

ACKNOWLEDGEMENTS

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MEMBERS

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SPONSORS

**All data, including phase data, are available on CD-ROM
 and from the internet - <http://www.isc.ac.uk>**

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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±1.7,21.70S×179.55W,h600km,mb4.6/6,
Error ellipse: s-maj=75.5km s-min=25.7km az=151.0
IDC 01 18:45:46.3±2.6,21.76S×179.70W,h627km,37km,mb3.5/4,
mb1 3.7/4,mb1mx3.2/14, Error ellipse: s-maj=83.2km
s-min=20.6km az=159.0
ISC 01 18:45:43.1±2.7,22.3S±0.2×179.6W±0.3,h613km,42km,
n22.±15/21,mb4.4/9,1C, South of Fiji Islands

Code	Station Name	Δ°	AZ°	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	↑iP	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	Alice Springs	42.74	259	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	Warramunga Arr	42.96	264	S	18 58 33.0	-1.5
KAKA	Kakadu	46.64	273	eP	18 53 18.2	-1.8
FITZ	Fitzroy Crossi	51.39	264	eP	18 53 54.3	-0.7
MBWA	Marble Bar	56.08	259	eP	18 54 27.1	-0.7
CMAR	Chiang Mai Arr	89.35	290	P	18 57 38.1	+1.0
ARCES	ARCESS Array B	130.36	349	PKP	19 03 43.7	-0.5
FINES	FINESS Array B	137.02	342	PKP	19 03 57.3	+0.5
MLR	Muntele Rosu	148.85	324	PKPbc	19 04 22.7	+5.2

Epicentral Estimates

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

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

Error Ellipses - The keywords have been shortened.

Observational Data

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

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

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

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

Station magnitude estimate - computed by the ISC.

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

Addendum II

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

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

ISCJB 01 00:11:08.4+1.1, 11.7N:0.1+41.21E:0.08, h10km, Error ellipse: s-maj=19.6km s-min=4.5km az=146.4

DHMR 01 00:11:15.9+0.6, 12.02N:40.78E, h20km, ML3.6

ISC 01 00:11:10.6+1.1, 11.7N:0.1+41.18E:0.08, h10km, n4, c089/8, 1D, Ethiopia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Dese, Hunish Island, Zugar Island, At Turbah.

IDC 01 00:37:19.9+1.2, 37.85N:102.02E, h0km, mb3.7/6, mb1 3.8/9, mb1mx3.6/26, mbtmpp3.7/9, ML3.5/2, MS2.7/1, Ms1 2.7/1, ms1mx2.0/29, Error ellipse: s-maj=35.4km

ISCJB 01 00:37:20.4+0.4, 37.97N:0.05:102.13E:0.07, h10km, mb3.7/9, Error ellipse: s-maj=10.3km s-min=4.1km az=139.0

BUI 01 00:37:22.8+0.3, 37.99N:101.90E, h13km, ML3.8/9, Ms3.6/2, Ms7.3/2/1

NEIC 01 00:37:22.2+0.6, 37.97N:102.16E, h10km, mb3.7/7, Error ellipse: s-maj=11.6km s-min=9.4km az=91.0

ISC 01 00:37:22.5+0.4, 37.94N:0.05:102.08E:0.07, h10km, n24, c114/29, mb3.7/9, Gansu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Gaotai, Lanzhou, Xi'an, Songrio Array.

ISCJB 01 00:38:06.4+0.8, 12.1N:0.1+40.93E:0.10, h10km, Error ellipse: s-maj=22.5km s-min=4.5km az=143.2

DHMR 01 00:38:12.8+1.1, 12.67N:40.40E, h18km, 15km, ML3.6

ISC 01 00:38:08.5+0.8, 12.1N:0.1+40.9E:0.1, h10km, n4, c19/12/8, Ethiopia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Dese, Hunish Island, Zugar Island, At Turbah.

ISCJB 01 00:41:39.5+0.4, 40.44N:34.43E, h3km, mb4.0/9, ML4.2(ISK), After ISK.

ISC 01 00:41:39.7, 40.41N:34.45E, h6km, ML4.3

DDA 01 00:41:39.4, 40.37N:34.48E, h7km, 4km, Md3.9, MId.2

MOS 01 00:41:39.9, 1.4, 40.47N:34.48E, h10km, mb4.2/15, Error ellipse: s-maj=6.6km s-min=4.5km az=86.7

IDC 01 00:41:40.0+0.7, 40.41N:34.36E, h0km, mb3.8/12, mb1 3.9/17, mb1mx3.8/24, mbtmpp3.8/17, ML3.7/4, MS2.2/16, Ms1 3.2/16, ms1mx3.1/41, Error ellipse: s-maj=15.0km s-min=7.7km az=120.0

ISCJB 01 00:41:40.1+0.4, 40.44N:0.01:34.44E:0.02, h10km, 3km, mb3.9/19, MS3.2/10, Error ellipse: s-maj=2.4km s-min=2.0km az=138.8

CSEM 01 00:41:40.5+0.1, 40.43N:34.43E, h2km, mb4.2/15, Error ellipse: s-maj=2.4km s-min=2.1km az=155.0

ISC 01 00:41:40.9+0.4, 40.44N:0.01:34.43E:0.02, h5km, 3km, n364, c19/03/415, mb3.9/19, MS3.2/10, 17C-15D, Turkey

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include stations like Corum, Cankiri, Tosya, At Turbah, Cicekdag, Cicekdag.

CDAG ILGA ilgaz 0.82 319/1P Sg 00 42 05.4 -1.6

ILGA ilgaz 0.82 319/1P Sg 00 42 05.6 0.0

ILGA ilgaz 0.82 319/1P Sg 00 42 08.2 +1.0

BRTR Keskin Array B 0.93 221/1P Sg 00 41 56.5 -2.2

BRTR Keskin Array B 0.93 221/1P Sg 00 41 56.6 -2.2

YOZ Yozgat 1.05 139/1P Sg 00 41 59.5 -1.6

YOZ Yozgat 1.05 139/1P Sg 00 41 59.6 -1.5

YOZ Yozgat 1.05 139/1P Sg 00 41 59.6 -1.5

BBAL Bala 1.34 229/1P Sg 00 42 04.5 -1.8

BBAL Bala 1.34 229/1P Sg 00 42 04.5 -1.8

BALT Daday 1.35 325/1P Sg 00 42 06.2 -0.3

BALT Daday 1.35 325/1P Sg 00 42 06.2 -0.3

DIKM Dikmen 1.37 27 ePN Sg 00 42 06.1 -0.6

DIKM Dikmen 1.37 27 ePN Sg 00 42 06.1 -0.6

DAD Ankara 1.39 248/1P Sg 00 42 26.4 +1.1

DAD Ankara 1.39 248/1P Sg 00 42 26.4 +1.1

LOD Ludumlu 1.39 247/1P Sg 00 42 25.8 +0.1

LOD Ludumlu 1.39 247/1P Sg 00 42 25.8 +0.1

LOD Ludumlu 1.39 247/1P Sg 00 42 25.8 +0.1

KAVAK Kavak 1.39 62 ePN Sg 00 42 25.1 +0.3

KAVAK Kavak 1.39 62 ePN Sg 00 42 25.1 +0.3

KAVAK Kavak 1.39 62 ePN Sg 00 42 25.1 +0.3

SAFR Sefranbolu 1.54 302 ePN Sg 00 42 08.9 +0.8

SAFR Sefranbolu 1.54 302 ePN Sg 00 42 08.9 +0.8

BZK Bozkurt 1.56 348 ePN Sg 00 42 08.9 -0.4

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TOKA Tokat 1.57 93/1P Sg 00 42 09.9 -1.6

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YAL Yalta 4.05 357 eP Pn 00 42 05.4 -1.6

YAL Yalta 4.05 357 eP Sg 00 43 10.0 -0.4

YAL Yalta 4.05 357 eP Sg 00 42 07.2 -0.9

ULUDUT Uludag 4.06 268/1P Sg 00 43 31.0 -0.4

ULUDUT Uludag 4.06 268/1P Sg 00 42 43.2 -0.4

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1d 1h

2008 APR

Table with columns for station code, name, frequency, and signal strength. Includes stations like MDJ, MYKOM, IPM, FRIM, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like AGRA, MBWA, HYB, etc.

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

Table with columns: DURS, BALLY, BALLY, BALLY, BALLY, RKY, RKY. Rows include station names like Balya, Sarkoy-Tekirda and various numerical data.

IDC 01 09:09:37.3z.2.7, 44.41N:129.07W, h0km, mb3.7/2, mb1 3.6/6, mb1mx3.4/26, mbtmp3.4/6, ML3.5/3, MS3.1/1, Ms1 3.0/1, ms1mx2.2/27, Error ellipse: s-maj=52.3km s-min=20.9km az=47.0

ISCJB 01 09:09:38.6z.2.8, 44.36N:0.07:129.0W:0.1, h20km, 21km, mb3.0/2, Error ellipse: s-maj=17.5km s-min=9.9km az=158.6

NEIC 01 09:09:39.3z.2.0, 44.39N:129.07W, h10km, ML3.2, Error ellipse: s-maj=24.0km s-min=8.1km az=74.0

ISC 01 09:09:39.9z.2.8, 44.35N:0.07:129.1W:0.1, h16km, 20km, n30, c075/32, mb3.6/2, Off coast of Oregon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like Kings Mountain, White Pass, Green Mountain, etc.

DDA 01 09:15:48.5, 39.97N-27.06E, h7km, 3km, Md2.6, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Balya, Ayvalik, Dursunbey.

ISCJB 01 09:33:30.9z.0.8, 36.57N:0.04:21.99E:0.04, h10km, Error ellipse: s-maj=3.3km s-min=3.8km az=41.4

CSEM 01 09:33:30.7z.0.4, 36.51N:21.97E, h2km, ML3.4/2, Error ellipse: s-maj=3.3km s-min=4.8km az=43.0

ATH 01 09:33:30.8, 36.51N:21.97E, h11km, MD3.5/9, NEIC 01 09:33:30.8, 36.51N:21.97E, h11km, MD3.5(ATH), After ATH.

THE 01 09:33:31.7, 36.54N:21.88E, h0km, 2km, ML3.4/2, Error ellipse: s-maj=3.3km s-min=1.4km az=221.0

ISC 01 09:33:31.4z.0.8, 36.55N:0.04:21.96E:0.05, h10km, n45, c098/65, Southern Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists numerous stations in Greece like PYLOS, Ithomi, Velia, etc.

Table with columns: AGG, AGG, AGG, LAST, LAST. Rows include Agios Georgios, Lasithi.

CSEM 01 09:33:56.2z.1.3, 38.16N:26.66W, h1km, 5km, MD3.5, ML3.5, Error ellipse: s-maj=8.1km s-min=1.7km az=33.0, Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Angra Heroismo, Ponta Delgada, Grota Negra.

PSET 01 09:33:56.2z.1.3, 38.16N:26.66W, h1km, 5km, MD3.5, ML3.5, Error ellipse: s-maj=8.1km s-min=1.7km az=33.0, Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Ponta Delgada, Grota Negra, Chada Macela, etc.

SKO 01 09:56:38.9z.9.7, 39.76N:21.94E, h2km, M2.0, THE 01 09:56:39.7, 39.90N:21.91E, h0km, 4km, ML3.2/7, Error ellipse: s-maj=4.1km s-min=0.8km az=259.0

ATH 01 09:56:39.5, 39.90N:21.89E, h5km, MD3.2/7, NEIC 01 09:56:39.5, 39.90N:21.89E, h5km, MD3.2(ATH), After ATH.

ISCJB 01 09:56:39.9z.0.4, 39.88N:0.02:21.89E:0.03, h10km, Error ellipse: s-maj=3.7km s-min=2.3km az=162.3

CSEM 01 09:56:40.0z.0.2, 39.87N:21.89E, h14km, MD3.2, Error ellipse: s-maj=6.2km s-min=4.3km az=72.0

ISC 01 09:56:40.3z.0.4, 39.87N:0.02:21.92E:0.03, h4km, 5km, n53, c104/87, Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists numerous stations in Greece like Klokotos Trika, Kozani, Litokhoron, etc.

Table with columns: VAY, VAY, VAY, VAY, VAY. Rows include Valandovo, Krusevo, etc.

comp=E, 47nm, 0.7s, Pn, 09 34 15.7 +3.7, 09 34 15.6 +3.6, 09 34 21.4 0.0, 09 34 21.4 0.0

comp=N, 80nm, 1.3s, Pn, 09 57 09.1 +0.7, 09 57 30.0 +0.5, 09 57 30.1

comp=N, 47nm, 0.7s, Pn, 09 57 09.0 0.0, 09 57 32.3 +1.2, 09 57 32.2 +1.1, 09 57 32.2 +1.1, 09 57 10.2 -0.2, 09 57 10.2 -0.2, 09 57 10.8 -1.1, 09 57 10.8 -1.1, 09 57 15.4 +2.7, 09 57 15.4 +2.7

SKHL 01 10:09:52.7z.0.2, 52.59N:142.37E, h9km, 2km, mb4.0/4, 1D, Sakhalin Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Okha, Nikolayevsk, Gornyy, etc.

NEIC 01 10:12:52.8, 16.98N:100.13W, h10km, MD3.5(MEX), After MEX.

MEX 01 10:12:52.8z.0.7, 16.98N:100.13W, h10km, 4km, MD3.5, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like El Cayaco, Acapulco, Mezcala, etc.

IDC 01 10:16:59.5z.0.6, 28.35N:86.94E, h0km, mb4.1/17, mb1 4.3/18, mb1mx4.2/25, mbtmp4.1/18, ML4.2/1, MS2.9/2, Ms1 2.9/2, ms1mx2.6/41, Error ellipse: s-maj=25.2km s-min=13.8km az=53.0

MOS 01 10:17:03.9z.1.5, 28.46N:86.77E, h33km, mb4.4/17, Error ellipse: s-maj=14.7km s-min=9.5km az=96.4

ISCJB 01 10:17:07.1z.0.0, 28.50N:0.05:86.97E:0.03, h75km, 5km, mb4.1/24, Error ellipse: s-maj=7.6km s-min=5.0km az=9.3

DMN 01 10:17:07.1z.0.0, 28.61N:87.13E, h60km, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

NDI 01 10:17:08.0z.0.6, 28.56N:86.99E, h70km, ML4.0, mb3.9(NEIC)

NEIC 01 10:17:08.9z.0.5, 28.52N:87.01E, h70km, 6km, mb3.9/8, Error ellipse: s-maj=7.1km s-min=6.3km az=212.0

BUI 01 10:17:08.3z.28.63N:87.22E, h59km, mb4.7/11, mb4.4/11, ML3.5/7

ISC 01 10:17:08.8z.0.4, 28.54N:0.04:86.99E:0.03, h64km, 5km, n98, c1334/114, mb4.2/24, 5C-3D, Xizang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists numerous stations in Xizang like Jiri, Gumba, Tappejung, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

GAMB				ePKPbc	PKPbc	11 25 04.5	0.0
GAMB				ePKPab	PKPab	11 25 06.2	+0.8
TNA	Tin City	146.85	25	ePKPdf	PKPdf	11 25 02.6	-1.1
TNA				ePKPbc	PKPbc	11 25 05.9	+0.0
TNA				ePKPab	PKPab	11 25 07.0	+0.1
ULRL	University of	146.86	276	ePKPdf	PKPdf	11 25 05.1	+0.4
UALR				ePKPbc	PKPbc	11 25 06.0	-0.6
CCM	Cathedral Cave	146.98	282	ePKPdf	PKPdf	11 25 03.9	-0.9
CCM				ePKPbc	PKPbc	11 25 06.7	-0.1
JFWS	Jewell Farm	147.20	291	ePKIKP	PKPdf	11 25 04.4	-0.6
JFWS				e		11 25 06.9	
NATX	Nacogdoches	147.56	269	ePKPbc	PKPbc	11 25 09.8	-1.0
NATX				ePKPab	PKPab	11 25 06.1	-0.2
HKT	Hockley	147.71	266	ePKIKP	PKPdf	11 25 10.9	
HKT				e		11 25 06.1	-0.1
MIAR	Mount Ida	147.74	275	ePKIKP	PKPdf	11 25 10.3	
MIAR				e		11 25 03.6	-2.0
FCC	Fort Churchill	147.91	321	ePKPdf	PKPdf	11 25 07.7	-1.0
FCC				ePKPbc	PKPbc	11 25 10.8	-0.4
FCC				ePKPab	PKPab	11 25 09.3	-1.0
EYMN	Ely	148.40	300	ePKPbc	PKPbc	11 25 13.4	-0.2
EYMN				ePKPab	PKPab	11 25 12.9	+0.3
SCIA	State Center	149.24	289	ePKPbc	PKPbc	11 25 14.4	+0.3
COLD	Coldfoot	150.17	13	ePKPbc	PKPbc	11 25 07.7	-1.9
INK	Inuvik	150.56	360	ePKPbc	PKPbc	11 25 14.4	-0.6
INK				ePKPdf	PKPdf	11 25 08.7	-0.9
INK				ePKPbc	PKPbc	11 25 14.5	-0.5
JCT	Junction City	151.03	264	ePKPdf	PKPdf	11 25 17.0	+0.2
JCT				ePKPbc	PKPbc	11 25 17.5	+0.2
JCT				ePKPab	PKPab	11 25 24.9	0.0
ULM	Lac du Bonnet	151.09	305	ePKPbc	PKPbc	11 25 09.0	-2.0
ULM				e		11 25 09.0	-2.0
ULM				e		11 25 10.3	
ULM				e		11 25 03.6	-2.0
AGMN	Agassiz Refuge	151.31	301	ePKPbc	PKPbc	11 25 16.6	-0.8
KSUI	Kansas State U	151.31	282	ePKPbc	PKPbc	11 25 17.9	+0.2
KSUI				ePKPab	PKPab	11 25 25.3	-0.5
ECSD	EROS Data Cent	151.91	292	ePKPbc	PKPbc	11 25 18.3	-0.6
ECSD				ePKPbc	PKPbc	11 25 20.2	+0.3
CHUM	Lake Minchuminn	152.66	18	ePKPbc	PKPbc	11 25 11.1	+0.5
COLA	College	152.72	13	ePKIKP	PKPbc	11 25 18.8	-1.3
COLA	College	152.72	13	ePKPbc	PKPbc	11 25 19.0	-1.0
BPWA	Bear Paw Mtn.	152.78	17	ePKPbc	PKPbc	11 25 19.0	-0.5
528A	Cox Ranch, San	153.19	260	ePKPbc	PKPbc	11 25 13.9	-0.9
627A	Terlingua Ranch	153.32	258	ePKPbc	PKPbc	11 25 14.1	-0.9
428A	Kincaid Ranch,	153.36	262	ePKPbc	PKPbc	11 25 15.0	0.0
FFC	Flin Flon	153.46	317	ePKPdf	PKPdf	11 25 12.7	-1.6
FFC				ePKPbc	PKPbc	11 25 21.2	-0.8
FFC				ePKPab	PKPab	11 25 35.0	+0.7
TXAR	Lajitas Array	153.47	258	ePKPbc	PKPbc	11 25 15.6	+0.4
TXAR				e		11 25 23.2	+0.3
TXAR				e		11 25 35.5	+0.3
TRF	Thorofare Moun	153.50	17	ePKPbc	PKPbc	11 25 21.4	-0.4
MCK	Purkeypile	153.51	19	ePKPbc	PKPbc	11 25 21.8	-0.1
MCK	McKinley	153.54	15	ePKIKP	PKPdf	11 25 12.9	-1.3
MCK				e		11 25 12.9	-1.3
MCK				ePKPbc	PKPbc	11 25 21.2	-0.7
MCK				ePKPab	PKPab	11 25 34.3	0.0
YKA	Yellowknife Ar	153.70	340	ePKPbc	PKPbc	11 25 12.5	-2.0
YKA				e		11 25 21.3	-1.0
YKA				e		11 25 12.5	-2.0
YKA				e		11 25 21.3	-1.0
EGAK	Eagle	153.74	7	ePKPbc	PKPbc	11 25 21.8	-0.5
527A	Woodward Ranch	153.81	260	ePKPbc	PKPbc	11 25 14.8	-0.9
626A	Big Bend Ranch	153.93	258	ePKPbc	PKPbc	11 25 15.3	-0.6
427A	Hayter Ranch,	153.97	261	ePKPbc	PKPbc	11 25 15.8	0.0
527A	Mary Lane Ranch	154.14	259	ePKPbc	PKPbc	11 25 16.4	+0.3
326A	Balmorhea Ranch	154.27	262	ePKPbc	PKPbc	11 25 16.3	0.0
426A	McDonald Obser	154.37	260	ePKPbc	PKPbc	11 25 16.6	+0.1
DAWY	Dawson	154.59	6	ePKPbc	PKPbc	11 25 15.0	-0.7
DAWY				ePKPbc	PKPbc	11 25 24.1	-0.1
326A	Caldwell Ranch	154.62	262	ePKPbc	PKPbc	11 25 16.3	-0.5
127A	Arkansas Junct	154.69	263	ePKPbc	PKPbc	11 25 15.5	-1.3
226A	Malaga, Loving	154.95	265	ePKPbc	PKPbc	11 25 16.7	-0.7
MENT	Menstata	155.20	11	ePKPbc	PKPbc	11 25 25.6	+0.0
MENT				ePKPab	PKPab	11 25 11.2	+0.1
325A	Bean Ranch, Si	155.41	261	ePKPbc	PKPbc	11 25 16.7	-1.1
225A	Deer Hill, Car	155.60	263	ePKPbc	PKPbc	11 25 15.8	-2.3
125A	Gardner Draw,	155.70	264	ePKPbc	PKPbc	11 25 17.1	-1.1
324A	Moseley Ranch,	155.83	261	ePKPbc	PKPbc	11 25 18.1	-0.4
MNTX	Cornus Mount	155.87	261	ePKPbc	PKPbc	11 25 18.3	-0.2
224A	Cornudas Mount	155.83	262	ePKPbc	PKPbc	11 25 18.0	-0.8
DGMT	Dagmar	156.76	304	ePKPbc	PKPbc	11 25 19.2	+0.1
122A	Connell Cattle	157.53	262	ePKPbc	PKPbc	11 25 21.4	+0.8
BNN	Barren Site	157.78	266	ePKPdf	PKPdf	11 25 21.5	+0.4
LPM	Los Pinos Moun	157.84	266	ePKPab	PKPab	11 25 54.8	+1.1
SDCO	Great Sand Dun	157.89	276	ePKPbc	PKPbc	11 25 21.8	+1.0
SDCO				ePKPab	PKPab	11 25 04.0	+0.9
ANMO	Albuquerque	157.91	268	ePKIKP	PKPdf	11 25 21.1	+0.1
121A	Haines Junctio	157.94	5	ePKPab	PKPab	11 25 53.7	+0.4
HYT	Cookes Peak, D	158.06	261	ePKPbc	PKPbc	11 25 20.5	-0.8
320A	Kipp Ranch, An	158.12	257	ePKPbc	PKPbc	11 25 21.5	+0.1
X22A	Bernardo	158.20	267	ePKPbc	PKPbc	11 25 20.6	-0.7
LAZ	Ladron	158.26	266	ePKPdf	PKPdf	11 25 22.2	+0.8
Z21A	St. Cloud Mine	158.28	263	ePKPbc	PKPbc	11 25 21.2	-0.3
ISCO	Idaho Springs	158.31	281	ePKIKP	PKPdf	11 25 21.2	-0.1
220A	Playas Peak, P	158.37	259	ePKPbc	PKPbc	11 25 22.0	+0.3
Y21A	Point of Rocks	158.54	265	ePKPbc	PKPbc	11 25 22.4	+0.6
319A	Douglas	158.71	257	ePKPbc	PKPbc	11 25 22.4	+0.3
120A	U Bar Ranch, L	158.72	260	ePKPbc	PKPbc	11 25 22.6	+0.5
X21A	Alamocita Cree	158.78	266	ePKPbc	PKPbc	11 25 22.5	+0.4
T22A	Edith	158.82	273	ePKPbc	PKPbc	11 25 22.2	+0.2
Z20A	Nine Sixteen R	158.92	262	ePKPbc	PKPbc	11 25 22.1	-0.1
Y20A	Horse Springs,	159.05	264	ePKPbc	PKPbc	11 25 22.3	-0.1
318A	Snowmass	159.27	279	ePKPdf	PKPdf	11 25 23.3	+0.9
119A	Bisbee	159.28	256	ePKPbc	PKPbc	11 25 22.4	-0.3
X20A	Ashpeak Ranch,	159.33	260	ePKPbc	PKPbc	11 25 22.6	-0.1
120A	Queamado	159.37	266	ePKPbc	PKPbc	11 25 22.8	+0.1
W20A	Ramah	159.56	267	ePKPbc	PKPbc	11 25 23.2	+0.3
218A	Dragon	159.56	257	ePKPbc	PKPbc	11 25 23.1	0.0
R21A	Cimarron	159.59	277	ePKPbc	PKPbc	11 25 23.1	+0.2
S21A	Coal Bank Pass	159.65	275	ePKPbc	PKPbc	11 25 23.2	+0.2

Y19A	Nutrisio	159.75	263	ePKPbc	PKPbc	11 25 23.1	-0.1
M31A	Separation Pea	159.76	286	ePKPbc	PKPbc	11 25 22.2	-0.8
L21A	Rawlins	159.77	287	ePKPbc	PKPbc	11 25 22.0	-0.9
N21A	Black Mountain	159.84	284	ePKPbc	PKPbc	11 25 23.1	0.0
X19A	St. Johns	159.94	265	ePKPbc	PKPbc	11 25 22.8	-0.6
EDM	Edmonton	160.01	322	ePKIKP	PKPdf	11 25 21.8	-1.0
Z18A	Geronomo	160.02	260	ePKPbc	PKPbc	11 25 22.7	-0.8
217A	Green Valley	160.06	256	ePKPbc	PKPbc	11 25 23.1	-0.5
MVCO	Mesa Verde	160.11	273	ePKPbc	PKPbc	11 25 23.2	-0.3
MVCO	Mesa Verde	160.11	273	ePKPbc	PKPbc	11 25 23.5	0.0
MVCO	Mesa Verde	160.11	273	ePKPbc	PKPbc	11 26 04.4	+0.9
R20A	Redvale	160.21	276	ePKPbc	PKPbc	11 25 23.5	-0.1
W19A	Sanders	160.24	266	ePKPbc	PKPbc	11 25 23.1	-0.6
Q20A	Ridgley Place,	160.26	278	ePKPbc	PKPbc	11 25 23.5	-0.1
TUC	Tucson	160.27	257	ePKIKP	PKPdf	11 25 25.0	+1.2
B18A	Geardley Farm	160.35	307	ePKPbc	PKPbc	11 25 23.1	-0.2
117A	Oracle	160.35	258	ePKPbc	PKPbc	11 25 23.1	-0.8
O20A	White River Ci	160.35	282	ePKPbc	PKPbc	11 25 23.5	-0.2
P20A	De Beque	160.40	280	ePKPbc	PKPbc	11 25 23.4	-0.3
N20A	Spence Gulch,	160.41	284	ePKPbc	PKPbc	11 25 23.7	0.0
T19A	Beclabito	160.43	272	ePKPbc	PKPbc	11 25 23.4	-0.5
EG1A	Dine' College,	160.44	270	ePKPbc	PKPbc	11 25 23.2	-0.7
UMT	Eggleton	160.46	305	ePKPbc	PKPbc	11 25 22.8	-0.7
EGMT	Eggleton	160.46	305	ePKPbc	PKPbc	11 25 20.5	-3.0
K20A	Yellowstone Ra	160.47	289	ePKPbc	PKPbc	11 25 22.5	-1.2
L20A	Wamsutter	160.49	287	ePKPbc	PKPbc	11 25 23.3	-0.4
X18A	Snowflake	160.49	264	ePKPbc	PKPbc	11 25 24.1	+0.1
S19A	Harvey Farm, M	160.71	274	ePKPbc	PKPbc	11 25 23.7	-0.4
A17A	Triple J Farms	160.72	309	ePKPbc	PKPbc	11 25 23.9	+0.1
K19A	Absolut Red Bu	160.84	290	ePKPbc	PKPbc	11 25 22.7	-1.4
RLMT	Red Lodge	160.87	297	ePKPbc	PKPbc	11 25 23.6	-0.5
RLMT	Red Lodge	160.87	297	ePKPbc	PKPbc	11 25 24.0	-0.1
P19A	Griple Cowboy	160.87	280	ePKPbc	PKPbc	11 25 23.6	-0.7
Y17A	Roosevelt	160.88	261	ePKPbc	PKPbc	11 25 23.4	-1.1
R19A	Curley Farm, L	160.91	276	ePKPbc	PKPbc	11 25 24.6	+0.3
E18A	Harlowton	160.99	301	ePKPbc	PKPbc	11 25 23.9	-0.3
U18A	Rough Rock, Ch	160.99	270	ePKPbc	PKPbc	11 25 24.8	+0.4
B17A	L&G Farms, Che	161.02	307	ePKPbc	PKPbc	11 25 23.9	-0.2
O19A	Miners Draw (B	161.03	281	ePKPbc	PKPbc	11 25 24.3	-0.1
X17A	Forest Lakes	161.09	263	ePKPbc	PKPbc	11 25 24.8	+0.1
M19A	Rock Springs	161.10	286	ePKPbc	PKPbc	11 25 24.1	-0.3
T18A	Mexican Hat	161.16	272	ePKPbc	PKPbc	11 25 24.4	-0.3
C17A	Wharram Farm,	161.23	305	ePKPbc	PKPbc	11 25 22.8	-1.6
L19A	Fanslow	161.25	288	ePKPbc	PKPbc	11 25 23.5	-1.1
A16A	West Butte Ran	161.26	309	ePKPbc	PKPbc	11 25 23.2	-1.2
D17A	Six Diamond Ra	161.33	304	ePKPbc	PKPbc	11 25 23.7	-0.7
BW06	Boulder Array	161.36	290	ePKPbc	PKPbc	11 25 23.6	-1.0
BW06	Boulder Array	161.36	290	ePKPbc	PKPbc	11 25 23.2	-1.4
PDAR	Pinedale Array	161.36	290	ePKPbc	PKPbc	11 25 23.1	-1.5
S18A	Hurst Farm, Bi	161.37	274	ePKPbc	PKPbc	11 25 24.9	+0.1
R18A	Canyonlands Na	161.41	276	ePKPbc	PKPbc	11 25 24.1	-0.7
I18A	Diamond G Ranc	161.47	293	ePKPbc	PKPbc	11 25	

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Walters Elk Ra, Turner Farm, Donny, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DDA 01, CSEM 01, ISCJB 01, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ellipse: s-maj=21.8km, JMA 01, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CSEM 01, DDA 01, ISC 01, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KARP Karpathos, HRT Hereke, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DDI Dehra Dun, KSH Kashi, etc.

NEIC 01 11:14:35.0, 37.96N, 28.94E, h5km, MD3.7(ATH), ML3.4(IK), After ISK.

ISCJB 01 11:15:04.8, 0.45, 35N, 0.07, 144.6E, 0.1, h36km, 6km, mb3.2/10, Error ellipse: s-maj=14.6km s-min=11.2km az=10.0

IDC 01 12:22:20.8, 1.0, 20.00N, 122.13E, h0km, mb4.2/8, mb1.4/3/9, mb1mx4.1/19, mbtmp4.2/9, ML3.8/1, M53.2/5, Ms1.3/2.5, ms1mx3.1/32, Error ellipse: s-maj=40.8km s-min=22.5km az=66.0

2008 APR

21

Table with columns for station name, frequency, power, and other technical details. Includes stations like Iheya, Guangzhou, Kunigami, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Nakhon Sawan, Matsushiro, Chiang Mai, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Yuzh-Sakhalin, Kakadu, Pulchoki, etc.

1d 12h

Table with columns for date, time, and numerical values. Includes dates like 13 00 23.0, 13 00 28.2, etc.

