74	↑P	P	17 36 44.7 +0.4
M04C	Macdoel	46.00	77	↑P	P	17 36 44.6 +0.1
E11A	Bogner Ranch,	46.14	68	↑P	P	17 36 45.5 0.0
C13A	Hot Springs	46.17	77	↑P	P	17 36 46.5 +0.7
M03C	McCloud	46.17	77	↑P	P	17 36 46.2 +0.3
K06A	Valley Falls	46.22	74	↑P	P	17 36 46.7 +0.5
J07A	Hines	46.36	73	↑P	P	17 36 47.4 0.0
L05A	Lakeview	46.39	76	↑P	P	17 36 47.7 +0.1
WDC	Whiskeytown Da	46.40	78	↑P	P	17 36 47.8 +0.1
I08A	Drewsey	46.42	72	↑P	P	17 36 48.0 +0.2
H09A	Durkee	46.43	71	↑P	P	17 36 48.1 +0.2

F11A	Grangeville	46.46	69	P	P	17 36 47.5 -0.7
O02C	Red Bluff	46.53	79	↑P	P	17 36 49.2 +0.5
C14A	Swan Lake	46.55	65	↑P	P	17 36 48.8 -0.1
D13A	Huson	46.60	66	↑P	P	17 36 48.5 -0.7
M05C	Lookout	46.67	76	P	P	17 36 50.1 +0.3
P01C	Double 8 Ranch	46.70	80	↑P	P	17 36 49.9 -0.9
G11A	Walters Elk Ra	46.72	69	↑P	P	17 36 49.9 -0.2
M10D	Modoc	46.78	75	eP	P	17 36 50.4 -0.2
MOD	comp=Z,6.0nm,0.7s,mb4.6					
MOD	Greenough	46.78	75	P	P	17 36 50.7 +0.1
J08A	Circle Bar Ran	46.84	73	↑P	P	17 36 51.1 0.0
I09A	Lost Marbles R	46.84	72	↑P	P	17 36 50.6 -0.5
K07A	Rock Creek Ran	46.84	74	↑P	P	17 36 51.5 +0.4
HATC	Hat Creek Radi	46.85	77	↑P	P	17 36 50.7 -0.5
H10A	Noah's Angus R	46.98	70	↑P	P	17 36 50.8 -1.4
F12A	Elk City	47.03	68	P	P	17 36 52.6 0.0
D14A	Greenough	47.11	66	↑P	P	17 36 52.8 -0.4
M06C	Likely Place G	47.15	76	↑P	P	17 36 53.6 +0.1
E13A	Victor	47.16	67	↑P	P	17 36 53.7 +0.1
HOPS	Hopland	47.17	80	↑P	P	17 36 52.1 -1.6
L07A	Adell	47.24	75	↑P	P	17 36 54.5 +0.2
J09A	Fry Pan Ranch,	47.24	72	P	P	17 36 54.5 +0.3
K08A	Mann Creek Ran	47.24	73	↑P	P	17 36 54.3 0.0
H11A	Donnelly	47.30	70	↑P	P	17 36 54.4 -0.3
CHMT	Chamberlain Mo	47.35	66	eP	P	17 36 54.2 -0.9
O04C	Chester	47.40	78	↑P	P	17 36 55.5 0.0
ELFS	Eagle Lake Fie	47.40	77	↑P	P	17 36 55.8 +0.4
F13A	Darby	47.50	68	↑P	P	17 36 56.3 0.0
E14A	Clinton	47.54	66	↑P	P	17 36 56.6 0.0
MNRC	McLaughlin Nat	47.61	80	↑P	P	17 36 56.5 -0.6
D15A	Lincoln	47.65	65	↑P	P	17 36 57.8 +0.4
L08A	Fields	47.68	74	P	P	17 36 57.9 +0.2
ORV	Oroville	47.68	79	P	P	17 36 56.9 -0.8
K09A	Rome	47.68	73	↑P	P	17 36 57.5 -0.1
J10A	Berg Farm, Mel	47.73	71	↑P	P	17 36 57.9 -0.1
O05C	Quincy	47.73	78	↑P	P	17 36 58.0 -0.1
SUTB	Sutter Butte	47.74	79	↑P	P	17 36 57.5 -0.6
M07A	Soldier Meadow	47.75	75	↑P	P	17 36 58.5 +0.3
N06A	Buffalo Meadow	47.81	76	P	P	17 36 58.6 0.0
OCHM	Hotuit	47.84	79	eP	P	17 36 58.2 -0.7
I11A	Placerville	47.85	70	↑P	P	17 36 58.8 -0.1
E15A	Deer Lodge	47.99	66	P	P	17 36 60.0 -0.1
G13A	Cobalt	48.01	68	P	P	17 36 60.0 -0.2
H12A	Diamond D Ran	48.03	69	↑P	P	17 37 00.9 +0.5
K10A	MacKenzie Ran	48.10	72	P	P	17 37 00.9 0.0
BEKR	Beckworth	48.11	77	↑P	P	17 37 00.6 -0.5
M08A	Happy Creek Ra	48.15	75	↑P	P	17 37 01.9 +0.6
MFID	Camas Ranch	48.25	71	↑P	P	17 37 02.1 0.0
N07B	Gerlach	48.27	76	↑P	P	17 37 02.0 -0.3
G14A	Jackson	48.32	68	↑P	P	17 37 01.6 -0.1
P05C	Yuba Gap, Truc	48.36	78	↑P	P	17 37 02.3 -0.6
EGMT	Eggleton	48.45	62	↑P	P	17 37 03.5 -0.1
P06A	Stead Airport,	48.50	77	↑P	P	17 37 04.1 +0.1
LAVA	Lav Cap Winer	48.66	79	P	P	17 37 05.0 -0.2
M09A	Marrel Ranch,	48.69	74	↑P	P	17 37 05.9 +0.4
FCC	Fort Churchill	48.71	43	eP	P	17 37 05.6 0.0
FCC	comp=Z,1.1nm,0.8s,mb4.9					
FCC	Fort Churchill	48.71	43	eP	P	17 37 05.6 0.0
O07A	Toulon	48.75	76	↑P	P	17 37 06.0 +0.1
J12A	Stokes Ranch,	48.76	71	↑P	P	17 37 06.0 0.0
WCN	Washoe City	48.84	78	↑P	P	17 37 06.6 0.0
G15A	Dillon	48.89	67	↑P	P	17 37 06.9 -0.1
HLID	Hailey	48.92	70	↑P	P	17 37 07.2 0.0
MCMT	McKenzie Canyo	49.02	68	eP	P	17 37 06.1 -1.2
BOZ	Bozeman (W)	49.03	66	eP	P	17 37 08.6 +0.5
N09A	Rock Creek Ran	49.03	75	↑P	P	17 37 08.4 +0.3
O08A	Rochester Mine	49.06	76	↑P	P	17 37 08.7 +0.4
R05C	Kirkwood Meado	49.07	78	↑P	P	17 37 08.4 0.0

2006 DEC

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like JOF Joensuu, ANMO Albuquerque, LAZ Ladron, KAF Kangasniemi, etc.

NEIC 30 17:39:14.0, 0.9, 4855Sx11664W, h10km, Error ellipse: s-maj=70.4km s-min=29.1km az=152.0

GCMT 30 17:39:20.0, 0.2, 4963Sx11600W, h24km, 1km, MW5.2/6.6, Moment Tensor Solution. s61, c62; s66, c90; Duration: 1s0

ISC 30 17:39:13.0, 1.1, 4849S, 11670W, h0km, mb3.9/4, mb1 4.2/4, mb1mx4.0/15, mb1tmp3.9/4, MS4.4/17, Ms1 4.4/17, ms1mx4.2/27

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like USHA Ushuaia, PMSA Palmer Station, TBI Tubuai, etc.

MOS 30 17:42:09.4, 1.4, 1378N, 9052W, h33km, mb5.2/2.2, Error ellipse: s-maj=13.2km s-min=5.4km az=105.6

BJJ 30 17:42:14.5, 1380N, 9050W, h69km, mb5.5, Ms5.3, Msz4.8, GCMT 30 17:42:14.6, 0.3, 1365N, 9094W, h56km, 1km, MW5.2/7.8, Moment Tensor Solution. s61, c83; s78, c113; Duration: 1s0

ISC 30 17:42:16.2, 0.2, 1388N, 9035W, h02, h71km, h71km, h71km, pp-P, n472, i01049, mb5.0/7.8, 85C-75D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like PFC Pucaya, PUG Fuego, RTR El Retiro, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like GDL Guadalupe Moun, WVT Waverly, WVT Waverly, etc.

BBSR	comp=Z,35nm,0.7s,mb5.1	eP	pP	17 48 34.1 -0.4
BBSR		eP	pP	17 48 34.3 -0.2
BC3	Big Chuck Mtn	30.97 315	P	17 48 18.2 +0.4
IRM	Iron Mountain	30.06 316	P	17 48 19.0 +0.4
NEE2	Needles Airpor	30.08 318	↑P	17 48 19.8 +1.1
MONP	Monument Peak	30.22 313	P	17 48 20.8 +0.8
PHWY	Pilot Hill	30.25 337	eP	17 48 21.3 +1.1
PHWY		eP	pP	17 48 36.3 -1.0
BELC	Belle Mtn.	30.54 313	↑P	17 48 23.7 +0.9
W12A	Cal Nev Ari	30.57 319	↑P	17 48 23.6 +0.6
PFO	Pinyon Flat Ob	30.64 314	P	17 48 22.9 -0.7
PFO	comp=Z,6.3nm,0.8s,mb4.4,baz=122,slow=11,SNR=9.3	pP	pP	17 51 38.2
PFO	comp=Z,9.3nm,0.9s,baz=82,slow=1.5,SNR=5.3	pP	pP	17 54 58.2 +1.6
PFO	comp=Z,4.1nm,0.8s,baz=97,slow=7.7,SNR=4.1	pP	pP	18 02 43.8
PFO	comp=Z,358nm,18.2s,baz=159,slow=40	pP	pP	17 48 24.3 +0.6
PFO	Pinyon Flat Ob	30.64 314	eP	17 48 40.7 0.0
PFO	comp=Z,26nm,1.3s,mb4.8	eP	pP	17 48 24.3 +0.7
PFO	Pinyon Flat Ob	30.64 314	eP	17 48 40.7 0.0
PFO	comp=Z,26nm,1.3s,mb4.8	eP	pP	17 48 24.3 +0.7
PFO	Pinyon Flat Ob	30.64 314	eP	17 48 24.3 +0.7
PAL	Palisades	30.68 25	P	17 48 23.2 -0.8
PAL		eP	pP	17 48 41.0 0.0
PAL	comp=Z,42nm,1.2s,mb5.0	eP	pP	17 48 23.2 -0.8
PAL	Palisades	30.68 25	P	17 48 23.2 -0.8
PAL	comp=Z,42nm,1.2s,mb5.0	eP	pP	17 48 23.2 -0.8
PAL	San Rafael	30.69 329	eP	17 48 24.6 +0.4
SRU		eP	pP	17 51 37.8
109C	Camp Elliot, M	30.71 313	↑P	17 48 24.6 +0.3
GMRC	Granite Mounta	30.77 317	P	17 48 25.4 +0.6
V12A	Nelson	30.82 319	P	17 48 26.1 +0.9
BINY	Binghamton	30.91 21	eP	17 48 25.6 -0.5
BINY	Valley of Fire	31.07 321	↑P	17 48 43.3 +0.2
U12A	Cedar City	31.11 323	eP	17 48 28.2 +0.4
CCUT		eP	pP	17 48 27.9 +1.3
CCUT		eP	pP	17 51 21.7 +0.1
CCUT		eP	pP	17 51 40.0
MSU	Marysvalde	31.12 326	eP	17 48 28.8 +0.9
MSU		eP	pP	17 48 45.7 +0.8
MSU		eP	pP	17 51 20.8
MSU	Marysvalde	31.12 326	eP	17 48 28.8 +0.9
MSU		eP	pP	17 48 45.6 +0.7
MSU		eP	pP	17 51 20.8 -0.8
MSU		eP	pP	17 51 39.7
MURC	Murrieta	31.15 314	↑P	17 48 28.2 0.0
TMUT	Trail Mountain	31.18 328	eP	17 48 28.8 +0.3
TMUT		eP	pP	17 48 45.4 -0.1
HEC	Hector,Ludlow	31.24 316	↑P	17 48 30.0 +1.0
V11A	Goodspring	31.26 319	↑P	17 48 30.2 +1.1
RWWY	Rawlins	31.26 336	eP	17 48 28.1 -1.0
RWWY		eP	pP	17 48 44.7 -1.5
RWWY		eP	pP	17 51 20.2 -1.8
RWWY		eP	pP	17 51 38.6
ARUT	Antelope Range	31.32 324	eP	17 48 30.5 +0.9
ARUT		eP	pP	17 48 47.6 +0.9
BBRC	Big Bear Sol-O	31.32 315	↑P	17 48 30.1 +1.3
TUQ	Turquoise Mtn.	31.33 318	↑P	17 48 30.5 +0.7
SHPR	Sheep Range	31.50 320	eP	17 48 32.2 +0.9
SHPR		eP	pP	17 48 48.6 +0.3
U11A	Corn Creek	31.59 320	↑P	17 48 33.1 +1.1
RRX	Edison Barstow	31.72 316	↑P	17 48 34.5 +1.3
SCI	San Clemente I	31.80 312	↑P	17 48 34.0 +0.2
BFC	Mount Baldy St	31.82 314	↑P	17 48 34.7 +0.6
GSC	Goldstone	31.84 317	↑P	17 48 34.8 +0.6
SHOC	Shoshone	31.84 318	↑P	17 48 34.2 0.0
CIS	Catalina Canyon	31.91 312	↑P	17 48 34.8 0.0
MPU	Maple Asian	31.94 329	eP	17 48 36.0 +0.9
DAU	Daniels Canyon	32.05 329	eP	17 48 37.3 +1.2
DAU		eP	pP	17 48 54.5 +1.4
U10A	Ash Meadows, A	32.19 319	↑P	17 48 37.7 +0.4
EDW	Edwards Air Fo	32.40 315	P	17 48 39.1 0.0
CTW	Camp Trac	32.51 329	eP	17 48 41.4 +1.3
LRMC	Laurel Mountai	32.53 316	↑P	17 48 40.3 0.0
FURC	Furnace Creek,	32.56 318	↑P	17 48 41.1 +0.6
SUNC	San Nicolas Is	32.64 311	↑P	17 48 40.9 -0.4
DUG	Dugway	32.68 327	eP	17 48 42.3 +0.7
DUG		eP	pP	17 48 59.6 +1.0
DUG	Dugway	32.68 327	↑P	17 48 42.2 +0.6
MPMC	Manual Propsec	32.73 317	↑P	17 48 42.2 +0.1
BSL	Laguna Peak	32.74 313	↑P	17 48 42.5 +0.1
OLG	Osoito Adit	32.76 314	↑P	17 48 42.5 +0.2
ACCN	Adirondack Com	32.79 23	eP	17 48 41.2 -1.3
ACCN		eP	pP	17 48 59.4 -0.2
HRV	Harvard-Oak R	32.91 26	P	17 48 39.6 -4.0
HRV	comp=Z,17nm,0.8s,mb4.9	P	P	17 48 39.6 -4.0
HRV	comp=Z,17nm,0.8s,mb4.9	P	P	17 49 00.7 -0.7
DAC	Darwin (Calif)	32.92 317	eP	17 48 44.3 +0.6
DAC		eP	pP	17 49 01.3 +0.5
DAC	comp=Z,22nm,1.2s,mb4.9	eP	pP	17 48 44.3 +0.6
DAC	Darwin (Calif)	32.92 317	eP	17 48 44.3 +0.6
DAC	comp=Z,22nm,1.2s,mb4.9	eP	pP	17 49 01.3 +0.5
TRCR	Troy Canyon	32.95 322	eP	17 48 44.1 +0.2
TRCR		eP	pP	17 48 59.4 +0.6
Q12A	Willow Creek R	32.97 324	↑P	17 48 44.5 +0.4
NCB	Newcomb	33.08 22	eP	17 48 44.4 -0.7
NCB	comp=Z,59nm,0.9s,mb5.4	eP	pP	17 49 01.8 -0.4
BSC	Santa Cruz Isl	33.09 312	↑P	17 48 45.0 -0.2
ARVC	Arvin	33.11 315	↑P	17 48 45.7 +0.3
HRV	Hardware Ranch	33.12 331	eP	17 48 45.6 +0.2
HWUT		eP	pP	17 49 03.3 +0.8
HWUT		eP	pP	17 51 25.5 -1.6
HWUT		eP	pP	17 51 44.8
PDAR	Pinedale Array	33.13 334	P	17 48 45.1 -0.4
PDAR	comp=Z,0.6nm,0.5s,baz=132,slow=9.5,SNR=8.8	P	P	17 49 02.0 -0.6
PDAR	comp=Z,4.1nm,1.0s,baz=138,slow=7.4,SNR=9.0	P	P	17 51 25.9 -1.2
PDAR	comp=Z,2.6nm,0.9s,baz=108,slow=4.3,SNR=3.9	P	P	17 51 25.9 -1.2