BUJ 01 13:16:14.2, 41°20'N, 114°80'W, h11km, mb4.9/2, mb4.6/5, Ms5.2/4, Ms7.4/7.4
IDC 01 13:16:15.8, 0.6, 41°26'N, 114°88'W, h0km, mb3.8/6, mb1.4/0.2, mb1mx3.9/27, mbmp3.8/12, ML3.7/4, MS3.1/6, Ms1.3/1.6, ms1mx2.9/43, Error ellipse: s-maj=13.5km s-min=7.2km az=152.0
ISCJB 01 13:16:17.0, 0.1, 41°18'N, 114°83'W, h10km, mb4.3/12, MS4.2/3, Error ellipse: s-maj=1.2km s-min=1.1km az=158.7
NEIC 01 13:16:17.2, 41°23'N, 114°84'W, h11km, mb4.3/7, MW4.1(SUM), After REN
NEIC Felt [V] at Wells and [III] at Elko and Spring Creek. Felt at Jackpot. Also felt at Jerome, Idaho and at Lehi and Wendover, Utah.
ISC 01 13:16:18.2, 0.1, 41°18'N, 114°84'W, h10km, n331, 0.1520/411, mb4.3/12, MS4.2/3, 145C-115D, Nevada

Code	Station Name	Δ°	AZ°	Phase ID	ISC Pg	Time h:m:s	Res h:m:s	ISC Pg
M12A	Wells	0.24	345	Op		13 16 21.6	-1.5	
M12A	Wells			U	Sg	13 16 24.7	-1.7	
N12A	Clover Valley	0.37	205	U	Pg	13 16 25.1	-0.3	
N12A	Clover Valley			U	Sg	13 16 30.8	+0.5	
N12A	Clover Valley	0.37	205	ePg	Pg	13 16 25.4	-0.1	
N12A	Elko	0.54	215	eSg	Sg	13 16 30.0	-0.4	
N12A	Elko			eSg	Sg	13 16 28.1	-0.5	
N13A	Wendover, West	0.58	124	U	Pg	13 16 28.7	-0.8	
N13A	Wendover, West			U	Sg	13 16 36.9	-0.1	
N13A	Wendover, West	0.58	124	ePg	Pg	13 16 28.8	-0.7	
N13A	Holland Ranch	0.76	289	U	Pg	13 16 35.8	-1.3	
M11A	Holland Ranch			U	Sg	13 16 31.4	-1.5	
M11A	Elko Archery C	0.78	242	U	Pg	13 16 41.8	-1.0	
N11A	Elko Archery C			U	Sg	13 16 32.3	-0.9	
N11A	Currie	0.92	176	U	Pg	13 16 42.9	-0.3	
O12A	Currie			U	Sg	13 16 35.2	-0.7	
O12A	House Creek Ra	0.97	352	U	Pg	13 16 47.8	-0.1	
L12A	House Creek Ra			U	Sg	13 16 34.9	-1.9	
L12A	Double Diamond	1.12	36	U	Pb	13 16 47.2	-2.3	
L13A	Double Diamond			U	Sb	13 16 37.3	-2.4	
L13A	Sheep Mountain	1.16	74	U	Pb	13 16 51.9	-2.4	
M14A	Sheep Mountain			U	Sb	13 16 38.3	-2.1	
M14A	Cat Creek Ranc	1.20	325	U	Pb	13 16 53.4	-2.1	
L11A	Cat Creek Ranc			U	Sb	13 16 38.6	-2.4	
L11A	Cowboy Ranch	1.23	211	U	Pn	13 16 54.4	-2.1	
O11A	Cowboy Ranch			U	Sb	13 16 40.6	-0.8	
O11A	Hicks Ranch, I	1.24	148	U	Pn	13 16 57.1	-0.2	
O13A	Hicks Ranch, I			U	Sb	13 16 40.5	-1.1	
O13A	Grayback Hills	1.29	104	U	Pn	13 16 57.5	-0.2	
N14A	Grayback Hills			U	Sb	13 16 40.5	-1.7	
N14A	Grayback Hills			U	Sb	13 16 58.0	-1.2	
M10A	L.L. Ranch, Tu	1.33	285	U	Pn	13 16 40.5	-1.7	
M10A	L.L. Ranch, Tu			U	Sb	13 16 59.5	-0.7	
N10A	Dunphy	1.35	250	U	Pn	13 16 41.4	-1.3	
N10A	Dunphy			U	Sb	13 16 41.6	-1.5	
N10A	Big Grassy Mou	1.39	100	eS	Pn	13 17 00.4	-0.5	
BGU	Big Grassy Mou			eS	Pb	13 16 42.0	-1.7	
BGU	Draper Farm, C	1.45	358	U	Pn	13 16 40.1	-1.9	
K12A	Draper Farm, C			U	Sb	13 16 42.1	-2.3	
K12A	Malta	1.47	54	U	Pn	13 17 00.7	-2.9	
L14A	Malta			U	Sb	13 16 43.0	-1.7	
L14A	Juniper Basin	1.52	307	U	Pn	13 17 02.3	-1.9	
L10A	Juniper Basin			U	Sb	13 16 44.0	-1.4	
O10A	Cortez Mining	1.55	235	U	Pn	13 17 04.3	-1.4	
O10A	Cortez Mining			U	Sb	13 16 44.9	-0.9	
O10A	Stover Farm, H	1.57	21	U	Pn	13 16 44.3	-2.2	
K13A	Stover Farm, H			U	Sb	13 17 06.8	+0.2	
K13A	Hansel Valley	1.66	68	ePn	Pn	13 17 05.3	-1.8	
HVU	Hansel Valley			eS	Pn	13 16 45.8	-1.5	
HVU	McGill	1.71	182	P	Sn	13 16 07.8	-0.8	
P12A	McGill			U	Sb	13 16 47.3	-0.7	
P12A	Stansbury Isla	1.78	99	U	Pn	13 17 09.0	-0.9	
N15A	Stansbury Isla			U	Sb	13 16 47.5	-1.4	
N15A	Circle Ranch	1.78	204	U	Pn	13 17 12.5	-0.6	
P11A	Circle Ranch			U	Sb	13 16 48.3	-0.6	
SPUT	South Promonto	1.80	85	ePn	Pn	13 16 44.3	-1.4	
SPUT	South Promonto			eSg	Pn	13 17 13.5	-2.7	
K11A	Parker Ranch	1.82	331	U	Pn	13 16 48.7	-0.8	
K11A	Parker Ranch			U	Sb	13 17 02.3	-1.4	
M15A	Larsen Ranch	1.82	80	U	Pn	13 17 12.8	-1.6	
M15A	Larsen Ranch			U	Sb	13 16 48.0	-1.6	
M15A	Dugway	1.83	122	U	Pn	13 17 10.4	-2.2	
DUG	Dugway			U	Sb	13 16 47.8	-1.9	
DUG	Dugway	1.83	122	U	Pn	13 17 14.8	+0.2	
DUG	Dugway			ePn	Pn	13 16 47.7	-2.0	
DUG	Dugway			ePn	Pg	13 16 51.8	-1.5	
DUG	Dugway			eSg	Pn	13 16 47.4	-1.5	
K14A	Jones Ranch, D	1.84	42	U	Pn	13 16 48.6	-1.2	
K14A	Jones Ranch, D			U	Sb	13 16 48.6	-1.2	
K14A	Bates Ranch, G	1.84	160	U	Pn	13 17 13.5	-1.5	
P13A	Bates Ranch, G			U	Sb	13 17 13.5	-1.5	
P13A	Battle Mountai	1.96	248	ePn	Pn	13 16 48.5	-1.3	
BMN	Battle Mountai			ePg	Pn	13 17 15.6	+0.7	
BMN	Marrel Ranch	1.98	278	ePg	Pn	13 16 50.0	-1.5	
BMN	Marrel Ranch			eSg	Pn	13 16 53.3	-2.5	
M09A	Marrel Ranch			ePg	Pn	13 17 20.1	-1.1	
M09A	Marrel Ranch			ePg	Pn	13 16 50.7	-1.1	
M09A	Eureka	2.00	219	U	Pn	13 17 18.7	-0.5	
P10A	Eureka			U	Sb	13 16 51.9	-0.1	
L15A	Malad City	2.01	65	U	Pn	13 16 50.0	-1.5	
L15A	Malad City			U	Sb	13 16 51.0	-1.1	
O15A	The Old Anders	2.01	116	U	Pn	13 16 48.3	-0.6	
O15A	The Old Anders			U	Sb	13 16 48.3	-0.6	
P14A	Drum Mountains	2.09	139	U	Pn	13 16 47.9	-1.4	
P14A	Drum Mountains			U	Sb	13 16 50.7	-1.4	
P14A	North Oquirrh	2.12	104	ePn	Pn	13 16 52.0	-1.2	
NOQ	North Oquirrh			U	Sb	13 17 18.1	-1.1	
NOQ	North Oquirrh			U	Sb	13 16 52.1	-1.2	

Q12A	Willow Creek R	2.14	180	P	Pn	13 16 53.2	-0.7	
Q12A	Willow Creek R			U	Sb	13 17 25.3	+1.5	
K10A	MacKenzie Ranc	2.20	317	U	Pn	13 16 54.2	-0.5	
K15A	Arbon	2.28	48	U	Pn	13 16 55.4	-0.5	
L09A	Wilkinson Ranc	2.28	242	U	Pn	13 16 55.4	-0.5	
L09A	Wilkinson Ranc			U	Sb	13 16 54.8	-1.1	
L09A	Wilkinson Ranc	2.29	292	U	Pn	13 17 27.0	-0.7	
Q13A	Wheeler Ranch	2.31	164	U	Pn	13 16 55.3	-1.0	
Q13A	Wheeler Ranch			U	Sb	13 16 55.3	-1.0	
Q13A	Wheeler Ranch	2.31	164	U	Pn	13 17 30.0	+1.4	
MFID	Camas Ranch	2.35	342	U	Pn	13 16 56.3	-0.5	
MFID	Camas Ranch			U	Sb	13 16 58.1	-1.4	
J14A	Carey	2.35	24	U	Pn	13 17 28.1	-1.5	
J14A	Carey			U	Sb	13 16 56.7	-0.1	
J14A	Carey	2.35	24	U	Pn	13 17 28.1	-1.5	
J14A	Camp Tracy	2.39	101	ePn	Pn	13 17 28.1	-1.5	
CTU	Camp Tracy			ePn	Pn	13 16 56.4	-1.0	
HLID	Hailey	2.40	7	U	Pn	13 16 57.3	-0.2	
HLID	Hailey			U	Sb	13 17 29.3	-1.6	
HLID	Hailey	2.40	7	ePn	Pn	13 16 57.4	-0.1	
HLID	Hailey			eSg	Pn	13 17 29.2	-6.0	
Q11A	Duckwater	2.42	195	U	Pn	13 16 57.3	-0.5	
HWUT	Hardware Ranch	2.50	79	ePn	Pn	13 16 57.8	-1.1	
Q14A	Sevier Lake (B	2.50	151	U	Pn	13 16 57.5	-1.4	
Q14A	Sevier Lake (B			U	Sb	13 17 35.5	+1.5	
P15A	Leamington	2.53	129	U	Pn	13 16 57.9	-1.5	
N16A	Rees Ranch, Co	2.59	96	U	Pn	13 16 59.5	-0.6	
N16A	Rees Ranch, Co			U	Sb	13 16 59.5	-0.6	
JLU	Jordanelle	2.63	102	ePn	Pn	13 16 59.4	-1.3	
K09A	Rome	2.63	306	U	Pn	13 16 59.9	-0.8	
K09A	Rome			U	Sb	13 17 37.3	-0.5	
Q10A	Clear Creek Ra	2.65	208	U	Pn	13 17 00.5	-0.4	
J10A	Berg Farm, Mel	2.66	328	U	Pn	13 17 00.7	-0.3	
J10A	Berg Farm, Mel			U	Sb	13 17 37.6	-1.0	
M08A	Happy Creek Ra	2.68	277	U	Pn	13 17 00.2	-1.2	
M08A	Happy Creek Ra			U	Sb	13 17 00.2	-1.2	
L16A	Fish Haven	2.68	71	U	Pn	13 17 39.5	+0.3	
L16A	Fish Haven			U	Sb	13 17 00.7	-0.7	
L16A	Fish Haven	2.68	71	U	Pn	13 17 00.7	-0.7	
L16A	Fish Haven			U	Sb	13 17 39.3	+0.1	
MPU	Maple Canyon	2.70	115	ePn	Pn	13 17 00.2	-1.5	
O16A	Springville	2.72	110	U	Pn	13 17 00.9	-1.0	
I13A	Whitmore Cree	2.78	11	U	Pn	13 17 00.9	-1.0	
I13A	Whitmore Cree			U	Sb	13 17 03.0	+0.3	
I13A	Whitmore Cree	2.78	11	U	Pn	13 17 40.2	-1.8	
L08A	Field	2.81	292	U	Pn	13 17 02.3	-1.0	
L08A	Field			U	Sb	13 17 02.3	-0.9	
L08A	Field	2.81	292	U	Pn	13 17 42.6	-0.4	
L08A	Field			U	Sb	13 17 42.6	-0.4	
DAU	Daniels Canyon	2.83	105	ePn	Pn	13 17 02.3	-1.0	
DAU	Daniels Canyon			ePn	Pg	13 17 11.3	-1.0	
J15A	Blackfoot	2.84	38	U	Pn	13 17 03.1	-0.4	
J15A	Blackfoot			U	Sb	13 17 42.8	-0.9	
I11A	Placerville	2.85	343	U	Pn	13 17 42.8	-0.9	
I11A	Placerville			U	Sb	13 17 03.3	-0.4	
R12A	Pony Springs	2.86	176	U	Pn	13 17 42.9	-1.0	
R12A	Pony Springs			U	Sb	13 17 03.5	-0.4	
P16A	Fountain Green	2.89	122	U	Pn	13 17 39.0	+0.7	
P16A	Fountain Green			U	Sb	13 17 03.2	-1.0	
R11A	Troy Canyon, C	2.89	192	U	Pn	13 17 03.2	-1.0	
R11A	Troy Canyon, C			U	Sb	13 17 03.6	-0.6	
I14A	Mackay	2.92	20	U	Pn	13 17 04.9	+0.2	
I14A	Mackay			U	Sb	13 17 04.9	+0.2	
K16A	Soda Springs	2.92	55	U	Pn	13 17 05.2	-1.0	
K16A	Soda Springs			U	Sb	13 17 04.7	0.0	
N17A	Moffit Pass	3.04	93	U	Pn	13 17 06.5	+0.2	
J09A	Fry Pan Ranch	3.06	316	U	Pn	13 17 06.5	+0.2	
J09A	Fry Pan Ranch			U	Sb	13 17 06.5	-0.1	
R13A	O'Grain Ranch	3.08	167	U	Pn	13 17 06.7	-0.1	
WVOR	Wild Horse Val	3.10	295	ePn	Pn	13 17 06.7	-0.5	
L17A	Cokeville	3.11	72	U	Pn	13 17 06.9	-0.3	

M20A	Sweetwater, Wa	5.01 84	↑P	Pn	13 17 36.2 +2.7
BOZ	Bozeman (W)	5.03 27	ePn	Pn	13 17 33.9 +0.2
F09A	52 Ramth, Elgi	5.04 27	ePn	Pn	13 17 35.2 +1.3
K20A	Yellowstone Ra	5.06 71	↑P	Pn	13 17 35.0 +0.9
G08A	Pilot Rock	5.09 325	↑P	Pn	13 17 35.3 +0.8
F10A	Beach Ranch, E	5.09 346	+1	Pn	13 17 36.6 +2.1
O20A	White River Ci	5.12 100	↓P	Pn	13 17 37.2 +2.2
U15A	North Rim	5.15 156	↓P	Pn	13 17 36.0 +0.7
P20A	De Beque	5.20 107	↑P	Pn	13 17 38.1 +2.0
T17A	Navajo Res., N	5.23 142	↑P	Pn	13 17 38.1 +1.7
E11A	Bogner Ranch,	5.26 530	↑P	Pn	13 17 38.3 +1.4
E13A	Victor	5.28 5	↑P	Pn	13 17 37.7 +0.7
LNOR	Linton Mounta	5.31 333	ePn	Pn	13 17 39.7 +2.2
CMB	Columbia Colle	5.32 236	ePn	Pn	13 17 37.4 -0.2
CMB	Clinton	5.32 10	↑P	Pn	13 17 55.7 -4.3
V11A	Goodsprings	5.36 185	↑P	Pn	13 17 38.3 +1.4
H06A	Lindquist Farm	5.37 313	↓P	Pn	13 17 39.3 +1.0
V12A	Nelson	5.45 180	↓P	Pn	13 17 39.6 +0.1
E15A	Deer Lodge	5.47 16	↓P	Pn	13 17 40.4 +0.7
MPMC	Manual Propsec	5.52 203	↑P	Pn	13 17 42.0 +1.5
N21A	Black Mountain	5.55 92	↑P	Pn	13 17 43.1 +2.3
T18A	Mexican Hat	5.59 135	↓P	Pn	13 17 43.6 +2.3
M21A	Separation Pea	5.63 83	↓P	Pn	13 17 43.3 +1.3
G18A	Lazy EL Ranch,	5.64 41	↓P	Pn	13 17 44.1 +2.0
L21A	Rawlins	5.65 80	↓P	Pn	13 17 43.5 +1.3
RLMT	Red Lodge	5.66 44	ePn	Pn	13 17 44.4 +2.1
MSO	Missoula	5.68 6	ePn	Pn	13 17 43.1 +0.5
V14A	Boquillas Ranc	5.71 166	↑P	Pn	13 17 44.6 +1.6
V15A	Kaibab Nationa	5.75 158	↑P	Pn	13 17 44.3 +0.8
RWWY	Rawlins	5.75 82	ePn	Pn	13 17 44.8 +1.2
RWWY	U16A	5.81 149	↓P	Pn	13 19 15.4 -7.5
E16A	East Helena	5.81 22	↑P	Pn	13 17 44.9 +0.5
E09A	Wood Farm, Sta	5.84 337	↓P	Pn	13 17 47.3 +2.5
CHMT	Chamberlain Mo	5.84 11	ePn	Pn	13 17 45.3 +0.6
G06A	Carlson Farm,	5.86 316	↑P	Pn	13 17 46.5 +1.4
WDC	Whiskeytown Da	5.87 267	ePn	Pn	13 17 44.1 -1.2
WDC	Newcastle	5.88 104	↓P	Pn	13 19 18.2 -8.5
P21A	Huson	5.91 2	↓P	Pn	13 17 47.8 +2.4
D13A	Holter	5.93 20	ePn	Pn	13 17 45.9 +0.2
HRV	Holter Researc	5.93 20	ePn	Pn	13 17 45.9 +0.2
GCMT	Greycliff	5.94 38	Pn	Pn	13 17 47.7 +1.6
YBH	Yreka Blue Hor	5.94 278	Pn	Pn	13 17 44.8 -1.4
YBH	Yreka Blue Hor	5.94 278	ePn	Pn	13 19 22.3
YBH	Yreka Blue Hor	5.94 278	ePn	Pn	13 17 44.8 -1.4
D11A	Klaveano Farm,	5.96 350	↑P	Pn	13 17 47.8 +1.4
D14A	Greenough	5.97 9	↓P	Pn	13 17 47.2 +0.6
F18A	Big Timber	6.01 37	↓P	Pn	13 17 51.3 +4.3
GSC	Goldstone	6.08 195	Pn	Pn	13 17 48.4 +0.4
D15A	Lincoln	6.09 15	↓P	Pn	13 17 48.3 +0.2
LDFC	Landfair	6.10 182	ePn	Pn	13 17 47.9 -0.5
LDFC	Hualapai Mount	6.12 173	↑P	Pn	13 18 14.1 -1.0
D10A	Wagner Farm, O	6.12 344	↑P	Pn	13 17 50.0 +1.3
SLMT	Seelye Lake,	6.13 9	ePn	Pn	13 17 49.6 +0.9
SLMT	Isabella	6.21 209	↑P	Pn	13 19 25.3 -10
ISA	Isabella	6.21 209	ePn	Pn	13 17 52.1 +2.2
M22A	43rd Creek Ra	6.21 85	↓P	Pn	13 17 51.1 +1.2
HAWA	Hanford	6.21 328	Pn	Pn	13 17 48.7 -1.3
HUMO	Hull Mountain	6.22 286	ePn	Pn	13 17 53.2 +3.1
RSW	Rattlesnake Hi	6.24 328	ePn	Pn	13 17 53.0 +2.7
R21A	Cimarron	6.28 114	↓P	Pn	13 17 52.4 +1.6
WUJAZ	Wupaki	6.28 153	ePn	Pn	13 17 51.7 +0.9
D16A	Dana Ranch, Ca	6.30 21	↑P	Pn	13 17 51.2 0.0
MVCO	Mesa Verde	6.32 127	ePn	Pn	13 17 51.6 +0.2
MVCO	Snowmass	6.34 106	ePn	Pn	13 18 11.4 -7.8
SMCO	Swartz Lake	6.35 5	ePn	Pn	13 17 53.2 +1.5
SWMT	Swartz Lake	6.35 5	ePn	Pn	13 17 52.5 +0.7
V17A	Tonalea, Kykot	6.40 149	↓P	Pn	13 17 53.8 +1.3
GMRC	Granite Mounta	6.43 186	↓P	Pn	13 17 52.5 -0.4
HOOD	Mount Hood Me	6.47 312	↑P	Pn	13 17 54.2 +0.8
S21A	Coal Bank Pass	6.49 121	↑P	Pn	13 17 55.8 +2.1
Q22A	Crested Butte,	6.51 108	↑P	Pn	13 17 55.7 +1.7
D08A	Wollman Farm,	6.56 335	↑P	Pn	13 17 57.0 +2.3
JTMT	Jette	6.57 3	ePn	Pn	13 17 55.7 +0.9
C14A	Swan Lake	6.63 6	↓P	Pn	13 17 56.5 +1.0
BSMT	Bassoo Peak	6.66 0	ePn	Pn	13 17 55.0 -1.1
D17A	5x Diamond Ra	6.67 25	↓P	Pn	13 17 57.0 +0.9
YBMT	Yellow Bay	6.70 5	ePn	Pn	13 17 58.3 +1.7
C15A	Salmond Ranch,	6.78 13	↓P	Pn	13 17 57.8 +0.2
OD2	Odessa Site #2	6.80 337	ePn	Pn	13 17 59.6 +1.7
IRM	Iron Mountain	6.82 182	↑P	Pn	13 18 00.7 -0.3
PHWY	Pilot Hill	7.07 86	ePn	Pn	13 18 02.8 +1.1

ISCO	Idaho Springs	7.16 98	Pn	Pn	13 18 02.5 -0.4
BELC	Belle Mtn.	7.23 188	↑P	Pn	13 18 04.3 +0.4
C08A	Higley/Thom F	7.25 337	↑P	Pn	13 18 05.9 +1.8
NEW	Newport	7.26 348	ePn	Pn	13 18 05.6 +1.3
B15A	Bradley Ranch,	7.31 12	↑P	Pn	13 18 05.6 +0.7
B11A	Sandpoint	7.33 352	↑P	Pn	13 18 06.9 +1.6
LON	Longmire	7.50 320	Pn	Pn	13 18 05.0 -2.6
C07A	Waterville	7.50 332	↓P	Pn	13 18 09.2 +1.7
ETW	Entiat	7.53 330	ePn	Pn	13 18 10.0 +2.1
BC3	Big Chuckw Mtn	7.53 184	↑P	Pn	13 18 10.4 +3.3
B09A	Rice	7.61 343	↑P	Pn	13 18 08.3 +1.4
PFO	Plynon Flat Ob	7.67 190	ePn	Pn	13 18 11.2 +1.2
X18A	Snowflake	7.69 148	↓P	Pn	13 18 11.2 +1.1
EGMT	Eagleton	7.74 26	ePn	Pn	13 18 13.3 +2.5
EGMT	Eagleton	7.74 26	ePn	Pn	13 18 11.0 +0.3
A12A	Yaak River Ran	7.77 356	↓P	Pn	13 18 12.0 +0.8
A11A	Hall Mountain,	7.85 353	↑P	Pn	13 18 14.1 +1.8
A14A	Double T Ranch	7.85 7	↑P	Pn	13 18 13.9 +1.6
B08A	Colville Reser	7.85 337	↑P	Pn	13 18 14.0 +1.7
WALA	Waterlon Lakes	7.90 4	ePn	Pn	13 18 14.8 +1.8
SDCO	Great Sand Dun	8.00 112	ePn	Pn	13 18 15.7 +1.3
C06A	Tall Timber Ra	8.00 329	↑P	Pn	13 18 16.7 +2.3
Z13A	Yuma Proving G	8.03 173	↑P	Pn	13 18 15.3 +0.5
A10A	Northport	8.03 347	↑P	Pn	13 18 16.5 +1.7
GLA	Glamis	8.12 180	ePn	Pn	13 18 16.3 +0.2
B07A	Winthrop	8.18 334	↑P	Pn	13 18 18.5 +1.6
A09A	Danville	8.23 342	↓P	Pn	13 18 19.3 +1.7
LAO	ASA Array	8.30 46	ePn	Pn	13 18 21.3 -0.1
A08A	Turner Farm, O	8.38 340	↑P	Pn	13 18 21.3 +1.7
RSSD	Black Hills	8.48 66	ePn	Pn	13 18 20.5 -0.6
GNW	Green Mountain	8.56 321	ePn	Pn	13 18 26.7 +4.5
JCW	J Creek	8.63 327	ePn	Pn	13 18 24.8 +1.7
RPW	Rockport	8.67 329	ePn	Pn	13 18 26.2 +2.6
A07A	Ashnola River,	8.78 335	↑P	Pn	13 18 27.7 +2.6
ANMO	Albuquerque	9.07 131	Pn	Pn	13 18 30.9 +1.7
ANMO	Albuquerque	9.07 131	Pn	Pn	13 20 57.2
ANMO	Albuquerque	9.07 131	Pn	Pn	13 22 36.4
ANMO	Albuquerque	9.07 131	Pn	Pn	13 18 30.9 +1.7
TUC	Tucson	9.44 159	P	Pn	13 18 36.5 +2.4
DGMT	Daguer	10.49 42	ePn	Pn	13 18 49.2 +0.8
ECSO	EROS Data Cent	13.69 73	ePn	Pn	13 19 30.1 -2.2
TXAR	Lajitas Array	14.92 139	Pn	Pn	13 19 53.0 +3.9
TXAR	Lajitas Array	14.92 139	Pn	Pn	13 24 18.9
TXAR	Lajitas Array	14.92 139	Pn	Pn	13 25 52.4
ULM	Lac du Bonnet	16.01 49	Pn	Pn	13 20 01.2 -2.1
ULM	Lac du Bonnet	16.01 49	Pn	Pn	13 24 40.0
ULM	Lac du Bonnet	16.01 49	Pn	Pn	13 26 09.8
FFC	Flin Flin	16.01 28	ePn	Pn	13 20 01.8 -1.5
JCT	Junction City	16.18 127	ePn	Pn	13 20 09.8 +4.1
FVM	French Village	19.07 92	ePn	Pn	13 20 40.2 -1.2
OXF	Oxford	21.11 100	ePn	Pn	13 21 06.0 +3.0
YKA	Yellowknife Ar	21.34 0	P	Pn	13 21 04.4 -0.7
PLAL	Pickwick Lake	21.91 98	ePn	Pn	13 21 11.4 -0.1
LRAL	Lakeview Retre	23.57 101	ePn	Pn	13 21 28.9 -0.1
TKL	Tuckaleech C	24.87 93	LR	LR	13 32 24.2
BILL	Bilibino	48.51 330	P	P	13 25 03.2 +2.5
MDJ	Mudanjiang	76.91 319	P	P	13 28 08.6 -1.9
CN2	Changchun	79.54 320	ePn	Pn	13 28 25.4 +0.3
AKASG	Malin Array Be	83.24 22	P	P	13 28 44.0 -0.6
ZALV	Zalesovo Beam	83.75 348	P	P	13 28 46.4 -0.8
SONM	Songino Array	84.13 333	P	P	13 28 48.9 -0.3
BVAR	Borovoye Array	86.06 357	P	P	13 28 56.9 -1.9
BJI	Beijing	86.80 323	P	P	13 29 01.6 -1.1
BJI	Beijing	86.80 323	P	P	13 39 39.7 -0.7
BJI	Beijing	86.80 323	P	P	13 45 19.4 -1.4
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 29 07.7 -1.4
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 29 14.4 +0.8
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 32 36.2 +1.1
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 39 32.5
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 39 47.9 -5.3
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 45 38.5 -1.7
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 29 07.7 -1.4
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 29 14.4 +0.8
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 32 36.2 +1.1
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 39 32.5
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 39 47.9 -5.3
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 45 38.5 -1.7
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 29 07.7 -1.4
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 29 14.4 +0.8
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 32 36.2 +1.1
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 39 32.5
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 39 47.9 -5.3
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 45 38.5 -1.7
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 29 07.7 -1.4
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 29 14.4 +0.8
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 32 36.2 +1.1
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 39 32.5
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 39 47.9 -5.3
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 45 38.5 -1.7
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 29 07.7 -1.4
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 29 14.4 +0.8
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 32 36.2 +1.1
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 39 32.5
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 39 47.9 -5.3
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 45 38.5 -1.7
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 29 07.7 -1.4
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 29 14.4 +0.8
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 32 36.2 +1.1
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 39 32.5
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 39 47.9 -5.3
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 45 38.5 -1.7
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 29 07.7 -1.4
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 29 14.4 +0.8
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 32 36.2 +1.1
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 39 32.5
HHC	Hu-ho-hao-te	88.14 327	ePn	Pn	13 39 47.9 -5.3
HHC	Hu-ho-hao-te	88.14			

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SYO Syowa Base, YKA Yellowknife, and various other locations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TWG Pinang, YULB Yu-li, and various other locations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IDC 01 13:59:59.4, NIED 01 14:00:00, and various other locations.