PDAR	comp=Z,4.0nm,0.7s,baz=144,slow=5.6,SNR=6.5	pP	pP	17 51 43.9
PDAR	comp=Z,3.5nm,1.0s,baz=159,slow=3.3,SNR=10	pP	pP	17 55 05.5 +0.4
PDAR	comp=Z,323nm,20.5s,baz=155,slow=40	LR	LR	18 04 27.2
PDAR	comp=Z,0.4nm,0.9s,baz=298,slow=3.2,SNR=3.6	P	P	18 19 59.0
PDAR	Pinedale Array	33.13 334	P	17 48 45.1 -0.4
PDAR		eP	pP	17 49 02.0 -0.6
PDAR		eP	pP	17 51 25.9 -1.2
PDAR		eP	pP	17 51 43.9
PDAR		eP	pP	17 55 05.5 +0.4
PDAR		eP	pP	18 04 27.2
PDAR		eP	pP	18 19 59.0
ISA	Isabella	33.16 316	P	17 48 46.3 +0.5
GRAC	Grapevine Rang	33.20 319	↑P	17 48 46.5 +0.3
P12A	McGill	33.31 324	↑P	17 48 47.7 +0.6
Q11A	Duckwater	33.31 323	↑P	17 48 47.7 +0.6
BGU	Big Grassy Mtn	33.33 328	eP	17 48 47.6 +0.3
BGU		eP	pP	17 49 04.0 -0.2
BGU		eP	pP	17 51 24.6 -3.1
BGU		eP	pP	17 51 45.0
CWC	Cottonwood Cre	33.34 317	P	17 48 47.8 +0.4
R10A	Warm Springs	33.34 322	↑P	17 48 48.1 +0.8
LONY	Lake Ozonia	33.52 21	eP	17 48 47.7 -1.2
LONY	comp=Z,57nm,0.8s,mb5.5	eP	pP	17 49 05.5 -0.5
S09A	Goldfield	33.55 320	eP	17 48 49.6 +0.4
PKM	Peak Mountain	33.68 314	↑P	17 48 50.7 +0.4
MSNV	Massena	33.76 20	P	17 48 52.8 +1.8
MSNY	Tonopah	33.77 320	eP	17 49 07.4 -0.7
TPH		eP	pP	17 48 51.6 +0.6
TPH	comp=Z,31nm,1.2s,mb5.0	eP	pP	17 48 51.6 +0.6
R09A	Tonopah	33.78 321	P	17 48 51.9 +0.7
TIN	Tinemaha	33.79 318	↑P	17 48 51.8 +0.6
HVU	Hansel Valley	33.83 329	eP	17 48 59.3 +7.7
P11A	Circle Ranch,	33.84 324	↑P	17 48 52.3 +0.6
N13A	Wendover, West	33.89 327	↑P	17 48 52.8 +0.7
EYMN	Ely	33.97 359	eP	17 48 50.5 -2.3
EYMN	comp=Z,19nm,0.8s,mb5.0	eP	pP	17 49 07.8 -2.2
EYMN		eP	pP	17 50 02.5 -8.4
S06C	White Mtn Res	34.02 319	↑P	17 48 53.9 +0.7
SMMC	Simmler	34.02 314	↑P	17 48 53.6 +0.4
RCTO	Rector, Farmer	34.04 316	↑P	17 48 53.7 +0.3
FRNY	Flat Rock	34.06 22	eP	17 48 52.3 -1.3
FRNY		eP	pP	17 49 10.3 -0.4
HELL	Mitchell Peak,	34.10 317	eP	17 48 54.6 +0.7
REDW	Red Top Meadow	34.17 333	eP	17 48 55.1 +0.6
REDW	comp=Z,41nm,1.0s,mb5.2	eP	pP	17 49 12.3 +0.7
O11A	Cowboy Ranch,	34.18 325	eP	17 48 55.2 +0.6
MTUM	Tungsten Hills	34.18 318	eP	17 48 55.1 +0.5
MTUM		eP	pP	17 49 11.8 0.0
MTUM		eP	pP	17 50 09.7 -3.5
MTUM		eP	pP	17 51 29.3 -0.5
SNOW	Snow King Moun	34.20 333	eP	17 48 55.3 +0.5
SNOW	comp=Z,42nm,1.0s,mb5.2	eP	pP	17 49 12.6 +0.6
M13A	Montello	34.23 328	↑P	17 48 55.3 +0.2
V05C	Boulder Hill,	34.25 315	↑P	17 48 55.5 +0.3
LOHW	Long Hollow	34.26 334	eP	17 48 54.7 -0.7
P10A	Eureka	34.30 323	↑P	17 48 56.2 +0.6
TPAW	Teton Pass	34.31 333	eP	17 48 56.0 +0.3
TPAW	comp=Z,21nm,0.9s,mb5.0	eP	pP	17 49 13.6 +0.7
N12A	Clover Valley,	34.33 326	↑P	17 48 56.3 +0.3
ELK	Elko	34.37 326	eP	17 48 57.3 +1.1
ELK	comp=Z,11nm,0.9s	eP	pP	17 48 57.3 +1.1
MOOV	Moose Ponds	34.43 334	eP	17 48 57.1 +0.3
U05C	Westside ANR,	34.65 316	↑P	17 48 58.6 0.0
L13A	Double Diamond	34.65 329	↑P	17 48 59.4 +0.8
P09A	Mina Array Bea	34.66 320	P	17 48 59.0 +0.3
NVAR	comp=Z,19nm,0.7s,mb5.0,baz=134,slow=8.0,SNR=100	eP	pP	17 48 59.7 -0.2
NVAR	comp=Z,19nm,0.8s,baz=130,slow=8.4,SNR=12	eP	pP	17 49 15.1 -0.1
NVAR	comp=Z,4.1nm,0.7s,baz=122,slow=4.2,SNR=4.5	eP	pP	17 51 50.2
NVAR	comp=Z,22nm,0.7s,baz=143,slow=3.1,SNR=21	eP	pP	17 55 12.3 +1.8
NVAR	comp=Z,3.3nm,0.7s,baz=121,slow=4.9,SNR=12	eP	pP	17 48 59.4 +0.7
NVAR		eP	pP	17 49 15.7 -0.2
NVAR		eP	pP	17 51 41.4 -0.1
NVAR		eP	pP	17 51 50.2
NVAR		eP	pP	17 51 50.2
NVAR		eP	pP	17 55 12.3 +1.8
KCC	Kaiser Creek	34.66 318	↑P	17 48 59.0 +0.2
M12A	Welis	34.66 327	↑P	17 48 59.7 +0.7
N11A	Elko Archery C	34.69 325	↑P	17 48 59.7 +0.7
Q08A	Gabbs	34.69 321	↑P	17 48 59.4 +0.4
PKD	Parkfield	34.73 315	↑P	17 48 59.1 -0.3
T06C	Millerton Lake	34.73 317	↑P	17 48 58.9 -0.5
O10A	Croft Mining,	34.76 324	↑P	17 49 00.1 +0.5
V04C	Ramage Ranch,	34.80 314	↑P	17 48 59.9 -0.1
N10A	Dumphy	35.05 325	↑P	17 49 02.4 +0.3
O09A	Fish Creek Ran	35.08 323	↑P	17 49 02.4 0.0
U04C	Hernandez Rese	35.11 315	↑P	17 49 02.4 -0.3
K3A	Stover Farm, H	35.13 329	↑P	17 49 03.3 +0.5
M11A	Holland Ranch,	35.14 326	↑P	17 49 02.9 0.0
L12A	House Creek Ra	35.24 328	↑P	17 49 03.8 0.0
V03C	Hunter Liggett	35.25 314	↑P	17 49 03.6 -0.3
YMR	Madison River	35.27 334	eP	17 49 04.1 +0.1
YMR	comp=Z,11nm,1.1s,mb4.6	eP	pP	17 49 22.8 +1.6
BMN	Battle Mountai	35.27 324	eP	17 49 04.9 +0.9
BMN	comp=Z,30nm,1.3s,mb5.0	eP	pP	17 49 21.8 +0.6
BMN	Battle Mountai	35.27 324	eP	17 49 04.9 +0.9
BMN	comp=Z,30nm,1.3s,mb5.0	eP	pP	17 49 21.8 +0.6
LRV	Little Rabbit	35.31 315	eP	17 51 52.7
S06C	San Francisco	35.32 318	↑P	17 49 47.7 +0.2

R06C	Coleville	35.43 319	↑P	17 49 05.9 +0.4
K12A	Draper Farm, C	35.53 328	↑P	17 49 06.8 +0.5
ARE	Arcville	35.55 147	eP	17 49 06.0 -0.4
HAST	Xc Hastings Re	35.66 315	↑P	17 49 07.0 -0.3
N09A	Rock Creek Ran	35.72 324	↑P	17 49 07.8 -0.1
J13A	Ranch, Pi	35.73 330	↑P	17 49 08

s-min=5.4km az=171.9
IDC 30 18:42:07.0-4.5, 3412N-139.18E, h0km, mb4.0/18,
mb1 4.2/23, mb1mx4.1/29, mbtmp4.0/23, ML3.9/5, MS3.5/4,
Ms1 3.5/4, ms1mx3.1/29, Error ellipse: s-maj=16.6km
s-min=11.0km az=71.0
JMA 30 18:42:09.2, 3423N-139.26E, h14km, 1km, M4.3
JMA Felt III/7
NEIC 30 18:42:09.0-0.4, 3412N-139.19E, h10km, mb4.5/7,
MV4.4(NIED), Error ellipse: s-maj=10.6km s-min=8.2km
az=98.0
NEIC Recorded [3 JMA] on Kozu-shima and Nii-jima; [1 JMA] on
Miyake-jima

MOS 30 18:42:10.0-1.6, 3410N-139.49E, h33km, mb4.7/11, Error
ellipse: s-maj=15.0km s-min=7.3km az=105.6
ISC 30 18:42:07.0-0.9, 3416N-003-139.36E, h0km, 5km, n75,
o126/80, mb4.2/31, MS3.5, 12C-5D, Near south coast
of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like JKO Kozu shima, NJUJ Nii jima, JIM2 Oshima 3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ASAR comp=Z,0.5nm,0.7s,mb3.6, etc.

KNET 30 18:45:41.1-0.2, 4273N-74.39E, h20km, 3km, m11.4,
17C-4D, Error ellipse: s-maj=2.0km s-min=1.5km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like AAK Ala-Archa, CHMS Chumysh, etc.

ISC/JB 30 19:11:33.8-0.2, 4531N-001-527E, h0km, Error
ellipse: s-maj=2.2km s-min=1.6km az=66.3
LDG 30 19:11:35.6-0.0, 4528N-535E, h3km, Md2.7/4, MI2.9/32,
Error ellipse: s-maj=1.0km s-min=0.8km az=35.0
CSEM 30 19:11:35.6-0.1, 4527N-535E, h10km, ML2.9/28, Error
ellipse: s-maj=1.2km s-min=0.9km az=5-0.5
STR 30 19:11:36.0-0.1, 4539N-538E, h5km, 1km, MI2.7, Error
ellipse: s-maj=0.0km s-min=0.0km az=1-0.1
NEIC 30 19:11:36.0, 4539N-538E, h5km, ML2.1(ZUR),
ML2.8(STR), ML2.9(LDG), After STR.
GEN 30 19:11:38.8, 4532N-561E, h0km, ML2.0
ZUR 30 19:11:43.8, 4571N-578E, h10km, ML2.1/5
ISC 30 19:11:34.5-0.2, 4529N-001-530E, h8km, 2km, n124,
o1505/238, 2C-6D, France

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like GRN Grenoble, ORIF Oris-en-Rattie, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MBDF Montbardon, LSD Ceresole Reale, SMRF Simiane la Rot, etc.

30d 21h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LABF Labassere, VIEF Vief, ESPAROS, etc.

NEIC 30 20:21:58.7, 1586N.9635W, h34km, MD3.7(MEX), After MEX

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HUIG Huatulco, VHO Vista Hermosa, etc.

NEIC 30 20:28:17.2, 1045N.6230W, h2km, MD3.3(TRN), After TRN

TRN 30 20:28:17.2, 1045N.6230W, h2km, MD3.3

ISCJB 30 20:28:18.6, 0.7, 1027N.004.6219W.003, h16km, 10km

FUNV 30 20:28:18.8, 1030N.6215W, h14km, MW3.2

ISC 30 20:28:18.7, 0.6, 1029N.004.6219W.003, h15km, 5km, n13

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUVI Guiria, TCE Chacachacare, etc.

ISC 30 20:49:35.9, 1.8, 954S.12594E, h0km, mb3.5/1, mb1 3.8/3

NEIC 30 20:49:40.7, 1.2, 890S.12718E, h35km, Error ellipse:

ISCJB 30 20:49:46.0, 2.7, 965S.01.1271E.0.1, h35km, mb3.5/1

ISC 30 20:49:47.2, 6.9, 955S.01.1271E.0.1, h35km, n5, 0.874/9

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

ISC 30 21:03:18.0, 1.7, 4406N.10548W, h0km, mb1 3.2/3

NEIC 30 21:03:19.3, 0.7, 4415N.10534W, h0km, ML3.1

NEIC 20 km [15 miles] SE of Gillette.

ISC 30 21:03:17.4, 0.7, 4398N.005.10550W.006, h0km, n24

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RSSD Black Hills, RWY Rawlins, etc.

2006 DEC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ULM, YKA Yellowknife Arr.

ISCJB 30 21:08:11.1, 1.0, 9.271N.02.1403E.03, h446km, 13km

ISC 30 21:08:12.0, 0.8, 2713N.14043E, h441km, 12km, mb3.2/8

ISC 30 21:08:12.1, 0.9, 2722E.02.1404E.03, h445km, 13km, n11

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CBIJ Chichi jima, CBIJ WRA, etc.

KRSC 30 21:15:23.2, 1.2, 5072N.15756E, h9km, 10km, ML3.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MIPR Malaya Ipe'l'ka, RUS Russkaya, etc.

ISCJB 30 21:17:18.0, 0.8, 3674N.004.750W.004, h2km, 7km

MDD 30 21:17:18.1, 1.3, 3658N.761W, h26km, 16km, mbLg2.2/11

INMG 30 21:17:18.0, 1.1, 3657N.761W, h20km, 3km, ML1.9

CSEM 30 21:17:19.1, 0.3, 3662N.751W, h40km, mb3.5/5, Error ellipse:

ISC 30 21:17:19.0, 0.8, 3671N.004.753W.004, h67km, 10km, n50

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ERIP Rio Piedras, EGRO El Granado, etc.

EGRO 12nm, 0.1s, SNR=32

EGRO El Granado 0.82 3 Pg Pn

EMIN Mina Concepcio 1.26 33 P S Pn

EMIN Mina Concepcio 1.26 33 P S Pn

PTEO Sao Teotonio 1.27 311 eP S Pn

PTEO Sao Teotonio 1.27 311 eP S Pn

PBEJ Beja 1.34 349 eP S Pn

ESPR Espera 1.35 83 P S Pn

ESPR Espera 1.35 83 P S Pn

MOE Montemor 1.92 340 eSn S Pn

EBAD Badajoz 2.08 11 P Pn

EBAD Badajoz 2.08 11 Pn Pn

982

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PCBR Quantar, EQU Quantar.

EQU Quantar 0.2nm, 0.1s, SNR=7.9

EBAN Banos Encina 3.31 63 Pn Pn

EBAN Banos Encina 3.31 63 Pn Pn

EBAN Banos Encina 3.31 63 Pn Pn

EBAN Banos Encina 3.31 63 Pn Pn

MTE Manteigas 3.68 360 eSn Pn

EQES Quesada 3.72 72 Pn Pn

EQES Quesada 3.72 72 Pn Pn

PVIS Viseu 4.01 356 eSn S Pn

ESDC Sonseca Array 4.08 42 Pn Pn

ESDC Sonseca Array 4.08 42 Pn Pn

EHUE Huescar 4.09 73 Pn Pn

EHUE Huescar 4.09 73 Pn Pn

EVIA Vianos 4.43 63 Pn Pn

EVIA Vianos 4.43 63 Pn Pn

PVRL Vila Real 4.56 358 eSn A Pn

PVRL Vila Real 4.56 358 eSn A Pn

GUD Guadarrama 4.73 33 S S Pn

PCAB Vila Real 5.01 356 eSn Pn

ETOB Tobarra 5.12 66 Pn Pn

ETOB Tobarra 5.12 66 Pn Pn

PBRG Braganca 5.12 7 eSn S Pn

ELOB Lobios 5.17 356 S S Pn

ECAL Calabor 5.26 6 S S Pn

ETOR Torete 5.93 45 P Pn

ETOR Torete 5.93 45 P Pn

ISC 30 21:24:27.4, 65.0, 1721S.17880E, h0km, mb4.1/3

ISC 30 21:24:27.4, 65.0, 1721S.17880E, h0km, mb4.1/3

ISC 30 21:24:27.4, 65.0, 1721S.17880E, h0km, mb4.1/3

ISC 30 21:24:27.4, 65.0, 1721S.17880E, h0km, mb4.1/3

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

NIED 30 21:31:00.3420N.13930E, h8km, Mw3.9

JMA 30 21:31:29.4, 3426N.13923E, h11km, 1km, M3.3, 2C

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JKO Kozu shima, NJJJ Nii jima 2, etc.

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

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ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

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ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4.8, 249S.13945E, h0km, mb3.1/2, mb1 3.5/3

ISC 30 21:34:17.2, 4

30d 22h

Table with columns: AAK, Ala-Archa, 50.93 295 P, P, 22 43 38.3 +0.4, etc. Lists various horse names and their performance metrics.

2006 DEC

Table with columns: B10A, Chitwood Farm, 63.04 46 P, P, 22 45 05.2 +1.6, etc. Lists various horse names and their performance metrics.

986

Table with columns: WVOR, Wild Horse Va, 65.72 54 eP, P, 22 45 20.7 -0.4, etc. Lists various horse names and their performance metrics.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like ENIJ, ZAI, KEST, MAHO, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like CLTB, MTLF, ETSF, EMIN, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like LPL, LPL, LPL, LPL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BOD, ARU, AKTO, YAK, AKASG, etc.

NAO 31 04:35:21.1, 2.1, 2.6765N, 3372E, ML2.5, HEL 31 04:35:21.1, 0.4, 6768N, 3378E, h0km, ML2.5, ML2.4(BER), ML2.6(NAO), Explosion, Baltic States - Belarus - Northwestern Russia

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

IDC 31 04:37:35.5-9.4, 185S, 16852E, h0km, Mb4.0/4, mb1 4.1/5, mb1mx3.8/14, mb1mx3.9/5, ML2.9/1, Error ellipse: s-maj=162.3km s-min=43.7km az=88.0, Vanuatu Islands

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

ISCJB 31 04:44:08.7-0.7, 203S, 01.680E, 0.1, h10km, mb4.3/23, MS3.5/3, Error ellipse: s-maj=17.3km s-min=13.8km az=161.8

IDC 31 04:44:09.1-0.8, 203S, 6797E, h0km, mb4.1/15, mb1 4.2/15, mb1mx4.1/25, mb1mx4.1/15, MS3.5/3, MS1 3.5/3, ms1mx3.2/32, Error ellipse: s-maj=25.7km s-min=17.4km az=11.0

NEIC 31 04:44:10.5-0.4, 2029S, 6793E, h10km, mb4.7/9, Error ellipse: s-maj=10.1km s-min=8.1km az=167.0

ISC 31 04:44:10.9-0.7, 202S, 01.679E, 0.1, h10km, n34, 0e71/30, mb4.3/23, MS3.5/3, Mid-Indian Ridge

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA, BRTR, MK31, etc.

IGQ 31 04:48:29.7, 034S, 8140W, h12km, 7km, Mb4.3, Ms4.1, SC-3D, Error ellipse: s-maj=9.9km s-min=6.7km az=69.4, Off coast of Ecuador

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

ISCJB 31 04:50:57.4-0.6, 50N, 01x1278E, 0.3, h150km, mb3.9/16, Error ellipse: s-maj=42.6km s-min=8.9km az=149.3

IDC 31 04:51:00.2-6.1, 5.00N, 12776E, h157km, 59km, mb3.6/13, mb1 3.7/13, mb1mx3.6/22, mb1mx3.6/13, Error ellipse: s-maj=49.1km s-min=12.0km az=75.0

NEIC 31 04:51:05.7-4.1, 492N, 1273E, h213km, 41km, mb3.8/4, Error ellipse: s-maj=36.0km s-min=8.5km az=74.0

ISC 31 04:50:59.4-0.6, 50N, 01x1278E, 0.3, h150km, n22, 0e60/21, mb3.9/16, 1.C, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FITZ, WRA, WB2, etc.

ISCJB 31 05:28:59.8-1.8, 2376S, 009, 1773W, 0.1, h125km, 20km, mb4.1/8, Error ellipse: s-maj=22.8km s-min=12.0km az=61.1

IDC 31 05:29:00.3-0.8, 2398S, 17712W, h126km, 32km, mb3.9/7, mb1 4.1/9, mb1mx3.9/18, mb1mx3.9/18, Error ellipse: s-maj=38.7km s-min=16.1km az=10.0

NEIC 31 05:29:01.1-1.6, 2388S, 17710W, h135km, 14km, mb4.4/4, Error ellipse: s-maj=19.9km s-min=10.3km az=139.0

ISC 31 05:29:01.2-1.6, 2377S, 010, 1772W, 0.1, h125km, 18km, n37, 0e79/15, mb4.1/8, South of Fiji Islands

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

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

ROM 31 05:06:30.7-0.3, 4530N, 7.14E, h10km, 3km, Md2.0/4, MH1.7/3, Error ellipse: s-maj=4.4km s-min=3.1km az=134.0

ISCJB 31 05:06:31.0-0.4, 4533N, 002, 705E, 0.04, h4km, 5km, Error ellipse: s-maj=4.7km s-min=2.9km az=156.3

ZUR 31 05:06:31.8, 4532N, 72.1E, h2km, 3km, ML 1.6/4, LDG 31 05:06:34.1, 0.3, 4533N, 69.4E, h2km, Md2.4/3, M2.3/11, Error ellipse: s-maj=6.8km s-min=3.3km az=78.0

STR 31 05:06:37.5-0.1, 4523N, 705E, h2km, 1km, M2.3, Error ellipse: s-maj=0.5km s-min=0.0km az=1.0

ISC 31 05:06:31.4-0.5, 4533N, 002, 710E, 0.04, h2km, 6km, n31, 0e120/49, 3C-1D, Northern Italy

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

ISCJB 31 05:28:59.8-1.8, 2376S, 009, 1773W, 0.1, h125km, 20km, mb4.1/8, Error ellipse: s-maj=22.8km s-min=12.0km az=61.1

IDC 31 05:29:00.3-0.8, 2398S, 17712W, h126km, 32km, mb3.9/7, mb1 4.1/9, mb1mx3.9/18, mb1mx3.9/18, Error ellipse: s-maj=38.7km s-min=16.1km az=10.0

NEIC 31 05:29:01.1-1.6, 2388S, 17710W, h135km, 14km, mb4.4/4, Error ellipse: s-maj=19.9km s-min=10.3km az=139.0

ISC 31 05:29:01.2-1.6, 2377S, 010, 1772W, 0.1, h125km, 18km, n37, 0e79/15, mb4.1/8, South of Fiji Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Malin Array Be, Kiev, EKA, BRTR, KOLS, STHS, EIL, CLL, BRG, VYHS, KHC, GERES, KEST, etc.

IDC 31 05:34:30.6,0.6,890N-6185W,h0km,mb4,1/14, mb1 4.3/14,mb1mx4.2/20,mbtmp4.1/14,MS3.2/4, Ms1 3.2/4,ms1mx2.8/35,Error ellipse: s-maj=20.3km s-min=15.7km az=91.0

NEIC 31 05:34:32.6,873N.6168W,h5km,mb4,1/13,MD4.4(TRN), MW4.4(CAR),After CAR

FUNV 31 05:34:32.6,873N.6168W,h4km,MW4.4 ISCBJ 31 05:34:34.9,0.4,873N.002-6181W,003,h54km,4km, mb4.2/27,MS3.5/2,Error ellipse: s-maj=5.4km s-min=3.3km az=69.8

TRN 31 05:34:37.7,878N.6152W,h41km,MD4.4 ISC 31 05:34:36.2,0.4,871N.002-6179W,003,h44km,4km,n77, f=120/103,mb4.2/27,MS3.5/2,1C, Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Rio Grande, Buenos Aires, Atlantic LNG, El Gur, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like FCC, BOZ, HLD, NVAR, ESDC, NEW, TOR, YKA, KEST, GERES, INK, ARCES, BRTR, KMBO, KSRS, etc.

NEIC 31 05:39:27.4,2.9,1983N.12166E,h59km,30km,mb3.8/1, Error ellipse: s-maj=27.4km s-min=11.6km az=63.0

ISCBJ 31 05:39:28.1,1.2,1994N.006-1218E,02,h85km,13km, mb3.7/7, Error ellipse: s-maj=24.2km s-min=10.7km az=4.3

IDC 31 05:39:28.9,5.5,1989N.12182E,h71km,53km,mb3.5/6, mb1 3.8/8,mb1mx3.5/22,mbtmp3.6/8,ML4.0/2,MS3.1/1, Ms1 3.1/1,ms1mx2.6/27,Error ellipse: s-maj=49.9km s-min=16.4km az=73.0

ISC 31 05:39:29.4,1.1,1993N.006-1218E,02,h78km,12km,n12, f=059/13,mb3.7/7, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like CVP, JWP, KSRS, LSA, SONM, WRA, MKAR, ASAR, STKA, YKA, etc.

IDC 31 05:40:57.0,2.3,1069N.9259E,h0km,mb4.0/6,mb1 4.2/6, mb1mx3.7/23,mbtmp4.0/6,Error ellipse: s-maj=101.8km s-min=18.5km az=62.0

ISCBJ 31 05:41:00.7,1.4,108N.02-928E,03,h35km,mb3.9/7, Error ellipse: s-maj=51.5km s-min=12.7km az=115.0

NEIC 31 05:41:01.4,1.2,1073N.9262E,h30km,mb3.8/1, Error ellipse: s-maj=59.0km s-min=9.2km az=60.0

ISC 31 05:41:02.9,1.4,108N.02-928E,03,h35km,n11,f=036/10, mb3.9/7,2C,Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like PBA, SCPH, MK31, SONM, KUR, FITZ, BVAR, WRA, ASAR, etc.

IDC 31 05:43:25.3,3.2,175S.17540W,h126km,31km,mb4.1/4, mb1 4.2/5,mb1mx3.7/16,mbtmp4.0/5,1C, Error ellipse: s-maj=86.4km s-min=21.4km az=142.0, Tonga Islands

NEIC 31 05:46:37.2,0.6,854S.11031E,h10km,mb4.3/7, Error ellipse: s-maj=27.9km s-min=6.1km az=45.0

NEIC 31 05:46:38.4,5.5,85S.02-1104E,02,h30km,39km, mb4.1/15,MS3.9/2, Error ellipse: s-maj=45.1km s-min=11.2km az=91.2

ISC 31 05:46:41.0,5.6,85S.02-1104E,02,h35km,40km,n28, f=0567/26,mb4.1/15,MS3.9/2,Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like PSI, KULM, FITZ, FITZ, WRA, etc.

IDC 31 05:46:35.5,1.1,855S.11025E,h0km,mb4.2/12, mb1 4.2/5,mb1mx3.7/16,mbtmp4.0/5,1C, Error ellipse: s-maj=86.4km s-min=21.4km az=142.0, Tonga Islands

NEIC 31 05:46:37.2,0.6,854S.11031E,h10km,mb4.3/7, Error ellipse: s-maj=27.9km s-min=6.1km az=45.0

NEIC 31 05:46:38.4,5.5,85S.02-1104E,02,h30km,39km, mb4.1/15,MS3.9/2, Error ellipse: s-maj=45.1km s-min=11.2km az=91.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like PSI, KULM, FITZ, FITZ, WRA, etc.