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

DDA 01 14:02:47.4, 38°18'N, 24°70'E, h12km, MD3.7
ISCJB 01 14:02:49.0, 38°32'N, 02°24'9"E, h2km, 6km,
Error ellipse: s-maj=3.9km s-min=2.6km az=156.0

CSEM 01 14:02:50.2, 38°30'N, 24°9"E, h10km, ML3.7, Error
ellipse: s-maj=3.1km s-min=2.5km az=157.0

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

ATH 1.02 252 eP Pn 14 03 10.0 +0.2
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ATH 1.02 252 eP Pn 14 03 10.0 +0.2

DDA 01 14:08:56.6, 2.6, 31°71'S, 69°38'W, h81km, 21km, mb3.6/3,
mb1 3.5/8, mb1mx3.4/19, mbtpm3.4/8, Error ellipse:
s-maj=31.9km s-min=23.4km az=101.0

ISCJB 01 14:08:59.0, 0.4, 31°66'S, 0°04'69.19"W, 0°05, h121km, 5km,
mb3.9/4, Error ellipse: s-maj=8.0km s-min=5.5km az=23.1

NEIC 01 14:08:59.9, 0.4, 31°61'S, 69°17'W, h110km, 6km, mb4.2/1,
MD3.7(SJA), MD4.0(GUC), Error ellipse: s-maj=12.2km
s-min=6.7km az=109.0

NEIC Felt [III] at San Juan,
GUC 01 14:09:00.4, 0.5, 31°70'S, 69°51'W, h142km, 7km, MD4.0,
ML4.0

ISC 01 14:09:00.1, 0.4, 31°55'S, 0°04'69.20"W, 0°05, h113km, 5km,
n37, c10743, mb3.9/4, 2C-3D, San Juan Province

Code Station Name Az Phase ID Time Res
CFAA Coronel Fontan 0.82 87 Op ISC h m s ISC
14 09 20.3 +0.5

CFAA 8.6mm, 0.3s, baz=283, slow=6.9, SNR=1993
Pn 14 09 35.1 +0.5
JACH Jahuel 1.56 229 eP Pn 14 09 28.3 +0.5

FCH Farellones 1.91 209 iP Pn 14 09 36.7 +4.7
PEL Peldehue 1.95 220 iS Pn 14 09 37.1 +5.3
PEL Peldehue 1.95 220 iS Pn 14 09 37.1 +5.3

PEL Peldehue 1.95 220 iS Pn 14 09 37.1 +5.3
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PEL Peldehue 1.95 220 iS Pn 14 09 37.1 +5.3

PEL Peldehue 1.95 220 iS Pn 14 09 37.1 +5.3
PEL Peldehue 1.95 220 iS Pn 14 09 37.1 +5.3
PEL Peldehue 1.95 220 iS Pn 14 09 37.1 +5.3

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

DJA 01 14:25:36, 1°23'N, 97°07'E, h10km, MLV3.3/4, Northern
Sumatera

GSI Gunungsitoli 0.51 82 Op ISC h m s ISC
14 25 45.1 -0.9
GSI Gunungsitoli 0.51 82 Op ISC h m s ISC
14 25 45.1 -0.9

GSI Gunungsitoli 0.51 82 Op ISC h m s ISC
14 25 45.1 -0.9
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GSI Gunungsitoli 0.51 82 Op ISC h m s ISC
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GSI Gunungsitoli 0.51 82 Op ISC h m s ISC
14 25 45.1 -0.9

C08A	baz=71 Higginbotham F	71.38 44	↑P	P	14 40 17.9	-0.2	G13A	comp=Z,14nm,0.8s,mb4.7 Cobalt	75.64 45	↑P	P	14 40 43.4	+0.2
HOQ	baz=71 Hoqain	71.51 286	↓P	P	14 40 20.3	+1.0	MF1D	baz=75 Carnas Ranch	75.66 47	↑P	P	14 40 43.2	0.0
B09A	SNR=5.1 Rice	71.56 43	↑P	P	14 40 18.7	-0.5	B17A	baz=76,SNR=8.9 L&G Farms, Che	75.69 41	↑P	P	14 40 43.3	0.0
A10A	baz=71 Northport	71.59 43	↑P	P	14 40 18.9	-0.5	E15A	Deer Lodge	75.78 43	↑P	P	14 40 43.9	0.0
KIV	baz=71 Kislovodsk	71.69 311	↑P	P	14 40 20.8	+0.8	NB2	comp=Z,7.9nm,0.6s,mb4.6,baz=42,slow=5.9 NORSAR Subarra	75.83 337	P	P	14 40 43.2	-0.7
KIV	comp=Z,53nm,1.0s,mb5.3 Kislovodsk	71.69 311	↑P	Pmax	14 42 57.6		NOA	NOA	75.83 337	P	Pmax	14 40 43.9	0.0
KIV	comp=Z,33nm,0.8s,mb5.2 Kislovodsk	71.69 311	↑P	P	14 40 20.9	+0.9	NOA	comp=Z,12nm,0.8s NORSAR Array B	75.83 337	P	P	14 40 43.9	0.0
KIV	SNR=9.9 Carlson Farm,	71.77 47	↑P	P	14 40 20.2	-0.2	H11A	baz=76 Parker Ranch,	75.90 48	↑P	P	14 40 44.5	-0.1
C09A	baz=72 Chrisman Ranch	71.82 44	↑P	P	14 40 20.6	-0.1	K13A	K13A	75.93 45	↑P	P	14 40 44.8	0.0
D08A	baz=72 Wollman Farm,	71.84 45	↑P	P	14 40 20.5	-0.4	KBD	KBD	75.99 296	eP	AMB	14 40 45.6	+0.2
D09A	baz=72 Jones Farm, Ri	72.19 45	↑P	P	14 40 22.9	0.0	D16A	comp=Z,39nm,1.6s,mb4.9 Dana Ranch, Ca	76.03 42	↑P	P	14 40 45.1	-0.1
H06A	baz=72 Lindquist Farm	72.22 48	↑P	P	14 40 22.8	-0.4	HR1Y	baz=76 Holter Researc	76.06 42	eP	P	14 40 45.3	-0.2
ARQ	ARQ	72.26 286	P	P	14 40 24.8	+1.1	C17A	comp=Z,2.9nm,0.6s,mb4.2 Whram Farm,	76.10 41	↑P	P	14 40 45.4	-0.3
A11A	SNR=5.2 Hall Mountain,	72.27 42	↑P	P	14 40 23.9	+0.5	B18A	baz=76,SNR=8.8 Beardsley Farm	76.17 40	↑P	P	14 40 45.9	-0.1
GNI	baz=72 Garni	72.33 307	eP	P	14 40 25.5	+1.6	F15A	Butte	76.20 43	↑P	P	14 40 46.4	+0.1
B11A	comp=Z,19nm,1.2s Sandpoint	72.55 43	↑P	P	14 40 24.8	-0.2	RDF	Al-Radifah	76.23 296	eP	AMB	14 40 47.0	+0.2
E09A	baz=72 Wood Farm, Sta	72.58 45	↑P	P	14 40 25.3	0.0	RDF	comp=Z,93nm,1.0s,mb5.5 Limekin Ridge	76.24 43	eP	P	14 40 46.6	+0.1
F08A	baz=72 Pendleton	72.59 46	↑P	P	14 40 25.5	+0.1	E16A	comp=Z,79nm,1.3s,mb5.3 East Helena	76.25 43	↑P	P	14 40 46.8	+0.2
A12A	baz=72 Yaak River Ran	72.68 42	↑P	P	14 40 26.2	+0.4	NAY	Al-Naieim	76.28 296	eP	AMB	14 40 46.8	-0.2
G08A	baz=72 Pilot Rock	72.75 47	↑P	P	14 40 26.2	-0.1	M10A	comp=Z,28nm,1.3s,mb4.8 L.L. Ranch, Tu	76.30 49	↑P	P	14 40 47.4	+0.5
D10A	baz=72 Wagner Farm, O	72.79 44	↑P	P	14 40 26.0	-0.5	I13A	baz=76 Wildhorse Cree	76.39 46	↑P	P	14 40 48.1	+0.7
SUMG	Summit	72.81 360	eP	P	14 40 27.0	+0.9	EGMT	baz=76 Eagleton	76.41 41	↑P	P	14 40 47.1	-0.3
K05A	comp=Z,23nm,1.3s,mb4.8 Summer Lake	72.93 50	↑P	P	14 40 27.6	+0.2	EGMT	baz=76,SNR=5.6 Eagleton	76.41 41	eP	P	14 40 46.7	-0.7
I07A	baz=73 Ize	73.07 48	↑P	P	14 40 28.2	0.0	HLID	comp=Z,9.8nm,0.6s,mb4.3 Hailey	76.42 46	↑P	P	14 40 47.7	+0.1
J06A	baz=73 Christmas Vall	73.11 49	↑P	P	14 40 28.6	+0.1	DLMT	baz=76 Dillon	76.42 44	eP	P	14 40 47.5	-0.1
E10A	baz=73 Myers Farm, Un	73.19 45	↑P	P	14 40 28.5	-0.4	D17A	comp=Z,6.3nm,1.0s,mb4.3 Six Diamond Ra	76.43 42	↑P	P	14 40 47.6	+0.1
D11A	baz=73 Klaviano Farm,	73.33 44	↑P	P	14 40 28.8	-0.9	G15A	baz=76 Dillon	76.60 44	↑P	P	14 40 48.7	+0.1
H08A	baz=73 Prairie City	73.34 47	↑P	P	14 40 29.9	+0.1	E17A	baz=76 Martinsdale	76.75 42	↑P	P	14 40 50.0	+0.6
A13A	baz=73 Flathead Natio	73.36 42	↑P	P	14 40 30.1	+0.1	I14A	baz=76 Mackay	76.77 45	↑P	P	14 40 49.8	+0.2
G09A	baz=73 Cove	73.46 46	↑P	P	14 40 30.6	+0.1	BOZ	Bozeman (W)	76.81 43	↑P	P	14 40 50.0	+0.4
SOC	baz=73 Sochi	73.72 312	eP	P	14 40 30.2	-1.8	M11A	baz=77 Holland Ranch,	76.81 49	↑P	P	14 40 50.2	+0.4
SOC	SOC	14 43 15.8	ePPP	S	14 49 54.4	-1.0	NVAR	baz=77 Mina Array Bea	76.92 52	P	P	14 40 51.1	+0.6
SOC	SOC	14 49 54.4	eS	S	14 49 54.4	-1.0	G16A	comp=Z,5.5nm,0.7s,mb4.4,baz=290,slow=5.5,SNR=41 Moss Hill, Enn	76.95 44	↑P	P	14 40 51.3	+0.7
SOC	SOC	14 50 38.0	eSS	S	14 50 38.0	+1.8	J14A	baz=77 Carey	77.09 46	↑P	P	14 40 52.2	+0.9
SOC	SOC			Pmax			F17A	baz=77 Fitzpatrick PI	77.19 43	↑P	P	14 40 52.5	+0.6
I08A	comp=Z,15nm,0.8s,mb4.8 Drewsey	73.73 48	↑P	P	14 40 32.6	+0.5	E18A	Harlowton	77.20 42	↑P	P	14 40 51.9	0.0
E11A	baz=74 Bogner Ranch,	73.79 45	↑P	P	14 40 32.3	-0.1	P10A	baz=77 Eureka	77.42 50	↑P	P	14 40 53.8	+0.5
G10A	baz=74 Bishop Farm, J	73.84 46	↑P	P	14 40 32.8	+0.1	MALT	baz=77 Malaty	77.45 308	eP	Pmax	14 40 55.1	+1.7
A14A	baz=74 Double T Ranch	73.87 41	↑P	P	14 40 32.8	0.0	MALT	MALT	77.45 308	eP	Pmax	14 40 55.1	+1.7
D12A	baz=74 Red Ives Fores	73.89 44	↑P	P	14 40 32.7	-0.2	MALT	comp=Z,13nm,1.1s,mb4.6 Malaty	77.45 308	↑P	P	14 40 54.9	+1.5
K07A	baz=74 Rock Creek Ran	73.97 49	↑P	P	14 40 34.0	+0.5	MALT	comp=Z,13nm,1.1s,mb4.6 Malaty	77.45 308	eP	P	14 40 55.0	+1.6
C13A	baz=74 Hot Springs	73.97 43	↑P	P	14 40 34.1	+0.6	H16A	baz=77 Russell Place,	77.59 44	↑P	P	14 40 54.8	+0.7
F11A	baz=74 Grangeville	74.08 45	↑P	P	14 40 34.0	-0.1	O11A	baz=77 Cowboy Ranch,	77.64 50	↑P	P	14 40 55.2	+0.7
J08A	baz=74 Circle Bar Ran	74.08 48	↑P	P	14 40 34.2	0.0	F18A	baz=77 Big Timber	77.72 42	↑P	P	14 40 54.8	0.0
JTMT	baz=74 Jette	74.10 43	eP	P	14 40 34.3	+0.1	PKM	baz=78,SNR=5.1 Peak Mountain	77.89 56	↑P	P	14 40 56.5	+0.5
SCO	comp=Z,4.1nm,0.8s,mb4.2 Scoresbysund	74.14 354	iP	P	14 40 34.5	+0.5	Q10A	baz=78 Clear Creek Ra	77.92 51	↑P	P	14 40 56.5	+0.5
SCO	comp=Z,6.0nm,0.8s,mb4.4 Scoresbysund	74.14 354	iP	Pmax	14 40 34.5	+0.5	I16A	baz=78 Newdale	77.95 45	↑P	P	14 40 56.5	+0.5
SCO	comp=Z,5.8nm,0.8s,mb4.4 Scoresbysund	74.14 354	iP	P	14 40 34.5	+0.5	L14A	baz=78 Malta	78.01 47	↑P	P	14 40 56.8	+0.3
A15A	baz=74 Johnson Ranch,	74.24 41	↑P	P	14 40 34.9	-0.1	K15A	baz=78 Arbon	78.05 46	↑P	P	14 40 57.4	+0.7
L07A	baz=74 Adell	74.28 50	↑P	P	14 40 36.1	+0.7	O12A	baz=78 Currie	78.13 49	↑P	P	14 40 57.9	+0.7
G11A	baz=74 Walters Elk Ra	74.28 45	↑P	P	14 40 35.0	-0.3	H17A	baz=78 Grant Village	78.16 44	↑P	P	14 40 59.2	+2.0
D13A	baz=74 Huson	74.37 43	↑P	P	14 40 35.6	-0.1	CWC	baz=78 Cottonwood Cre	78.19 54	↑P	P	14 40 59.4	-0.1
C14A	baz=74 Swan Lake	74.38 42	↑P	P	14 40 35.8	0.0	M14A	baz=78 Sheep Mountain	78.26 47	↑P	P	14 40 58.5	+0.6
SWMT	comp=Z,5.5nm,1.1s,mb4.4 Swartz Lake	74.39 43	eP	P	14 40 35.8	-0.1	S10A	comp=Z,13nm,0.9s,mb4.8 Tonopah Range,	78.31 52	↑P	P	14 40 58.5	+0.2
K08A	baz=74 Mann Creek Ran	74.42 49	↑P	P	14 40 36.6	+0.5	ISA	baz=78 Isabella	78.36 55	↑P	P	14 40 57.8	-0.8
H10A	baz=74 Noah's Angus R	74.45 46	↑P	P	14 40 35.9	-0.4	RLMT	baz=78 Red Lodge	78.45 43	↑P	P	14 40 59.4	+0.6
J09A	baz=74 Fry Pan Ranch,	74.53 48	↑P	P	14 40 36.8	0.0	TPAW	baz=78 Teton Pass	78.49 45	eP	P	14 41 00.1	+1.0
N06A	baz=74 Buffalo Meadow	74.65 51	↑P	P	14 40 37.9	+0.4	P12A	comp=Z,18nm,1.7s,mb4.5 McCill	78.49 50	↑P	P	14 40 59.4	+0.2
F12A	baz=74 Elk City	74.67 45	↑P	P	14 40 37.0	-0.5	K16A	baz=78 Soda Springs	78.52 46	↑P	P	14 41 00.6	+1.3
B15A	baz=74 Bradely Ranch,	74.72 41	↑P	P	14 40 37.8	0.0	L15A	baz=78 Malad City	78.54 47	↑P	P	14 40 59.5	+0.1
M07A	baz=74,SNR=11 Soldier Meadow	74.73 50	↑P	P	14 40 38.5	+0.6	R11A	baz=78 Troy Canyon, C	78.72 51	↑P	P	14 41 00.4	0.0
BEKR	baz=75 Beckworth	74.79 52	↑P	P	14 40 38.5	+0.1	MPMC	baz=78,SNR=7.6 Manual Prospec	78.80 54	↑P	P	14 41 00.9	0.0
L08A	baz=75 Fields	74.80 49	↑P	P	14 40 38.5	+0.1	M15A	baz=79,SNR=5.9 Larsen Ranch,	78.83 47	↑P	P	14 41 01.2	+0.2
H11A	baz=75 Donnelly	74.82 46	↑P	P	14 40 37.9	-0.5	BSD	baz=79 Bornholm Skovb	78.93 332	iP	Pmax	14 41 00.9	-0.4
SLMT	baz=75 Seeley Lake	74.83 43	eP	P	14 40 38.1	-0.3	BSD	comp=Z,13nm,0.9s,mb4.8 Bornholm Skovb	78.93 332	iP	Pmax	14 41 00.9	-0.4
A16A	comp=Z,5.7nm,0.7s,mb4.4 West Butte Ran	74.87 41	↑P	P	14 40 38.5	-0.1	FURC	comp=Z,13nm,0.9s,mb4.8 Furnace Creek,	78.98 53	↑P	P	14 41 02.0	+0.1
E13A	baz=75 Victor	74.89 44	↑P	P	14 40 38.5	-0.2	LRMC	baz=78 Laurid Mountai	79.00 54	↑P	P	14 41 02.2	+0.1
K09A	baz=75 Rome	74.91 48	↑P	P	14 40 39.1	+0.1	I18A	baz=79 Diamond G Ranc	79.01 44	↑P	P	14 41 02.0	+0.1
D14A	baz=75 Greenough	74.91 43	↑P	P	14 40 38.4	-0.5	S11A	baz=79 Rael	79.02 52	↑P	P	14 41 02.2	+0.1
C15A	baz=75 Salmond Ranch,	75.01 42	↑P	P	14 40 39.8	+0.4	P13A	baz=79 Bates Ranch, G	79.06 49	↑P	P	14 41 02.4	+0.1
B16A	baz=75,SNR=7.6 M & M Farms, S	75.12 41	↑P	P	14 40 39.7	-0.4	L16A	baz=79 Fish Haven	79.10 46	↑P	P	14 41 02.9	+0.5
F13A	baz=75 Darby	75.19 44	↑P	P	14 40 40.6	+0.1	EDW2	baz=79 Edwards Air Fo	79.14 55	↑P	P	14 41 02.8	0.0
L09A	baz=75 Wilkinson Ranc	75.32 49	↑P	P	14 40 41.2	-0.1	J18A	baz=79 Kendall Valley	79.20 45	↑P	P	14 41 03.4	+0.5
A17A	baz=75 Triple J Farms	75.35 40	↑P	P	14 40 41.2	-0.1	R12A	baz=79,SNR=5.7 Pony Springs,	79.35 51	↑P	P	14 41 04.0	+0.1
K10A	baz=75 MacKenzie Ranc	75.39 48	↑P										

ISC 01 15:01:06.4.2.0, 20.262N, 0110.122E, 0.08, h14km, 16km, n27, c099/33, mb3.6/6, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like TWG Pinlang, YULB Yu-I, TPUB Ta-pu, etc.

ISC 01 15:18:43.1.1.5, 19.34N, 121.21E, h0km, mb3.4/3, mb1.3/7.3, mb1mx3.4/20, mbtbp3.4/3, Error ellipse: s-maj=86.6km s-min=31.3km az=67.0

ISCB 01 15:18:47.9.1.9, 20.4N, 0111.22E, 0.1, h35km, 20km, mb3.4/3, Error ellipse: s-maj=23.5km s-min=10.0km az=142.4

JMA 01 15:18:47.0.6.20.38N, 122.23E, h107km, M3.2 NEIC 01 15:18:49.4.1.9, 20.42N, 121.46E, h10km, Error ellipse: s-maj=53.8km s-min=23.8km az=81.0

ISC 01 15:18:49.0.2.7, 20.4N, 0111.22E, 0.1, h31km, 30km, n18, c099/33, mb3.4/3, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like TWG Pinlang, YULB Yu-I, TPUB Ta-pu, etc.

comp=Z, 10.0nm, 1.0s, mb4.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MKAR Makanchi Array, MKAR Makanchi Array, etc.

NSSP 01 15:27:33.9.4.1, 72N, 46.12E, h10km, Ms3.4 ISCB 01 15:27:37.0.5.4, 1.83N, 102.46E, h45km, h6km, 5km, Error ellipse: s-maj=4.5km s-min=2.9km az=18.3

CSEM 01 15:27:37.1.0.5, 41.81N, 46.17E, h6km, 4km, mb4.4, Error ellipse: s-maj=8.8km s-min=5.9km az=153.0

TIF 01 15:27:37.5.1, 41.97N, 46.05E, h10km MOS 01 15:27:37.1.1.7, 41.80N, 46.17E, h12km, mb4.4/1, Error ellipse: s-maj=7.6km s-min=5.8km az=96.0

ISC 01 15:27:37.9.0.4, 41.84N, 102.46E, 13E, 0.03, h10km, 3km, n69, c123/117, 7C-13Z, Eastern Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MKMR Kumukh, MKMR Kumukh, etc.

ISC 01 15:25:05.6.1.0, 51.8N, 01.176, 87E, 0.06, h61km, 8km, mb4.1/18, Error ellipse: s-maj=20.1km s-min=5.7km az=7.9

NEIC 01 15:25:07.3.0.9, 51.76N, 176.82E, h63km, 7km, mb4.1/3, ML4.0(AEIC), Error ellipse: s-maj=16.6km s-min=6.1km az=184.0

ISC 01 15:25:10.5.4.4, 51.79N, 176.76E, h92km, 39km, mb3.6/14, mb1.3/7.15, mb1mx3.6/28, mbtbp3.6/15, MS2.8/1, Ms1.2.8/1, ms1mx2.5/30, Error ellipse: s-maj=25.7km s-min=13.6km az=0.0

ISC 01 15:25:07.4.0.9, 51.8N, 01.176, 86E, 0.06, h58km, 7km, n33, c097/35, mb4.1/18, Rat Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like STEZ Stepanavan, STEZ Stepanavan, etc.

PRTR Prterechnaya 2.34 325 eS Sb 15 28 45.8 +0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PRTR Prterechnaya, KIV Kislodvsk, etc.

ISC 01 15:58:00.9.0.5, 6.88N, 0.05, 73.03W, 0.06, h163km, 6km, mb3.6/3, Error ellipse: s-maj=11.1km s-min=6.0km az=42.3

FUNV 01 15:58:00.9.6, 80N, 73.21W, h163km, MW3.7 IDC 01 15:58:01.8, 2.5, 6.75N, 73.02W, h158km, 22km, mb3.4/3, mb1.3/7.4, mb1mx3.2/21, mbtbp3.5/4, Error ellipse: s-maj=46.9km s-min=24.7km az=99.0

NEIC 01 15:58:01.9.0.7, 6.72N, 72.94W, h165km, 7km, Error ellipse: s-maj=24.6km s-min=9.9km az=127.0

ISC 01 15:58:01.8.0.5, 6.88N, 0.05, 73.02W, 0.06, h157km, 6km, n29, c083/34, mb3.6/3, 3D, Northern Columbia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CAPCHO Capacho, IRISAL IRISAL, etc.

DDA 01 15:58:04.4, 40.57N, 34.78E, h12km, 1km, MD3.2 ISC 01 15:58:04.3, 40.61N, 34.81E, h2km, MD3.1

ISCB 01 15:58:05.3, 0.4, 40.60N, 0.02, 34.77E, 0.03, h6km, 3km, Error ellipse: s-maj=3.9km s-min=3.7km az=177.2

CSEM 01 15:58:05.3, 0.4, 40.60N, 0.02, 34.78E, h5km, MD3.2, Error ellipse: s-maj=1.8km s-min=1.5km az=30.0

ISC 01 15:58:05.6, 0.4, 40.60N, 0.02, 34.78E, 0.03, h4km, 3km, n47, c076/71, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CTKT Corum, CTKT Corum, etc.

CSEM 01 18:58:53.9.0.1, 40.60'N-34.81'E, h5km, 1km, MD3.1, Error
 ellipse: s-maj=2.8km s-min=2.4km az=107.0
 DDA 01 18:58:53.2, 40.58'N-34.81'E, h10km, MD3.1
 ISK 01 18:58:53.2, 40.59'N-34.84'E, h6km, MD2.9
 ISC 01 18:58:54.0.5, 40.60'N-0.02-34.81E, 0.05, h5km, 4km,
 n41, c0577/55, Turkey

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
				h m s	ISC
CTKT	Corum	0.03 326	Op	18 58 53.9	+0.9
CTKT	Corum	0.03 326	iP	18 58 56.8	+1.0
CTKT	Corum	0.03 326	iS	18 58 55.9	+0.9
CTKT	Corum	0.03 326	iP	18 58 56.8	+1.0
CORM	Corum	0.44 199	ePG	18 59 02.4	0.0
CORM	Corum	0.44 199	ePG	18 59 03.9	+1.2
CORM	Corum	0.44 199	ePG	18 59 02.0	0.0
CORM	Corum	0.44 199	ePG	18 59 03.9	+1.1
TOS	Tosya	0.74 306	ePG	18 59 08.1	-0.1
TOS	Tosya	0.74 306	ePG	18 59 08.1	-0.1
BYBT	Boyyabat	0.87 358	ePG	18 59 11.2	+0.5
BYBT	Boyyabat	0.87 358	ePG	18 59 11.3	+0.9
BYBT	Boyyabat	0.87 358	ePG	18 59 11.3	+0.6
BYBT	Boyyabat	0.87 358	ePG	18 59 22.9	+0.9
CANT	Cankiri	0.91 271	ePG	18 59 11.0	-0.4
ILGA	Ilgaz	0.95 299	iP	18 59 11.7	-0.5
ILGA	Ilgaz	0.95 299	iP	18 59 11.6	-0.6
CDAG	Cicekdag	1.03 199	iS	18 59 12.7	-0.9
CDAG	Cicekdag	1.03 199	iS	18 59 26.9	-0.1
CDAG	Cicekdag	1.03 199	iP	18 59 12.7	-1.0
CDAG	Cicekdag	1.03 199	iP	18 59 26.9	-0.1
YOZ	Yozgat	1.03 158	ePG	18 59 12.1	-1.7
YOZ	Yozgat	1.03 158	ePG	18 59 12.1	-1.6
KAVT	Kavak	1.05 62	ePG	18 59 12.7	-0.9
KVT	Kavak	1.05 62	ePG	18 59 13.7	-0.5
ELDT	Eldivan	1.06 265	iP	18 59 13.1	-1.2
ELDT	Eldivan	1.06 265	iP	18 59 27.2	-0.9
ELDT	Eldivan	1.06 265	iP	18 59 13.1	-1.2
ELDT	Eldivan	1.06 265	iP	18 59 27.2	-0.9
DIKM	Dikmen	1.10 18	ePN	18 59 14.9	-1.2
DIKM	Dikmen	1.10 18	ePN	18 59 14.9	-1.2
BALD	Daday	1.43 311	iP	18 59 20.4	-0.2
BALD	Daday	1.43 311	iP	18 59 20.4	-0.2
ERBA	Erbaa	1.48 96	ePG	18 59 21.2	0.0
ERBA	Erbaa	1.48 96	ePG	18 59 21.2	0.0
KAMT	Kaman	1.49 215	ePN	18 59 21.0	-0.4
KAMT	Kaman	1.49 215	ePN	18 59 21.0	-0.4
BZK	Bozkurt	1.49 336	ePN	18 59 21.2	-0.2
BZK	Bozkurt	1.49 336	ePN	18 59 21.2	-0.2
BBAL	Bala	1.67 232	eP	18 59 24.4	+0.5
BBAL	Bala	1.67 232	eP	18 59 24.4	+0.4
BBAL	Bala	1.67 232	eP	18 59 24.4	+0.5
BBAL	Bala	1.67 232	eP	18 59 24.4	+0.4
LOD	Lodumlu	1.72 246	ePN	18 59 25.4	+0.8
LOD	Lodumlu	1.72 246	ePN	18 59 25.4	+0.9
SAFT	Safranbolu	1.73 292	ePN	18 59 25.2	+0.5
SAFT	Safranbolu	1.73 292	ePN	18 59 25.2	+0.5
AVNT	Avanos	1.81 179	iP	18 59 26.2	+0.4
AVNT	Avanos	1.81 179	iP	18 59 50.9	+1.7
AVNT	Avanos	1.81 179	iP	18 59 26.2	+0.4
AVNT	Avanos	1.81 179	iP	18 59 50.9	+1.7
BUNY	Bunyan	1.92 155	ePN	18 59 26.7	-0.5
BUNY	Bunyan	1.92 155	ePN	18 59 26.7	-0.5
SULT	Sultanhanı-AKS	2.60 203	ePN	18 59 36.9	+0.3
SULT	Sultanhanı-AKS	2.60 203	ePN	18 59 36.9	+0.3

ISCJB 01 18:59:60.0.7, 37.02'N-0.04-27.68E, 0.04, h10km, Error
 ellipse: s-maj=6.3km s-min=4.5km az=172.9
 DDA 01 19:00:00.2, 37.00'N-27.63E, h7km, 3km, MD2.5
 ISK 01 19:00:00.0, 37.14'N-27.57E, h21km, MD2.1
 CSEM 01 19:00:01.0-0.3, 37.06'N-27.68E, h2km, MD2.5, Error
 ellipse: s-maj=7.7km s-min=6.3km az=137.0
 ISC 01 19:00:00.5-0.7, 37.03'N-0.04-27.67E, 0.04, h10km, n12,
 c0589/22, Turkey

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
				h m s	ISC
BDRM	Kayabasi	0.18 282	Op	19 00 04.3	+0.2
BDRM	Kayabasi	0.18 282	iP	19 00 06.3	-0.9
BDRM	Kayabasi	0.18 282	iP	19 00 04.3	-0.2
BDRM	Kayabasi	0.18 282	iP	19 00 06.3	-0.8
MLSB	Milias	0.28 18	ePG	19 00 05.3	-0.8
MLSB	Milias	0.28 18	ePG	19 00 10.6	+0.6
MLSB	Milias	0.28 18	ePG	19 00 10.6	+0.6
MLSB	Milias	0.28 18	ePG	19 00 10.6	+0.6
BODT	Bodrum	0.29 277	ePG	19 00 06.2	-0.1
BODT	Bodrum	0.29 277	ePG	19 00 06.2	-0.1
BODT	Bodrum	0.29 277	ePG	19 00 09.9	-0.4
BODT	Bodrum	0.29 277	ePG	19 00 09.9	-0.4
DAT	Datca	0.31 194	ePG	19 00 09.1	+2.5
DAT	Datca	0.31 194	ePG	19 00 09.1	+2.5
DAT	Datca	0.31 194	ePG	19 00 15.8	+0.5
DAT	Datca	0.31 194	ePG	19 00 15.8	+0.5
AYDN	Tasoluk	0.65 15	iP	19 00 13.7	+0.5
AYDN	Tasoluk	0.65 15	iP	19 00 22.3	+0.6
AYDN	Tasoluk	0.65 15	iP	19 00 13.7	+0.5
AYDN	Tasoluk	0.65 15	iP	19 00 22.3	+0.6
TURN	Turunc	0.76 101	eP	19 00 15.1	-0.1
TURN	Turunc	0.76 101	eP	19 00 23.9	-1.3
TURN	Turunc	0.76 101	eP	19 00 15.1	-0.1
TURN	Turunc	0.76 101	eP	19 00 23.9	-1.3

ISCJB 01 19:13:37.0.3, 48.52'N-0.02-122.58W, 0.03, h10km,
 Error ellipse: s-maj=3.4km s-min=2.5km az=2.0
 PGC 01 19:13:38.3, 0.4, 48.51'N-122.57W, h28km, ML2.2/11,
 59km east of Victoria, BC Washington
 NEIC 01 19:13:38.7, 48.53'N-122.58W, h20km, MD2.7(SEA), After
 SEA.
 PNSN 01 19:13:38.7, 48.53'N-122.58W, h20km, MD2.7, Fault plane
 solution: NP1:φ=85.00000°, δ=35.00000°, NP2:
 φ=241.00000°, δ=57.00000°, Principal axes: T P1g74.00000°,
 Azm115.00000°, P P1g11.00000°, Azm341.00000°
 ISC 01 19:13:37.4, 0.3, 48.53'N-0.02-122.59W, 0.03, h10km, n35,
 c0597/53, 3C-25D, Washington

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
				h m s	ISC
ERW	Mount Erie	0.07 198	Op	19 13 41.8	+2.2
MCW	Mount Constitu	0.22 314	iP	19 13 43.8	+1.8
MCW	Mount Constitu	0.22 314	iP	19 13 47.9	+2.8
ATES	Arlington Traf	0.46 129	iP	19 13 46.9	+0.6
SNB	Saturna Island	0.46 303	iP	19 13 47.8	+1.4
SNB	Saturna Island	0.46 303	iP	19 13 54.2	+1.8
KVZ	Gonzales	0.50 257	iP	19 13 47.9	+0.8
KVZ	Gonzales	0.50 257	iP	19 13 47.9	+0.7
MGZ	Gonzales	0.50 257	iP	19 13 58.9	+1.2
MGZ	Gonzales	0.50 257	iP	19 13 58.9	+1.2
WBJ	Mount Baker	0.53 60	iP	19 13 48.4	+0.3
SQM	Sequim	0.54 214	iP	19 13 49.2	+1.3
JCW	Jim Creek	0.55 127	iP	19 13 49.3	+0.7
BLN	Blyn Mountain	0.58 206	iP	19 13 49.1	+0.4
PGC	Sidney	0.58 283	ePG	19 13 52.7	+0.8
PGC	Sidney	0.58 283	ePG	19 13 52.7	+0.8
VDB	Vedder Mountai	0.60 33	iP	19 13 49.5	+0.5
VDB	Vedder Mountai	0.60 33	iP	19 13 57.8	+0.7
VDB	Vedder Mountai	0.60 33	iP	19 13 49.5	+0.5
VDB	Vedder Mountai	0.60 33	iP	19 13 57.8	+0.7
RPW	Rockport	0.72 96	iP	19 13 52.1	+0.3
GOBB	Galiano Island	0.74 305	iP	19 13 52.1	+0.3
GOBB	Galiano Island	0.74 305	iP	19 14 02.3	+0.9
HNB	Haney	0.75 1	iP	19 13 51.9	0.0
HNB	Haney	0.75 1	iP	19 14 01.9	+0.2
HDW	Haystack Looko	0.93 120	iP	19 13 54.4	+0.3
HDW	Hoodspport	0.91 240	iP	19 13 54.6	-0.7
GNW	Green Mountain	0.97 189	iP	19 13 55.2	-0.9
BIB	Bowen Island	1.00 332	iP	19 13 56.2	-0.4
BIB	Bowen Island	1.00 332	iP	19 14 08.7	-0.9
OLB	Olympics-Boni	1.11 244	iP	19 13 57.9	-0.7
NLB	Nainaimo Lost L	1.16 308	iP	19 13 58.0	-0.9
NLB	Nainaimo Lost L	1.16 308	iP	19 14 13.8	-0.8
WPB	Watts Point	1.20 340	iP	19 13 59.2	-1.1
WPB	Watts Point	1.20 340	iP	19 14 15.0	-0.9
PFB	Port Renfrew	1.23 273	iP	19 13 59.3	-1.3
PFB	Port Renfrew	1.23 273	iP	19 14 15.2	-1.3
GHNH	Nanoose	1.34 306	iP	19 14 01.1	-0.6
GHNH	Nanoose	1.34 306	iP	19 14 18.7	-1.0
SHB	Sechelt	1.37 322	iP	19 14 01.9	-0.5
SHB	Sechelt	1.37 322	iP	19 14 19.6	-0.9
NLWA	Neilton Lookou	1.42 218	ePN	19 14 02.5	-0.7