IDC 31 05:46:35.5,1.1,855S.11025E,h0km,mb4.2/12, mb1 4.2/5,mb1mx3.7/16,mbtmp4.0/5,1C, Error ellipse: s-maj=86.4km s-min=21.4km az=142.0, Tonga Islands

NEIC 31 05:46:37.2,0.6,854S.11031E,h10km,mb4.3/7, Error ellipse: s-maj=27.9km s-min=6.1km az=45.0

NEIC 31 05:46:38.4,5.5,85S.02-1104E,02,h30km,39km, mb4.1/15,MS3.9/2, Error ellipse: s-maj=45.1km s-min=11.2km az=91.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like CTA, CTA, CTA, CTA, STKA, STKA, MJAR, SONM, KBL, MK31, MKAR, MKAR, KURK, ZAL, BVAR, BRVK, AKTK, AKTK, AKTK, TIKI, BOSA, BRTR, FINES, etc.

DHMR 31 05:49:06.0,2.6,1381N-5094E,h9km,253km,ML4.2,3D, Eastern Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like MUKL, MUKL, MUKL, BDHA, LBOS, TRBA, etc.

ISCBJ 31 05:52:19.6,1.1,5260N.008-1670W,02,h10km,mb3.3/6, Error ellipse: s-maj=19.8km s-min=11.1km az=11.0

IDC 31 05:52:21.0,1.8,5292N.16688W,h0km,mb3.3/6, mb1 3.6/6,mb1mx3.4/24,mbtmp3.4/6, Error ellipse: s-maj=51.2km s-min=24.5km az=12.0

NEIC 31 05:52:23.6,5276N.16671W,h1km,ML3.3(AEIC), After AEIC

ISC 31 05:52:23.1,1.1,5270N.008-1670W,02,h10km,n12, f=0876/13,mb3.3/6,Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like UNV, AKLV, AKLV, AKLV, INK, INK, YKA, YKA, YKA, YKA, etc.

MDD 31 05:59:01.9,1.8,3662N-973W,h0km,mbL2.6/4, Error ellipse: s-maj=14.5km s-min=12.7km az=48.0, PRXIMO

NEIC 31 05:59:03.2,3673N-968W,h0km,MN2.5(MDD), After MDD

CSEM 31 05:59:05.5,0.9,3671N-927W,h2km,ML1.7, Error ellipse: s-maj=19.3km s-min=8.9km az=26.0

INMG 31 05:59:02.9,1.0,3659N.970W,h2km,6km,ML1.7, Error ellipse: s-maj=6.3km s-min=3.9km az=62.0, West of Gibraltar

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like PTEO, EGRO, EGRO, EGRO, PBEJ, PBEJ, PBEJ, PBEJ, PBEJ, PBEJ, etc.

31d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KORR, ZEJ, LSNR, etc.

NEIC 31 08:42:23.6, 1721N-9499W, h135km, MD3.9(MEX), After MEX. MEX 31 08:42:23.0-0.8, 1722N-9496W, h139km-gkm, MD3.9, Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMIG, OXX, VHO, etc.

ISCJCB 31 09:11:44.6-1.0, 1713N-005-10100W-003, h29km-gkm, mb3.5/4, Error ellipse: s-maj=9.2km s-min=4.2km az=32.4

NEIC 31 09:11:46.8, 1714N-10103W, h14km, MD4.5(MEX), After MEX. MEX 31 09:11:47.1-0.7, 1714N-10103W, h20km-gkm, MD4.5

ISC 31 09:11:45.5-1.1, 1719N-006-10099W-003, h19km-gkm, n32, c123/51, mb3.5/4, Guerrero

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZIIG, RZIG, MEIG, etc.

WEL 31 09:34:30.7-0.2, 3793S-17658E, h152km-2km, ML3.5/15, Error ellipse: s-maj=2.7km s-min=2.4km az=0.0, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like URZ, MWZ, BKZ, etc.

IGQ 31 09:55:51.2, 131S-7790W, h224km-4km, Mb4.4, Ms4.2, Error ellipse: s-maj=4.0km s-min=3.2km az=51.2

ISCJCB 31 09:55:55.1-0.3, 129S-004-7789W-007, h196km-2km, mb3.9/20, Error ellipse: s-maj=12.3km s-min=5.8km az=165.0

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mb1 3.8/19, mb1mx3.7/27, mbtmp3.7/19, MS3.2/1, Ms1 3.2/1, ms1mx2.4/26, Error ellipse: s-maj=17.9km s-min=8.2km az=76.0

NEIC 31 09:55:56.0-0.9, 129S-7779W, h188km-gkm, mb4.2/8, MD4.3(GO), Error ellipse: s-maj=16.6km s-min=7.6km az=72.0

ISC 31 09:55:56.0-0.3, 130S-004-7786W-007, h189km-2km, n67, c1500/72, mb4.0/20, 5C-17D, Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ULBA, RUS, PISA, etc.

ISCJCB 31 09:55:56.0-0.3, 130S-004-7786W-007, h189km-2km, n67, c1500/72, mb4.0/20, 5C-17D, Ecuador

ISC 31 09:55:56.0-0.3, 130S-004-7786W-007, h189km-2km, n67, c1500/72, mb4.0/20, 5C-17D, Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CAYR, GGP, TERV, etc.

ISC 31 09:55:56.0-0.3, 130S-004-7786W-007, h189km-2km, n67, c1500/72, mb4.0/20, 5C-17D, Ecuador

ISC 31 09:55:56.0-0.3, 130S-004-7786W-007, h189km-2km, n67, c1500/72, mb4.0/20, 5C-17D, Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LPAZ, SIW, CMIG, etc.

ISC 31 09:55:56.0-0.3, 130S-004-7786W-007, h189km-2km, n67, c1500/72, mb4.0/20, 5C-17D, Ecuador

ISC 31 09:55:56.0-0.3, 130S-004-7786W-007, h189km-2km, n67, c1500/72, mb4.0/20, 5C-17D, Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ANMO, SDCO, PDAR, etc.

ISC 31 09:55:56.0-0.3, 130S-004-7786W-007, h189km-2km, n67, c1500/72, mb4.0/20, 5C-17D, Ecuador

ISC 31 09:55:56.0-0.3, 130S-004-7786W-007, h189km-2km, n67, c1500/72, mb4.0/20, 5C-17D, Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MKAR, YKA, FINES, etc.

ISC 31 09:55:56.0-0.3, 130S-004-7786W-007, h189km-2km, n67, c1500/72, mb4.0/20, 5C-17D, Ecuador

ISC 31 09:55:56.0-0.3, 130S-004-7786W-007, h189km-2km, n67, c1500/72, mb4.0/20, 5C-17D, Ecuador

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

ISC 31 09:55:56.0-0.3, 130S-004-7786W-007, h189km-2km, n67, c1500/72, mb4.0/20, 5C-17D, Ecuador

ISC 31 09:55:56.0-0.3, 130S-004-7786W-007, h189km-2km, n67, c1500/72, mb4.0/20, 5C-17D, Ecuador

WEL 31 10:16:23.0-0.8, 3559S-17890E, h212km-14km, ML3.6/9, Error ellipse: s-maj=14.9km s-min=12.8km az=90.0, Off

1000

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

IDC 31 10:55:50.7-7.3, 1691S-7082W, h186km-38km, mb3.2/2, mb1 3.2/3, mb1mx3.0/16, mbtmp3.0/3, Error ellipse: s-maj=145.2km s-min=47.8km az=15.0, Southern Peru

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

IDC 31 11:01:56.5-1.4, 1348N-11992E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.4/20, mbtmp3.5/3, Error ellipse: s-maj=26.8km s-min=14.0km az=133.0

MAN 31 11:01:58.7, 1360N-11985E, h7km, mb2.1, ML3.8, MS2.6

ISCJCB 31 11:01:59.7-1.3, 135N-01-1199E-02, h35km, mb3.5/3, Error ellipse: s-maj=30.5km s-min=15.5km az=21.6

ISC 31 11:02:01.9-1.3, 135N-01-1201E-02, h35km, mb6.0, c67/6, mb3.5/3, 2C, Mindoro

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

IDC 31 11:39:36.5-6.6, 156N-9928E, h0km, mb3.2/3, mb1 3.4/3, mb1mx3.2/21, mbtmp3.2/3, Error ellipse: s-maj=35.9km s-min=27.8km az=55.0, Northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA, ASAR, MKAR, etc.

ISCJCB 31 11:43:13.0-0.7, 3526N-002-408W-003, h12km-5km, Error ellipse: s-maj=4.4km s-min=3.4km az=43.1

CSEM 31 11:43:12.0-1.1, 3527N-404W, h12km, MD3.3, Error ellipse: s-maj=1.8km s-min=1.4km az=82.0

MDD 31 11:43:13.4-0.4, 3526N-408W, h0km, mb3.3/6, Error ellipse: s-maj=4.4km s-min=3.3km az=86.0, PRXIMO

CNRM 31 11:43:15.1, 3520N-401W, h5km, MD3.3

ISC 31 11:43:13.3-0.7, 3525N-002-406W-004, h11km-5km, n31, c1507/50, Strait of Gibraltar

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

ISC 31 11:43:13.3-0.7, 3525N-002-406W-004, h11km-5km, n31, c1507/50, Strait of Gibraltar

ISC 31 11:43:13.3-0.7, 3525N-002-406W-004, h11km-5km, n31, c1507/50, Strait of Gibraltar

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

ISC 31 11:43:13.3-0.7, 3525N-002-406W-004, h11km-5km, n31, c1507/50, Strait of Gibraltar

ISC 31 11:43:13.3-0.7, 3525N-002-406W-004, h11km-5km, n31, c1507/50, Strait of Gibraltar

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

ISC 31 11:43:13.3-0.7, 3525N-002-406W-004, h11km-5km, n31, c1507/50, Strait of Gibraltar

ISC 31 11:43:13.3-0.7, 3525N-002-406W-004, h11km-5km, n31, c1507/50, Strait of Gibraltar

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

ISC 31 11:43:13.3-0.7, 3525N-002-406W-004, h11km-5km, n31, c1507/50, Strait of Gibraltar

ISC 31 11:43:13.3-0.7, 3525N-002-406W-004, h11km-5km, n31, c1507/50, Strait of Gibraltar

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like PCRV Puerto La Cruz, LCR2 La Lucha 2, LAJ Bijagal, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MNTX comp=Z,970nm,20.0s,MS5.1, GDL2 Guadalupe Moun, WMOK Wichita Mountain, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MVCO Mesa Verde, MVCO Mesa Verde, FRNY Flat Rock, etc.

31d 14h

Table with columns: DUG, DUG, Q11A, S08C, NOQ, TPH, MTUM, R09A, P12A, RSSD, T06C, U04C, KLC, M00C, P11A, BGU, HWUT, Q09A, R08A, EYMN, T05C, HAST, NVAR, PDAR, PDAR, R07C, S05C, SAO, SAO, P10A, Q08A, N13A, O11A, PACP, S06C, LSZ, P09A, HVU, ELK, ELK, ELK, N12A, WAKR, R06C, AHID, AHID, M13A, Q07A, CMB, CMB, S04C, O10A, BNLO, N11A, O09A, P08A, WENL, M12A, R05C, REDW, N10A, BNN, L13A, P07A, LOHW, TPWA, BDM, MOOW, M11A, WCN, DCIDI, LAVA, O08A, PAHR, IMW, N09A, L12A, O07A, K13A, P06A, Q04C, P05C

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Table with columns: CVS, LKWY, YFT, RLMT, M09A, O06A, BEKR, OHCM, N07B, YMR, YMR, AFI, J12A, J13A, LAO, O05C, M08A, QLMT, N06A, HLD, HLD, HLD, J12A, M07A, O04C, ELFS, K10A, ULM, MFID, GAB, MCMT, G15A, K09A, M06C, BOZ, BOZ, HATC, L07A, WVOR, WVOR, DLMT, J10A, O02C, I11A, K08A, H12A, G14A, M05C, WDC, WDC, MOD, MOD, MOD, LRM, J09A, G13A, K07A, LASM, F14A, J08A, H11A, I09A, M04C, E15A, H10A, K06A, F13A, J07A, M02C, KHMM, I08A, K05A, E14A, YBH, YBH, EGMT, EGMT, EGMT, J06A, F12A, TAU, TAU, H09A, BMO

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Table with columns: BMO, D15A, SCHO, SCHO, K04A, E13A, CHMT, H08A, M50, M50, D14A, F11A, I06A, H07A, D13A, J04A, E11A, F10A, F09A, K02A, G08A, I05A, H06A, J03A, E10A, C13A, MDT, G07A, BSMT, J02A, G06A, BROR, D10A, I03A, F07A, HAWA, HAWA, D09A, H03A, E07A, C10A, D08A, G04A, F05A, OD2, NEW, NEW, A12A, C09A, E06A, D07A, A11A, F04A, B08A, A09A, B07A, C05A, A08A, A07A, EDM, EDM, FCC, PAB, PAB, ESDC, ESDC, ESLS, DZM, FUNA, FUNA, KMB0, KMB0, YKA, YKA, YKA, SIT, SIT, NWA0, NWA0, CTA0, CTA0, HNR, HNR, GRFO, GRFO, GRF

1007

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GERES, KHC, ASAR, MSEA, INK, etc.

2006 DEC

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KULM, AKL, KBL, SNG, AJM, etc.

31d 14h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like HIA, SSE, SSS, GYA, etc.

CSEM 31 14:55:51.9... 3503N-4.12W, h20km, MD3.0, Error ellipse: s-maj=4.4km s-min=2.7km az=104.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MPAL, MFAL, etc.

Table with columns: HNR, Station Name, Az, El, P, Res, Time, Res. Includes stations like Honiara, Charters Tower, STKA, ASAR, WB2, WRA, MJAR, YBH, NVAR, KSRs, PDARS, YKA, MKAR, FINES, AKASG, KIEV, BRTR, GERES.

NEIC 31 16:43:07.0-0.4, 2190N-143.04E, h35km, mb4.0/1, Error ellipse: s-maj=18.8km s-min=10.2km az=82.0

ISCJB 31 16:43:17.8-6.9, 2181N-009x142.9E, h149km, mb4km, mb3.8/15, Error ellipse: s-maj=31.0km s-min=13.3km az=152.4

IDC 31 16:43:18.6-6.8, 2183N-142.89E, h142km, mb3km, mb3.6/15, mb1.3/8.15, mb1mx3.7/23, mbtmp3.6/15, Error ellipse: s-maj=25.4km s-min=12.1km az=78.0

ISC 31 16:43:20.5-6.0, 2189N-009x142.9E, h159km, mb6km, n23, 0871/21, mb3.8/15, Mariana Islands region

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like KSRs, ULN, SONM, CTA, WB2, WRA, ASAR, STKA, ZAL, MKAR, BRV, INK, YKA, YBH, FINES, NVAR, AKASG, BRTR, LPAZ.

IDC 31 16:53:47.1-1.6, 655S-129.59E, h0km, mb3.8/2, mb1.3/9.5, mb1mx3.6/15, mbtmp3.7/5, ML3.6/3, Error ellipse: s-maj=70.9km s-min=24.2km az=71.0, Banda Sea

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like FITZ, WRA, WRA, ASAR, ASAR, STKA, MKAR.

MAN 31 17:10:29.4, 1635N-122.27E, h5km, mb2.7, ML4.1, MS2.2, 2D, Luzon

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like PALP, CAUP, PCPH, CVP, POLP, ABRA, GKP, GOP.

IDC 31 17:14:09.3-2.6, 850S-115.96E, h0km, mb3.0/3, mb1.3/3.3, mb1mx3.1/17, mbtmp3.1/3, Error ellipse: s-maj=169.0km s-min=25.3km az=49.0, Bali region

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like WRA, ASAR, MKAR.

NEIC 31 17:15:34.3, 1687N-95.31W, h108km, MD4.1 (MEX), After MEX.

MEX 31 17:15:34.7-0.7, 1688N-95.30W, h104km, 7km, MD4.1, Oaxaca

Table with columns: CMIG, Station Name, Az, El, P, Res, Time, Res. Includes stations like Matias Romero, Huatulco, Oaxaca, Vista Hermosa, Tuzandepelt, Huatucan, Pinotefe, Pinotepe, Comitan, Comitan, Organos, Mezcalia, El Cayaco, El Cayaco, Tepich, Tepich.

ISCJB 31 17:16:30.8-0.7, 2127S-004.683W, h112km, gkm, mb4.2/6, Error ellipse: s-maj=17.3km s-min=6.1km az=29.8

NEIC 31 17:16:31.5-1.0, 2116S-68.30W, h102km, 1km, mb4.9/3, Error ellipse: s-maj=18.1km s-min=10.7km az=98.0

IDC 31 17:16:34.7-2.3, 2111S-68.12W, h126km, 20km, mb3.7/4, mb1.4/0.7, mb1mx3.7/17, mbtmp3.9/7, Error ellipse: s-maj=26.3km s-min=17.2km az=88.0

GUC 31 17:16:35.0-0.7, 2168S-68.21W, h150km, ML4.5

ISC 31 17:16:31.9-0.5, 2130S-004.681W, h101km, gkm, n26, 0151/37, mb4.2/6, 5D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like Los Morros, Antofagasta, Cerro Paranal, Los Morros, Antofagasta, Cerro Paranal, La Paz, La Paz, ARE, Caldera, Caldera, Copiapo, Copiapo, Las Campanas, San Ignacio, SIV, CFAA, CFAA, PLCA, PLCA, WMOK, GSPA, GSPA, TORO, TORO, BOSHO, BOSHO, YKA, YKA, MKAR, MKAR, SONM, SONM.

IDC 31 17:28:57.9-0.9, 497N-125.34E, h0km, mb3.8/9, mb1.3/9.9, mb1mx3.8/19, mbtmp3.8/9, MS3.6/3, MS1.3/6.3, ms1mx3.2/29, Error ellipse: s-maj=81.5km s-min=15.5km az=72.0

NEIC 31 17:28:59.3-0.5, 495N-125.35E, h10km, mb4.4/4, Error ellipse: s-maj=33.8km s-min=8.7km az=76.0

MAN 31 17:28:59.4, 670N-127.12E, h194km, mb4.7, ML5.4, MS1.3

ISCJB 31 17:29:05.2-1.7, 50N-0.1-125.5E, h3.74km, 17km, mb3.9/12, Error ellipse: s-maj=56.3km s-min=10.7km az=147.6

ISC 31 17:29:07.2-1.5, 50N-0.1-125.5E, h3.74km, 17km, n23, 01929/23, mb3.9/12, 3D, Mindanao

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like KCP, KCP, DAV, DAV, DMPH, DMPH, SCPH, SCPH, MSLP, MSLP, KAKA, KAKA, PMG, PMG, WRA, WRA, WB2, WB2, NWAO, NWAO, STKA, STKA, STKA, STKA, ULN, ULN, SONM, SONM, MKAR, MKAR, ZAL, ZAL, ZAL.

IDC 31 17:29:07.2-1.5, 50N-0.1-125.5E, h3.74km, 17km, n23, 01929/23, mb3.9/12, 3D, Mindanao

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like NACB, NACB, YHNB, YHNB, TATO, TATO, YONJ, YONJ, IRIF, IRIF, HATJ, HATJ, HATJ, HATJ, JKRS, JKRS, IJSH, IJSH, JIU, JIU, JIU, JIU, JOW, JOW, KSRs, KSRs, SONM, SONM, MKAR, MKAR, ZAL, ZAL, WRA, WRA, ASAR, ASAR, STKA, STKA, CLL, CLL, YKA, YKA, YKA.

Table with columns: KURK, Station Name, Az, El, P, Res, Time, Res. Includes stations like Borovoye, ARCS, ARCS, FINES, FINES, TORO, TORO.

NEIC 31 17:57:20.5, 3790N-21.15E, h15km, MD3.6 (ATH), After ATH.

CSEM 31 17:57:20.5, 3790N-21.15E, h15km, MD3.6/12, After ATH

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like RLS, RLS, VLS, VLS, ITM, ITM, EVR, EVR, LKR, LKR, MGER, MGER, JAN, JAN, THL, THL, VLL, VLL, MAIG, MAIG, KEO, KEO, NEK, NEK.

GUC 31 17:57:45.2-0.6, 2440S-67.41W, h200km, ML3.6, 1C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like Cerro Paranal, Los Morros, Los Morros, Antofagasta, Caldera, Caldera.

ISCJB 31 17:59:12.0-0.5, 4470N-002.680E, h12km, 5km, Error ellipse: s-maj=5.5km s-min=3.3km az=124.0

LDG 31 17:59:12.9-0.1, 4472N-68.7E, h2km, Md2.3/3, Ml2.2/6, Error ellipse: s-maj=3.2km s-min=1.8km az=63.0

STR 31 17:59:14.6-1.7, 4374N-68.5E, h2km, 1km, Ml2.1, Error ellipse: s-maj=0.3km s-min=0.0km az=1.0

ISC 31 17:59:12.8-0.5, 4471N-002.681E, h10km, 5km, n13, 006/25, France

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like Montbardon, Oris-en-Rattie, Tourf, Tourf, LPGA, LPGA, LPL, LPL, AUTN, AUTN, SAOF, SAOF, SBF, SBF, SMRF, SMRF, FRF, FRF, LMR, LMR, VIVF, VIVF, LASF, LASF.

IDC 31 18:02:46.2-0.9, 2401N-121.71E, h0km, mb3.5/6, mb1.3/6.8, mb1mx3.5/22, mbtmp3.5/8, ML3.4/2, MS3.9/1, MS1.3/6.1, ms1mx2.8/27, Error ellipse: s-maj=34.7km s-min=18.5km az=69.0

ISCJB 31 18:02:49.5-0.8, 2400N-006.1216E, h0.4, h33km, 7km, MB3.4/6, MS4.0/1, Error ellipse: s-maj=11.4km s-min=5.4km az=46.7

NEIC 31 18:02:49.9-0.9, 2403N-121.74E, h24km, 6km, MG3.2 (JMA), Error ellipse: s-maj=13.8km s-min=8.8km az=66.0

JMA 31 18:02:51.0-0.3, 2418N-121.66E, h64km, M3.2

ISC 31 18:02:50.5-0.8, 2405N-006.1216E, h0.4, h28km, 5km, n21, 0854/28, mb3.4/6, MS4.0/1, Taiwan

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like NACB, NACB, YHNB, YHNB, TATO, TATO, YONJ, YONJ, IRIF, IRIF, HATJ, HATJ, HATJ, HATJ, JKRS, JKRS, IJSH, IJSH, JIU, JIU, JIU, JIU, JOW, JOW, KSRs, KSRs, SONM, SONM, MKAR, MKAR, ZAL, ZAL, WRA, WRA, ASAR, ASAR, STKA, STKA, CLL, CLL, YKA, YKA, YKA.

ISCJB 31 18:06:26.9.2.0,352N.01.227E.01,h11km,8km, Error ellipse: s-maj=27.9km s-min=6.7km az=91.2
 CSEM 31 18:06:26.1.0.7,3499N.2252E,h15km,MD3.7, Error ellipse: s-maj=15.1km s-min=4.2km az=46.0
 NEIC 31 18:06:27.5,3514N.2276E,h12km,MD3.7(ATH), After ATH.
 ATH 31 18:06:27.5,3514N.2276E,h12km,7km,MD3.7/8
 THE 31 18:06:27.5,3514N.2261E,h62km
 ISC 31 18:06:28.2.0.2,352N.01.228E.01,h8km,8km,n16,
 r=1507/19,Central Mediterranean Sea

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
KARN	Karanos	0.97	79	Op	ISC	18 06 48.2	+1.5
KARN	Karanos	0.97	79	Op	Pg	18 06 48.2	+1.5
KYTH	Kithira	1.08	73	Op	Pg	18 06 50.0	+1.5
GVD	Gavdhos	1.17	109	Op	Pb	18 06 49.1	-1.4
GVD	Gavdhos	1.17	109	Op	Pb	18 06 49.1	-1.4
VAM	Vamos	1.20	81	Op	Pb	18 06 50.6	-0.5
VLI	Vellia	1.50	64	Op	Pg	18 06 56.1	-0.7
ITMI	Ithomi	2.06	341	Op	Pn	18 07 06.1	+3.1
LAST	Lasthi	2.24	91	Op	Pn	18 07 05.6	+0.2
NPS	Neapoli	2.35	88	Op	Pn	18 07 07.5	+0.8
ZKR	Zakros	2.84	91	Op	Pn	18 07 14.0	+0.2
ZKR	Zakros	2.84	91	Op	eSn	18 07 48.0	-0.2
KARP	Karpathos	3.62	84	Op	Pn	18 07 25.8	+1.4
EVY	Evytria	3.76	49	Op	Pn	18 07 28.2	+1.9
AGG	Agios Georgios	3.81	355	Op	Pn	18 07 26.9	-0.1
AGG	Agios Georgios	3.81	355	Op	eSn	18 07 11.3	-0.7
MEV	Metsovon	4.71	346	Op	Pn	18 07 38.3	-1.1
MEV	Metsovon	4.71	346	Op	eSn	18 08 33.6	-0.6
OUR	Ouranopolis	5.19	10	Op	Pn	18 07 44.9	-1.2

NEIC 31 18:14:30.2,2862Sx7126W,h46km,MG3.6(GUC), After GUC 31 18:14:30.2,0.8,2862S,7126W,h46km,4km,ML3.6, 2C-3D,Near coast of central Chile

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
VACH	Vallenar	0.44	84	Op	Pn	18 14 41.1	+0.6
VACH	Vallenar	0.44	84	Op	eSn	18 14 48.5	+0.8
VACH	Vallenar	0.44	84	Op	AML	18 14 49.1	
VACH	Vallenar	0.44	84	Op	Pn	18 14 41.1	+0.6
VACH	Vallenar	0.44	84	Op	eSn	18 14 48.5	+0.8
LCO	Las Campanas	0.62	128	Op	Pn	18 14 43.3	+0.3
LCO	Las Campanas	0.62	128	Op	eSn	18 14 50.6	+1.2
CPCH	Copiapo	1.49	331	Op	Pn	18 14 54.8	+0.3
CPCH	Copiapo	1.49	331	Op	eSn	18 15 14.7	+1.9
CPCH	Copiapo	1.49	331	Op	AML	18 15 18.1	
CPCH	Copiapo	1.49	331	Op	Pn	18 14 54.8	+0.3
CPCH	Copiapo	1.49	331	Op	eSn	18 15 14.7	+1.9
CDCH	Caldera	1.59	14	Op	Pn	18 14 56.8	+0.9
CDCH	Caldera	1.59	14	Op	eSn	18 15 16.1	+0.9
TLL	Tololo Astrono	1.59	166	Op	Pn	18 14 57.5	+1.6
TLL	Tololo Astrono	1.59	166	Op	eSn	18 15 17.5	+2.3
CMCH	Combarbala	2.55	175	Op	Pn	18 15 09.9	+0.8
CMCH	Combarbala	2.55	175	Op	eSn	18 15 40.1	+1.3
CMCH	Combarbala	2.55	175	Op	AML	18 15 54.3	
CMCH	Combarbala	2.55	175	Op	Pn	18 15 09.9	+0.8
CMCH	Combarbala	2.55	175	Op	eSn	18 15 40.1	+1.3

ISC 31 18:15:29.6.0.9,315S.13072E,h0km,mb4.1/7,mb1 4.2/7, mb1mx4.1/16,mbmp4.1/7,MS3.62,Ms1 3.6/2, ms1mx3.0/28, Error ellipse: s-maj=57.7km s-min=17.2km az=72.0

NEIC 31 18:15:30.4.0.7,331S.13056E,h10km,mb4.2/3, Error ellipse: s-maj=33.7km s-min=10.3km az=78.0
 ISCJB 31 18:15:32.3.0.6,350S.005.1303E.01,h35km,mb3.9/8, MS3.8/1, Error ellipse: s-maj=20.8km s-min=7.0km az=165.0

ISC 31 18:15:34.5.0.6,347S.005.1303E.01,h35km,n18, r=1511/22,mb3.9/8,MS3.8/1,Seram

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
KAKA	Kakadu	0.42	167	Op	ISC	18 17 47.9	+0.3
KAKA	Kakadu	0.42	167	Op	eSn	18 19 32.4	+0.1
FITZ	Fitzroy Crossi	15.23	197	Op	Pn	18 19 08.3	+1.4
FITZ	Fitzroy Crossi	15.23	197	Op	Pn	18 19 07.8	+0.9
FITZ	Fitzroy Crossi	15.23	197	Op	Pn	18 21 53.6	-0.8
FITZ	Fitzroy Crossi	15.23	197	Op	LR	18 25 54.8	
WRA	Warramunga Arr	16.84	167	Op	S	18 22 26.6	-1.6
WRA	Warramunga Arr	16.84	167	Op	Pn	18 19 26.4	-1.0
WRA	Warramunga Arr	16.84	167	Op	Pn	18 22 26.6	-1.6
WB2	Warramunga Arr	16.84	167	Op	Pn	18 19 25.8	-1.6
WB2	Warramunga Arr	16.84	167	Op	eSn	18 22 26.6	-1.6
ASAR	Alice Springs	20.38	170	Op	Pn	18 20 10.8	+2.8
ASAR	Alice Springs	20.38	170	Op	S	18 23 53.6	-0.8
CTA	Charters Tower	22.70	138	Op	P	18 20 33.2	+0.4
STKA	Stephens Creek	30.19	161	Op	P	18 21 43.3	+1.9
STKA	Stephens Creek	30.19	161	Op	P	18 21 43.1	+1.7
JNU	Nakutsue	36.40	1	Op	LR	18 35 35.2	
MJAR	Matsushiro Arr	40.49	10	Op	P	18 23 05.8	-4.0
KSR5	Korea Array	40.78	357	Op	P	18 23 10.8	-1.4
ULN	Ulanbaatar	55.03	341	Op	P	18 25 02.7	+0.2
SONM	Songino Array	55.22	341	Op	P	18 25 03.6	-0.3
MKAR	Makanchi Array	55.22	341	Op	P	18 26 14.7	+0.8
BRVK	Borovoye	75.33	327	Op	P	18 27 14.7	+0.2
TORD	Torodi Arr. Bea	128.33	284	Op	PKPdf	18 34 38.6	+1.4