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
				h m s	ISC
MGB	Mount Grey	1.47 290	iP	19 14 03.4	-0.5
MGB	Mount Grey	1.47 290	iP	19 14 21.8	-1.4
NLB	Nelson Butte	1.57 106	P	19 14 05.5	+0.3
ETW	Entiat	1.77 120	ePN	19 14 08.2	+0.1
ETW	Entiat	1.77 120	ePN	19 14 30.5	-0.2
LOM	Longmire	1.85 163	ePN	19 14 17.9	-0.9
LOM	Longmire	1.85 163	ePN	19 14 31.7	-0.9
OD2	Odesa Site #2	2.84 112	ePN	19 14 17.9	-0.9
OD2	Odesa Site #2	2.84 112	ePN	19 14 42.2	-1.1
NEW	Newport	3.65 92	Pn	19 14 32.1	-1.8

ISCJB 01 19:23:46.6.1.0, 36.45'N-0.04-21.94E, 0.06, h10km, Error
 ellipse: s-maj=8.8km s-min=4.0km az=143.7
 CSEM 01 19:23:46.6.0.5, 36.47'N-21.93E, h2km, ML2.7/3, Error
 ellipse: s-maj=8.9km s-min=4.1km az=41.0
 ATH 01 19:23:46.8, 36.46'N-21.93E, h4km, MD3.0/7
 THE 01 19:23:48.9, 36.58'N-21.89E, h0km, 2km, ML2.7/3, Error
 ellipse: s-maj=3.8km s-min=1.0km az=243.0
 ISC 01 19:23:46.7.1.1, 36.47'N-0.05-21.90E, 0.07, h0km, 6km,
 n28, c0550/47, Southern Greece

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
				h m s	ISC
PYL	PYLOS	0.45 344	ePG	19 23 55.0	-0.3
PYL	PYLOS	0.45 344	ePG	19 24 02.1	+1.0
PYL	PYLOS	0.45 344	ePG	19 23 55.0	-0.3
PYL	PYLOS	0.45 344	ePG	19 24 02.1	+1.0
PYL	PYLOS	0.45 344	ePG	19 23 55.0	-0.3
PYL	PYLOS	0.45 344	ePG	19 24 02.1	+1.0
ITM	Ithomi	0.71 2	ePG	19 24 00.2	-0.2
ITM	Ithomi	0.71 2	ePG	19 24 10.6	+1.0
ITM	Ithomi	0.71 2	ePG	19 23 59.6	-0.8
ITM	Ithomi	0.71 2	ePG	19 24 10.6	+1.0
ITM	Ithomi	0.71 2	ePG	19 23 59.6	-0.8
ITM	Ithomi	0.71 2	ePG	19 24 00.2	-0.2
ITM	Ithomi	0.71 2	ePG	19 24 10.6	+1.0
ITM	Ithomi	0.71 2	ePG	19 24 00.2	-0.2
ITM	Ithomi	0.71 2	ePG	19 24 10.6	+1.0
VLI	Veliai	0.87 73	ePB	19 24 03.2	-0.3
VLI	Veliai	0.87 73	ePB	19 24 14.7	-0.1
VLI	Veliai	0.87 73	ePB	19 24 03.2	-0.3
VLI	Veliai	0.87 73	ePB	19 24 14.7	-0.1
KYTH	Kithira	0.94 101	ePG	19 24 03.4	-0.4
KYTH	Kithira	0.94 101	ePG	19 24 03.4	-0.4
VLX	Vlachokerasia	0.98 23	ePB	19 24 05.1	-0.4
VLX	Vlachokerasia	0.98 23	ePB	19 24 18.9	+0.6
DID	Didima	1.49 46	ePB	19 24 15.2	-0.1
DID	Didima	1.49 46	ePB	19 24 14.4	-0.4
DID	Didima	1.49 46	ePB	19 24 15.2	-0.1
DID	Didima	1.49 46	ePB	19 24 14.4	-0.4
GUR	Goura	1.51 13	ePB	19 24 15.1	-0.5
GUR	Goura	1.51 13	ePB	19 24 15.1	-0.5
LAKA	Lakka	1.77 2	P	19 24 18.7	+0.1
LAKA	Lakka	1.77 2	P	19 24 41.5	-0.3
LAKA	Lakka	1.77 2	P	19 24 18.7	+0.1
LAKA	Lakka	1.77 2	P	19 24 41.5	-0.3
LTK	Loutraki	1.77 28	P	1	

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RSH, AMAG, HNKL, DALT, SUZ, HKAT, etc.

MAN 01:56:20, 6:17N, 126:21E, h86km, mb4.7, ML3.6, MS3.5, IC, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MATI, DMPH, GSPH, BUKP, etc.

FUNV 01:20:05:51.7, 6:65N, 73:27W, h164km, MW3.7, ISCJB 01:20:05:52.8, 0.6, 6:80N, 0.05, 72:95W, 0.06, h172km, 6km, mb3.8/2, Error ellipse: s-maj=10.8km s-min=6.8km az=44.1

NEIC 01:20:05:53.8, 0.9, 6:72N, 72:88W, h171km, 9km, Error ellipse: s-maj=24.6km s-min=13.0km az=118.0, IDC 01:20:05:55.4, 2.7, 6:72N, 73:39W, h178km, 22km, mb3.5/2, mb1 3.6/3, mb1mx3.1/21, mbtmp3.5/3, MS2.8/1, Ms1 2.8/1, ms1mx2.4/22, Error ellipse: s-maj=86.1km s-min=28.4km az=99.0

ISC 01:20:05:53.8, 0.6, 6:78N, 0:05, 72:94W, 0:06, h165km, 6km, n25, +0:99/33, mb3.8/2, 3C-1D, Northern Colombia

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CAPV, ROSC, SOCV, WRA, BRTR, YKA, etc.

NEIC 01:20:28:37.2, 18:90N, 69:12W, h126km, MD3.8(RSPR), After RSPR

RSPR 01:20:28:37.2, 18:90N, 69:12W, h126km, 17km, 6C-5D, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCDR, AGPR, SDDR, AOPR, etc.

IDC 01:20:35:13.0, 1.2, 35:68N, 115:63E, h0km, mb3.8/8, mb1 3.9/9, mb1mx3.8/22, mbtmp3.8/9, ML2.2/1, Error ellipse: s-maj=44.5km s-min=24.6km az=52.0

NEIC 01:20:35:14.3, 1.0, 35:71N, 115:62E, h10km, mb3.9/2, Error ellipse: s-maj=20.6km s-min=14.8km az=87.0, BUJ 01:20:35:14.0, 35:77N, 115:35E, h14km, mb4.0/2, ML3.9/15, MS3.7/1, Ms3.7/4

MOS 01:20:35:15.7, 0.9, 35:68N, 115:46E, h33km, mb4.2/6, Error ellipse: s-maj=39.9km s-min=12.4km az=117.9, ISC 01:20:35:13.4, 0.9, 35:82N, 0:05, 115:50E, 0:04, h4km, 7km, n27, +1:09/36, mb3.8/9, Southeastern China

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TIA, BJT, NJ2, WHN, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WHN, XAN, XAN, XAN, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BTO, BTO, BTO, BTO, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GTA, GTA, GTA, GTA, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LSA, LSA, LSA, LSA, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BVAR, ARCES, WRA, WRA, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BRTR, BRTR, BRTR, BRTR, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NOA, NOA, NOA, NOA, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YKA, YKA, YKA, YKA, etc.

IDC 01:20:54:05.0, 6.0, 6:55S, 29:06W, h0km, mb4.0/1, mb1 4.0/1, mb1mx3.6/13, mbtmp4.0/1, Error ellipse: s-maj=287.3km s-min=69.2km az=85.0, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TORD, ZALV, SONM, SONM, etc.

DDA 01:20:55:41.9, 40:57N, 34:79E, h16km, 1km, Md2.9, ISCJB 01:20:55:42.5, 0.5, 40:62N, 0:02, 34:80E, 0:04, h9km, 3km, Error ellipse: s-maj=4.6km s-min=4.1km az=162.1

CSEM 01:20:55:42.5, 0.1, 40:61N, 34:81E, h8km, Md2.9, Error ellipse: s-maj=2.9km s-min=2.5km az=82.0, ISC 01:20:55:42.7, 0.5, 40:62N, 0:02, 34:82E, 0:04, h8km, 3km, n39, +0:71/58, Turkey

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

ISCJB 01:20:57:02.9, 0.6, 40:60N, 0:03, 34:79E, 0:04, h4km, 6km, Error ellipse: s-maj=5.3km s-min=4.5km az=0.3, ISK 01:20:57:02.7, 40:60N, 34:80E, h8km, Md2.7, CSEM 01:20:57:02.0, 1, 40:60N, 34:78E, h5km, Md2.7, Error ellipse: s-maj=2.6km s-min=2.4km az=66.0, DDA 01:20:57:03.0, 40:58N, 34:74E, h7km, 6km, Md2.6, ISC 01:20:57:03.4, 0.6, 40:60N, 0:03, 34:80E, 0:04, h5km, 7km, n32, +0:54/46, Turkey

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

IGQ 01:20:57:07.1, 3:00S, 80:49W, h43km, 13km, Mb4.8, Ms4.7, Error ellipse: s-maj=10.5km s-min=2.5km az=121.2, BUJ 01:20:57:08.7, 2:90S, 80:20W, h46km, mb4.9/3, MS5.3/3, Ms7.4/73

NEIC 01:20:57:09.8, 0.5, 2:87S, 80:24W, mb4.5/17, MD4.8(IGQ), Error ellipse: s-maj=17.2km s-min=9.0km az=57.0, NEIC Foot in the Guayana area

ISCJB 01:20:57:10.5, 0.7, 2:86S, 0:04, 80:36W, 0:05, h69km, 6km, mb4.3/27, Error ellipse: s-maj=8.4km s-min=5.9km az=154.2, IDC 01:20:57:10.6, 0.7, 2:58S, 79:82W, h45km, 7km, mb3.9/14, mb1 4.1/17, mb1mx4.0/27, mbtmp4.0/17, ML4.0/3, MS3.3/5, Ms1 3.4/5, ms1mx3.0/31, Error ellipse: s-maj=34.7km s-min=9.2km az=62.0

ISC 01:20:57:11.2, 0.7, 2:91S, 80:40W, 0:05, h59km, 7km, h45km, 1, 3km, pp-P, n108, +0:12/102, mb4.3/27, MS3.7/6, 29C-7D, Near coast of Ecuador

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHIS, CHIS, CHIS, CHIS, etc.

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

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

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

CASC 01 21:14:19.1±1.0, 11.066N:85°93'W, h62km, gkm, MD3.7, ML2.4, Nicaragua

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

ISC 01 21:41:12.8, 37°00'N:29°19'E, h9km, MD2.8

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

ISC 01 21:56:26.0±2.0, 6°52'S:153°57'E, h0km, mb3.9/6, mb1.4/1.6, mb1mx3.9/15, mbmtpp3.9/6, Error ellipse: s-maj=68.6km s-min=22.9km az=112.0

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

ISC 01 21:56:31.4±0.8, 6°53'S:153°42'E, h35km, mb4.1/3, Error ellipse: s-maj=22.5km s-min=10.2km az=107.0

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

ISC 01 21:56:31.7±1.1, 6°55'O:1°153'5'E:0°2, h33km, mb4.0/8, Error ellipse: s-maj=31.2km s-min=13.6km az=14.4

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

DDA 01 22:05:40.5, 40°58'N:34°78'E, h18km, 1km, Md3.0

ISCJB 01 22:05:40.0, 40°58'N:34°95'E, h2km, MD2.8

ISC 01 22:05:42.1±0.1, 40°59'N:34°79'E, h8km, MD3.0, Error ellipse: s-maj=3.7km s-min=2.4km az=94.0

ISC 01 22:05:42.0, 40°59'N:34°81'E, h0.06, h9km, gkm, n21, r1512/38, Turkey

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

NEIC 01 22:08:55.2, 40°42'N:125°48'W, h24km, ML3.5(NCEDC), After NCDCC

ISC 01 22:09:00.7±2.8, 40°47'N:124°53'W, h0km, mb3.4/2, mb1.3/7.4, mb1mx3.5/24, mbmtpp3.4/ML3.4/2, MS3.1/2, Ms1.3/0.2, ms1mx2.6/23, Error ellipse: s-maj=30.4km s-min=17.0km az=67.0

ISC 01 22:05:52.0±3.4, 40°30'N:107°125'7W, h0.3, h2km, g38km, n28, r139/31, mb3.4/2, MS3.0/2, Off coast of northern California

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

ISC 01 22:08:55.2, 40°42'N:125°48'W, h24km, ML3.5(NCEDC), After NCDCC

ISC 01 22:09:00.7±2.8, 40°47'N:124°53'W, h0km, mb3.4/2, mb1.3/7.4, mb1mx3.5/24, mbmtpp3.4/ML3.4/2, MS3.1/2, Ms1.3/0.2, ms1mx2.6/23, Error ellipse: s-maj=30.4km s-min=17.0km az=67.0

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

ISC 01 21:56:26.0±2.0, 6°52'S:153°57'E, h0km, mb3.9/6, mb1.4/1.6, mb1mx3.9/15, mbmtpp3.9/6, Error ellipse: s-maj=68.6km s-min=22.9km az=112.0

ISC 01 21:56:31.4±0.8, 6°53'S:153°42'E, h35km, mb4.1/3, Error ellipse: s-maj=22.5km s-min=10.2km az=107.0

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

ISC 01 21:56:31.7±1.1, 6°55'O:1°153'5'E:0°2, h33km, mb4.0/8, Error ellipse: s-maj=31.2km s-min=13.6km az=14.4

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

ISC 01 22:08:55.2, 40°42'N:125°48'W, h24km, ML3.5(NCEDC), After NCDCC

2008 APR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BYBT Boyabat, ILGAZ Ilgaz, KVT Kavak, YOZ Yozgat, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TALC Talca, CNCO Chanco, CACO Cobquecura, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AML Almayasu, EKSZ Erkin-Say, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSLP Maasin, TBP Tagbiliran, BUKP Musuan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CACH Canelo, CCHI Chilean, CCHI Chilean, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DDA 01 22:57:58.4, ISK 01 22:57:58.3, ISCJB 01 22:57:59.3, etc.

NEIC 01 22:36:56.2, 16.96N:100.56W, h5km, MD3.6(MEX), After MEX.

comp=N,1.1nm,0.6s,baz=316,slow=6.2,SNR=3.6

DDA 01 22:57:58.4, 37.06N:27.61E, h8km, 3km, Md2.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CAIG El Cayaco, ACX Acapulco, ZIG Zihuatanejo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHCH Chadas Angostu, TACH Talagante, ANTU Antumapu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BDRM Kayabasi, BDRM Kayabasi, BODT Bodrum, etc.

DDA 01 22:38:57.0, 40.51N:34.80E, h7km, 2km, Md3.0

comp=N,1.1nm,0.6s,baz=316,slow=6.2,SNR=3.6

BUI 01 23:08:58.7, 13.32N:125.70E, h23km, mb5.0/35, mb4.7/46

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CTKT Corum, CORM Corum, TOS Tosya, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FCH Farellones, CFAA Paso Flores, PLCA Paso Flores, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MOS 01 23:09:03.0, GCMT 01 23:09:02.0, T 4.2830, etc.

NEIC 01 22:42:08.2, 15.76N:94.53W, h25km, 23km, MD4.0(MEX), After MEX.

comp=N,1.1nm,0.6s,baz=316,slow=6.2,SNR=3.6

DJA 01 23:09:19.13, 57N:125.72E, h181km, mb4.8/15

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PCIG Matias Romero, CMIG Matias Romero, HUIG Huatulco, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TEIG Tepich, Vnda Vanda, BBSR Bb Station, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PVCP Virac, CBNP Catamaran, BNSP Borongan, etc.

ISCJB 01 22:48:04.0, 3.35:15S:0.03:71.78W, 0.06, h68km, 3km, mb4.0/13, Error ellipse: s-maj=9.1km s-min=3.7km az=24.6

comp=N,1.1nm,0.6s,baz=316,slow=6.2,SNR=3.6

JOW Kunigami 13.43 11 Pn Pn 23 12 12.2 -0.7

JOW	Kunigami	13.43	11	Pn	Pn	23 12 12.2 -0.7
JOW				Sn	Sn	23 14 34.3 -7.0
JOW				Lr	Lr	23 17 08.1
QIZ	Qiongzhong	15.98	292	P	P	23 12 46.3 -0.9
QIZ				S	S	23 15 44.3 +0.7
QIZ	comp=Z,19nm,1.7s			pmx	pmx	
QIZ	comp=E,740nm,17.3s			Lr	Lr	
QIZ	comp=Z,1µm,18.2s			Lr	Lr	
SDUI	Sibu	17.18	231	P	Pn	23 13 06.0 +3.6
KBUI	Kendari	17.66	190J	eP	Pn	23 13 10.5 +2.1
KDI				eS	Sn	23 16 19.9 -4.6
SSE	Sheshan	17.88	348	eP	Sn	23 13 12.0 +1.1
SSE				sP	sP	23 16 15.6 -5.6
SSE				sS	Sn	23 16 32.8 +3.4
SSE				sS	sS	23 16 43.5 -3.8
SSE	comp=Z,32nm,0.9s			pmx	pmx	
SSE	comp=Z,260nm,5.1s			Lr	Lr	
SSE	comp=N,330nm,18.3s			Lr	Lr	
SSE	comp=E,960nm,18.3s			Lr	Lr	
SSE	comp=Z,580nm,16.2s			Lr	Lr	
GUMO	Guam	18.82	88	Lr	Lr	23 18 57.6
KSM	Kuching	19.27	233	P	Pn	23 13 24.4 -3.6
KSM	Kuching	19.27	233	eP	Pn	23 13 26.1 -1.8
NJ2	Nanjing	19.37	343	eP	Pn	23 13 29.5 +0.6
NJ2				sP	sP	23 13 33.6 -1.7
NJ2				sP	sP	23 13 35.5 -3.4
NJ2				PP	PP	23 13 46.2
NJ2	comp=Z,20nm,0.8s			pmx	pmx	
NJ2	comp=Z,60nm,3.8s			pmx	pmx	
WHN	Wuhan	19.77	330	P	Pn	23 13 35.3 +1.5
WHN				S	Sn	23 17 16.7 +1.5
WHN	comp=N,1µm,15.7s			Lr	Lr	
WHN	comp=E,2µm,17.4s			Lr	Lr	
WHN	comp=Z,2µm,15.6s			Lr	Lr	
CBJH	Chichi jima	20.58	47	Lr	Lr	23 20 29.0
GVA	Guiyang	21.82	309	P	P	23 13 55.4 +1.1
GVA				PP	PP	23 14 20.6
GVA				S	S	23 17 51.2 -3.0
GVA				SS	SS	23 18 28.0
GVA				ScP	ScP	23 21 31.7 +2.4
GVA	comp=Z,20nm,0.8s,mb4.6			pmx	pmx	
GVA	comp=Z,130nm,4.9s			pmx	pmx	
GVA	comp=N,1µm,17.5s,MS4.6			Lr	Lr	
GVA	comp=E,1µm,18.0s,MS4.6			Lr	Lr	
GVA	comp=Z,1µm,19.7s,MS4.4			Lr	Lr	
JHJ	Hachijo jima 2	23.39	31	Lr	Lr	23 22 52.0
KMI	Kunming	24.32	302	P	P	23 14 20.4 +0.8
KMI				pP	pP	23 14 29.8
KMI				sP	sP	23 14 34.1 +2.9
KMI				PP	PP	23 14 55.9
KMI				PcP	PcP	23 18 01.1 +2.0
KMI				S	S	23 18 33.6 -3.6
KMI				sS	sS	23 18 50.3 -0.3
KMI				SS	SS	23 19 27.9
KMI				ScP	ScP	23 21 35.4 -0.6
KMI				PcS	PcS	23 21 39.4 +0.3
KMI	comp=Z,4.0nm,1.2s,mb3.7			pmx	pmx	
KMI	comp=Z,55nm,6.1s			pmx	pmx	
KMI	comp=N,320nm,14.1s,MS4.2			Lr	Lr	
KMI	comp=E,440nm,16.1s,MS4.2			Lr	Lr	
KMI	comp=Z,620nm,15.5s,MS4.2			Lr	Lr	
XAN	Xi'an	25.32	326	P	P	23 14 27.0 -1.6
XAN				pP	pP	23 14 36.9 +0.1
XAN				sP	sP	23 14 41.9 +1.6
XAN				PP	PP	23 15 13.2
XAN				S	S	23 18 58.7 +5.5
XAN	comp=Z,3.0nm,0.7s,mb3.9			pmx	pmx	
XAN	comp=Z,21nm,5.2s			Lr	Lr	
XAN	comp=N,360nm,17.0s,MS4.0			Lr	Lr	
XAN	comp=E,85nm,14.9s,MS4.0			Lr	Lr	
XAN	comp=Z,150nm,19.5s,MS3.5			Lr	Lr	
MAJO	Matsushiro	25.54	24	P	P	23 14 30.5 0.0
MJAR	Matsushiro Arr	25.54	24	P	P	23 14 27.6 -2.9
MJAR	comp=Z,1.0nm,0.5s			pmx	pmx	
MJAR	comp=Z,237nm,18.6s			MLR	MLR	
MJAR	Matsushiro Arr	25.54	24	P	P	23 14 27.6 -2.9
MJAR	comp=Z,0.9nm,0.5s,baz=191,slow=9.7,SNR=3.4			Lr	Lr	23 23 25.3
KULM	Kulim	25.85	254	eP	P	23 14 33.0 -0.7
CHTO	Chiang Mai	26.02	285	eP	P	23 14 34.2 -1.0
CHTO				pmx	pmx	
CHTO	Chiang Mai	26.02	285	eP	P	23 14 34.2 -0.9
CD2	Chengdu	26.42	314	P	P	23 14 38.6 0.0
CD2				pP	pP	23 14 43.8 -3.0
CD2				sP	sP	23 14 46.1 -4.1
CD2				PP	PP	23 15 21.9
CD2				PcP	PcP	23 18 04.2 +0.5
CD2				S	S	23 19 07.7 -2.9
CD2				sS	sS	23 19 21.3 -2.8
CD2				PcS	PcS	23 21 44.0 -0.9
CD2	comp=Z,20nm,0.8s,mb4.7			pmx	pmx	
CD2	comp=Z,80nm,5.6s			Lr	Lr	
CD2	comp=N,710nm,15.6s,MS4.5			Lr	Lr	
CD2	comp=E,590nm,14.3s,MS4.5			Lr	Lr	
CD2	comp=Z,590nm,17.8s,MS4.2			Lr	Lr	
KAKA	Kakadu	27.02	165	eP	P	23 14 43.3 -0.8
KAKA	comp=Z,21nm,0.6s,mb4.6			pmx	pmx	
KAKA	Kakadu	27.02	165	eP	P	23 14 43.3 -0.6
KAKA	comp=Z,60nm,0.6s,mb5.3			ePcP	PcP	23 18 05.7 +0.3
BJI	Beijing	27.60	344	P	P	23 14 50.2 +1.1
BJI				pP	pP	23 14 53.3 -4.0
BJI				S	S	23 19 33.0 +4.0
BJI	comp=Z,11nm,0.6s,mb4.7			pmx	pmx	
BJI	comp=Z,130nm,4.5s			Lr	Lr	
BJI	comp=N,330nm,17.6s			Lr	Lr	
BJI	comp=E,450nm,11.1s			Lr	Lr	
BJI	comp=Z,21nm,0.7s,mb5.4			Lr	Lr	
PSI	Prapat	28.38	250	P	P	23 14 57.3 +0.9
PSI				pmx	pmx	23 18 08.7
PSI	comp=Z,4.0nm,0.4s,mb4.4			pmx	pmx	
PSI	comp=Z,3.0nm,0.4s,mb4.3			MLR	MLR	
PSI	comp=Z,219nm,20.0s,MS3.8			MLR	MLR	

PSI	Prapat	28.38	250	P	P	23 14 57.2 +0.9
PSI	comp=Z,4.4nm,0.4s,mb4.5,baz=353,slow=15,SNR=6.4			PcP	PcP	23 18 08.7 -0.1
PSI	comp=Z,2.8nm,0.3s,baz=100,slow=7.5,SNR=4.5			Lr	Lr	23 26 33.8
PSI	comp=Z,219nm,19.9s,MS3.8,baz=243,slow=37			Lr	Lr	
LZH	Lanzhou	29.67	323	eP	P	23 15 09.4 +1.8
LZH				pP	pP	23 15 13.7 -2.1
LZH				sP	sP	23 15 16.3 -3.0
LZH				PP	PP	23 16 11.1 -3.8
LZH				PcP	PcP	23 18 13.1 +1.5
LZH				eS	S	23 20 01.8 +0.1
LZH	comp=Z,16nm,1.0s,mb4.7			pmx	pmx	
LZH	comp=Z,100nm,4.3s			Lr	Lr	
LZH	comp=N,730nm,12.1s			Lr	Lr	
LZH	comp=Z,910nm,14.9s,MS4.5			Lr	Lr	
HHC	Hu-ho-hao-te	29.77	338	eP	P	23 15 10.5 +2.1
HHC				sP	sP	23 15 17.3 -2.8
HHC				PP	PP	23 16 08.4 -7.5
HHC				PcP	PcP	23 18 13.3 +1.6
HHC				S	S	23 20 06.3 +3.2
HHC				sS	sS	23 20 13.4 -3.3
HHC				SS	SS	23 21 41.4 -2.9
HHC	comp=Z,9.0nm,0.8s,mb4.5			pmx	pmx	
HHC	comp=Z,74nm,5.0s			Lr	Lr	
HHC	comp=N,380nm,14.3s,MS4.3			Lr	Lr	
HHC	comp=E,270nm,11.3s,MS4.3			Lr	Lr	
HHC	comp=Z,260nm,15.5s,MS4.0			Lr	Lr	
CH2	Changchun	30.11	360	eP	P	23 15 11.3 -0.1
CH2				pP	pP	23 15 20.8 +1.2
CH2				eS	S	23 20 13.3 +5.0
CH2	comp=Z,10.0nm,0.6s,mb4.7			pmx	pmx	
CH2	comp=Z,200nm,4.0s			Lr	Lr	
CH2	comp=N,500nm,18.0s,MS4.3			Lr	Lr	
CH2	comp=E,300nm,18.0s,MS4.3			Lr	Lr	
CH2	comp=Z,200nm,20.0s,MS3.8			Lr	Lr	
MDJ	Mudanjiang	31.12	6	P	P	23 15 20.9 +0.6
MDJ				pP	pP	23 15 23.9 -4.6
MDJ				sP	sP	23 20 27.7 +3.6
MDJ				ScP	ScP	23 21 58.5 +2.2
MDJ				PcS	PcS	23 21 59.8 +0.7
MDJ	comp=Z,11nm,1.2s,mb4.6			Lr	Lr	
MDJ	comp=N,170nm,33.3s,MS3.5			Lr	Lr	
FITZ	Fitzroy Crossi	31.49	180	eP	P	23 15 23.1 -0.6
FITZ	comp=E,16nm,0.6s,mb4.0			P	P	23 15 23.0 -0.8
FITZ	Fitzroy Crossi	31.49	180	eP	P	23 15 23.0 -0.8
FITZ	comp=E,16nm,0.9s,mb4.9			ePcP	PcP	23 18 16.8 +0.2
FITZ	comp=E,75nm,0.8s,mb5.6			eP	P	23 15 32.0 -0.5
COEN	Coen	32.48	147	eP	P	23 18 22.4 +3.0
SHL	Shillong	33.75	296	eP	P	23 15 45.0 +1.4
SHL				x	x	23 18 26.0
GTA	Gaotai	34.27	323	eP	P	23 15 48.5 +0.6
GTA				pP	pP	23 15 59.1 +2.9
GTA				sP	sP	23 18 02.7 +3.3
GTA				PcP	PcP	23 18 24.9 +0.9
GTA				S	S	23 21 12.9 -0.4
GTA				sS	sS	23 21 29.0 +2.1
GTA				ScP	ScP	23 22 05.2 -2.1
GTA				SS	SS	23 23 21.7 -2.1
GTA	comp=Z,4.0nm,1.1s,mb4.3			pmx	pmx	
GTA	comp=Z,57nm,5.7s			Lr	Lr	
GTA	comp=N,310nm,15.8s,MS4.3			Lr	Lr	
GTA	comp=E,270nm,16.3s,MS4.3			Lr	Lr	
GTA	comp=Z,340nm,18.7s,MS4.1			Lr	Lr	
WRAB	Tennant Creek	34.42	165	eP	P	23 15 48.2 -1.2
WRAB	Tennant Creek	34.42	165	eP	P	23 15 47.8 -1.6
WRA	Warramunga Arr	34.43	165	P	P	23 15 48.1 -1.4
WRA				S	S	23 18 24.4
WRA				S	S	23 21 21.0 +4.9
WRA	comp=Z,9.0nm,0.8s			pmx	pmx	
WRA	comp=Z,6.0nm,0.8s			pmx	pmx	
WRA	comp=N,1.0nm,0.8s			smx	smx	
WRA	Warramunga Arr	34.43	165	P	P	23 15 48.1 -1.4
WRA	comp=N,6.8nm,0.6s,mb4.7,baz=345,slow=9.4,SNR=33			PcP	PcP	23 18 24.4 -0.3
WRA	comp=N,6.0nm,0.8s,baz=339,slow=3.2,SNR=11			S	S	23 21 21.0 +5.0
WRA	comp=N,0.8nm,0.8s,baz=337,slow=15.1,SNR=4.9			P	P	23 15 52.4 -1.9
MBWA	Marble Bar	34.99	189	eP	P	23 18 25.8 -0.6
MBWA				ePcP	PcP	23 16 01.0 +1.7
LSA	Lhasa	35.57	302	P	P	23 16 00.6 +1.3
LSA				e	e	23 18 29.8
LSA				pmx	pmx	
LSA	Lhasa	35.57	302	eP	P	23 16 00.6 +1.4
LSA	comp=Z,11nm,0.9s,mb4.8			ePcP	PcP	23 18 29.8 +1.8
HIA	Hailar	35.89	354	eP	P	23 16 01.9 +0.1
HIA				pmx	pmx	
HIA	Hailar	35.89	354	eP	P	23 16 01.9 +0.2
HIA	comp=Z,9.0nm,0.8s			pmx	pmx	
KLR	Kul'dur	35.91	7	eP	P	23 15 58.0 -3.9
KLR				e	e	23 16 10.0
KLR	comp=Z,57nm,1.6s,mb5.2			MLR	MLR	
YSS	Yuzh-Sakhalins	36.27	20	eP	P	23 16 05.2 +0.2
ULN	Ulanbatar	37.47	339	eP	P	23 16 15.8 +0.6
ULN	Ulanbatar	37.47	339	eP	P	23 16 15.0 +0.8
ULN	comp=E,22nm,0.9s,mb5.0			P	P	23 16 17.1 +0.2
SOMM	Songino Array	37.67	339	P	P	23 18 33.8
SOMM				pmx	pmx	
SOMM	comp=Z,16nm,1.0s	</				

Table with columns: ZALV, ZALV, ZKZA, etc. and rows listing various stations and their coordinates and times.

Table with columns: VRHR, MCK, KLMM, etc. and rows listing various stations and their coordinates and times.

Table with columns: WALA, NVAR, NVAR, etc. and rows listing various stations and their coordinates and times.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Rows include KAMT, BBAL, BBAL, LODum, LODum, SAFT, SAFT, AVNT, AVNT, AVNT, BNN, BNN, SARI, SARI, SULT, SULT, KDHN, KDHN.