ISC 31 18:24:01.5.1.3,538N.12622E,h0km,mb3.6/6,mb1 3.8/6, mb1mx3.6/19,mbmp3.7/6, Error ellipse: s-maj=99.0km s-min=18.3km az=73.0

ISCJB 31 18:24:08.1.2.3,52N.02.1259E.06,h59km,23km, mb3.8/7, Error ellipse: s-maj=98.3km s-min=17.2km az=153.4

NEIC 31 18:24:08.6.2.4,518N.12577E,h45km,26km,mb4.6/1, Error ellipse: s-maj=85.2km s-min=14.9km az=78.0

ISC 31 18:24:09.0.2.2,52N.01.1258E.05,h48km,23km,n8, r=1558/8,mb3.8/7,Mindanao

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
DAV	Davao City (W)	1.87	354	Op	ISC	18 24 38.6	+0.1
FITZ	Fitzroy Crossi	23.18	190	Op	P	18 29 12.2	+0.9
WRA	Warramunga Arr	26.36	162	Op	P	18 29 38.7	-1.9
ASAR	Alice Springs	29.77	165	Op	P	18 30 11.3	+0.4
SONM	Songino Array	45.61	342	Op	P	18 32 23.4	-1.0
MKAR	Makanchi Array	55.22	325	Op	P	18 33 40.1	-1.1
TIKI	Tiksi	66.39	1	Op	P	18 34 53.8	+0.8
FINES	FINESS Array B	90.10	332	Op	P	18 37 05.4	+1.6

ISCJB 31 18:26:53.4.1.3,2320S.008.676W.02,h8km,18km, mb3.5/2, Error ellipse: s-maj=29.1km s-min=9.7km

az=39.2
 IDC 31 18:26:54.6.9.3,2304S.6821W,h96km,66km,mb3.6/2, mb1 3.6/4,mb1mx3.4/15,mbmp3.5/4,ML3.9/2, Error ellipse: s-maj=99.2km s-min=44.6km az=14.0
 NEIC 31 18:26:56.0.1.1,2300S.6820W,h109km,11km, Error ellipse: s-maj=28.9km s-min=12.7km az=113.0
 ISC 31 18:26:55.5.1.1,2321S.008.675W.02,h75km,16km,n10, r=1502/9,mb3.5/2,Chile-Argentina border region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
LCO	Las Campanas	6.44	206	Op	Pn	18 28 28.8	+1.2
LPAZ	La Paz	6.91	355	Op	Pn	18 28 33.9	-1.2
LPAZ	La Paz	6.91	355	Op	Pn	18 28 32.9	-1.1
CFAA	Coronel Fontan	6.93	184	Op	Sn	18 30 26.2	-1.1
SIV	San Ignacio	9.49	31	Op	Pn	18 29 09.8	+1.6
SIV	San Ignacio	9.49	31	Op	Sn	18 30 51.7	-0.6
TOAO	Torodi Arr. Sit	76.75	69	Op	P	18 38 38.2	-0.4
TORD	Torodi Arr. Bea	76.75	69	Op	P	18 39 31.1	+0.5
YKA	Yellowknife Arr	93.22	340	Op	P	18 39 54.6	-6.9
WRA	Warramunga Arr	132.09	208	Op	PKPdf	18 45 57.1	-3.3
MKAR	Makanchi Array	146.22	38	Op	PKPbc	18 46 24.8	-2.4

IDC 31 18:28:59.1.2.3,526N.12581E,h0km,mb3.5/3,mb1 3.7/3, mb1mx3.4/18,mbmp3.5/3, Error ellipse: s-maj=203.9km s-min=25.5km az=65.0,Mindanao

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
WRA	Warramunga Arr	26.41	162	Op	ISC	18 34 37.6	+0.2
ASAR	Alice Springs	29.82	165	Op	P	18 35 08.3	+0.5
MKAR	Makanchi Array	55.78	325	Op	P	18 38 37.9	+0.1

PRU 31 18:57:11.5,3319N.3244E,h30km,ML4.1
 IDC 31 18:57:16.5.1.0,3447N.3226E,h0km,mb3.9/9, mb1 4.0/14,mb1mx3.9/23,mbmp3.9/14,ML4.0/5,MS2.9/2, Ms1 2.9/2,ms1mx2.4/34, Error ellipse: s-maj=21.3km s-min=16.0km az=14.0

MOS 31 18:57:19.1.1.1,3431N.3230E,h33km,mb4.3/10, Error ellipse: s-maj=19.4km s-min=14.4km az=118.0

ISCJB 31 18:57:20.2.0.2,3430N.002.3230E.002,h51km,4km, mb3.9/19, Error ellipse: s-maj=3.4km s-min=2.0km az=112.4

CSEM 31 18:57:20.1.0.0,3433N.3226E,h47km,mb4.1/9,Mw3.7, Error ellipse: s-maj=1.7km s-min=1.0km az=56.0

GRAL 31 18:57:20.8.2.6,3427N.3229E,h24km,28km,MD3.9
 ISK 31 18:57:20.1,3429N.3226E,h57km,MD3.8,ML4.3
 NEIC 31 18:57:21.9.0.2,3432N.3231E,h48km,4km,mb4.1/12, MD3.8(ISK), Error ellipse: s-maj=5.0km s-min=2.5km az=55.0

NEIC Felt [III] at Emba and Paphos.
 HLW 31 18:57:22.3426N.3231E,h33km,MB4.2
 NIC 31 18:57:22.5.0.3,3440N.3226E,h25km,ML3.7,Mw3.6
 NIC Felt earthquake; Maximum Intensity 3; Felt I-III MM at Emba, Pafos.
 GII 31 18:57:23.1.0.7,3430N.3226E,h31km,1km,ML3.5/4, Mw2.9/4

NSSC 31 18:57:29.3445N.3308E,h40km
 ISC 31 18:57:21.8.0.2,3431N.002.3231E.002,h50km,4km, n196,r=089/240,mb3.9/19,9C-21D,Cyprus region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
PPCY	Paphos	0.57	3	Op	Pn	18 57 32.2	-1.7
SZAC	Souni-Zanaja	0.65	47	Op	Pn	18 57 33.5	-1.4
AKMC	Akamak	0.72	2	Op	Pn	18 57 34.2	-1.5
ALFC	Alevga	0.88	16	Op	Pn	18 57 36.2	-1.7
ALFC	Alevga	0.88	16	Op	Sn	18 57 47.0	-2.3
ALFC	Alevga	0.88	16	Op	S	18 57 47.0	-2.3
ALFC	Alevga	0.88	16	Op	Pn	18 57 36.2	-1.7
CSS	Prodhromos	1.07	52	Op	Pn	18 57 39.6	-0.8
CSS	Prodhromos	1.07	52	Op	S	18 57 53.6	-0.5
CSS	Prodhromos	1.07	52	Op	Pn	18 57 39.6	-0.8
MAMC	Mammari	1.14	41	Op	Pn	18 57 41.1	-0.3
PHNC	Paralimni	1.58	64	Op	Pn	18 57 48.1	-0.7
IKL	Isikii	2.23	30	Op	Pn	18 57 56.2	-1.0
ERMK	Ermenek	2.38	12	Op	Pn	18 57 56.6	+1.3
ERMK	Ermenek	2.38	12	Op	Sn	18 58 28.2	+1.9
MATL	Matirih	2.64	107	Op	Pn	18 58 01.4	-0.5
HDMB	Hadim	2.65	3	Op	Pn	18 58 03.1	+1.0
HNTH	Hanitha	2.69	116	Op	Pn	18 58 02.5	+0.0
OFRI	Ofir	2.80	142	Op	Pn	18 57 46.2	-1.7
BHL	Bhannes	2.81	97	Op	Pn	18 58 03.1	+1.0
BHL	Bhannes	2.81	97	Op	Sn	18 58 33.3	-3.5
MMA0B	Mount Meron Ar	2.89	116	Op	Pn	18 58 05.1	-0.2
MMA0B	Mount Meron Ar	2.89	116	Op	Sn	18 58 39.6	+0.8
MMA1	Mammari	2.89	116	Op	Pn	18 58 05.2	0.0
MMA1	Mammari	2.89	116	Op	Sn	18 58 39.6	+0.8
AKAS	Kas	2.93	312	Op	Pn	18	

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like La Plagne, Saint-Saulge, Les Rejaudoux, etc.

NIED 31 19:19:00, 2200N, 12070E, h47km, Mw3.9 Best double couple: M7.500000, 1014, NP1=148.00000, 888.00000, 1.80.00000, NP2=249.00000, 810.00000, 1.169.00000.
NEIC 31 19:19:37.2, 1.0, 2175N, 12082E, h10km, mb3.6/1, Error ellipse: s-maj=22.6km s-min=13.7km az=96.0
ISCJCB 31 19:19:40.4, 1.1, 2183N, 12072E, h52km, 11km, mb3.4/7, Error ellipse: s-maj=14.4km s-min=8.7km az=64.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NACB, YHNB, TATO, YOJ, etc.

CSEM 31 19:21:44.5, 6787N, 2019E, h3km, ML3.1, Suspected Mining explosion. After UPP
UPP 31 19:21:44.5, 6787N, 2019E, h3km, ML3.1, Suspected Mining explosion.
HEL 31 19:21:45.2, 0.2, 6786N, 2017E, h0km, ML1.9, ML3.1 (UPP), Explosion, Sweden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KUA, KURVAARA, NIKU, LANU, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KU4, KU6, KUJ, etc.

NEIC 31 19:32:57.8, 1708N, 9397W, h132km, MD4.0 (MEX), After MEX.
MEX 31 19:32:57.8, 0.7, 1711N, 9397W, h131km, 12km, MD4.1, Chiapas

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

NAO 31 19:34:18.6, 15.5, 6775N, 3358E, ML2.2
HEL 31 19:34:18.5, 0.3, 6772N, 3369E, h0km, ML2.5, ML2.2 (NAO), Explosion, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like APA0, KU4, KU6, etc.

ISCJCB 31 19:36:05.0, 0.5, 1142S, 007.16147E, h10km, mb4.6/23, MS3.7/8, Error ellipse: s-maj=12.5km s-min=9.7km az=18.2
IDC 31 19:36:04.9, 0.9, 1132S, 16143E, h0km, mb4.3/11, mb1.4/4.14, mb1mx3.4/27, mbtmp3.4/18, MS3.7/11, MS1.3/7.11, ms1mx3.4/27, Error ellipse: s-maj=25.5km s-min=17.3km az=108.0

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

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

MOS 31 19:37:06.0, 0.6, 4127N, 4457E, h10km, mb3.8/1, Error ellipse: s-maj=99.9km s-min=12.8km az=96.5
ISCJCB 31 19:37:15.0, 0.6, 4176N, 004.4452E, h10km, 6km, Error ellipse: s-maj=8.0km s-min=4.5km az=96.5
TIF 31 19:37:14.0, 0.1, 4173N, 4455E, h24km, 1km
ISC 31 19:37:15.2, 0.5, 4177N, 004.4453E, h13km, 6km, n11, MSN92, 2C-20, Western Caucasus

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BILL, SVWZ, GUN, MAW, etc.

YKA 31 19:37:24.0, 18.4S, MS3.7, baz=60, slow=36
YKA 31 19:37:24.0, 18.4S, MS3.7, baz=60, slow=36
YKA 31 19:37:24.0, 18.4S, MS3.7, baz=60, slow=36

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MTA, GOR, KZR, etc.

IDC 31 19:53:29.3, 0.9, 1380N, 14491E, h113km, 5km, mb2.9/4, mb1.3/24, mb1mx3.0/20, mbtmp2.9/4, Error ellipse: s-maj=55.1km s-min=24.0km az=90.0, Mariana Islands

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

NIED 31 20:08:00, 2960N, 13070E, h47km, Mw4.2 Best double couple: M2.540000, 1015, NP1=15.00000, 888.00000, 1.78.00000, NP2=277.00000, 812.00000, 1.172.00000.
ISCJCB 31 20:08:56.9, 0.6, 2957N, 004.13055E, h59km, 6km, mb3.7/10, Error ellipse: s-maj=12.2km s-min=4.9km

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like KBL Kabul, AAK Ala-Archa, MKAR Makanchi Array, etc.

SFS 31 21:38:40.0, 3555N-404W, h0km, ML2.2
ISCJB 31 21:38:41.0, 0.5, 3557N-002.407W, 003, h19km, 5km,
Error ellipse: s-maj=3.6km s-min=3.1km az=178.8

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like MPAL Paalem, TOU Touzarine, EALB Alboran, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like EJIF Jimena Fronter, ERON Agron, TZK Tazeka, etc.

ISCJB 31 21:56:20.8, 1.4, 310S-14199E, h0km, mb3.7/6, mb1 4.0/7,
mb1mx3.8/14, mbtmp3.8/7, ML3.8/1, MS3.0/1,
ms1mx2/22, Error ellipse: s-maj=54.2km s-min=21.6km
az=100.0

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like PMG Port Moresby, KAKA Kakadu, KAKA Kaka, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like ASAR Alice Springs, KKM Kota Kinabalu, LSA Lhasa, etc.

IDC 31 22:31:21.6, 3.4, 2015S-17686W, h0km, mb4.0/3,
mb1 4.2/3, mb1mx3.8/14, mbtmp4.0/3, Error ellipse:
s-maj=196.1km s-min=37.9km az=148.0

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like AFI Afiamalu, HNR Honiara, CTAO Charters Tower, etc.

IDC 31 22:35:24.0, 0.5, 4986N-15569E, h0km, mb4.2/28,
mb1 4.4/29, mb1mx4.3/31, mbtmp4.2/29, ML4.2/1, MS3.8/6,
Ms1 3.8/6, ms1mx3.4/32, Error ellipse: s-maj=16.5km
s-min=12.2km az=135.0

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like SKR Severo-Kuril's, SKR SKR, SKR SKR, etc.

ALID Alaid 1.07 353 eP Pn 22 35 53.7 +0.2
ALID Alaid 2.55 14 iS Sn 22 36 10.7 +2.5
MIPR Malaya Ipe'l'ka 2.55 14 iS Pn 22 36 12.4 -0.6

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like ALID Alaid, MIPR Malaya Ipe'l'ka, GRL Gorelyy, etc.

31d 22h

Table of astronomical observations for 31 days and 22 hours. Columns include object name (e.g., YSS, MA2, ASAJ), coordinates, magnitude, and other parameters.

2006 DEC

Table of astronomical observations for December 2006. Columns include object name (e.g., WMQ, MKAR, KURK), coordinates, magnitude, and other parameters.

1014

Table of astronomical observations for 1014. Columns include object name (e.g., KHC, GERES, BR131), coordinates, magnitude, and other parameters.

IS/CJB 31 22:36:20.6+0.9, 101S:02:1086E:02, h10km, mb3.8/7, Error ellipse: s-maj=36.3km s-min=10.6km az=95.1

Table with 10 columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists observation codes and station details.

QSPA South Pole Qui 79.83 180 P P 22 48 30.5 -0.4
YKA Yellowknife Arr 119.31 21 PKP PKPdf 22 55 12.1 +0.3

NIED 31 22:37:00, 2480N, 12250E, h98km, Mw4.4. Best double couple: 1.64, 680000; 1.019, 1.11, 93, 0700000; 0.62, 000000, 1-90, 000000; NP2: 276.000000; 328.000000, 1-91, 000000
MOS 31 22:37:16.8, 1.4, 2493N, 12279E, h33km, mb5.0/8, Error ellipse: s-maj=15.3km s-min=8.5km az=116.0

Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YONAGUNI JIMA, TAIPEI, NINGANCHIAO, etc.

Main table of seismic events with columns: LSA, TLY, PSI, GUN, PKI, KKN, DMN, GKN, KOLN, YAK, etc. Includes event details like 22:43 11.7 +1.9, 22:43 28.6 -0.8, etc.

Table of seismic events with columns: RPN, RPN, RPN, RPN, etc. Includes event details like 22 50 27.3 +5.7, 22 50 35.3, etc.

31d 22h

Table with columns: ID, Name, Time, Status, and other details. Rows include DECC Green Verdugo, X13A Yucca, NEE2 Needles Airpor, GMRC Granite Mounta, OSI Osito Adit, HEC Hector,Ludlow, EDW2 Edwards Air Fo, W13A Hualapai Mount, W15A Williams, ANMO Albuquerque, ANMO Albuquerque, W14A Seligman, PKM Peak Mountain, POHA Pohakuloa, GRGR Greenville, W12A Cal Nev Ari, GSC Goldstone, DWPF Disney, TUQ Turquoise Mtn, WUAZ Wupatki, LRMCM Laurel Mountai, AMTX Amarillo, SMMC Simmler, BRAL Brewton, V12A Nelson, V11A Goodsprings, ISA Isabella, SHOC Shoshone, WMOK Wichita Mounta, WMOK Wichita Mounta, VES Vestal, RIchgr, SJG San Juan, MPMC Mariposa, PKD Parkfield, DAC Darwin (Calif), U12A Valley of Fire, SHPR Sheep Range, FURC Furnace Creek, CWC Cottonwood Cre, U04C Hernandez Rese, HELL Mitchell Peak, MIAR Mount Ida, SAO San Andreas Ge, MVCO Mesa Verde, MVCO Mesa Verde, T06C Millerton Lake, BBGH Gun Hill, CCUT Cedar City, UALR University of, MTUM Tungsten Hills, S08C White Mtn Res, S05C Merced, ARUT Antelope Range, S09A Goldfield, S04C Ingram Canyon, SDCO Great Sand Dun, OXF Oxford, TPH Tonopah, TPH Tonopah, PV01 Paradox Valley, R07C Lee Vining, R09A Tonopah, R10A Warm Springs, CMB Columbia Colle, CMB Columbia Colle, CMB Columbia Colle, PV10 Paradox Valley, MVU Marysvale, MSU Marysvale, R08A Mina, NVAR Mina Array Bea, WAKR Walker, R06C Coleville, MCCM Marconi Confer, Q11A Duckwater, CVS Carmenet Viney, Q08A Gabbs, Q12A Willow Creek R, R05C Kirkwood Meado, SRU San Rafael, NSHM Saint Helena R, Q07A Schurz

2006 DEC

Table with columns: ID, Name, Time, Status, and other details. Rows include LAVA Lava Cap Winer, GOGA Godfrey, GOGA Godfrey, TMUT Trail Mountain, Q04C Lincoln, SMCO Snowmass, P12A McGill, MNRC McLaughlin Nat, P11A Circle Ranch, HOPS Hopland, P10A Eureka, P05C Yuba Gap, Truc, OHCM Honcut, PAHR Pah Rah Range, MPU Maple Canyon, P06A Stead Airport, ORV Oroville, WVT Waverly, WVT Waverly, DUG Dugway, DUG Dugway, DUG Dugway, O11A Quincy, BEKR Beckwourth, O09A Fish Creek Ran, GASB Alder Springs, NHSC New Hope, O10A Cortez Mining, O05C Daniels Canyon, DAU Daniels Canyon, O07A Toulon, O06A Flanigan, BMN Battle Mountai, SNAA Sanae, JLU Jordanelle, NOQ North Oquirrh, CTJ Camp Tracy, KSU1 Kansas State U, O04C Chester, O02C Red Bluff, N13A Wendover, West, N12A Clover Valley, N09A Rock Creek Ran, N07B Gerlach, ELFS Eagle Lake Fe, N06A Buffalo Meadow, FVM French Village, WDC Whiskeytown Da, WDC Whiskeytown Da, SIUC Southern Illin, SPUT South Promonto, HATC Hat Creek Radi, M13A Montello, M12A Wells, M11A Holland Ranch, M09A Marrel Ranch, M06C Likely Place G, PHWY Pilot Hill, HWUT Hardware Ranch, KHHM Horse Mountain, M08A Happy Creek Ra, M07A Soldier Meadow, M05C Lookout, M03C McCloud, TZTN Tazewell, M02C Callahan, L13A Double Diamond, L09A Wilkinson Ranch, L12A House Creek Ra, MOD Modoc, L07A Adell, M04C Marcel, YBH Yreka Blue Hor, YBH Yreka Blue Hor, YBH Yreka Blue Hor, L08A Fields, L05A Lakeview, K14A Jones Ranch, D, WCI Wyandotte Cave, W00R Wild Horse Val, W00R Wild Horse Val, W00R Wild Horse Val, K13A Stover Farm, H, K12A Draper Farm, C, L04A Klamath Falls

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Table with columns: ID, Name, Time, Status, and other details. Rows include PDAR Pinedale Array, K09A Rome, K10A MacKenzie Ranc, L02A Cave Junction, K08A Mann Creek Ran, K07A Rock Creek Ran, CNNC Cliffs of the, K05A Summer Lake, K06A Valley Falls, HUMO Hull Mountain, HUMO Hull Mountain, J12A Stokes Ranch, REDW Red Top Meadow, J13A Cove Ranch, Pi, SNOW Snow King Moun, SNOW Snow King Moun, SNOW Snow King Moun, SNOW Snow King Moun, MFD Camas Ranch, TPAW Teton Pass, J09A Fry Pan Ranch, J08A Circle Bar Ran, HLID Hailey, HLID Hailey, J06A Christmas Vall, DCIDI Drake Creek, LOHW Long Hollow, J05A Fort Rock, MOOW Moose Ponds, BLA Blacksburg, BLA Blacksburg, BLA Blacksburg, J04A Umqupa Nationa, IMW Indian Meadow, I11A Placerville, J03A Ideyld Park, J02A Umqupa, SCIA State Center, SCIA State Center, I08A Drewsey, I09A Lost Marbles R, I06A Prineville, I07A Ize, I04A Tendick Farm, H12A Diamond D Ranc, H13A Challis, I05A Benton, YMR Madison River, H10A Noah's Angus R, H08A Prairie City, I02A Mapleton, H11A Donnelly, H09A Durkee, MCMT McKenzie Canyo, QLMT Earthquake Lak, H07A Lands Inn, Kim, BMO Blue Mountains, NVL N'azarevskaya, NVL N'azarevskaya, H05A Madras, H06A Lindquist Farm, G15A Colalt, G13A Dillon, RLMT Red Lodge, G14A Jackson, COR Corvallis, H03A Soap Creek Ran, G08A Pilot Rock, G07A Ruggs Ranch, H, G06A Carlson Farm, BOZ Bowman (W), G05A Wamic, F12A Elk City, F13A Darby, F14A Wisdom, GCMT Greycliff, CBN Corbin, CBN Corbin, F09A S2 Ranch, Elgi, F11A Grangeville, F08A Pendleton, F10A Beach Ranch, E, F07A Phinny Hill Vi, F05A White Salmon, E14A Clinton, E15A Deer Lodge, E11A Bogner Ranch, E13A Victor

31 Dec 23h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CHIANG MAI, KESKIN ARRAY S, BR131, etc.

ISCJB 31 23:08:57.0-0.6, 226295.003-6739W, 007, h170km, 6km, mb4.1/14, Error ellipse: s-maj=10.0km s-min=5.5km az=169.0

NEIC 31 23:08:58.7-0.8, 226356.6740W, h159km, 8km, mb4.3/12, Error ellipse: s-maj=13.0km s-min=7.8km az=81.0

IDC 31 23:08:59.4-1.5, 225656.6738W, h155km, 13km, mb3.8/7, mb1.4/12, mb1mx3.9/19, mbtmp4.0/12, Error ellipse: s-maj=21.6km s-min=11.9km az=76.0

GUC 31 23:09:01.0-0.7, 229556.6771W, h200km, ML4.8, ISC 31 23:08:59.0-0.6, 226295.003-6744W, 007, h160km, 6km, m5.4, r1534/63, mb4.1/14, 2C-1D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CEN1, ANCH, CPNH, etc.

2006 DEC

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

ISCJB 31 23:20:08.6-0.4, 28639.007-11284W, 007, h10km, mb4.5/28, MS4.7/14, Error ellipse: s-maj=10.0km s-min=9.4km az=21.1

NEIC 31 23:20:10.3-0.3, 286635.11277W, h10km, mb4.2/20, Error ellipse: s-maj=13.4km s-min=8.9km az=76.0

MOS 31 23:20:14.3-1.5, 28325.11240W, h33km, mb4.7/10, Error ellipse: s-maj=25.1km s-min=11.4km az=84.7

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

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

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

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

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

1018

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BR131, BR131, BRTR, etc.

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

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

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

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

MAN 31 23:20:17.6, 1265N-12336E, h14km, mb2.0, ML3.7, MS8.7, 1C, Luzon

IDC 31 23:22:42.0-2.1, 149N-12648E, h0km, mb3.3/3, mb1.3/6.3, mb1mx3.3/15, mbtmp3.4/3, Error ellipse: s-maj=181.4km s-min=25.5km az=66.0, Northern Molucca Sea

KISR 31 23:26:49.4-1.2, 2850N-5736E, h10km, 999km, ML3.8, ISCJB 31 23:26:50.9-1.0, 28335N-005-5742E-0.06, h10km, Error ellipse: s-maj=8.7km s-min=6.0km az=65.5

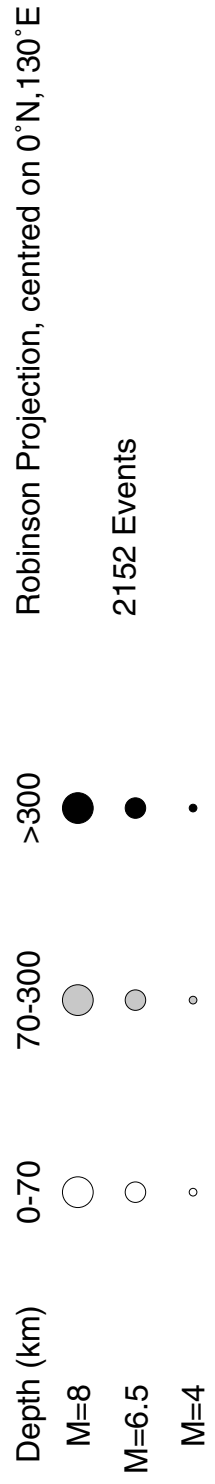
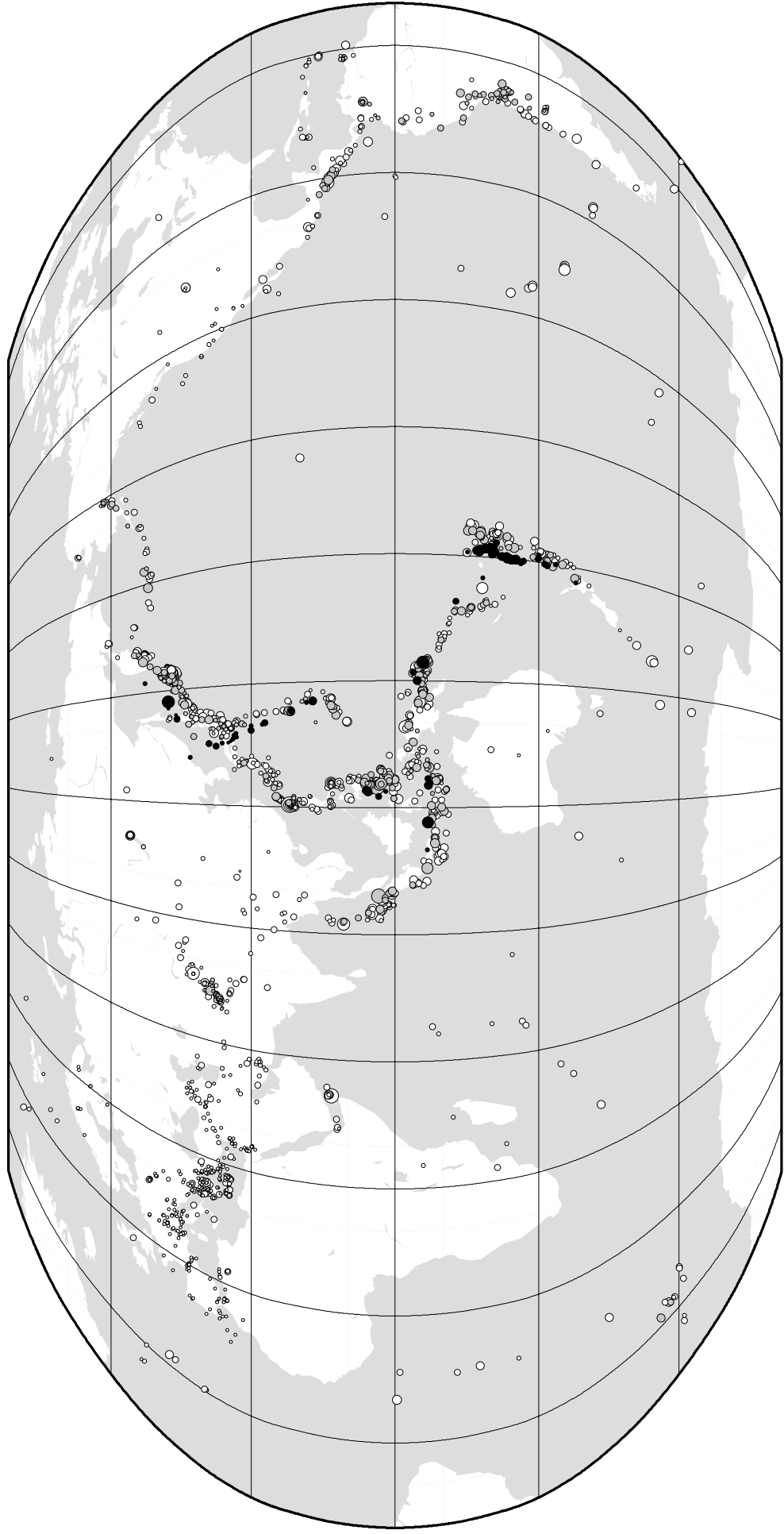
CSEM 31 23:26:51.1, 2829N-5760E, h15km, ML3.3, After THR THR 31 23:26:51.1, 2829N-5760E, h15km, ML3.3, ISC 31 23:26:52.0-2.1, 2832N-005-5750E, 007, h6km, 7km, n10, r084/17, Southern Iran

comp=E,551nm,0.6s,SNR=90						
KRBR	Kerman	1.78 339	ePg	Pg	23 27 24.9	-1.2
KRBR			eSg	Sg	23 27 49.8	+0.7
KRBR			AML	AML	23 28 06.7	
comp=E,200nm,0.6s						
KRBR			AML	AML	23 28 07.0	
comp=N,244nm,0.5s						
KRBR	Kerman	1.78 339	ePg	Pg	23 27 24.9	-1.2
KRBR			eSg	Sg	23 27 49.8	+0.7
SNR=90						
comp=N,244nm,0.5s,SNR=90						
ZHSF	Zahedan	3.14 65	ePn	Pn	23 27 41.4	-0.6
GHIR	Ghir-Karzin	3.98 271	ePn	Pn	23 27 55.0	+1.5
GHIR			AML	AML	23 28 55.4	
comp=N,30nm,0.5s						
GHIR			AML	AML	23 29 02.7	
comp=E,27nm,0.4s						
UMR	Umm Al-Rimman	8.66 280	eP	Pn	23 28 58.3	+0.5
UMR			eS	Sn	23 30 35.3	-0.5
UMR			AML	AML	23 30 36.4	
comp=Z,7.1nm,0.3s						
RDF	Al-Radifah	8.77 276	eP	Pn	23 28 59.5	+0.2
RDF			eS	Sn	23 30 38.1	-0.3
RDF			AML	AML	23 30 41.9	
comp=Z,7.0nm,0.4s						
MIB	Mutribah	9.02 282	eP	Pn	23 29 03.9	+1.2
MIB			eS	Sn	23 30 43.2	-1.3
MIB			AML	AML	23 30 47.0	
comp=Z,6.0nm,0.6s						
NAY	Al-Naaiem	9.05 278	eP	Pn	23 29 04.0	+0.8
NAY			eS	Sn	23 30 45.2	-0.1
NAY			AML	AML	23 30 49.3	
comp=Z,4.2nm,0.5s						