BJI 01 23:55:28.4, 45.03N, 130.30W, h10km, mb4.9/3, mb4.7/2, Ms4.9/2, Ms7.4/2

NEIC 01 23:55:29.8, 0.9, 44.38N, 130.43W, h10km, mb4.2/2, Error ellipse: s-maj=11.1km s-min=5.8km az=79.0

ISC/JB 01 23:55:31.2, 0.8, 44.44N, 0.02, 129.98W, h10km, mb3.8/7, MS3.4/5, Error ellipse: s-maj=8.8km s-min=3.3km az=8.5

IDC 01 23:55:34.0, 1.3, 44.05N, 129.50W, h0km, mb3.7/7, mb1.3/9.0, mb1mx3.8/25, mbtmp3.6/10, ML3.5/3, MS3.3/6, Ms1.3/3/6, ms1mx3.0/43, Error ellipse: s-maj=3.8km s-min=1.6km az=38.0

ISC 01 23:55:31.0, 0.7, 44.40N, 0.02, 130.28W, h0km, h10km, n301, c0683/302, mb3.8/7, MS3.4/5, 130C-85D, Off coast of Oregon

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Rows include F03A, F03A, COR, E03A, NLWA, NLWA, NLWA, GOW, G04A, HUMO, HUMO, OBC, F04A, F04A, H04A, H04A, GNW, YBH, YBH, HOOD, HOOD, PGC, PGC, LON, D05A, D05A, E06A, E06A, JCW, H06A, D06A, D06A, MBW, A05A, RPW, TBM, B06A, C06A, J06A, ETW, A06A, H07A, H07A, RSW, HAWA, HAWA, C07A, BBB, G08A, B07A, H08A, D08A, C08A, N06A, OD2, BEKR, D09A, E09A, A08A, F09A, G09A, C09A, J09A, M08A, A09A, BMO, K09A, B09A, F10A, PAHR, G10A, D10A, H10A, CMB, K10A, NEW, G11A.

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Rows include F11A, E11A, D11A, H11A, I11A, L10A, BMN, K11A, MFID, A11A, G12A, F12A, D12A, NVAR, L11A, I12A, H12A, J12A, BSMT, P12A, F13A, D13A, C13A, G13A, H13A, HLD, E13A, I13A, O11A, J13A, ELK, MSO, SWMT, N12A, Q10A, A13A, K13A, C14A, E14A, G14A, D14A, SLMT, H14A, I14A, J14A, WALA, CHMT, Q11A, MCMT, MCMT, A14A, K14A, H15A, F15A, G15A, D15A, C15A, B15A, A15A, J15A, K15A, G16A, R12A, BOZ, BOZ, F16A, U15A, L10A, Q13A, D16A, M15A, B16A, QLMT, T11A, S12A, I16A, J16A, H16A, A16A, K16A, P14A, RR12, R13A, GSC, GSC, E17A, Q14A, IMW, F17A.

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Rows include C17A, D17A, L16A, TPAW, HWUT, B17A, REDW, DLBC, H17A, S13A, J17A, I17A, A17A, LOHW, V11A, P15A, ARUT, HEC, T13A, E18A, CCUT, F18A, GCMT, V12A, EGMT, EGMT, M17A, J18A, B18A, N17A, G18A, I18A, U13A, MSU, T14A, RLMT, RLMT, L18A, V13A, BW06, PDAR, U14A, Q16A, R16A, L19A, T15A, IRM, N18A, P18A, W13A, SRU, BC3, MONP, V14A, U15A, R17A, Q18A, X13A, W14A, S17A, L20A, V15A, R18A, M20A, T17A, P19A, N20A, W15A, Q19A, X14A, S18A, O20A, L21A, R19A, Y14A, M21A, T18A, X15A, Z13A, W16A, N21A, S19A, V17A, Q20A, Y15A, O21A.

MAJO	Matsushiro	46.30 340	eP	P	00 34 11.2 +0.4
MAT	Matsushiro	46.30 340	P	P	00 34 13.7 +2.9
QIZ	Qiongzhang	52.12 301	eP	P	00 40 44.4 -6.6
QIZ			pP	pP	00 34 55.1 -0.3
QIZ			pP	pP	00 36 16.1 +1.1
QIZ			pP	pP	00 35 27.4 -0.7
QIZ			pP	pP	00 36 54.2 -0.5
QIZ			sS	sS	00 42 12.4 -0.5
QIZ			sS	sS	00 42 50.7 -0.7
QIZ	comp=Z,12nm,1.2s,mb4.8		LR	LR	
NJ2	Nanjing	52.39 320	eP	P	00 34 56.3 -0.9
NJ2			eP	P	
PPT	Papeete	54.25 107	eS	S	00 42 52.6 +1.1
PPT			eLQ		00 48 35.5
PPT	comp=Z,510nm,25.8s		eLR	LR	00 51 11.0
PPT	comp=Z,324nm,23.0s		eLR	LR	00 51 11.0
PPT	Papeete	54.25 107	LR	LR	00 54 26.1
PPT	comp=Z,256nm,18.5s,baz=215,slow=32		P	P	00 35 15.8 +0.5
YSS	Yuzh-Sakhalins	54.91 349	eP	P	00 35 15.8 +0.5
YSS			eP	P	
YSS	comp=Z,13nm,0.5s,mb5.2		eP	P	00 35 15.8 +0.5
YSS	Yuzh-Sakhalins	54.91 349	eP	P	00 35 15.8 +0.5
YSS	comp=Z,13nm,0.5s,mb5.2		eP	P	00 35 15.8 +0.5
KULM	Kulim	56.36 281	eP	P	00 35 25.5 -0.9
KULM			eP	P	
KULM	comp=Z,15nm,0.8s,mb5.1		P	P	00 35 26.8 +0.1
MDJ	Mudanjiang	56.50 338	P	P	00 35 26.8 +0.1
MDJ			pP	pP	00 35 48.9 -0.5
MDJ			sP	sP	00 35 59.2 -0.5
MDJ			S	S	00 43 10.9 -0.1
MDJ	comp=Z,7.0nm,1.3s,mb4.5		pmx	pmx	
MDJ	comp=Z,130nm,5.5s		LR	LR	
MDJ	comp=N,73nm,42.5s		LR	LR	
MDJ	comp=E,97nm,42.5s		LR	LR	
MDJ	comp=Z,150nm,30.4s		LR	LR	
CN2	Changchun	57.49 334	eP	P	00 35 36.2 +2.5
CN2			eP	P	00 36 03.0 +6.4
CN2			eS	S	00 36 14.5 +7.7
CN2			S	S	00 43 24.8 +0.7
CN2	comp=Z,10.0nm,0.5s,mb5.1		pmx	pmx	
CN2	comp=Z,200nm,5.0s		LR	LR	
CN2	comp=N,400nm,11.0s		LR	LR	
CN2	comp=E,300nm,11.0s		LR	LR	
CN2	comp=Z,200nm,20.0s		LR	LR	
GYA	Guiyang	58.06 307	iP	P	00 35 40.0 +1.9
GYA			pP	pP	00 36 02.8 +1.9
GYA			sP	sP	00 36 14.2 +3.1
GYA			pP	pP	00 36 30.9 +1.9
GYA			pP	pP	00 37 52.3 +4.6
GYA			sP	sP	00 40 20.6 -0.4
GYA			pP	pP	00 40 31.4 +0.8
GYA			sS	sS	00 43 17.7 -0.4
GYA			sS	sS	00 47 27.3 +2.2
GYA	comp=Z,2.0nm,1.0s,mb5.1		pmx	pmx	
GYA	comp=Z,120nm,5.3s		LR	LR	
GYA	comp=N,880nm,19.5s		LR	LR	
GYA	comp=E,630nm,18.0s		LR	LR	
GYA	comp=Z,890nm,19.7s		LR	LR	
BJI	Beijing	59.33 325	P	P	00 35 47.3 +0.7
BJI			pP	pP	00 36 08.9 -0.7
BJI			sP	sP	00 36 19.9 +0.2
BJI			S	S	00 43 46.8 -1.4
BJI			sS	sS	00 44 29.0 +1.6
BJI	comp=Z,10.0nm,0.6s,mb5.0		pmx	pmx	
BJI	comp=Z,67nm,3.5s		LR	LR	
BJI	comp=N,200nm,10.1s		LR	LR	
BJI	comp=E,230nm,15.0s		LR	LR	
BJI	comp=Z,240nm,22.4s		LR	LR	
KLR	Kul'dur	59.77 342	eP	P	00 35 45.0 -4.4
KLR			eP	P	
PETK	Petrovsk	59.85 1	P	P	00 35 50.5 +0.5
PETK			LR	LR	00 57 33.9
PETK	comp=Z,233nm,21.8s,baz=186,slow=32		P	P	00 35 55.5 +2.6
XAN	Xi'an	60.23 316	P	P	00 36 21.3 +5.4
XAN			sP	sP	00 36 33.7 +7.7
XAN	comp=Z,2.0nm,0.7s,mb4.3		pmx	pmx	
XAN	comp=Z,20nm,5.4s		pmx	pmx	
KMI	Kunming	60.65 304	P	P	00 35 58.1 +2.2
KMI			pP	pP	00 36 26.1 +7.2
KMI			sP	sP	00 36 46.2 +5.4
KMI			pP	pP	00 38 13.5 +2.8
KMI			S	S	00 44 03.8 -1.8
KMI			sS	sS	00 48 05.6 -0.2
KMI	comp=Z,7.0nm,0.7s,mb4.8		LR	LR	
KMI	comp=N,140nm,12.3s		LR	LR	
KMI	comp=E,210nm,19.0s		LR	LR	
KMI	comp=Z,260nm,22.1s		LR	LR	
CHTO	Chiang Mai	61.59 296	eP	P	00 36 02.9 +0.5
CHTO			eP	P	
CHTO	comp=Z,31nm,1.9s,mb5.0		pmx	pmx	
CHTO	Chiang Mai	61.59 296	eP	P	00 36 02.9 +0.5
CHTO	comp=Z,31nm,1.9s,mb5.0		pmx	pmx	
CD2	Chengdu	62.39 310	eP	P	00 36 08.5 +0.9
CD2			pP	pP	00 36 32.7 +2.0
CD2			sP	sP	00 36 46.2 +5.4
CD2			pP	pP	00 38 29.0 +3.0
CD2			pP	pP	00 40 48.5 -1.2
CD2			S	S	00 44 27.5 -2.7
CD2			sS	sS	00 45 07.9 +1.0
CD2			sS	sS	00 45 45.8 -5.8
CD2			sS	sS	00 48 32.2 -0.7
CD2	comp=Z,10.0nm,1.2s,mb4.7		pmx	pmx	
CD2	comp=Z,40nm,5.6s		LR	LR	
CD2	comp=N,400nm,25.0s		LR	LR	
CD2	comp=E,380nm,25.0s		LR	LR	
CD2	comp=Z,310nm,21.4s		LR	LR	
HHC	Hu-ho-hao-te	62.53 323	eP	P	00 36 09.2 +0.9
HHC			pP	pP	00 36 34.2 +2.8
HHC			sP	sP	00 36 44.9 +3.4
HHC			pP	pP	00 38 30.7 +3.7
HHC			S	S	00 44 27.5 -1.3
HHC			sS	sS	00 45 08.0 -3.8
HHC			sS	sS	00 45 48.4 -0.3
HHC			sS	sS	00 48 34.9 +0.2
HHC	comp=Z,13nm,0.6s,mb5.0		pmx	pmx	
HHC	comp=Z,78nm,4.8s		LR	LR	
HHC	comp=N,140nm,20.8s		LR	LR	
HHC	comp=E,240nm,19.0s		LR	LR	
HHC	comp=Z,220nm,18.4s		LR	LR	

TAOE	Nuku Hiva Isla	63.42 96	eLR	LR	00 55 12.5
HIA	Hailar	64.22 335	P	P	00 36 18.4 -0.8
LZH	Lanzhou	64.84 315	eP	P	00 36 22.5 -1.1
LZH			pP	pP	00 36 48.0 +1.2
LZH			sP	sP	00 36 59.3 +2.4
LZH	comp=Z,30nm,1.4s,mb4.9		pmx	pmx	
LZH	comp=Z,130nm,4.0s		pmx	pmx	
GTA	Gaotai	69.25 317	eP	P	00 36 52.7 +1.3
GTA			PcP	PcP	00 37 15.5 +0.9
GTA			pP	pP	00 37 19.5 +4.6
GTA			pP	pP	00 39 30.8 +5.1
GTA			S	S	00 45 54.3 +3.7
GTA	comp=Z,4.0nm,1.2s,mb4.1		pmx	pmx	
GTA	comp=Z,83nm,5.6s		LR	LR	
GTA	comp=N,120nm,17.5s		LR	LR	
GTA	comp=E,170nm,18.7s		LR	LR	
GTA	comp=Z,250nm,26.2s		LR	LR	
ULN	Ulanbator	69.39 327	eP	P	00 36 53.1 +1.0
ULN			eP	P	
ULN	comp=Z,33nm,1.4s,mb5.0		eP	P	00 36 53.1 +1.0
ULN	Ulanbator	69.39 327	eP	P	00 36 53.1 +1.0
ULN	comp=Z,33nm,1.4s,mb5.0		eP	P	00 36 53.1 +1.0
SOMN	Songio Array	69.73 327	P	P	00 36 54.5 +0.3
SOMN			LR	LR	01 07 16.4
SOMN	comp=Z,14nm,0.7s,mb4.9,baz=131,slow=5.5,SNR=49		LR	LR	
SEY	Seymchan	69.73 358	eP	P	00 36 54.0 +0.1
SEY			P	P	00 36 59.0 -0.1
SEY	comp=Z,3.9nm,0.9s,mb4.2,baz=353,slow=9.0,SNR=9.3		LR	LR	01 02 24.3
VNDA	Scott Base	71.09 178	eP	P	00 37 03.6 +1.5
SBA	Scott Base	71.09 178	eP	P	00 37 03.6 +1.5
SBA			pmx	pmx	
SBA	comp=Z,60nm,1.8s,mb5.1		eP	P	00 37 03.6 +1.5
SBA	comp=Z,190nm,18.0s,baz=258,slow=34		P	P	00 37 05.1 -0.7
YAK	Yakutsk	71.69 347	eP	P	00 37 08.3 +0.5
LSA	Lhasa	71.90 304	P	P	00 37 12.7 -0.2
BOD	Bodaibo	72.87 338	eP	P	00 37 12.7 -0.2
BOD			pmx	pmx	
ZAK	Zakamensk	72.88 328	eP	P	00 37 13.4 +0.3
ZAK			pmx	pmx	
TAPN	Paplejung	74.05 301	eP	P	00 37 20.6 0.0
ODAN	Odare	74.19 300	eP	P	00 37 21.5 +0.1
GAMB	Gambell	74.68 14	eP	P	00 37 23.7 +0.4
RAMY	Ramsey	74.79 328	eP	P	00 37 25.8 +1.5
MOYN	Moynihan	74.89 300	eP	P	00 37 25.4 0.0
BILL	Bilibino	75.18 4	iP	P	00 37 26.3 +0.1
BILL			pmx	pmx	
BILL	comp=Z,33nm,1.3s,mb4.9		eP	P	00 37 26.2 0.0
JIRN	Jiri	75.44 301	eP	P	00 37 28.6 +0.1
GUM	Gumba	75.77 301	eP	P	00 37 30.8 +0.4
GUM	comp=Z,14nm,0.6s,mb4.9		P	P	00 37 31.9 -0.3
PKI	Pulchoki	76.08 301	eP	P	00 37 33.2 +1.0
PKI			pmx	pmx	
PKI	comp=Z,13nm,0.7s,mb4.8		eP	P	00 37 33.2 +1.0
PKI	Pulchoki	76.08 301	eP	P	00 37 33.2 +1.0
PKI	comp=Z,13nm,0.7s,mb4.8		eP	P	00 37 33.2 +1.0
PKI	Pulchoki	76.08 301	eP	P	00 37 33.2 +1.0
PKI	comp=Z,13nm,0.7s,mb4.8		eP	P	00 37 33.2 +1.0
PAK	Pallekete	76.21 279	P	P	00 37 32.9 -0.3
KKN	Kakani	76.25 301	eP	P	00 37 33.8 +0.6
DMN	Daman	76.35 300	eP	P	00 37 34.0 +0.3
KDAD	Kodiak Island	76.79 26	LR	LR	01 07 48.2
GKN	Gorkha	76.85 301	eP	P	00 37 36.2 -0.4
KOLD	Koldanda	77.68 300	eP	P	00 37 41.0 -0.2
DANN	Dangsing	77.69 301	eP	P	00 37 41.1 -0.1
WMQ	Urumqi	79.33 317	eP	P	00 37 50.0 +0.1
WMQ			pmx	pmx	
HYB	Hyderabad	80.00 289	iP	P	00 37 52.0 -2.1
TIXI	Tiksi	80.43 352	eP	P	00 37 53.0 -2.2
TIXI			pmx	pmx	
TRF	Thorofare Moun	81.07 22	eP	P	00 37 57.6 -1.1
MCK	McKinley	81.73 22	eP	P	00 38 01.1 -1.1
MCK			pmx	pmx	
MCK	comp=Z,15nm,1.0s,mb4.8		eP	P	00 38 01.1 -1.2
COLA	College	82.76 21	eP	P	00 38 06.4 -1.2
COLA	College	82.76 21	eP	P	00 38 05.8 -1.8
QSPA	South Pole Qui	83.02 180	LR	LR	01 08 17.4
COLD	Coldfoot	84.98 318	eP	P	00 38 10.4 -0.1
CMK1	Makanchi Array	83.90 319	eP	P	00 38 14.1 +0.2
CMK1	Makanchi Array	83.90 319	eP	P	00 38 13.3 -0.6
CMK1	comp=Z,4.6nm,0.7s,mb4.4,baz=97,slow=6.7,SNR=45		LR	LR	01 16 34.5
CMK1	comp=Z,58nm,18.2s,baz=268,slow=36		P	P	00 38 14.7 -0.8
ZAD	Karad	84.10 288	eP	P	00 38 15.9 -1.3
ZAD	Zalesovo Array	84.59 326	eP	P	00 38 16.4 -0.8
ZALV	Zalesovo Beam	84.59 326	eP	P	00 38 16.4 -0.8
ZALV	comp=Z,2.8nm,0.5s,mb4.5,baz=115,slow=5.2,SNR=20		LR	LR	01 16 30.7
POO	Poona	84.60 289	eP	P	00 38 10.5
MAW	Mawson	84.74 203	eP	P	00 38 17.4 -0.4
MAW			pmx	pmx	
MAW	comp=Z,4.0nm,1.0s		pmx	pmx	
MAW	Mawson	84.74 203	eP	P	00 38 17.0 -0.8
MAW	comp=Z,8.9nm,0.7s,mb4.8,baz=96,slow=7.8,SNR=6.0		LR	LR	01 09 36.1
MAW	comp=Z,177nm,22.0s,baz=10,slow=31		P	P	00 38 17.4 -0.3
MAW	Mawson	84.74 203	eP	P	00 38 20.4 +1.4
HYT	Haines Junctio	85.18 27	eP	P	00 38 20.6 +0.7
EGAG	Eagle	85.18 23	eP	P	00 38 21.7 -1.3
NVS	Novosibirsk	85.75 326	iP	P	00 38 29.2 +1.7
KSH	Kashi	86.59 310	P	P	00 38 34.3 +1.6
KSH			eP	P	00 39 04.6 +2.9

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Kesra, Sonseca Array, Tamranstr, Torodi Ar. Bea, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Sao Teotonio, Barranco-Do-Ve, Castro Verde, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ECAB, EMUJ, Mijas, etc.

ISCJB 02:00:29:33.0, 0.4, 16.63N, 0.05:93.48W, 0.03, h184km, 4km, mb3.6/5, Error ellipse: s-maj=7.4km s-min=4.6km az=8.2

MEX 02:00:29:35.7, 0.9, 16.63N, 93.51W, h180km, 8km, MD4.1

ISC 02:00:29:34.1, 0.4, 16.61N, 0.04:93.49W, 0.03, h179km, 4km, n37, r1509/60, mb3.6/5, Chiapas

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists numerous stations including TGIG, SCX, San Cristobal, etc.

Main station list table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists numerous stations including Sao Teotonio, Barranco-Do-Ve, Castro Verde, etc.

Main station list table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists numerous stations including ECAB, EMUJ, Mijas, etc.

ISC 02:00:44:36.8, 1.6, 10.37S, 166.17E, h0km, mb4.3/3, mb1 4.4/3, mb1mx3.9/16, mbtmp4.3/3, Error ellipse: s-maj=49.7km s-min=35.4km az=57.0, Santa Cruz Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like DZM, URM, WRA, MKAR, ARCES, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Sao Teotonio, Barranco-Do-Ve, Castro Verde, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ECAB, EMUJ, Mijas, etc.

MDD 02:00:46:23.4, 0.7, 36.56N, 9.83W, h0km, mb4.3/40, Error ellipse: s-maj=7.3km s-min=4.6km az=76.0, PRIMO

ISCJB 02:00:46:23.0, 0.4, 36.60N, 0.02:9.56W, 0.03, h10km, Error ellipse: s-maj=3.9km s-min=2.5km az=150.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PFI, MORF, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Sao Teotonio, Barranco-Do-Ve, Castro Verde, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ECAB, EMUJ, Mijas, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like PCAB, CIA, EQES, EDOB, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like ETOB, EMUR, EPON, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like RJF, MFF, ROSF, etc.

100 00:48:29.4, 1.4, 8.00N:91.63E, h0km, mb3.6/6, mb1 3.7/7, mb1mx3.6/22, mbmp3.6/7, ML4.0/1, MS3.6/2, Ms1 3.6/2, ms1mx2.9/24, Error ellipse: s-maj=38.4km s-min=27.4km az=42.0

ISCJB 02:00:48:31.9, 0.7, 7.9N:0.1, 1.91:61E:0.09, h33km, mb3.8/12, Error ellipse: s-maj=17.0km s-min=10.1km az=38.2

NEIC 02:00:48:34.1, 0.4, 7.94N:91.16E, h35km, mb4.0/5, Error ellipse: s-maj=11.1km s-min=6.5km az=218.0

ISC 02:00:48:32.5, 4.4, 8.00N:0.1, 91.55E:0.09, h20km, 35km, n22, -0.50/22, mb3.8/12, Nicobar Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PSI, KULM, PALK, etc.

TIR 02:00:50:47.0, 2.4, 41:46N:21:14E, h4km, 30km, ML3.1, Error ellipse: s-maj=4.0km s-min=2.8km az=15.4

THE 02:00:50:50.7, 41:43N:20:81E, h2km, 30km, ML3.1/1, Error ellipse: s-maj=30.3km s-min=0.7km az=199.0

CSEM 02:00:50:50.0, 0.2, 41:45N:20:78E, h2km, ML3.1/1, Error ellipse: s-maj=3.3km s-min=2.9km az=32.0

SKO 02:00:50:51.2, 41:46N:20:79E, h4km, M1.4, ML1.8, Error ellipse: s-maj=5.0km s-min=3.5km az=218.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like OHR, KRUS, BIA, etc.

YKA Yellowknife Ar 62.71 23 P P 02 58 22.0 -3.1

comp=E,0.5nm,0.6s,mb3.7,baz=312,slow=4.9,SNR=15

ISK 02 03:01:09.2,36°08'N,29°47'E,h28km,MD2.9
ISCJB 02 03:01:10.0,1.3,36°20'N,0°09:29.47E,0.06,h65km,10km,
Error ellipse: s-maj=15.7km s-min=8.2km az=7.5

CSEM 02 03:01:10.2,0.8,36°18'N,29°46'E,h27km,4km,MD2.7,
Error ellipse: s-maj=17.2km s-min=8.7km az=2.0

DDA 02 03:01:12.6,36°39'N,29°22'E,h7km,3km,MD2.7

ISC 02 03:01:06.1,3.36°19'N,0°09:29.46E,0.06,h62km,10km,
n26,0.09142,Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like AKAS, FETY, ELL, DALT, YER, etc.

ISC 02 03:47:40.9,8.0,22°18'S,66°78'W,h329km,184km,
mb3.1/1,mb1 3.0/3,mb1mx2.8/17,mbtmtp2.9/3,Error
ellipse: s-maj=324.0km s-min=22.6km az=103.0,Jujujuy
Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like LPAZ, PLCA, TORD, etc.

ISC 02 03:51:01.1,2.2,35°34'N,71°15'E,h0km,mb3.7/6,
mb1 3.9/9,mb1mx3.6/24,mbtmtp3.9/9,ML3.4/4,MS2.5/1,
Ms1 2.5/1,ms1mx2.1/31,Error ellipse: s-maj=57.1km
s-min=24.7km az=136.0

ISCJB 02 03:51:15.6,1.2,36°16'N,0°04:71.10E,0.09,h89km,14km,
mb3.7/5,Error ellipse: s-maj=12.8km s-min=4.3km
az=159.9

NEIC 02 03:51:15.2,1.5,35°94'N,70°79'E,h28km,16km,mb4.2/1,
Error ellipse: s-maj=19.8km s-min=4.5km az=59.0

NCC 02 03:51:21.0,5.6,36°54'N,70°63'E,h88km,99km,mb3.4,
mpv3.5,Error ellipse: s-maj=44.3km s-min=38.1km
az=178.0

ISC 02 03:51:16.5,1.0,36°12'N,0°04:71.03E,0.09,h85km,13km,
n43,r12056,mb3.6/5,4C-1D,Afghanistan-Tajikistan
border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like KSH, AML, UCH, SDNR, etc.

AB31 Akbulak array 15.43 332 P Pn 03 54 46.2 -3.0

comp=E,2.1nm,0.3s,baz=148,slow=12,SNR=144

AB31 Akbulak array 15.43 332 ePn Pn 03 57 32.6 -6.6

comp=E,0.3nm,0.2s,baz=257,slow=24,SNR=4.9

ABKAR Akbulak array 15.43 332 ePn Pn 03 54 45.8 -3.4

comp=E,8.3nm,0.9s,Error ellipse: s-maj=37.0km s-min=20.6km
az=21.0

ISC 02 05:27:34.9,0.5,37°26'N,0°03:72.06E,0.06,h124km,8km,
n48,r110/62,mb3.2/3,4C-5D,Tajikistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like KBL, KSH, AML, UCH, etc.

WEL 02 04:37:38.3,1.0,36°11'S,178°17'E,h241km,17km,ML3.7/3,
Error ellipse: s-maj=18.3km s-min=17.9km az=0.0,Off
east coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like PUZ, MUZ, URZ, etc.

ISC 02 04:38:57.9,1.7,30°33'S,178°28'W,h0km,mb4.2/3,
mb1 4.3/4,mb1mx3.9/15,mbtmtp4.2/4,ML3.4/1,Error
ellipse: s-maj=43.5km s-min=32.1km az=53.0,
Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like URZ, STKA, WRA, etc.

ISK 02 04:56:08.5,40°42'N,34°45'E,h5km,MD2.7
ISCJB 02 04:56:09.8,0.6,40°40'N,0°03:34.44E,0.04,h7km,6km,
Error ellipse: s-maj=6.1km s-min=4.6km az=145.6

CSEM 02 04:56:09.6,0.1,40°39'N,34°44'E,h5km,MD2.7,Error
ellipse: s-maj=2.1km s-min=1.5km az=45.0

DDA 02 04:56:09.0,40°40'N,34°45'E,h7km,1km,MD3.0

ISC 02 04:56:10.2,0.5,40°41'N,0°03:34.45E,0.04,h8km,7km,
n21,r0.60/34,1C,Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like CORM, CORK, CORT, etc.

CSEM 02 05:10:43.3,0.9,39°74'N,29°53'E,h2km,MD2.9,Error
ellipse: s-maj=17.9km s-min=9.9km az=42.0

DDA 02 05:10:44.3,39°67'N,29°45'E,h7km,3km,MD2.9

ISC 02 05:10:45.4,0.8,39°67'N,0°05:29.44E,0.04,h10km,Error
ellipse: s-maj=7.8km s-min=4.2km az=15.6

ISC 02 05:10:46.1,0.8,39°65'N,0°05:29.42E,0.04,h7km,8km,
n12,r102/23,Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like GDZ, DST, DRS, etc.

ISCJB 02 05:27:33.9,0.5,37°26'N,0°03:72.02E,0.06,h133km,9km,
mb3.2/3,Error ellipse: s-maj=7.6km s-min=4.9km
az=171.0

NEIC 02 05:27:35.0,0.7,37°21'N,72°03'E,h127km,11km,mb4.3/4,
Error ellipse: s-maj=11.0km s-min=8.3km az=106.0

IDC 02 05:27:34.9,6.0,37°17'N,71°98'E,h130km,43km,mb3.1/3,
mb1 3.9/9,mb1mx3.2/26,mbtmtp3.2/9,Error ellipse:
s-maj=60.3km s-min=28.2km az=168.0

NCC 02 05:27:42.6,4.0,37°86'N,71°82'E,h157km,45km,mb2.6,
mpv3.6,Error ellipse: s-maj=37.0km s-min=20.6km
az=21.0

ISC 02 05:27:34.9,0.5,37°26'N,0°03:72.06E,0.06,h124km,8km,
n48,r110/62,mb3.2/3,4C-5D,Tajikistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like KBL, KSH, AML, UCH, etc.

7C-1D, Off coast of Oregon

Table with columns: Code, Station Name, Δ, AZ, Phase, ID, Time, Res, ISC. Lists various stations like KEBM, RNO, HEBO, etc.

Table with columns: SMCO, Snowmass, PHWY, Pilot Hill, etc. Lists various stations and their coordinates.

Table with columns: USIN, University of, BLO, Bloomington, etc. Lists various stations and their coordinates.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZHIG, PNIG, PPM, PPM, PPM, UTMO.

NEIC 02 07:44:36.7, 16:47N-95:80W, h51km, MD3.5(MEX), After MEX.

MEX 02 07:44:36.2-0.8, 16:46N-95:81W, h61km, 25km, MD3.5, Oaxaca

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HUIG, VHO, VHO, CMIG, CMIG, PNIG, PNIG, UTMO, UTMO, TGIG, TGIG.

ISK 02 08:03:22.8, 40:60N-34:82E, h15km, MD2.7. ISCBJ 02 08:03:23.0-5.0, 40:60N-03:34.85E, 0.05, h11km, 4km.

DDA 02 08:03:23.8, 40:56N-34:75E, h7km, 1km, MD2.8. ISC 02 08:03:23.6-0.5, 40:60N-03:34.81E, 0.05, h13km, 4km.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CTKT, CTKT, CTKT, CORM, CORM, CORM, TOS, TOS, ILGA, ILGA, CDAG, CDAG, CDAG, YOZ, YOZ, YOZ, KVT, KVT, KVT, DIKM, DIKM, DIKM.

ISCJB 02 08:05:56.5-1.5, 8:30N-07:82.95W, 0.05, h9km, 6km, mb3.9/7, Error ellipse: s-maj=12.6km s-min=7.8km az=18.2.

NEIC 02 08:05:57.7, 8:40N-83:04W, h12km, mb4.3/1, MD4.6(HDC), After HDC.

ISC 02 08:05:57.1-1.1, 8:43N-82:91W, h0km, mb3.9/6, mb1 4.2/8, mb1 mx3.9/21, mbmp3.9/8, ML3.7/2, MS3.0/2, MS1 3.1/2, ms1mx2.5/27, Error ellipse: s-maj=46.1km s-min=20.1km az=5.0.

CASC 02 08:05:59.0-3.0, 8:53N-82:99W, h0km, 14km, MD4.3, mb4.3(NEIC).

ISC 02 08:05:57.3-1.7, 8:34N-07:82.97W, 0.05, h3km, 10km, n37, r15135, mb3.9/7, 3C-3D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ACR, BRU2, BRU2, CTRC, CTRC, CTRC, BUS, BUS, QCR, QCR, LIO, LCR2, LAJ, SJS, PUN, CGA2, JCR, CNP, JTS, JTS, CHPA, A490, W494, BCIP, LM1, NY14, LAPC, EUEV, TGUH, CMIG, ATAH, LPAZ, PDAR, ULM, NVAR, WVAR, PLCA, YKA, TORD, ASAR, WRA.

AUST 02 08:14:43.4, 16:98S-117:07E, h8km, ML3.5, Northwest of Australia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MBWA, GIRL, GIRL, MEEK, MORW, MORW, MUN, MUN.

ISCJB 02 08:28:34.0-4.7, 13:84N-07:91.34W, 0.04, h8km, 10km, Error ellipse: s-maj=14.0km s-min=3.9km az=26.5.

CASC 02 08:28:36.6-2.1, 13:90N-91:22W, h72km, 19km, MD3.7. MEX 02 08:28:37.4-0.5, 13:70N-91:64W, h92km, 14km, MD4.2.