IDC 31 23:42:07.7-9.2, 825S-12674E, h261km, 111km, mb2.8/1, mb1 3.3/4, mb1mx3.0/14, mbtmp3.1/4, Error ellipse: s-maj=77.2km s-min=49.8km az=35.0, Timor region

Code	Station Name	Δ°	AZ $^\circ$	Phase	ID	Time	Res
				Op	ISC	h m s	ISC
FITZ	Fitzroy Crossi	9.85 186		P	Pn	23 44 23.6	-0.5
0.3nm,0.3s,baz=11,slow=14,SNR=15							
FITZ				S	S	23 46 15.0	0.0
0.7nm,0.3s,baz=311,slow=20,SNR=5.7							
WRA	Warramunga Arr	13.75 148		P	Pn	23 45 11.9	-0.5
0.5nm,0.3s,baz=327,slow=12,SNR=11							
WRA				S	S	23 47 31.8	-1.3
0.3nm,0.3s,baz=329,slow=23,SNR=4.8							
ASAR	Alice Springs	16.79 157		P	P	23 45 47.9	+1.5
0.6nm,0.3s,baz=343,slow=12,SNR=5.5							
MKAR	Makanchi Array	67.55 329		P	P	23 52 36.1	+0.1
0.2nm,0.6s,baz=118,slow=9.0,SNR=4.1							

ISC Computed Locations for December 2006



IASPEI Standard Seismic Phase List

After numerous consultations with the seismological community this list was finalized in May 2002 by the IASPEI Working group on Phase names, chaired by D.A. Storchak. Other members of the WG were R.D. Adams, P.Bormann, E.R. Engdahl, J. Havskov, B.N.L. Kennett and J. Schweitzer. The list has finally been approved by the IASPEI Commission on Seismological Observation and Interpretation (CoSOI) and adopted by IASPEI in Sapporo on 9 July 2003

Storchak D.A., Schweitzer J., Bormann P. (2003) The IASPEI Standard Seismic Phase List, Seismological Research Letters 74, 6, 761-772

Storchak D.A., Schweitzer J., Bormann P. (2002) Standard Nomenclature of Seismic Phases. New Manual of Seismological Observatory Practice (NMSOP), GeoForschungZentrum Potsdam, volume 2, annex IS 2.1, 1-17.

Crustal Phases

Pg	At short distances, either an upgoing P wave from a source in the upper crust or a P wave bottoming in the upper crust. At larger distances also arrivals caused by multiple P-wave reverberations inside the whole crust with a group velocity around 5.8 km/s.		
Pb	Either an upgoing P wave from a source in the lower crust or a P wave bottoming in the lower crust (alt: P*)	Pz-P	P reflection from inner side of discontinuity at depth z. For example, P660-P is a P reflection from below the 660 km discontinuity, which means it is precursory to PP.
Pn	Any P wave bottoming in the uppermost mantle or an upgoing P wave from a source in the uppermost mantle	Pz+S	P to S converted reflection from outer side of discontinuity at depth z (alt: PzS)
PnPn	Pn free-surface reflection	Pz-S	P to S converted reflection from inner side of discontinuity at depth z
PgPg	Pg free-surface reflection	PScS	P (leaving a source downward) to ScS reflection at the free surface
PmP	P reflection from the outer side of the Moho	Pdif	P diffracted along the CMB in the mantle (old: Pdiff)
PmPN	PmP multiple free surface reflection; N is a positive integer. For example, PmP2 is PmPPmP.	S	Shear wave, bottoming below the uppermost mantle; also an upgoing shear wave from a source below the uppermost mantle
PmS	P to S reflection from the outer side of the Moho	SS	Free-surface reflection of an S wave leaving a source downward
Sg	At short distances, either an upgoing S wave from a source in the upper crust or an S wave bottoming in the upper crust. At larger distances also arrivals caused by superposition of multiple S-wave reverberations and SV to P and/or P to SV conversions inside the whole crust.	SP	S, leaving source downward, reflected as P at the free surface. At shorter distances the second leg is represented by a crustal P wave.
Sb	Either an upgoing S wave from a source in the lower crust or an S wave bottoming in the lower crust (alt: S*)	SSS	Analogous to SS
Sn	Any S wave bottoming in the uppermost mantle or an upgoing S wave from a source in the uppermost mantle	SSP	SS to P converted reflection at the free surface; travel time matches that of SPS.
SnSn	Sn free-surface reflection	SPP	SP reflected at the free surface
SgSg	Sg free-surface reflection	ScS	S reflection from the CMB
SmS	S reflection from the outer side of the Moho	ScP	S to P converted reflection from the CMB
SmSN	SmS multiple free-surface reflection; N is a positive integer. For example, SmS2 is SmSSmS.	ScSN	ScS multiple free-surface reflection; N is a positive integer. For example ScS2 is ScSScS.
SmP	S to P reflection from the outer side of the Moho	Sz+S	S reflection from outer side of a discontinuity at depth z; z may be a positive numerical value in km. For example S660+S is an S reflection from the top of the 660 km discontinuity. (alt: SzS)
Lg	A wave group observed at larger regional distances and caused by superposition of multiple S-wave reverberations and SV to P and/or P to SV conversions inside the whole crust. Themaximum energy travels with a group velocity around 3.5 km/s.	Sz-S	S reflection from inner side of discontinuity at depth z. For example, S660-S is an S reflection from below the 660 km discontinuity, which means it is precursory to SS.
Rg	Short-period crustal Rayleigh wave	Sz+P	S to P converted reflection from outer side of discontinuity at depth z (alt: SzP)
		Sz-P	S to P converted reflection from inner side of discontinuity at depth z
		ScSP	ScS to P reflection at the free surface
		Sdif	S diffracted along the CMB in the mantle (old: Sdiff)

Mantle Phases

P	A longitudinal wave, bottoming below the uppermost mantle; also an upgoing longitudinal wave from a source below the uppermost mantle
PP	Free-surface reflection of P wave leaving a source downward
PS	P, leaving a source downward, reflected as an S at the free surface. At shorter distances the first leg is represented by a crustal P wave.
PPP	Analogous to PP
PPS	PP to S converted reflection at the free surface; travel time matches that of PSP
PSS	PS reflected at the free surface
PcP	P reflection from the core-mantle boundary (CMB)
PcS	P to S converted reflection from the CMB
PcPN	PcP multiple free-surface reflection; N is a positive integer. For example PcP2 is PcPPcP.
Pz+P	P reflection from outer side of a discontinuity at depth z; z may be a positive numerical value in

Core Phases

PKP	Unspecified P wave bottoming in the core (alt: P')
PKPab	P wave bottoming in the upper outer core; ab indicates the retrograde branch of the PKP caustic (old: PKP2)
PKPbc	P wave bottoming in the lower outer core; bc indicates the prograde branch of the PKP caustic (old: PKP1)
PKPdf	P wave bottoming in the inner core (alt: PKIKP)
PKPpre	A precursor to PKPdf due to scattering near or at the CMB (old: PKhKP)
PKPdif	P wave diffracted at the inner core boundary (ICB) in the outer core
PKS	Unspecified P wave bottoming in the core and converting to S at the CMB
PKSab	PKS bottoming in the upper outer core
PKSbc	PKS bottoming in the lower outer core
PKSdf	PKS bottoming in the inner core
P'P'	Free-surface reflection of PKP (alt: PKPPKP)

P'N PKP reflected at the free surface $N - 1$ times; N is a positive integer. For example, P'3 is P'P'P'. (alt: PKPM)

P'z-P' PKP reflected from inner side of a discontinuity at depth z outside the core, which means it is precursory to P'P'; z may be a positive numerical value in km.

P'S' PKP to SKS converted reflection at the free surface; other examples are P'PKS, P'SKP (alt: PKPSKS)

PS' P (leaving a source downward) to SKS reflection at the free surface (alt: PSKS)

PKKP Unspecified P wave reflected once from the inner side of the CMB

PKKPab PKKP bottoming in the upper outer core

PKKPbc PKKP bottoming in the lower outer core

PKKPdf PKKP bottoming in the inner core

PNKP P wave reflected $N - 1$ times from inner side of the CMB; N is a positive integer.

PKKPpre A precursor to PKKP due to scattering near the CMB

PKiKP P wave reflected from the inner core boundary (ICB)

PKNIKP P wave reflected $N - 1$ times from the inner side of the ICB

PKJKP P wave traversing the outer core as P and the inner core as S

PKKS P wave reflected once from inner side of the CMB and converted to S at the CMB

PKKSab PKKS bottoming in the upper outer core

PKKSbc PKKS bottoming in the lower outer core

PKKSdf PKKS bottoming in the inner core

PcPP' PcP to PKP reflection at the free surface; other examples are PcPS', PcSP', PcSS', PcPSKP, PcSSKP. (alt: PcPPKP)

SKS unspecified S wave traversing the core as P (alt: S')

SKSac SKS bottoming in the outer core

SKSdf SKS bottoming in the inner core (alt: SKIKS)

SPdifKS SKS wave with a segment of mantleside Pdif at the source and/or the receiver side of the ray path (alt: SKPdifS)

SKP Unspecified S wave traversing the core and then the mantle as P

SKPab SKP bottoming in the upper outer core

SKPbc SKP bottoming in the lower outer core

SKPdf SKP bottoming in the inner core

S'S' Free-surface reflection of SKS (alt: SKSSKS)

S'N SKS reflected at the free surface $N - 1$ times; N is a positive integer

S'z-S' SKS reflected from inner side of discontinuity at depth z outside the core, which means it is precursory to S'S'; z may be a positive numerical value in km.

S'P' SKS to PKP converted reflection at the free surface; other examples are S'SKP, S'PKS. (alt: SKSPKP)

S'P SKS to P reflection at the free surface (alt: SKSP)

SKKS Unspecified S wave reflected once from inner side of the CMB

SKKSac SKKS bottoming in the outer core

SKKSdf SKKS bottoming in the inner core

SNKS S wave reflected $N - 1$ times from inner side of the CMB; N is a positive integer.

SKiKS S wave traversing the outer core as P and reflected from the ICB

SKJKS S wave traversing the outer core as P and the inner core as S

SKKP S wave traversing the core as P with one reflection from the inner side of the CMB and then continuing as P in the mantle

SKKPab SKKP bottoming in the upper outer core

SKKPbc SKKP bottoming in the lower outer core

SKKPdf SKKP bottoming in the inner core

ScSS' ScS to SKS reflection at the free surface; other examples are ScPS', ScSP', ScPP', ScSSKP, ScPSKP. (alt: ScSSKS)

Near-source Surface reflections (Depth Phases)

pPy All P-type onsets (Py), as defined above, which resulted from reflection of an upgoing P wave at

the free surface or an ocean bottom. WARNING: The character y is only a wild card for any seismic phase, which could be generated at the free surface. Examples are pP, pPKP, pPP, pPcP, etc.

sPy All Py resulting from reflection of an upgoing S wave at the free surface or an ocean bottom; for example, sP, sPKP, sPP, sPcP, etc.

pSy All S-type onsets (Sy), as defined above, which resulted from reflection of an upgoing P wave at the free surface or an ocean bottom; for example, pS, pSKS, pSS, pScP, etc.

sSy All Sy resulting from reflection of an upgoing S wave at the free surface or an ocean bottom; for example, sSn, sSS, sScS, sSdif, etc.

pwPy All Py resulting from reflection of an upgoing P wave at the ocean's free surface

pmPy All Py resulting from reflection of an upgoing P wave from the inner side of the Moho

Surface Waves

L Unspecified long-period surface wave

LQ Love wave

LR Rayleigh wave

G Mantle wave of Love type

GN Mantle wave of Love type; N is integer and indicates wave packets traveling along the minor arcs (odd numbers) or major arc (even numbers) of the great circle

R Mantle wave of Rayleigh type

RN Mantle wave of Rayleigh type; N is integer and indicates wave packets traveling along the minor arcs (odd numbers) or major arc (even numbers) of the great circle

PL Fundamental leaking mode following P onsets generated by coupling of P energy into the waveguide formed by the crust and upper mantle

SPL S wave coupling into the PL waveguide; other examples are SSPL, SSSPL.

Acoustic Phases

H A hydroacoustic wave from a source in the water, which couples in the ground

HPg H phase converted to Pg at the receiver side

HSg H phase converted to Sg at the receiver side

HRg H phase converted to Rg at the receiver side

I An atmospheric sound arrival which couples in the ground

IPg I phase converted to Pg at the receiver side

ISg I phase converted to Sg at the receiver side

IRg I phase converted to Rg at the receiver side

T A tertiary wave. This is an acoustic wave from a source in the solid earth, usually trapped in a low-velocity oceanic water layer called the SOFAR channel (SOund Fixing And Ranging).

TPg T phase converted to Pg at the receiver side

TSg T phase converted to Sg at the receiver side

TRg T phase converted to Rg at the receiver side

Amplitude Measurement Phases

A Unspecified amplitude measurement

AML Amplitude measurement for local magnitude

AMB Amplitude measurement for body-wave magnitude

AMS Amplitude measurement for surface-wave magnitude

END Time of visible end of record for duration magnitude

Unidentified Arrivals

x unidentified arrival (old: i, e, NULL)

rx unidentified regional arrival (old: i, e, NULL)

tx unidentified teleseismic arrival (old: i, e, NULL)

Px unidentified arrival of P type (old: i, e, NULL, (P), P?)

Sx unidentified arrival of S type (old: i, e, NULL, (S), S?)