ISC 02 08:28:35.4-0.7, 13:78N-07:91.35W, 0.04, h69km, 16km, n26, r088/45, 2C-5D, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PGT, JAT, FUG, PACAY, PCG, TP2, NBG, NBG, THIG, THIG, RBDL, RTR, SBL, SBL, SBL, BOQS, BOQS, MRL, LFRS, LFRS, LBR, SNVI, CCIG, CCIG, CCIG, CAHU, TGIG, TGIG, CMIG, CMIG, CMIG, VHO, VHO, TEIG, UTMO, UTMO.

GUC 02 08:32:36.6-1.0, 21:65S-68:50W, h124km, 8km, ML3.6, 3C-2D, Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LVC, LVC, LVC, PB01, PB01, PB04, PB04, PB04, MACH, TOCH, TOCH, TOCH, HMB, HMB, HMB, ANCH, ANCH, MNMC, MNMC, MNMC.

MAN 02 08:36:18, 11:16N-124:65E, h4km, mb4.3, ML3.2, MS3.0, 1C, Leyte

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OCLP, PLP, PLP, BESP, BESP, MSLP, CNP, TBP, TBP.

BJI 02 08:48:40.2, 5:30S-102:57E, h65km, mb5.7/36, mb6.0/67, Ms5.4/74, Ms7.5/262.

MOS 02 08:48:45.6, 6.4, 0.2S-102:70E, h33km, mb6.1/99, MS4.9/33, Error ellipse: s-maj=10.0km s-min=4.3km az=121.3.

SZGRF 02 08:48:46.7, 4:19S-102:53E, h33km, mb5.8, MS4.8, Southern Sumatra, Indonesia

ISCJB 02 08:48:47.7-0.1, 4:30S-102:66E, 0.02, h59km, mb5.9/239, MS5.0/89, Error ellipse: s-maj=3.0km s-min=2.0km az=27.9.

GCMT 02 08:48:49.7-0.1, 4:64S-102:49E, h65km, MS5.7/107, Moment Tensor Solution, s107.c197, s2235; Duration: 197 Moment tensor: Scale: 1017Nm; M3.18±0.05; Mw=2.29±0.04; Mo=0.88±0.05; M1.73±0.04; Mw=2.12±0.04; M2=0.63±0.04; Best double couple: M3.964000*1017 Np1=316.000000, 632.000000, 1.106.000000. NP2=317.000000, 659.000000, 1.80.000000.

Principal axes: T: 3.6810, Plg74.00000, Azm1.00000; N: 0.5720, Plg9.00000, Azm122.00000; P: -4.2460, Plg14.00000, Azm214.00000; nsta1 refers to body waves, cutoff=400s. nsta2 refers to surface/mantle waves, cutoff=50s.

NEIC 02 08:48:49.7, 0.6, 4:35S-102:72E, h67km, 5km, mb5.8/123, MW5.6, MW5.6, Error ellipse: s-maj=4.1km s-min=2.7km az=221.0, Moment tensor: Scale: 643 Moment tensor: Scale: 1017Nm; M3.40±0.04; Mw=1.36; M1=1.36; Mw=1.49; M2=0.52; Best double couple: M3.700000*1017 Np1=134.000000, 856.000000, 1.76.000000. NP2=339.000000, 837.000000, 1.110.000000. Principal axes: T: 3.7900, Plg74.00000, Azm3.00000; N: -0.2500,

Plg11.00000, Azm142.00000; P: -3.5400, Plg9.00000, Azm234.00000.

NEIC Felt [V] at Bengkulu, [IV] at Kapanggih and [III] at Padang, Painan and Panaman. Also felt at Palembang. Felt in Singapore.

IDC 02 08:48:51.9-0.8, 4:25S-102:77E, h84km, 6km, mb5.4/33, mb1 5.4/34, mb1mx5.4/34, mbmp5.4/34, MS4.9/24, Ms1 4.9/24, ms1mx4.9/27 Error ellipse: s-maj=9.7km s-min=5.7km az=51.0.

DJA 02 08:48:52.4, 36S-102:63E, h38km, MLV5.9/6. ISC 02 08:48:49.5-0.1, 4:33S-102:65E, 0.02, h61km, n11km, 1.7km, pP-P, n1620, r0895/1049, mb5.9/239, 38C-216D, Southern Sumatera

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MNAI, MNAI, KSI, KSI, LHSI, LHSI, MDSI, MDSI, KASI, KASI, KSI, KSI, KLI, KLI, KRJI, KRJI, PMBI, PMBI, PMBI, RBSI, RBSI, RBSI, SBJI, SBJI, TNG, TNG, TNG, PPI, PPI, TPI, TPI, LEM, LEM, MNSI, MNSI, MYKOM, MYKOM, KGM, XMSI, XMSI, XMSI, XMSI, FRIM, PSI, PSI, PSI, SMRI, YOGI, YOGI, UGM, TSI, IPM, NGJI, KSM, KSM, KSM, KSM, KTMG, COCO, COCO, COCO, KULM, KULM, KULM, PWJI, GRJI, LHMI, GMMI, KMMI, SBUM, SBUM, BSI, SRBI, IGBI, KHKI, KBKI, KKM, KKM, TTSI, WSI, MYLMI, PBA, APSI, MRSI, KDI, KDI, KDI, BATP, NST, LUWI, LUWI, KUGI, KUGI, KMSI, ENPI, ENPI, IPIL, CHG, CHTO, CHTO, CHTO.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like BVAR Borovoye Array, BRVK Borovoye, and various other frequencies.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like KARS Kars, ARU Arti, and various other frequencies.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like SARI SarDiz-Kayseri, CEYT Ceyhan, and various other frequencies.

SMF	comp=Z,340nm,20.0s	Signal de Mont	99.18 316	iP	P	09 02 23.8	-0.6
SMF	comp=Z,52nm,1.2s,mb5.6	Signal de Mont	99.18 316	iP	P	09 02 23.8	-0.6
SMF	comp=Z,26nm,1.2s,mb5.6	Signal de Mont	99.18 316	iP	P	09 02 23.8	-0.6
LASF	comp=Z,49nm,1.3s,mb5.6	Ste Croix	99.31 314	eP	P	09 02 24.9	-0.2
SSF	comp=Z,29nm,1.2s,mb5.6	Saint Saule	99.38 317	eP	P	09 02 25.3	-0.4
AVF	comp=Z,29nm,1.2s	Avril sur Loir	99.51 317	iP	P	09 02 25.3	-0.4
AVF	comp=Z,14nm,1.2s,mb5.3	Avril sur Loir	99.51 317	iP	P	09 02 25.3	-0.4
BGF	comp=Z,45nm,1.1s	Bois d'Angland	99.87 316	iP	P	09 02 27.3	0.0
BGF	comp=Z,22nm,1.1s,mb5.5	Bois d'Angland	99.87 316	iP	P	09 02 27.3	0.0
TCF	comp=Z,22nm,1.1s	Touix Ste Croix	100.33 316	eP	P	09 02 29.6	+0.2
CAF	comp=Z,44nm,1.5s	Calviac	100.54 315	eP	P	09 02 30.5	+0.2
CAF	comp=Z,22nm,1.5s	Calviac	100.54 315	eP	P	09 02 30.5	+0.2
CAF	comp=Z,22nm,1.5s	Calviac	100.54 315	eP	P	09 02 30.5	+0.2
MTLF	comp=Z,22nm,1.5s	Montlieux	100.54 313	iP	P	09 02 30.6	+0.3
MTLF	comp=Z,11nm,0.9s	Montlieux	100.54 313	iP	P	09 02 30.6	+0.3
MTLF	comp=Z,5.0nm,0.9s	Montlieux	100.54 313	iP	P	09 02 30.6	+0.3
BPWF	comp=Z,2.0nm,1.2s	Bear Paw Mtn.	100.99 25	ePdiff	P	09 02 31.0	-1.4
TORD	comp=Z,3.5nm,1.0s,baz=82,slow=4.4,SNR=15	Torodi Ar. Bea	101.63 282	P	P	09 02 36.2	+1.0
TORD	comp=Z,1.7nm,0.8s,baz=78,slow=5.1,SNR=3.7	Torodi Ar. Bea	101.63 282	P	P	09 02 36.2	+1.0
TORD	comp=Z,1.2nm,0.6s,baz=294,slow=3.4,SNR=9.6	Torodi Ar. Bea	101.63 282	P	P	09 02 36.2	+1.0
LDF	comp=Z,27nm,0.9s	La Druitiere	101.68 319	iP	P	09 02 35.1	-0.3
LDF	comp=Z,13nm,0.9s	La Druitiere	101.68 319	iP	P	09 02 35.1	-0.3
LDF	comp=Z,13nm,0.9s	La Druitiere	101.68 319	iP	P	09 02 35.1	-0.3
FLN	comp=Z,3.30nm,0.8s	La Foliniere	101.89 319	eP	P	09 02 35.9	-0.4
FLN	comp=Z,531nm,21.8s	La Foliniere	101.89 319	eP	P	09 02 35.9	-0.4
FLN	comp=Z,15nm,0.8s	La Foliniere	101.89 319	eP	P	09 02 35.9	-0.4
FLN	comp=Z,530nm,21.8s	La Foliniere	101.89 319	eP	P	09 02 35.9	-0.4
MFF	comp=Z,530nm,21.8s	Saint Martin d	101.92 317	eP	P	09 02 36.3	-0.2
GRR	comp=Z,43nm,1.3s	Gorron	102.19 318	eP	P	09 02 37.5	-0.2
GRR	comp=Z,21nm,1.3s	Gorron	102.19 318	eP	P	09 02 37.5	-0.2
GRR	comp=Z,21nm,1.3s	Gorron	102.19 318	eP	P	09 02 37.5	-0.2
SJPF	comp=Z,21nm,1.3s	Ste Jean	103.07 313	eP	P	09 02 42.3	+0.7
SGMF	comp=Z,21nm,1.3s	Saint Gilles	103.33 318	eP	P	09 02 42.4	-0.3
CLUF	comp=Z,21nm,1.3s	Quistinie	103.78 318	eP	P	09 02 44.2	-0.5
ROSF	comp=Z,49nm,1.2s	Rostrenen	103.79 319	eP	P	09 02 44.3	-0.5
ROSF	comp=Z,24nm,1.2s	Rostrenen	103.79 319	eP	P	09 02 44.3	-0.5
ROSF	comp=Z,24nm,1.2s	Rostrenen	103.79 319	eP	P	09 02 44.3	-0.5
ESDC	comp=Z,0.3nm,0.3s,baz=62,slow=3.0,SNR=2.0	Sonsec Array	105.53 310	ePdiff	P	09 02 53.5	+1.0
ESDC	comp=Z,0.3nm,0.3s,baz=62,slow=3.0,SNR=2.0	Sonsec Array	105.53 310	ePdiff	P	09 02 53.5	+1.0
PPT	comp=Z,107nm,28.5s	Papeete	105.54 109	ePP	PP	09 07 09.2	-6.9
PPT	comp=Z,432nm,30.8s	Papeete	105.54 109	ePP	PP	09 07 09.2	-6.9
PPT	comp=Z,911nm,23.2s	Papeete	105.54 109	ePP	PP	09 07 09.2	-6.9
INK	comp=Z,3.0nm,0.9s	Inuvik	106.02 19	P	P	09 02 53.5	-1.2
INK	comp=Z,2.0nm,0.6s	Inuvik	106.02 19	P	P	09 02 53.5	-1.2
INK	comp=Z,2.6nm,0.9s,baz=298,slow=7.1,SNR=10	Inuvik	106.02 19	P	P	09 02 53.5	-1.2
INK	comp=Z,1.8nm,0.6s,baz=316,slow=6.7,SNR=8.9	Inuvik	106.02 19	P	P	09 02 53.5	-1.2
INK	comp=Z,5.6nm,1.1s	Inuvik	106.02 19	P	P	09 02 53.5	-1.2
INK	comp=Z,1.4nm,1.3s	Summit	107.77 349	ePdiff	P	09 03 01.9	-0.6
DBIC	comp=Z,4nm,0.9s,baz=267,slow=21,SNR=3.7	Dimbokro	107.86 276	P	P	09 07 10.6	-0.6
DBIC	comp=Z,4nm,0.9s,baz=267,slow=21,SNR=3.7	Dimbokro	107.86 276	P	P	09 07 10.6	-0.6
RES	comp=Z,3.0nm,0.9s	Resolute Bay	108.96 5	P	P	09 03 09.0	+1.2
RES	comp=Z,3.0nm,0.6s	Resolute Bay	108.96 5	P	P	09 03 09.0	+1.2
RES	comp=Z,2.9nm,0.9s,baz=345,slow=3.4,SNR=1.6	Resolute Bay	108.96 5	P	P	09 03 09.0	+1.2
RES	comp=Z,3.3nm,0.6s,baz=303,slow=2.3,SNR=14	Resolute Bay	108.96 5	P	P	09 03 07.5	-0.2
RES	comp=Z,2.1nm,0.7s	Resolute Bay	108.96 5	P	P	09 03 07.5	-0.2
YKA	comp=Z,3.0nm,0.8s,baz=265,slow=3.4,SNR=8.5	Yellowknife Ar	115.78 18	PKP	PKP	09 07 23.1	-1.7
YKA	comp=Z,2.0nm,0.6s	Yellowknife Ar	115.78 18	PKP	PKP	09 07 23.1	-1.7
YKA	comp=Z,5.0nm,0.9s	Yellowknife Ar	115.78 18	PKP	PKP	09 07 23.1	-1.7
YKA	comp=Z,2.0nm,0.9s	Yellowknife Ar	115.78 18	PKP	PKP	09 07 23.1	-1.7
YKA	comp=Z,2.2nm,0.6s,baz=298,slow=4.0,SNR=29	Yellowknife Ar	115.78 18	PKP	PKP	09 07 23.1	-1.7
YKA	comp=Z,5.1nm,0.9s,baz=321,slow=7.0,SNR=8.0	Yellowknife Ar	115.78 18	PKP	PKP	09 07 23.1	-1.7
YKA	comp=Z,1.5nm,0.8s,baz=131,slow=3.8,SNR=12	Yellowknife Ar	115.78 18	PKP	PKP	09 07 23.1	-1.7
YKA	comp=Z,1.5nm,0.8s,baz=131,slow=3.8,SNR=12	Yellowknife Ar	115.78 18	PKP	PKP	09 07 23.1	-1.7
YKA	comp=Z,1.5nm,0.8s,baz=131,slow=3.8,SNR=12	Yellowknife Ar	115.78 18	PKP	PKP	09 07 23.1	-1.7
TAOE	comp=Z,211nm,29.4s	Nuku Hiva Isla	116.04 102	ePS	PS	09 18 15.9	+1.4
TAOE	comp=Z,449nm,22.9s	Nuku Hiva Isla	116.04 102	ePS	PS	09 18 15.9	+1.4
PGC	comp=Z,12nm,0.9s	Sidney	120.97 34	ePKP	PKP	09 07 34.6	-0.6
NLWA	comp=Z,12nm,0.9s	Neilton Lookou	121.41 35	iP	P	09 07 36.2	+0.1
NLWA	comp=Z,12nm,0.9s	Neilton Lookou	121.41 35	iP	P	09 07 36.2	+0.1
NLWA	comp=Z,12nm,0.9s	Neilton Lookou	121.41 35	iP	P	09 07 36.2	+0.1
GNW	comp=Z,12nm,0.9s	Green Mountain	121.92 35	eP	P	09 07 37.0	0.0
ECW	comp=Z,12nm,0.9s	Lebam	122.04 36	iP	P	09 07 37.4	0.0
J03A	comp=Z,12nm,0.9s	Jim Creek	122.07 34	ePKP	PKP	09 07 36.9	-0.4
BO6A	comp=Z,12nm,0.9s	Marblemount	122.13 33	iP	P	09 07 36.6	-0.8
RPWF	comp=Z,12nm,0.9s	Rockport	122.15 33	iP	P	09 07 36.7	-0.8
F03A	comp=Z,12nm,0.9s	Seaside	122.36 37	iP	P	09 07 36.2	-1.7

A07A	comp=Z,122,SNR=15	Ashnola River	122.41 32	iP	PKP	09 07 37.5	-0.4
D05A	comp=Z,122,SNR=15	Enunclaf	122.60 35	iP	PKP	09 07 38.5	+0.1
C06A	comp=Z,122,SNR=9.8	Tail Timber Ra	122.79 33	iP	PKP	09 07 37.8	-1.0
B07A	comp=Z,123,SNR=9.2	Winthrop	122.90 33	iP	PKP	09 07 38.3	-0.6
LN	comp=Z,123,SNR=9.2	Longmont	122.94 35	ePKP	PKP	09 07 38.3	-0.8
EDM	comp=Z,123,SNR=9.2	Edmontone	123.02 25	ePKP	SKP	09 07 38.2	-0.8
F04A	comp=Z,123,SNR=9.2	Amboy	123.04 36	iP	PKP	09 07 39.1	-0.2
A08A	comp=Z,123,SNR=9.2	Turner Farm, O	123.05 32	iP	PKP	09 07 38.8	-0.4
WPW	comp=Z,123,SNR=9.3	White Pass	123.12 35	iP	PKP	09 07 39.3	-0.1
D06A	comp=Z,123,SNR=9.3	Cle Elum	123.24 34	iP	PKP	09 07 39.0	-0.6
ETW	comp=Z,123,SNR=9.3	Enlief	123.29 33	iP	PKP	09 07 39.1	-0.5
B08A	comp=Z,123,SNR=16	Colville Reser	123.38 32	iP	PKP	09 07 39.1	-0.8
C07A	comp=Z,123,SNR=10	Waterville	123.39 33	iP	PKP	09 07 39.1	-0.8
G04A	comp=Z,123,SNR=10	Sandpoint	123.39 37	iP	PKP	09 07 39.9	0.0
A09A	comp=Z,123,SNR=10	Danville	123.40 31	iP	PKP	09 07 39.5	-0.3
WTV	comp=Z,124,SNR=11	Waterville	123.44 33	P	PKP	09 07 39.6	-0.4
E06A	comp=Z,124,SNR=11	Yakima	123.53 35	iP	PKP	09 07 40.0	-0.2
H04A	comp=Z,124,SNR=11	Detroit Lake	123.84 37	iP	PKP	09 07 40.3	-0.6
C08A	comp=Z,124,SNR=15	Higginbotham F	123.88 33	iP	PKP	09 07 40.3	-0.6
A10A	comp=Z,124,SNR=15	Northport	123.92 31	iP	PKP	09 07 40.4	-0.5
B09A	comp=Z,124,SNR=23	Rice	123.97 32	iP	PKP	09 07 40.8	-0.2
E07A	comp=Z,124,SNR=9.9	Sunnyside	124.16 34	iP	PKP	09 07 41.2	-0.2
FCC	comp=Z,124,SNR=9.9	Fort Churchill	124.17 10	ePKP	PKP	09 07 39.4	-1.6
C09A	comp=Z,124,SNR=9.9	Christman Ran	124.28 32	iP	PKP	09 07 41.1	-0.5
OD2	comp=Z,124,SNR=9.0	Odesa Site #2	124.30 33	ePKP	PKP	09 07 41.0	-0.6
D08A	comp=Z,124,SNR=21	Wollman Farm	124.39 33	iP	PKP	09 07 41.6	-0.2
RSW	comp=Z,124,SNR=21	Rock Creek Hi	124.40 34	ePKP	PKP	09 07 42.1	+0.3
HAWA	comp=Z,124,SNR=21	Hanford	124.44 34	ePKP	PKP	09 07 41.7	-0.2
HUMO	comp=Z,124,SNR=21	Hull Mountain	124.44 40	ePKP	PKP	09 07 41.8	-0.3
G06A	comp=Z,124,SNR=9.6	Carlson Farm	124.47 36	iP	PKP	09 07 41.9	-0.1
B10A	comp=Z,124,SNR=9.6	Chitwood Farm	124.53 31	iP	PKP	09 07 41.7	-0.4
A11A	comp=Z,124,SNR=9.6	Hall Mountain	124.54 30	iP	PKP	09 07 42.4	+0.3
WIV	comp=Z,124,SNR=9.6	Wooded Island	124.55 34	P	PKP	09 07 42.7	+0.5
NEW	comp=Z,124,SNR=9.6	Newspoint	124.60 31	ePKP	PKP	09 07 41.5	-0.7
D09A	comp=Z,124,SNR=9.6	Jones Farm, Ri	124.72 33	iP	PKP	09 07 41.9	-0.5
C10A	comp=Z,124,SNR=9.6	Spiker Farm	124.78 32	iP	PKP	09 07 42.2	-0.4
B11A	comp=Z,124,SNR=9.6	Sandpoint	124.88 31	iP	PKP	09 07 42.5	-0.2
VIPM	comp=Z,124,SNR=9.6	Ingram Point	124.88 37	iP	PKP	09 07 43.1	+0.3
A12A	comp=Z,124,SNR=9.6	Yaak River Ran	124.92 30	iP	PKP	09 07 42.8	0.0
H06A	comp=Z,125,SNR=15	Lindquist Farm	124.96 32	iP	PKP	09 07 42.9	0.0
YBH	comp=Z,125,SNR=15	Yreka Blue Hor	125.04 41	PKP	PKP	09 07 43.1	-0.1
YBH	comp=Z,5.0nm,0.9s	Yreka Blue Hor	125.04 41	PKP	PKP	09 07 43.1	-0.1
YBH	comp=Z,4.8nm,0.9s,baz=109,slow=1.6,SNR=7.3	Yreka Blue Hor	125.04 41	PKP	PKP	09 07 43.1	-0.1
E09A	comp=Z,125,SNR=15	Wood Farm, Sta	125.14 33	iP	PKP	09 07 42.8	-0.5
F08A	comp=Z,125,SNR=15	Pendleton	125.21 35	iP	PKP	09 07 43.3	-0.2
B12A	comp=Z,125,SNR=15	Libby	125.25 30	iP	PKP	09 07 43.0	-0.4
D10A	comp=Z,125,SNR=19	Wagner Farm, O	125.28 33	iP	PKP	09 07 42.9	-0.6
G08A	comp=Z,125,SNR=13	Pilot Rock	125.41 35	iP	PKP	09 07 43.8	0.0
LNOR	comp=Z,125,SNR=13	Linctus Munta	125.45 34	ePKP	PKP	09 07 43.4	-0.5
H07A	comp=Z,125,SNR=13	Lands Inn, Kim	125.46 36	iP	PKP	09 07 44.1	+0.2
A13A	comp=Z,125,SNR=13	Flathead Natio	125.59 29	iP	PKP	09 07 43.9	0.0
K05A	comp=Z,125,SNR=13	Summer Lake	125.68 39	iP	PKP	09 07 44.8	+0.4
WALA	comp=Z,125,SNR=13	Waterton Lakes	125.68 29	ePKP	PKP	09 07 43.2	-1.0
WALA	comp=Z,125,SNR=13	Waterton Lakes	125.68 29	ePKP	PKP	09 07 43.2	-1.0
E10A	comp=Z,125,SNR=13	Whiskeytown Da	125.72 42	ePKP	PKP	09 07 43.9	-0.5
F09A	comp=Z,125,SNR=18	S2 Ranch, Elgi	125.75 34	iP	PKP	09 07 44.0	-0.5
I07A	comp=Z,125,SNR=18	Hot Springs	125.78 37	iP	PKP	09 07 44.8	+0.2
D11A	comp=Z,125,SNR=12	Klaveano Farm	125.78 32	iP	PKP	09 07 43.4	-1.1
C12B	comp=Z,125,SNR=12	Nagee Ranch	125.81 31	iP	PKP	09 07 45.0	+0.5
J06A	comp=Z						

F18A	Big Timber	129.92	29	↑P	PKPdf	09 07 52.0	-0.5
N11A	Elko Archery C	129.94	38	↑P	PKPdf	09 07 53.3	+0.7
H16A	Russell Place,	130.00	31	↑P	PKPdf	09 07 53.0	+0.4
SMMC	Simmler	130.01	46	↑P	PKPdf	09 07 53.5	+0.5
GCMT	Reycliff	130.03	29	ePKPdf	PKPdf	09 07 52.4	-0.2
RCTC	Rector, Farmer	130.07	45	↑P	PKPdf	09 07 52.6	-0.4
M12A	Wells	130.08	37	↑P	PKPdf	09 07 53.3	+0.5
YMR	Madison River	130.17	31	ePKPdf	PKPdf	09 07 53.7	+0.7
P10A	Eureka	130.18	40	↑P	PKPdf	09 07 53.3	+0.2
L13A	Double Diamond	130.24	36	↑P	PKPdf	09 07 54.0	+0.8
J15A	Blackfoot	130.25	33	↑P	PKPdf	09 07 53.7	+0.5
YNR	Norris Junctio	130.28	31	ePKPdf	PKPdf	09 07 54.9	+1.8
ELK	Elko	130.29	38	ePKIKP	PKPdf	09 07 53.7	+0.4
PKM	Peak Mountain	130.34	47	↑P	PKPdf	09 07 54.5	+1.0
N12A	Clover Valley,	130.35	37	↑P	PKPdf	09 07 53.8	+0.4
N12A	Clover Valley,	130.35	37	ePKPdf	PKPdf	09 07 54.0	+0.6
YFT	Old Faithful	130.39	31	ePKPdf	PKPdf	09 07 55.4	+2.1
K14A	Jones Ranch, D	130.39	35	↑P	PKPdf	09 07 53.8	+0.4
DGMT	Dagmar	130.39	29	ePKPdf	PKPdf	09 07 53.1	-0.1
O11A	Cowboy Ranch,	130.39	39	↑P	PKPdf	09 07 53.8	+0.3
TIN	Tinemaha	130.40	43	↑P	PKPdf	09 07 54.2	+0.6
VES	Vestal, Richgr	130.41	45	↑P	PKPdf	09 07 52.9	-0.8
G18A	Lazy Elk Ranch,	130.42	30	↑P	PKPdf	09 07 53.0	-0.4
H16A	Newdale	130.44	32	↑P	PKPdf	09 07 53.6	+0.2
LKWV	Lake	130.53	31	ePKIKP	PKPdf	09 07 55.3	+1.7
H17A	Grant Village	130.56	31	↑P	PKPdf	09 07 53.5	-0.2
SBC	Santa Barbara	130.63	47	↑P	PKPdf	09 07 54.3	+0.1
K15A	Arbon	130.66	34	↑P	PKPdf	09 07 54.4	+0.5
P11A	Circle Ranch,	130.67	39	↑P	PKPdf	09 07 54.5	+0.5
O10A	Clear Creek Ra	130.67	40	↑P	PKPdf	09 07 54.4	+0.4
L14A	Malta	130.68	35	↑P	PKPdf	09 07 54.3	+0.3
RLMT	Red Lodge	130.71	30	↑P	PKPdf	09 07 54.2	+0.3
RLMT	Red Lodge	130.71	30	ePKPdf	PKPdf	09 07 52.2	-1.7
IMW	Indian Meadow	130.71	32	ePKPdf	PKPdf	09 07 54.6	+0.6
J16A	Bone	130.78	33	↑P	PKPdf	09 07 54.2	+0.1
DCID1	Drake Creek	130.79	32	ePKPdf	PKPdf	09 07 54.1	-0.1
CWC	Cottonwood Cre	130.82	44	↑P	PKPdf	09 07 54.9	+0.4
N13A	Wendover, West	130.85	37	↑P	PKPdf	09 07 54.6	+0.3
N13A	Wendover, West	130.85	37	ePKPdf	PKPdf	09 07 55.3	+0.9
O12A	Currie	130.88	38	↑P	PKPdf	09 07 54.8	+0.4
RR12	Red Ridge	130.88	33	ePKPdf	PKPdf	09 07 54.1	-0.2
I17A	Pilgrim Ck.	130.89	32	↑P	PKPdf	09 07 54.7	+0.4
ISA	Isabella	130.93	45	↑P	PKPdf	09 07 54.3	-0.4
ISA	Isabella	130.93	45	ePKPdf	PKPdf	09 07 54.5	-0.2
ARVC	Arvin	130.94	46	↑P	PKPdf	09 07 55.0	+0.3
M14A	Sheep Mountain	130.95	36	↑P	PKPdf	09 07 55.0	+0.4
LAO	LASA Array	130.96	26	ePKPdf	PKPdf	09 07 48.7	-5.7
TPAW	Teton Pass	130.99	32	ePKPdf	PKPdf	09 07 54.8	+0.3
GRAC	Grapevine Rang	131.02	43	↑P	PKPdf	09 07 55.5	+0.7
R10A	Warm Springs	131.03	41	↑P	PKPdf	09 07 55.2	+0.5
S10A	Tonopah Range,	131.04	42	↑P	PKPdf	09 07 55.0	+0.2
K16A	Soda Springs	131.09	33	↑P	PKPdf	09 07 55.1	+0.3
LOHW	Long Hollow	131.09	32	ePKPdf	SKPbc	09 07 54.7	0.0
LOHW	Hansel Valley	131.11	35	ePKIKP	PKPdf	09 11 28.1	-1.4
SNOW	Snow King Moun	131.11	32	ePKPdf	PKPdf	09 07 54.9	+0.2
REDW	Red Top Meadow	131.12	32	ePKPdf	PKPdf	09 07 54.7	+0.1
Q11A	Duckwater	131.14	40	↑P	PKPdf	09 07 55.2	+0.3
L15A	Malad City	131.19	35	↑P	PKPdf	09 07 54.8	-0.1
J17A	Grown Place, J	131.20	32	↑P	PKPdf	09 07 55.1	+0.1
P12A	McGill	131.25	39	↑P	PKPdf	09 07 55.4	+0.3
BLG	Laguna Peak	131.26	47	↑P	PKPdf	09 07 55.0	-0.3
OSI	Ostio Adit	131.26	46	↑P	PKPdf	09 07 55.4	0.0
SNCC	San Nicolas Is	131.31	49	↑P	PKPdf	09 07 55.7	+0.2
AHID	Auburn Hatcher	131.40	33	ePKPdf	PKPdf	09 07 55.8	+0.5
MPMC	Manual Prospec	131.42	44	↑P	PKPdf	09 07 56.0	+0.4
O13A	Hicks Ranch, I	131.43	38	↑P	PKPdf	09 07 55.5	0.0
N14A	Grayback Hills	131.46	36	↑P	PKPdf	09 07 55.9	+0.4
R11A	Troy Canyon, C	131.46	40	↑P	PKPdf	09 07 56.0	+0.5
M15A	Larsen Ranch,	131.50	35	↑P	PKPdf	09 07 55.5	0.0
BGU	Big Grass Mou	131.50	36	ePKPdf	PKPdf	09 07 56.2	+0.6
K17A	Gardner Place,	131.50	33	↑P	PKPdf	09 07 55.3	-0.2
Q12A	Willow Creek R	131.55	39	↑P	PKPdf	09 07 56.1	+0.4
SPUT	South Promonto	131.60	35	ePKPdf	PKPdf	09 07 56.0	+0.2
ULM	Lac du Bonnet	131.64	16	PKHkP	PKPdf	09 07 40.2	
ULM	comp=2.2,9nm,0.5s,baz=349,slow=3.5,SNR=5.2			PKP	PKPdf	09 07 54.2	-1.4
ULM	comp=2.6,9nm,1.0s,baz=353,slow=7.1,SNR=4.1			PP	PP	09 10 10.4	-4.4
ULM	comp=2.75nm,0.9s,baz=334,slow=4.5,SNR=6.7			SKPbc	SKPbc	09 11 12.8	-3.2
ULM	Lac du Bonnet	131.64	16	PKP	PKPdf	09 07 54.2	-1.4
ULM				PP	PP	09 10 10.4	-4.3
ULM				SKPbc	SKPbc	09 11 12.8	-3.2
FURC	Furnace Creek,	131.64	43	↑P	PKPdf	09 07 56.4	+0.4
EDW2	Edwards Air Fo	131.66	46	↑P	PKPdf	09 07 56.4	+0.4
J18A	Kendall Valley	131.67	32	↑P	PKPdf	09 07 55.5	-0.3
L16A	Fish Haven	131.72	34	↑P	PKPdf	09 07 56.0	+0.1
DECC	Green Verdugo	131.72	47	↑P	PKPdf	09 07 56.2	0.0
P13A	Rachel	131.75	41	↑P	PKPdf	09 07 56.5	+0.3
S11A	Bates Ranch, G	131.81	38	↑P	PKPdf	09 07 56.4	+0.1
N15A	Stansbury Isla	131.82	36	↑P	PKPdf	09 07 56.3	+0.2
HWUT	Hardware Ranch	131.91	35	ePKPdf	PKPdf	09 07 55.9	-0.5
HWUT				PP	PP	09 10 19.0	+1.9
HWUT				SKPbc	SKPbc	09 11 16.3	-1.0
MWC	Mount Wilson	131.94	47	ePKIKP	PKPdf	09 07 57.9	+1.3
L17A	Cokeville	131.97	34	↑P	PKPdf	09 07 56.2	-0.3
U10A	Ash Meadows, A	132.03	43	↑P	PKPdf	09 07 57.7	+0.1
K18A	Toltan Ranch,	132.06	32	↑P	PKPdf	09 07 57.0	+0.4
CIS	Catalina Islan	132.07	48	↑P	PKPdf	09 07 56.8	-0.1
DUG	Dugway	132.09	37	↑P	PKPdf	09 07 56.9	+0.1

DUG	Dugway	132.09	37	ePKPdf	PKPdf	09 07 57.2	+0.5
R12A	Pony Springs,	132.10	40	↑P	PKPdf	09 07 56.7	-0.1
Q13A	Whetler Ranch,	132.11	39	↑P	PKPdf	09 07 56.5	-0.3
NOQ	North Oquirrh	132.21	36	ePKPdf	PKPdf	09 07 57.4	+0.5
BFSO	Mount Baldy St	132.22	46	↑P	PKPdf	09 07 57.1	0.0
BW06	Whetler Array	132.22	32	↑P	PKPdf	09 07 56.0	-0.9
PDAR	Pinedale Array	132.22	32	PKHkP	PKPdf	09 07 40.0	
PDAR	comp=2.6,9nm,0.8s,baz=192,slow=1.0,SNR=20			PP	PP	09 07 55.9	-1.0
PDAR	comp=2.2,9nm,1.0s,baz=267,slow=1.5,SNR=4.2			SKPbc	SKPbc	09 11 16.8	-1.6
PDAR	comp=2.43nm,1.1s,baz=144,slow=1.3,SNR=17			PKP	PKP	09 07 55.9	-1.0
PDAR	Pinedale Array	132.22	32	PKP	PKPdf	09 07 55.9	-1.0
PDAR				SKPbc	SKPbc	09 10 17.5	-1.5
PDAR				SKPbc	SKPbc	09 11 16.8	-1.6
O15A	The Old Anders	132.24	36	↑P	PKPdf	09 07 57.4	+0.4
GSC	Goldstone	132.29	45	↑P	PKPdf	09 07 57.5	+0.3
GSC	Goldstone	132.29	45	ePKPdf	PKPdf	09 07 57.9	+0.7
P14A	Drum Mountains	132.31	38	↑P	PKPdf	09 07 57.7	+0.6
T11A	Corn Creek, Al	132.33	42	↑P	PKPdf	09 07 58.0	+0.7
SHOC	Shoshone	132.34	44	↑P	PKPdf	09 07 57.4	0.0
S12A	Delamar Landin	132.36	41	↑P	PKPdf	09 07 58.4	+1.1
RRX	Edison Barstow	132.37	45	↑P	PKPdf	09 07 57.7	+0.3
N16A	Edison Ranch, Co	132.45	35	↑P	PKPdf	09 07 57.3	-0.1
M17A	Scully Gap (B	132.50	34	↑P	PKPdf	09 07 56.7	-0.7
L18A	Fornelle, Gr	132.55	33	↑P	PKPdf	09 07 57.1	-0.4
Q14A	Sevier Lake (B	132.55	38	↑P	PKPdf	09 07 57.8	+0.2
K19A	Absolon Red Bu	132.56	31	↑P	PKPdf	09 07 56.2	-1.3
R13A	O'Grain Ranch,	132.60	40	↑P	PKPdf	09 07 58.2	+0.4
JLU	Jordanelle	132.63	35	ePKPdf	PKPdf	09 07 57.4	-0.4
U11A	Coal Creek	132.67	43	↑P	PKPdf	09 07 58.6	+0.6
BBRC	Big Bear Sol-O	132.74	46	↑P	PKPdf	09 07 58.5	+0.3
N17A	Moffit Pass	132.76	35	↑P	PKPdf	09 07 58.0	0.0
L19A	Farson	132.79	33	↑P	PKPdf	09 07 57.7	-0.3
P15A	Leamington	132.80	37	↑P	PKPdf	09 07 58.2	+0.1
TUQ	Turquoise Moun	132.83	44	↑P	PKPdf	09 07 58.7	+0.5
O16A	Springville	132.86	36	↑P	PKPdf	09 07 58.0	-0.2
MURC	Mureta	132.86	47	↑P	PKPdf	09 07 58.4	0.0
HEC	Hector,Ludlow	132.87	45	↑P	PKPdf	09 07 58.8	+0.4
DAU	Daniel Canyon	132.87	36	ePKIKP	PKPdf	09 07 58.4	+0.2
M18A	Lyman	132.87	34	↑P	PKPdf	09 07 58.2	0.0
MPU	Maple Canyon	132.90	36	ePKPdf	PKPdf	09 07 58.1	-0.2
K20A	Yellowstone Ra	132.94	31	↑P	PKPdf	09 07 57.4	-0.8
T12A	Moapa	132.95	42	↑P	PKPdf	09 07 58.7	+0.3
V11A	Goodsprings	132.96	43	↑P	PKPdf	09 07 59.0	+0.5
S13A	Holt Ranch, En	133.02	40	↑P	PKPdf	09 07 59.2	+0.6
Q15A	Fillmore	133.10	38	↑P	PKPdf	09 07 59.2	+0.5
R14A	James Farms, M	133.13					

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like X19A St. Johns, W200A Ramah, SDCO Great Sand Dun, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IZTN Oxford, OXF Nacogdoches, NATX Sewanee, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BYBT Boyabat, CANT Cankiri, ILGA ilgaz, etc.

CSEM 02 10:02:48.2; 42.62'N-45.90'E, h8km, mb3.9, After OBN

MOS 02 10:02:48.2; 1.0, 42.52N, 45.90E, h8km, mb3.9, 1.9C-4D, Error ellipse: s-maj=14.3km s-min=8.1km az=25.5, Eastern Caucasus

GUC 02 08:55:20.1±0.6, 23.62S-67.25W, h238km±7km, ML4.1, 5C, Chile-Argentina border region

IDC 02 09:01:00.5±15.0, 17.57S-179.21W, h622km±165km, mb3.5/6, mb1 3.7/6, mb1mx3.4/17, mbmtpp3.5/6, 1D, Error ellipse: s-maj=117.4km s-min=50.8km az=95.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BTLR Botlikh, UNCR Uncukul, UNCR Uncukul, etc.

ISK 02 10:07:08.3, 37.53N-28.08'E, h10km, MD2.7

ISCJB 02 10:07:11.9±0.5, 37.36N±0.03-28.06E±0.04, h1km±15km, Error ellipse: s-maj=6.0km s-min=4.1km az=26.7

CSEM 02 10:07:11.7±0.2, 37.33N-28.04E, h15km, MD2.7, Error ellipse: s-maj=5.1km s-min=3.9km az=16.0

DDA 02 10:07:12.3, 37.34N-28.04E, h7km±2km, MD3.0

ISC 02 10:07:12.1±0.6, 37.36N±0.03-28.05E±0.04, h12km±10km, n24, c0923/37, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MLSB Milas, YER Yerkisik, YER Yerkisik, etc.

TRQA Tornquist 9.78 74 ePn Pn 12.58 51.9 +0.2

Code Station Name Az Phase ID Time Res ISC h m s ISC
GUM0 Guam 4.73 187 Op Pn 13.04 34.1 +1.4
WARR Warramunga Ar 39.56 197 P P 13.10 26.5 0.0
ASAR Alice Springs 42.32 196 P P 13.10 56.1 0.0
MKAR Makanchi Array 58.59 314 P P 13.12 49.9 -0.1

CASC 02 13:29:10.0:1.7, 8.59N-82.97W, h0km, 15km, MD4.0, 1D, Panama-Costa Rica border region
Code Station Name Az Phase ID Time Res ISC h m s ISC

BUI 02 14:36:05.8, 5.01S:68.71E, h10km, mB5.3/38, mB5.2/58, MS5.4/68, MS7 5.2/55

ISCJB 02 14:36:08.0, 0.9, 4.86S:0.03:69.19E:0.02, h7km, 5km, mB5.4/280, MS5.2/250, Error ellipse: s-maj=4.6km s-min=3.7km az=173.3

IDC 02 14:36:08.0, 0.4, 4.85S:69.24E, h0km, mB5.1/23, mB1 5.2/24, mB1mx5.2/25, mBtmp5.2/24, ML6.0/1, MS4.9/25, MS1 4.9/25, ms1mx4.9/29, Error ellipse: s-maj=14.5km s-min=12.2km az=60.0

MOS 02 14:36:08.0, 1.0, 4.88S:69.26E, h10km, mB5.6/120, MS5.0/71, Error ellipse: s-maj=7.2km s-min=3.5km az=119.6

NEIC 02 14:36:10.8, 0.1, 4.88S:69.24E, h10km, mB5.5/161, MS5.3/182, MW5.6, MW5.7, Error ellipse: s-maj=4.4km s-min=3.4km az=205.0, Moment Tensor Solution. s54 Moment tensor: Scale 10^17Nm; Mr=2.06; Mw3.32; Mw=1.26; Mw=1.62; Mw=0.39; Mw=0.92; Best double couple: M=3.500000*10^17 NP1=296.000000, delta.000000, lambda.64.000000, NP2=67.000000, delta.35.000000, lambda.133.000000. Principal axes: T 3.8500, P16.160000, Azm7.0000; N -0.9500, P12.300000, Azm104.0000; P -2.9000, P16.900000, Azm245.0000

GCMT 02 14:36:10.8, 0.1, 4.88S:69.23E, h12km, MW5.7/109, Moment Tensor Solution. s89,c161; s109,c318; Duration: 188 Moment tensor: Scale 10^17Nm; Mr=2.90; Mw=4.63; Mw=1.73; Mw=1.04; Mw=0.21; Mw=1.36; Mw=1.24; Mw=1.13; Best double couple: M=4.663000*10^17 NP1=75.000000, delta.36.000000, lambda.130.000000, NP2=301.000000, delta.63.000000, lambda.65.000000. Principal axes: T 5.5000, P15.150000, Azm13.0000; N -1.6750, P12.200000, Azm109.0000; P -3.8260, P16.300000, Azm252.0000; nstai refers to body waves, cutoff=40s. nstai2 refers to surface/mantle waves, cutoff=50s.

DJA 02 14:36:12.4, 9.73S:69.24E, h11km, MW5.8/37

SZGRF 02 14:36:20.8, 4.66S:68.16E, h47km, mB5.6, MS4.7, Chagos Archipelago region

ISC 02 14:36:11.0, 0.1, 4.88S:0.03:69.19E:0.02, h10km, (h14km, 1.8km, pP-P), n983, c1908/815, mB5.4/280, MS5.2/250, 43C-35D, Chagos Archipelago region

Code Station Name Az Phase ID Time Res ISC h m s ISC
DGAR Diego Garcia 4.11 128 Op Pn 14.37 10.0 -4.0
DGAR Diego Garcia 4.11 128 eP Pn 14.37 54.7 -7.4
MSEY Mahe Island 13.66 270 Pn Pn 14.39 29.6 +4.5
MSEY Mahe Island 13.66 270 eP Pn 14.39 27.0 +1.9
MSEY Mahe Island 13.66 270 eP Pn 14.39 27.0 +1.9
TRD Trivandrum 15.40 301 ix Pn 14.39 44.0 -4.6
TRD Trivandrum 15.40 301 ix Pn 14.42 26.0
PALK Pallekele 16.67 44 Pn Pn 14.40 06.1 +1.1
PALK Pallekele 16.67 44 Pn Pn 14.40 04.9 -0.1
PALK Pallekele 16.67 44 Pn Pn 14.42 55.1 -1.5
PALK Pallekele 16.67 44 Pn Pn 14.45 05.8
PALK Pallekele 16.67 44 Pn Pn 14.40 04.9 -0.1
PALK Pallekele 16.67 44 Pn Pn 14.40 06.5 +1.5
GOA Goa 20.76 131 ix P 14.40 53.9 +1.6
GOA Goa 20.76 131 ix P 14.44 47.1 +3.0
RER Riviere de l'E 20.78 218 eP P 14.40 55.3 +2.8

KAD Karad 22.59 13 eP P 14.41 12.2 +0.3
KAD Karad 22.59 13 eP P 14.41 19.7
KAD Karad 22.59 13 eP P 14.45 20.7 +0.6
POO Poona 23.71 11 eP P 14.41 22.8 -0.7
POO Poona 23.71 11 eP P 14.41 36.1
POO Poona 23.71 11 eP P 14.45 37.2
HYB Hyderabad 24.01 22 ix P 14.41 25.0 -1.3
HYB Hyderabad 24.01 22 ix P 14.45 46.0 +2.6
OPO Ambohidratempo 25.43 236 P P 14.41 39.3 +0.1
ABPO Ambohimpanom 25.62 235 P P 14.41 46.9 +6.0
ABPO Ambohimpanom 25.62 235 eP P 14.41 40.5 -0.4
ABPO Ambohimpanom 25.62 235 eP P 14.41 40.5 -0.4
NBP Nagpur 27.62 20 ix P 14.41 54.8 -4.1
NBP Nagpur 27.62 20 ix P 14.42 27.6
BHU Bhuj 27.97 11 eP P 14.42 01.6 -0.4
BHU Bhuj 27.97 11 eP P 14.42 10.0

COCO West Island 28.27 107 PFAKE LR 14.42 20.0 +1.5
BHPH Bhopal 29.09 16 eP P 14.42 13.0 +1.0
JBP Jabalpur 29.81 20 ix P 14.42 16.9 -1.5
JBP Jabalpur 29.81 20 ix P 14.42 24.0
JBP Jabalpur 29.81 20 ix P 14.47 12.5
BSY Bisya 29.85 337 ix P 14.42 20.9 +2.1
HOQ Hoqain 30.57 338 ix P 14.42 27.0 +1.9
ARQ Araqi 30.65 337 ix P 14.42 29.1 +3.2
JASL Jaisalmer 31.66 3 eP P 14.42 34.8 +0.1
HATD Hatta, Dubai 32.14 337 ix P 14.42 41.2 +2.2
FAQ Al Faqa, Dubai 32.28 336 ix P 14.42 41.1 +0.9
NAZ Nazwa, Dubai 32.47 337 ix P 14.42 44.9 +3.0
WNDE Wendo Genet 32.73 291 eP P 14.42 46.4 +2.1

KULM Kulim 33.01 73 P P 14.42 47.8 +1.0

KULM Kulim 33.01 73 eP P 14.42 46.5 -0.3
AGRA Agra 33.03 14 eP P 14.42 45.2 -1.5
AGRA Agra 33.03 14 eP P 14.42 48.4
CAL Calcutta 33.07 34 eP S 14.42 50.8 +3.6
IPM Ipoh 33.14 74 P P 14.42 50.1 +2.2
KHET Khetri 33.38 11 eP P 14.42 49.7 -0.1
KHET Khetri 33.38 11 eP P 14.42 55.2

AYAN Aya Nagar 34.04 13 eP P 14.42 54.5 -1.0
AYAN Aya Nagar 34.04 13 eP P 14.43 01.2
NDI New Delhi 34.26 13 ex P 14.42 54.5 -2.9
KGM Kluang 34.78 79 P P 14.43 04.5 +2.3
MYKOM Kota Tinggi 35.26 80 eP P 14.43 08.3 +2.0
MYKOM Kota Tinggi 35.26 80 eP P 14.43 08.5 +2.3
KOLN Koldana 35.32 22 eP P 14.43 05.9 -0.7

LGTI Lohaghat 35.75 17 eP P 14.43 11.3 +1.0
DMN Damam 35.77 25 eP P 14.43 10.6 +0.1
AGT Agartala 35.78 36 eP P 14.43 12.0 +1.4
PTH Pithoragarh 35.84 17 ex P 14.43 06.0
RAM Ramite 35.85 27 eP P 14.43 11.8 +0.6

PKI Pulchoki 35.87 25 eP P 14.43 11.5 +0.2
PKI Pulchoki 35.87 25 eP P 14.43 11.5 +0.2
PKIN Phulchoki 35.87 25 eP P 14.43 11.5 +0.2
DANN Dargsha 35.90 22 eP P 14.43 11.5 -0.1
GKN Gorkha 35.93 24 eP P 14.43 11.7 -0.2

KKN Kakani 36.01 25 eP P 14.43 12.5 0.0
KKN Kakani 36.01 25 eP P 14.43 12.5 0.0
DDI Dehra Dun 36.02 13 eP P 14.43 10.8 -1.8
ODAN Odare 36.14 28 eP P 14.43 13.8 +0.1

JIRN Jiri 36.28 26 eP P 14.43 14.8 0.0
GUN Gumba 36.36 25 eP P 14.43 15.8 +0.2
XMIS Christmas Isla 36.54 101 eP P 14.43 18.1 +0.8
JOSI Simla 36.61 15 eP P 14.43 17.7 +0.1
SMLA Simla 36.61 12 eP P 14.43 18.5 +0.1

TAPN Taping 36.70 28 eP P 14.43 18.6 +0.1
NST Nakhon Sawan 36.82 56 P P 14.43 20.0 +0.4
KLP Kalpa 37.23 13 eP P 14.43 23.6 +0.7
SHL Shillong 37.44 35 eP P 14.43 25.0 +0.2
SHL Shillong 37.44 35 eP P 14.49 15.0 +1.6

CHTO Chiang Mai 37.60 50 eP P 14.43 26.6 +0.4
CHTO Chiang Mai 37.60 50 eP P 14.43 26.6 +0.4
CHTO Chiang Mai 37.60 50 eP P 14.43 26.9 +0.7
CHTO Chiang Mai 37.60 50 eP P 14.43 26.9

THN Thein Dam 37.62 9 eP P 14.43 24.9 -1.3
LEM Lem 38.21 12 eP P 14.43 23.9 -2.7
CHRT Chiangrai 38.66 50 ix P 14.43 37.5 +0.7
QRN Al-Qurain 39.20 330 eP P 14.43 38.5 -1.0
QRN Al-Qurain 39.20 330 eP P 14.43 44.2

KKTK Khon Kaen 39.39 57 P P 14.43 43.0 +1.7
RDF Al-Radifah 39.53 329 eP P 14.43 41.2 -1.1
RDF Al-Radifah 39.53 329 eP P 14.43 47.4
KBD Kabd 39.66 330 eP P 14.43 42.8 -0.7
KBD Kabd 39.66 330 eP P 14.43 46.7

LSA Lhasa 40.33 30 P P 14.43 47.6 -1.3
LSA Lhasa 40.33 30 P P 14.49 48.4 -8.4
LSA Lhasa 40.33 30 P P 14.43 50.1 +1.2
LSA Lhasa 40.33 30 P P 14.43 50.1 +1.2

KSM Kuching 41.56 82 eP P 14.43 59.7 +0.3
KSM Kuching 41.56 82 eP P 14.43 58.6 -0.8
KSM Kuching 41.56 82 eP P 14.43 58.6 -0.8
MSNA Messina 41.65 242 eP P 14.43 58.2 -1.8
MSNA Messina 41.65 242 eP P 14.59 10.8

POGA Pongola 42.19 234 eP P 14.44 02.3 -2.0
POGA Pongola 42.19 234 eP P 14.58 23.7
SBUM Sibiu 43.81 61 P P 14.44 16.5 +0.4
ABKT Ailbek 43.82 347 P P 14.44 17.4 +0.1

KSH KSH 44.25 73 eScS ScS 14.54 15.0 -6.9

KSH KSH 44.25 73 eScS ScS 14.54 15.0 -6.9
KSH KSH 44.25 73 eScS ScS 14.54 15.0 -6.9
KSH KSH 44.25 73 eScS ScS 14.54 15.0 -6.9

BHD Baghdad 44.63 330 eS P 14.44 21.0 -2.9
BHD Baghdad 44.63 330 eS P 14.50 54.0 -6.2
KSD Kokstad 45.29 231 eP P 14.44 26.2 -3.0
KSD Kokstad 45.29 231 eP P 15.00 03.8

PRYS Parys 45.49 237 eP AMS P 14.44 30.2 -0.7
PRYS Parys 45.49 237 eP AMS P 15.01 04.2
KSR Koster 45.50 238 ix P AMS P 14.44 31.4 +0.4
KSR Koster 45.50 238 ix P AMS P 14.57 39.5

SEK Senekal 45.80 235 eP P 14.44 33.4 +0.1
LBTB Lobatse 46.34 240 eP P 14.44 37.1 -0.6
LBTB Lobatse 46.34 240 eP P 14.44 37.1 -0.6
LBTB Lobatse 46.34 240 eP P 14.44 37.1 -0.6

QIZ Qiongzong 46.55 58 P P 14.44 38.4 -1.0
QIZ Qiongzong 46.55 58 P P 14.44 39.1 -0.6
QIZ Qiongzong 46.55 58 P P 14.44 43.4 -0.3
QIZ Qiongzong 46.55 58 P P 14.46 28.0 -0.8

AML Almayashu 46.97 5 P P 14.44 41.7 -0.5
AML Almayashu 46.97 5 P P 14.44 41.8 -0.4
AML Almayashu 46.97 5 P P 14.44 41.8 -0.4
KZA Kyzart 47.06 6 P P 14.44 43.4 +0.4

UCH Uchtor 47.14 5 P P 14.44 43.9 +0.4
UCH Uchtor 47.14 5 P P 14.44 43.4 -0.1
ULHL Ulahoh 47.34 7 P P 14.44 50.5 +5.4
EKS2 Erkin-Say 47.50 5 P P 14.44 45.7 -0.6

EKS2 Erkin-Say 47.50 5 eP P 14.44 45.6 -0.8
EKS2 Erkin-Say 47.50 5 eP P 14.44 47.2 +0.6
AAK Ala-Archa 47.54 5 P P 14.44 46.4 -0.2
AAK Ala-Archa 47.54 5 eP P 14.44 46.4 -0.2

AAK Ala-Archa 47.54 5 P P 14.44 46.7 0.0
AAK Ala-Archa 47.54 5 eP P 14.44 46.4 -0.2
AAK Ala-Archa 47.54 5 P P 14.44 46.7 0.0
AAK Ala-Archa 47.54 5 P P 14.44 46.7 0.0

MSL Mosul 47.77 331 eP P 14.44 51.0 +2.4
MSL Mosul 47.77 331 eP P 14.51 50.0 +4.8
GYA Guiyang 47.83 47 ix P 14.44 50.7 +1.5
GYA Guiyang 47.83 47 ix P 14.46 18.9 +0.9

BOSA Boshof 47.84 235 eP P 14.44 48.5 -0.8
BOSA Boshof 47.84 235 eP P 14.44 48.9 -0.8
BOSA Boshof 47.84 235 eP P 14.44 48.8 -0.6
BOSA Boshof 47.84 235 eP P 15.01 49.4

CHMS Chumysh 47.92 6 P P 14.44 53.6 +4.0
TKM2 Tokmak 2 47.93 6 eP P 14.44 48.8 -0.9
TKM2 Tokmak 2 47.93 6 eP P 14.44 48.8 -0.9
TKM2 Tokmak 2 47.93 6 P P 14.44 49.2 -0.5

TKM2 Tokmak 2 47.93 6 eP P 14.44 48.8 -0.9
TKM2 Tokmak 2 47.93 6 eP P 14.44 48.8 -0.9
TKM2 Tokmak 2 47.93 6 eP P 14.44 48.8 -0.9
TKM2 Tokmak 2 47.93 6 eP P 14.44 48.8 -0.9

GRM Grahamstown 48.73 229 eP AMS P 14.44 52.5 -3.6
GRM Grahamstown 48.73 229 eP AMS P 15.01 03.2

2d 14h

2008 APR

Table with columns: STKA, Name, Time, Elevation, Azimuth, Azimuth Error, and other parameters. Includes stations like Stephens Creek, Wetzell, Moosalm, FETA, BRG, etc.

Table with columns: STKA, Name, Time, Elevation, Azimuth, Azimuth Error, and other parameters. Includes stations like GRF, CALN, FRF, LMR, LMR, FINES, etc.

Table with columns: STKA, Name, Time, Elevation, Azimuth, Azimuth Error, and other parameters. Includes stations like CABF, CABF, CABF, CDF, CDF, HINF, etc.

2d 14h

Table of astronomical observations for 2d 14h, listing station names, coordinates, and observation details.

2008 APR

Table of astronomical observations for 2008 APR, listing station names, coordinates, and observation details.

68

Table of astronomical observations for 68, including station names, coordinates, and observation details.

ISCJB 02 14:47:22.0, 40.84N, 0.05, 39.67E, 0.06, h13km, 5km, Error ellipse: s-maj=9.6km s-min=5.2km az=143.1

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

ISC 02 14:52:24.2, 37.30N, 28.19E, h5km, MD2.6 Error ellipse: s-maj=6.2km s-min=4.2km az=19.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TURUNC, TASOLUK, DALYAN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SNZO, QRZ, THWZ, etc.

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

IS/CJB 02 14:55:07.7-0.6, 22.94S:01.05:66.32W:0.08, h243km, 8km, mb3.7/8, Error ellipse: s-maj=11.7km s-min=7.6km az=168.2

NEIC 02 14:55:08.0-0.6, 22.97S:66.28W, h238km, 7km, mb4.2/5, Error ellipse: s-maj=10.6km s-min=8.0km az=69.0

ICD 02 14:55:08.1-1.0, 22.88S:66.20W, h230km, 11km, mb3.6/7, mb1.3/7.1, mb1mx3.6/19, mbtmp3.5/11, Error ellipse: s-maj=18.5km s-min=13.1km az=67.0

GUC 02 14:55:10.0-0.6, 22.64S:66.74W, h263km, 7km, MLLS.0, Error ellipse: s-maj=14.5km s-min=11.3km az=67.0

ISC 02 14:55:08.6-0.6, 22.91S:01.05:66.32W:0.08, h235km, 8km, n33, f106/42, mb3.7/8, SC, JCUJ, Province

Code Station Name Az Az' Phase ID Time Res. Includes stations like VIVAC, CATARMAN, BORANGAN, etc.

Code Station Name Az Az' Phase ID Time Res. Includes stations like PALP, XAN, XAM, etc.

Code Station Name Az Az' Phase ID Time Res. Includes stations like STKA, MKAR, ZALV, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VIVAC, CATARMAN, BORANGAN, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MACH, MECH, ANCH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PALP, XAN, XAM, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PALP, XAN, XAM, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LCO, CFAA, CPUP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PALP, XAN, XAM, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PLCA, TXAR, DBIC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PALP, XAN, XAM, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TOR, PORD, TSDR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PALP, XAN, XAM, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SCH, BOS, YKA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PALP, XAN, XAM, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PALP, XAN, XAM, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM, PUZ, URZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PALP, XAN, XAM, etc.

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

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

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

NEIC 02 16:19:03.6, 18.16N:100.46W, h64km, MD3.6(MEX), After MEX. MEX 02 16:19:03.6-0.6, 18.16N:100.46W, h64km, 11km, MD3.6, Guerrero

Table with columns: TWC, Suao, 0.93 317, P, Pg, 17 24 22.8, -0.1, Sg, 17 24 35.1, +0.1, Pg, 17 24 23.8, -0.8, ESL, 1.02 264, P, Sg, 17 24 36.7, -1.2, ILA, 1.11 319, eP, Pg, 17 24 26.7, +0.3, TWE, 1.13 315, iP, Pg, 17 24 26.6, -0.1, TWE, 1.14 309, iP, Pg, 17 24 26.8, -0.2, ENTT, 1.16 69, P, Sg, 17 24 27.4, +0.1, IRIF, 1.16 83, P, Sg, 17 24 27.6, +0.2, HATJ, 1.19 296, P, Sg, 17 24 43.1, +0.6, NNS, 1.19 296, P, Sg, 17 24 27.3, -0.5, WHF, 1.19 281, iP, Pg, 17 24 27.1, -0.7, WHF, 1.19 250, iP, Pg, 17 24 26.9, -1.0, EHY, 1.19 250, iP, Sg, 17 24 42.5, -0.9, TWB1, 1.19 335, P, Pg, 17 24 27.2, -0.8, TWB1, 1.26 245, eP, Pn, 17 24 43.2, -0.2, YULB, 1.26 245, eP, Pn, 17 24 43.1, -1.7, YULB, 1.27 244, iP, Sb, 17 24 43.5, -2.1, TW1, 1.29 285, P, Pn, 17 24 29.4, -0.2, YHNB, 1.30 305, eP, Pn, 17 24 28.6, -1.1, NSK, 1.32 305, P, Pn, 17 24 29.1, -0.8, NWF, 1.34 329, iP, Sg, 17 24 46.9, -0.3, CHKT, 1.35 233, P, Pn, 17 24 47.9, 0.0, CHKT, 1.37 321, P, Sg, 17 24 44.7, -3.6, TWA, 1.37 321, P, Pn, 17 24 30.2, -0.5, TWA, 1.38 77, P, Pn, 17 24 49.0, +0.2, JKRS, 1.42 318, eP, Pn, 17 24 30.8, 0.0, TATO, 1.45 320, eP, Pn, 17 24 30.0, +1.0, TAPI, 1.45 320, eP, Pn, 17 24 31.2, -0.5, SSSL, 1.46 265, eP, Pn, 17 24 30.5, -1.4, SMLT, 1.50 269, iP, Pn, 17 24 32.0, -0.5, SMLT, 1.52 254, P, Sg, 17 24 50.8, -1.6, YUS, 1.52 254, P, Pn, 17 24 32.6, -0.1, YUS, 1.53 73, P, Sg, 17 24 51.7, -1.1, JIJ, 1.54 270, iP, Sg, 17 24 32.3, -0.5, JIJ, 1.54 270, iP, Sg, 17 24 51.3, -1.7, TYC, 1.54 270, iP, Sg, 17 24 32.6, -0.5, TYC, 1.56 319, P, Pn, 17 24 52.1, -1.3, TWS1, 1.57 297, P, Pn, 17 24 32.7, -0.5, NSTT, 1.57 297, P, Pn, 17 24 32.7, -0.5, NSTT, 1.58 243, iP, Pn, 17 24 33.8, +0.4, ELDTW, 1.58 243, iP, Pn, 17 24 53.4, -0.8, ELDTW, 1.60 328, eP, Pn, 17 24 32.3, -1.2, TCU, 1.60 328, eP, Sg, 17 24 50.3, -4.0, NCU, 1.62 310, eP, Pn, 17 24 34.7, -0.3, ALS, 1.62 256, iP, Pn, 17 24 34.1, +0.3, ALS, 1.67 285, P, Pn, 17 24 55.0, -0.8, TWQ1, 1.67 285, P, Pn, 17 24 35.6, +0.8, TWQ1, 1.70 287, eP, Sg, 17 24 57.1, +0.6, NSY, 1.70 287, eP, Pn, 17 24 36.1, +0.9, WNT, 1.70 269, P, Pn, 17 24 36.0, +0.8, WNT, 1.72 278, P, Pn, 17 24 57.5, +0.2, TCU, 1.72 278, P, Pn, 17 24 36.5, +1.1, TCU, 1.74 260, P, Pn, 17 24 58.5, +0.7, CHN5, 1.74 260, P, Pn, 17 24 36.2, +0.5, CHN5, 1.74 231, eP, Sg, 17 24 59.1, +0.9, TWG, 1.74 231, eP, Pn, 17 24 34.5, -1.3, PCYT, 1.75 346, P, Pn, 17 24 34.7, -1.1, WGK, 1.83 263, eP, Pn, 17 24 35.0, -0.9, TGK, 1.86 251, eP, Sg, 17 24 38.1, +1.1, TPUB, 1.86 251, eP, Sg, 17 25 01.4, +0.9, TPUB, 1.88 253, eP, Sg, 17 25 01.2, -1.0, CHN4, 1.88 253, eP, Sg, 17 24 38.8, +1.2, CHN4, 1.89 250, P, Pn, 17 25 03.1, +1.5, WTP, 1.89 250, P, Pn, 17 24 38.5, +0.7, WTP, 1.93 259, eP, Pn, 17 25 02.7, +0.7, CHN2, 1.93 259, eP, Pn, 17 24 40.0, +1.6, CHN2, 1.97 228, P, Pn, 17 25 04.5, +1.4, ECL, 1.97 228, P, Pn, 17 24 37.7, -1.2, ECL, 1.99 258, P, Pn, 17 25 00.8, -3.1, CHY, 1.99 258, P, Pn, 17 24 40.3, +1.1, CHY, 1.99 249, P, Pn, 17 25 06.2, +1.9, CHN1, 1.99 249, P, Pn, 17 24 40.2, +1.1, CHN1, 1.99 251, P, Pn, 17 25 05.6, +1.2, TWK, 1.99 251, P, Pn, 17 24 40.4, +1.1, TWK, 2.07 269, eP, Pn, 17 25 06.2, +1.7, WTCT, 2.07 269, eP, Pn, 17 24 41.4, +1.1, WTCT, 2.08 206, iP, Pn, 17 25 08.1, +1.7, LAY, 2.08 206, iP, Pn, 17 24 38.6, -1.9, JTY, 2.10 70, P, Pn, 17 24 41.1, +0.4

Table with columns: SSD, Sandimen, 2.11 237, eP, Pn, 17 24 41.6, +0.7, WSF, 2.14 263, eP, Pn, 17 24 42.6, +1.2, WSF, 2.17 248, eP, Sg, 17 25 09.8, +1.6, CHN3, 2.17 248, eP, Sg, 17 24 43.7, +2.0, CHN3, 2.17 225, eS, Sg, 17 25 11.5, +2.6, TAW, 2.19 226, eP, Sg, 17 25 06.5, -2.4, EAST, 2.21 255, eP, Pn, 17 24 41.2, -0.7, CHN8, 2.21 255, eP, Pn, 17 24 42.9, +0.6, CHN8, 2.28 251, eP, Pn, 17 25 10.4, +0.4, SGLT, 2.23 241, eP, Pn, 17 24 45.5, +3.0, SGLT, 2.23 241, eP, Pn, 17 24 45.2, +2.6, TWM1, 2.28 251, eP, Sg, 17 25 13.3, +2.9, SCLT, 2.28 251, eP, Sg, 17 24 44.7, +1.5, SCZT, 2.35 229, eP, Pn, 17 24 45.3, +1.2, TSEB, 2.52 217, eP, Pn, 17 24 48.6, +2.2, TSEB, 2.53 221, eP, Sg, 17 25 17.6, +0.1, HEN, 2.53 221, eP, Sg, 17 24 48.4, +1.8, HEN, 2.54 219, eP, Sg, 17 25 17.2, -0.5, TWK1, 2.54 219, eP, Sg, 17 24 46.7, -0.1, TWK1, 2.74 72, eS, Sg, 17 25 16.8, -1.2, JNGS, 2.76 263, P, Pn, 17 25 23.1, +0.1, POG, 2.76 263, P, Pn, 17 24 49.7, -0.1, QZH, 3.79 278, eP, Pn, 17 25 03.5, +0.2, QZH, 3.79 278, eP, Pn, 17 25 44.4, -3.3, KNM, 3.79 278, eP, Pn, 17 25 04.6, +0.7, KNM, 4.59 09, eP, Sg, 17 25 47.6, -1.2, SONM, 27.10 336, P, Pn, 17 29 45.2, -3.3, MKAR, 39.39 316, P, Pn, 17 31 33.3, -2.1, WRAB, 45.08 164, P, Pn, 17 32 21.1, -0.9, WRA, 45.09 164, P, Pn, 17 32 19.2, -2.8, ASAR, 48.57 166, P, Pn, 17 32 49.2, 0.0, FINES, 72.30 330, P, Pn, 17 35 28.6, -2.5, YKA, 82.73 23, P, Pn, 17 36 26.5, -2.9, ISCJB, 0.17:33:33.9, 0.6, 1.38N, 0.04, 122.77E, 0.04, h51km, 7km, mb4.1/13, Error ellipse: s-maj=7.4km s-min=6.0km az=4.3, NEIC, 0.17:33:34.4, 6.2, 1.27N, 122.75E, h37km, 60km, mb4.3/6, Error ellipse: s-maj=31.3km s-min=10.0km az=56.0, IDC, 0.17:33:35.0, 0.8, 1.22N, 122.72E, h40km, 7km, mb3.8/8, mb1.3/9, mb1mx3.8/19, mbtmpt3.8/9, MS4.1/1, Ms1.3/4, ms1mx2.5/21, Error ellipse: s-maj=45.2km s-min=13.1km az=66.0, DJA, 0.17:33:36, 1.22N, 122.92E, h64km, MLV4.5/9, ISC, 0.17:33:35.6, 0.5, 1.36N, 0.04, 122.79E, 0.05, h50km, 7km, h38km, 5.1km, pP, n54, a130/53, mb4.1/13, 1-C-1D, Minahasa Peninsula, Sulawesi

Table with columns: STKA, Stephens Creek, 37.56 153, eP, P, 17 40 45.4, +0.2, LSA, 41.22 316, eP, P, 17 41 17.4, +1.6, GTA, 43.28 334, eP, P, 17 41 34.7, +2.3, Gaotai, 43.28 334, eP, P, 17 41 40.9, -4.8, comp=Z, 0.3nm, 0.7s, mb4.1, 17 42 14.1, +1.3, SONM, 48.42 345, P, P, 17 42 26.1, -0.1, comp=Z, 1.0nm, 0.8s, mb3.9, baz=154, slow=8.7, SNR=8.2, 17 43 38.9, +0.4, SONM, 48.42 345, P, P, 17 43 38.9, +0.4, SONM, 48.42 345, P, P, 17 43 50.7, MKAR, 57.35 328, P, P, 17 43 19.9, +1.3, MKAR, 57.35 328, P, P, 17 43 19.9, +1.3, MKAR, 57.35 328, P, P, 17 43 19.9, +1.3, ZALV, 60.99 335, P, P, 17 43 44.0, +0.3, KURK, 61.70 330, eP, P, 17 43 47.9, -0.7, VNDA, 81.61 172, P, P, 17 45 48.0, +0.3, VNDA, 81.61 172, P, P, 17 45 59.5, -2.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC, KARP, Karpathos, 0.77 304, eP, P, 17 51 15.2, -0.4, ARG, Arkhangelos, 1.10 8, eP, P, 17 51 21.0, -1.0, ARG, Arkhangelos, 1.10 8, eP, P, 17 51 21.0, -1.0, ZKR, Zakros, 1.42 270, eP, P, 17 51 31.0, +3.3, DAL, Datica, 1.63 350, P, P, 17 51 32.9, +0.5, DAL, Dalyan (Mudla), 1.73 19, eP, P, 17 51 32.0, +0.4, AKAS, Kas, 1.75 50, iS, S, 17 51 55.1, +1.0, AKAS, Kas, 1.75 50, iS, S, 17 51 52.8, -1.6, AKAS, Kas, 1.75 50, iS, S, 17 51 52.8, -1.6, TURN, Turunc, 1.82 17, eP, S, 17 51 30.8, -2.1, TURN, Turunc, 1.82 17, eP, S, 17 51 30.8, -2.1, NPS, Neapolis, 1.92 275, eP, P, 17 51 34.5, +2.5, NPS, Neapolis, 1.92 275, eP, P, 17 51 37.5, -0.1, BDRM, Kayabasi, 1.98 348, iP, P, 17 51 35.6, +0.6, BDRM, Kayabasi, 1.98 348, iP, P, 17 52 00.4, +0.3, BDRM, Kayabasi, 1.98 348, iP, P, 17 51 35.6, +0.7, BDRM, Kayabasi, 1.98 348, iP, P, 17 52 00.4, +0.3, BOD, Bodrum, 2.00 345, eP, P, 17 51 34.3, -0.9, LAST, Lasithi, 2.02 272, eP, P, 17 51 40.7, +1.1, LAST, Lasithi, 2.02 272, eP, P, 17 51 40.7, +1.1, YER, Yerkesik, 2.02 8, eP, P, 17 51 35.4, -0.2, MLBS, Milas, 2.17 356, eP, P, 17 51 36.8, -0.8, ELI, Elmali, 2.27 44, eP, P, 17 51 39.5, +0.5, GOLH, Golhisar, 2.48 31, iP, P, 17 51 44.5, -1.3, GOLH, Golhisar, 2.48 31, iP, P, 17 52 28.9, +8.3, GOLH, Golhisar, 2.48 31, iP, P, 17 51 44.5, -1.4, GOLH, Golhisar, 2.48 31, iP, P, 17 52 28.9, +8.3, IDI, Anoyia, 2.51 275, eP, P, 17 51 47.4, -1.5, IDI, Anoyia, 2.51 275, eP, P, 17 51 47.4, -1.5, AYDN, Tasuluk, 2.53 359, eP, S, 17 51 44.0, +1.4, AYDN, Tasuluk, 2.53 359, eP, S, 17 52 14.1, +0.3, AYDN, Tasuluk, 2.53 359, eP, S, 17 51 44.0, +1.5, AYDN, Tasuluk, 2.53 359, eP, S, 17 52 14.1, +0.4, DNZL, Cakirokul, 2.71 19, eP, P, 17 51 50.8, +1.0, DNZL, Cakirokul, 2.71 19, eP, P, 17 52 31.1, +0.1, DNZL, Cakirokul, 2.71 19, eP, P, 17 51 50.8, +1.0, DNZL, Sutiuce-Ispart, 3.41 46, eP, P, 17 52 29.1, +1.2, SUTC, Sutiuce-Ispart, 3.41 46, eP, P, 17 51 55.2, +0.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC, GUC, 0.18:00:22.5, 0.8, 33.16S, 70.25W, h6km, 4km, MD3.5, ML2.2, 2C-3D, Chile-Argentina border region, FCH, Farellones, 0.17 192, eP, P, 18 00 26.7, +0.7, FCH, Farellones, 0.17 192, eP, P, 18 00 29.5, +1.2, FCH, Farellones, 0.17 192, eP, P, 18 00 30.1, CLCH, Cerro Calahu, 0.34 226, iP, P, 18 00 29.6, +0.5, CLCH, Cerro Calahu, 0.34 226, iP, P, 18 00 34.6, +1.1, CLCH, Cerro Calahu, 0.34 226, iP, P, 18 00 37.3, PEL, Peledhue, 0.37 272, iP, P, 18 00 29.6, 0.0, PEL, Peledhue, 0.37 272, iP, P, 18 00 34.8, +0.4, PEL, Peledhue, 0.37 272, iP, P, 18 00 35.8, PCH, Pirque, 0.51 206, eP, P, 18 00 32.6, +0.2, PCH, Pirque, 0.51 206, eP, P, 18 00 40.2, -1.1, LMEL, Las Melosas, 0.69 177, eP, P, 18 00 35.5, -0.2, LMEL, Las Melosas, 0.69 177, eP, P, 18 00 45.4, +0.7, LMEL, Las Melosas, 0.69 177, eP, P, 18 00 46.0, TACH, Talagante, 0.76 229, iP, P, 18 00 36.9, -0.2, TACH, Talagante, 0.76 229, iP, P, 18 00 47.4, +0.4, CHCH, Chadas Angostu, 0.84 204, eP, P, 18 00 38.6, -0.1, CHCH, Chadas Angostu, 0.84 204, eP, P, 18 00 49.9, +0.2, CACH, El Canelo, 1.00 197, iP, P, 18 00 42.0, +0.3, LNV, Longovio, 1.25 230, iP, P, 18 00 45.2, -1.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC, NEIC, 0.18:25:49.0, 45.00S, 167.50E, h89km, ML4.0(WEL), After WEL, WEL, 0.18:25:49.7, 0.2, 45.01S, 167.56E, h83km, 2km, ML3.9/18, 2C-10D, Error ellipse: s-maj=1.7km s-min=1.1km az=90.0, South Island, MSZ, Milford Sound, 0.43 38, Op, P, 18 26 13.5, +0.4, MSZ, Milford Sound, 0.43 38, Op, P, 18 26 13.6, +0.5, MSZ, Milford Sound, 0.43 38, Op, P, 18 26 13.1, -0.1, MSZ, Milford Sound, 0.43 38, Op, P, 18 26 13.4, +0.3, MSZ, Milford Sound, 0.43 38, Op, P, 18 26 15.4, +0.2, DCZ, Deep Cove, 0.55 211, AML, P, 18 26 03.7, -0.5, DCZ, Deep Cove, 0.55 211, AML, P, 18 26 14.6, -0.3, DCZ, Deep Cove, 0.55 211, AML, P, 18 26 03.7, -0.5, DCZ, Deep Cove, 0.55 211, AML, P, 18 26 14.6, -0.2, MLZ, Mavora Lakes, 0.55 128, P, P, 18 26 16.0, MLZ, Mavora Lakes, 0.55 128, P, P, 18 26 04.0, -0.2, MLZ, Mavora Lakes, 0.55 128, P, P, 18 26 14.9, 0.0, MLZ, Mavora Lakes, 0.55 128, P, P, 18 26 04.0, -0.1, MLZ, Mavora Lakes, 0.55 128, P, P, 18 26 14.9, 0.0, WHZ, Wether Hill Ro, 0.92 163, P, P, 18 26 08.0, -0.1, WHZ, Wether Hill Ro, 0.92 163, P, P, 18 26 08.0, -0.1, WHZ, Wether Hill Ro, 0.92 163, P, P, 18 26 23.4, WHZ, Wether Hill Ro, 0.92 163, P, P, 18 26 23.4, WKZ, Wanaka, 1.05 80, P, P, 18 26 09.5, 0.0, WKZ, Wanaka, 1.05 80, P, P, 18 26 09.5, 0.0, WKZ, Wanaka, 1.05 80, P, P, 18 26 09.5, 0.0, WKZ, Wanaka, 1.05 80, P, P, 18 26 09.2, -0.7, EAZ, Earnsclough, 1.26 101, P, P, 18 26 11.9, -0.1, EAZ, Earnsclough, 1.26 101, P, P, 18 26 11.9, -0.1, EAZ, Earnsclough, 1.26 101, P, P, 18 26 11.9, -0.1, EAZ, Earnsclough, 1.26 101, P, P, 18 26 11.9, -0.1, JCB, Jackson Bay, 1.27 43, AML, P, 18 26 29.5, JCB, Jackson Bay, 1.27 43, AML, P, 18 26 11.5, -0.7, JCB, Jackson Bay, 1.27 43, AML, P, 18 26 11.5, -0.7, JCB, Jackson Bay, 1.27 43, AML, P, 18 26 33.0

2d 19h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MALT Malatya, SOKR Solikamsk, SOC Sochi, etc.

2008 APR

Table with columns for station name, frequency, power, and other technical details. Includes stations like VYHS Vyhne, VVND Kolacno, KEV Kevo, etc.

74

Table with columns for station name, frequency, power, and other technical details. Includes stations like GSPA South Pole, GAMB Gambell, KEST Kesra, etc.

Code	Station Name	Lat	Lon	Mag	Phase	Time	Res
MFF	comp=Z,4.0nm,0.7s,mb5.0						
MFF	Saint Martin d	96.59	317	eP	P	19 22 27.0 +0.1	
GRR	comp=Z,3.8nm,0.7s,mb4.9						
ETSF	Goetro	96.85	319	eP	P	19 22 27.5 -0.6	
TORD	Etsaut	97.30	313	eP	P	19 22 30.8 +0.6	
	Torodi Ar. Bea	97.34	283	P	P	19 22 30.6 -0.4	
	comp=Z,1.6nm,0.8s,mb4.5,baz=86,slow=5.2,SNR=7.9						
SJPF	Ste Jean	97.76	313	eP	P	19 22 31.0 -1.3	
CHUM	Lake Minchumin	98.30	25	eP	P	19 22 33.3 -0.9	
BAPW	Bear Paw Mtn.	98.75	25	eP	P	19 22 36.1 -0.3	
	comp=Z,1.7nm,1.0s,mb5.5						
KTH	Kantishna Hill	98.99	25	eP	P	19 22 37.6 +0.3	
MCK	McKinley	99.77	25	eP	P	19 22 40.1 -0.9	
	comp=Z,10.0nm,1.0s,mb5.4						
MCK	McKinley	99.77	25	eP	P	19 22 40.1 -0.9	
	comp=Z,9.8nm,1.0s						
ESDC	Sonsek Array	100.26	310	P	P	19 22 43.7 +0.5	
	comp=Z,0.2nm,0.5s,baz=60,slow=4.9,SNR=2.3						
YKA	Yellowknife Ar	112.94	16	P	P	19 23 39.7 +0.2	
	comp=Z,0.2nm,0.5s,baz=32,slow=4.4,SNR=5.3						
YKA	comp=Z,1.1nm,0.7s,baz=340,slow=2.4,SNR=11						
YKA	Yellowknife Ar	112.94	16	P	P	19 23 39.7 +0.2	
YKA	Yellowknife Ar	112.94	16	P	P	19 23 39.7 +0.2	
YKA	Yellowknife Ar	112.94	16	P	P	19 23 39.7 +0.2	
B06A	Marblemount	120.50	30	UP	P	19 27 47.8 -0.5	
A07A	Ashnola River,	120.69	29	UP	P	19 27 48.9 +0.2	
FCC	Fort Churchill	120.72	8	ePKIP	P	19 27 47.8 -0.7	
F03A	Seaside	121.04	34	UP	P	19 27 49.6 +0.2	
B07A	Winthrop	121.22	30	UP	P	19 27 49.9 +0.2	
A08A	Turner Farm, O	121.30	29	UP	P	19 27 50.2 +0.3	
A09A	Danville	121.61	28	UP	P	19 27 50.2 -0.3	
F04A	Amboy	121.67	33	UP	P	19 27 51.1 +0.4	
B08A	Colville Reser	121.67	29	UP	P	19 27 50.6 -0.1	
C07A	Waterville	121.76	30	UP	P	19 27 50.5 -0.3	
E06A	Yakima	122.05	32	UP	P	19 27 51.5 +0.1	
A10A	Northport	122.08	29	UP	P	19 27 51.3 -0.1	
B09A	Rice	122.20	29	UP	P	19 27 51.7 0.0	
C08A	Higginbotham F	122.21	30	UP	P	19 27 51.8 +0.2	
C09A	Chrisman Ranch	122.57	29	UP	P	19 27 52.3 -0.1	
H04A	Detroit Lake	122.58	34	UP	P	19 27 52.6 +0.1	
E07A	Sunnyside	122.62	31	UP	P	19 27 53.1 +0.6	
A11A	Hall Mountain,	122.65	27	UP	P	19 27 53.1 +0.7	
B08A	Wollman Farm,	122.76	30	UP	P	19 27 53.0 +0.3	
FFC	Flin Flon	122.99	14	ePKIP	P	19 27 52.8 -0.1	
A12A	Yaak River Ran	122.99	27	UP	P	19 27 53.7 +0.5	
B11A	Sandpoint	123.03	27	UP	P	19 27 53.7 +0.5	
D09A	Jones Farm, Ri	123.07	30	UP	P	19 27 53.7 +0.4	
G06A	Carlson Farm,	123.08	33	UP	P	19 27 53.8 +0.3	
E09A	Wood Farm, Sta	123.52	30	UP	P	19 27 54.7 +0.5	
A13A	Flathead Natio	123.54	26	UP	P	19 27 54.8 +0.6	
H06A	Lindquist Farm	123.56	33	UP	P	19 27 54.8 +0.4	
D10A	Wagner Farm, O	123.58	29	UP	P	19 27 54.7 +0.4	
F08A	Pendleton	123.69	31	UP	P	19 27 54.9 +0.3	
LNOR	Linton Mounta	123.89	31	ePKIP	P	19 27 55.2 +0.2	
G08A	Pilot Rock	123.93	32	UP	P	19 27 55.4 +0.3	
F09A	S2 Ranch, Elgi	124.20	31	UP	P	19 27 55.7 +0.2	
A15A	Johnson Ranch,	124.23	25	UP	P	19 27 55.5 0.0	
F10A	Beach Ranch, E	124.36	30	UP	P	19 27 56.2 +0.3	
SCHO	Schefferville	124.39	350	PKP	P	19 27 56.0 +0.4	
	comp=Z,1.7nm,0.5s,baz=48,slow=4.3,SNR=17						
C13A	Hot Springs	124.40	27	UP	P	19 27 56.0 +0.1	
I07A	Izebe	124.44	33	UP	P	19 27 56.6 +0.5	
K05A	Summer Lake	124.53	35	UP	P	19 27 56.9 +0.6	
G09A	Cove	124.56	31	UP	P	19 27 56.7 +0.4	
E11A	Bogner Ranch,	124.59	29	UP	P	19 27 56.6 +0.3	
H08A	Prairie City	124.60	32	UP	P	19 27 56.5 +0.2	
J06A	Christmas Vall	124.62	34	UP	P	19 27 57.2 +0.8	
A16A	West Butte Ran	124.72	24	UP	P	19 27 56.7 +0.2	
B15A	Bradley Ranch,	124.81	25	UP	P	19 27 56.6 0.0	
D13A	Huson	124.89	27	UP	P	19 27 56.9 +0.1	
F11A	Grangeville	124.95	30	UP	P	19 27 57.0 0.0	
H08A	Drewsey	125.06	33	UP	P	19 27 58.2 +0.9	
A17A	Triple J Farms	125.10	24	UP	P	19 27 57.9 +0.7	
B16A	M & M Farms, S	125.10	25	UP	P	19 27 57.1 0.0	
C15A	Salmond Ranch,	125.21	26	UP	P	19 27 57.7 +0.3	
G11A	Walters Elk Ra	125.24	30	UP	P	19 27 58.0 +0.4	
D14A	Greenough	125.33	27	UP	P	19 27 57.6 -0.1	
MOD	Modoc	125.38	36	ePKP	P	19 27 59.0 +1.1	
J07A	Circle Bar Ran	125.48	33	UP	P	19 27 58.6 +0.5	
K07A	Rock Creek Ran	125.49	34	UP	P	19 27 58.7 +0.6	
E13A	Victor	125.50	28	UP	P	19 27 58.1 0.0	
C16A	Fuhringer Rang	125.56	25	UP	P	19 27 57.9 -0.2	
B17A	Noah's Angus R	125.56	31	UP	P	19 27 58.1 -0.1	
H10A	L&S Farms, Che	125.57	24	UP	P	19 27 58.4 +0.3	
D15A	Lincoln	125.80	26	UP	P	19 27 58.8 +0.2	
E14A	Clinton	125.84	27	UP	P	19 27 59.1 +0.4	
H11A	Donnelly	125.86	30	UP	P	19 27 59.4 +0.7	
L07A	Adell	125.86	35	UP	P	19 27 59.8 +1.0	
J09A	Fry Pan Ranch,	125.88	33	UP	P	19 27 59.5 +0.6	
K08A	Mann Creek Ran	125.89	34	UP	P	19 27 59.7 +0.8	
B18A	Beardsley Farm	125.90	23	UP	P	19 27 59.2 +0.4	
G12A	Bir Creek, Yel	125.90	30	UP	P	19 27 59.3 +0.5	
F13A	Darby	125.91	28	UP	P	19 27 58.7 -0.1	
C17A	Wharram Farm,	126.10	25	UP	P	19 27 59.5 +0.4	
EGMT	Eagleton	126.20	24	UP	P	19 27 60.0 +0.7	
E15A	Deer Lodge	126.22	27	UP	P	19 27 59.9 +0.5	
D16A	Dana Ranch, Ca	126.24	26	UP	P	19 28 00.2 +0.8	
K09A	Rome	126.33	33	UP	P	19 28 00.8 +1.1	

F14A	Wisdom	126.34	28	UP	PKP	19 28 00.8 +1.1
M07A	Soldier Meadow	126.36	35	UP	PKP	19 28 00.5 +0.7
N06A	Buffalo Meadow	126.38	36	UP	PKP	19 28 00.7 +0.8
G13A	Cobalt	126.46	29	UP	PKP	19 28 00.4 +0.5
B17A	Six Diamond Ra	126.51	25	UP	PKP	19 28 00.5 +0.5
DEKA	Beckworth	126.61	38	UP	PKP	19 28 01.0 +0.7
F15A	Butte	126.73	27	UP	PKP	19 28 00.8 +0.4
K10A	MacKenzie Ranc	126.74	33	UP	PKP	19 28 01.6 +1.1
L09A	Wilkinson Ran	126.81	34	UP	PKP	19 28 02.0 +1.3
H13A	Challis	126.84	29	UP	PKP	19 28 01.5 +0.8
D18A	Linhart Farms,	126.85	24	UP	PKP	19 28 01.3 +0.8
MFID	Comas Ranch	126.86	31	UP	PKP	19 28 02.3 +1.6
I12A	Atlanta	126.95	31	UP	PKP	19 28 01.8 +1.0
E17A	Martinsdale	126.98	26	UP	PKP	19 28 02.0 +1.1
DLMT	Dillon	127.04	28	ePKP	P	19 28 02.3 +1.3
K11A	Parker Ranch,	127.19	32	UP	PKP	19 28 02.6 +1.2
H14A	Leadore	127.23	29	UP	PKP	19 28 02.2 +0.8
G15A	Dillon	127.24	28	UP	PKP	19 28 02.5 +1.1
BOZ	Bozeman (W)	127.27	27	UP	PKP	19 28 02.3 +0.8
E18A	Harlowton	127.30	25	UP	PKP	19 28 02.4 +1.0
WCN	Washee City	127.32	38	UP	PKP	19 28 03.0 +1.3
J12A	Stokes Ranch,	127.35	31	UP	PKP	19 28 02.7 +1.1
I13A	Wildhorse Cree	127.38	30	UP	PKP	19 28 02.9 +1.2
L10A	Juniper Basin	127.43	33	UP	PKP	19 28 03.0 +1.1
HLID	Hailey	127.48	30	UP	PKP	19 28 02.7 +0.8
F17A	Fitzpatrick PI	127.50	26	UP	PKP	19 28 02.8 +1.0
G16A	Moss Hill, Enn	127.51	27	UP	PKP	19 28 03.1 +1.2
H15A	Lima	127.58	28	UP	PKP	19 28 03.0 +0.9
I14A	Mackay	127.69	29	UP	PKP	19 28 03.4 +1.1
J13A	Cove Ranch, Pi	127.72	30	UP	PKP	19 28 03.3 +0.9
DGMT	Dagmar	127.89	20	UP	PKP	19 28 03.1 +0.6
F18A	Big Timber	127.91	25	UP	PKP	19 28 03.6 +0.9
G17A	Pierce Place,	127.92	26	UP	PKP	19 28 03.9 +1.2
GCMT	Greycliff	128.02	25	ePKP	P	19 28 04.1 +1.2
F19A	Carey	128.10	30	UP	PKP	19 28 04.6 +1.5
H16A	Russell Place,	128.16	27	UP	PKP	19 28 04.7 +1.5
M11A	Holland Ranch,	128.25	33	UP	PKP	19 28 04.1 +0.6
ULM	Lac du Bonnet	128.55	12	PKP	P	19 28 03.9 +0.1
RLMT	comp=Z,1.6nm,0.7s,baz=338,slow=3.8,SNR=14					
M12A	Red Lodge	128.72	26	UP	PKP	19 28 05.6 +1.4
NVAR	Wells	128.73	33	UP	PKP	19 28 06.0 +1.6
L13A	Double Diamond	128.77	31	UP	PKP	19 28 06.2 +1.7
N12A	Clover Valley,	129.06	33	UP	PKP	19 28 06.0 +1.0
P10A	Eureka	129.08	35	UP	PKP	19 28 06.0 +1.0
RR12	Red Ridge	129.16	29	ePKP	P	19 28 06.9 +1.8
O11A	Cowboy Ranch,	129.20	34	UP	PKP	19 28 06.4 +1.1
K16A	Soda Springs	129.42	29	UP	PKP	19 28 06.6 +1.0
J17A	Brown Place, J	129.44	28	UP	PKP	19 28 07.3 +1.6
M14A	Sheep Mountain	129.50	32	UP	PKP	19 28 07.2 +1.3
I18A	Diamond G Ranc	129.59	27	UP	PKP	19 28 07.3 +1.4
Q10A	Clear Creek Ra	129.64	36	UP	PKP	19 28 07.5 +1.3
J18A	Kendall Valley	129.88	28	UP	PKP	19 28 07.8 +1.

Table with columns: KDI, Kendar, Time, Status, Pn, S, Sn, and various other codes. Includes entries like KDI Kendar 7.26 2961 eP, KDI Kendar 7.26 296 P, etc.

Table with columns: AUQP, LEM, LEM, LEM, etc. and various codes. Includes entries like AUQP San Andres 21.35 342 eP, LEM Lembang 21.40 2701 eP, etc.

Table with columns: CNB, CNB, TOO, JOW, etc. and various codes. Includes entries like CNB Canberra Magne 33.60 149 eP, TOO Toulangi 33.70 156 eP, etc.

2d 19h

2008 APR

Table with columns: Station, Frequency, Power, Direction, and Time. Includes stations like Erkin-Say, Zalesovo Beam, Riviere de l'E, Kurchatov, etc.

Table with columns: Station, Frequency, Power, Direction, and Time. Includes stations like Solikamsk, Baghdad, Gani, Purkeypile, etc.

Table with columns: Station, Frequency, Power, Direction, and Time. Includes stations like FINESS Array B, FINESS Array A, etc.

GE2C	baz=112	GERESS Array S 11.02.320	eSKPdf	PKIKP	19 28 33.0	-0.1
GE2C		GERESS Array B 11.02.320	eSKPdf	PKIKP	19 31 49.9	-1.0
GERES		GERESS Array B 11.02.320	iPKIKP	PKIKP	19 28 33.1	0.0
GERES			SKP	PKIKP	19 29 17.6	
GERES	comp=Z,1.0nm,0.4s		pmax	pmax		
GERES	comp=Z,3.0nm,0.9s		pmax	pmax		
GERES	comp=N,4.0nm,0.8s		pmax	pmax		
GERES	comp=Z,1.0nm,1.0s		pmax	pmax		
GERES	comp=Z,1.4nm,0.4s,baz=85,slow=1.8,SNR=15	PKIKP	PKIKP	19 28 33.1	0.0	
GERES	comp=Z,2.6nm,0.9s,baz=80,slow=2.4,SNR=4.7	PP	PP	19 29 17.6	-2.1	
GERES	comp=Z,3.5nm,0.8s,baz=56,slow=3.4,SNR=5.7	eSKPdf	PKIKP	19 31 50.1		
GERES	comp=Z,1.4nm,1.0s,baz=241,slow=5.5,SNR=4.8	PKKPAb	PKKPAb	19 39 35.9	+1.1	
KHC	Kasperske Hory 11.20.320	eSKPdf	PKIKP	19 28 33.1	0.0	
KHC	Kasperske Hory 11.20.320	eSKPdf	PKIKP	19 31 50.0		
KHC	Kasperske Hory 11.20.320	eSKPdf	PKIKP	19 28 31.6	-1.4	
NVAC	Mina Array Bea 11.03.52	PKIKP	PKIKP	19 28 34.1	+0.7	
NVAC	comp=Z,2.4nm,0.9s,baz=239,slow=2.1,SNR=6.6	PKKPAb	PKKPAb	19 39 26.7	0.0	
NVAC	comp=Z,1.8nm,0.8s,baz=148,slow=2.9,SNR=8.4	PKKPAb	PKKPAb	19 39 36.0	+1.1	
E10A	Bogner Ranch, 11.20.43	PKIKP	PKIKP	19 39 26.2	-0.7	
H11A	Noah's Angus R 11.20.48	PKIKP	PKIKP	19 39 25.0	-0.9	
ISA	Isabella 11.28.54	PKIKP	PKIKP	19 39 25.9	-0.9	
K10A	MacKenzie Ranch 11.26.47	PKIKP	PKIKP	19 39 24.9	-0.9	
WET	Wetzell 11.27.47	eSKPdf	PKIKP	19 28 34.1	+0.2	
WET	Donnelly 11.27.45	eSKPdf	PKIKP	19 31 50.9	+0.8	
BSEG	Bad Segeberg 11.25.326	eSKPdf	PKIKP	19 28 33.9	0.0	
H11A	Donnelly 11.27.45	eSKPdf	PKIKP	19 39 24.9	-0.3	
A13A	Flathead Natio 11.25.40	PKIKP	PKIKP	19 39 24.1	-1.2	
EDW2	Edwards Air Fo 11.27.55	PKIKP	PKIKP	19 39 24.1	-0.1	
L10A	Juniper Basin 11.29.47	PKIKP	PKIKP	19 39 23.7	-0.6	
C13A	Hot Springs 11.28.41	PKIKP	PKIKP	19 39 23.2	-1.3	
RJOB	Jochberg 11.28.39	eSKPdf	PKIKP	19 28 34.3	-0.5	
RJOB	Jochberg 11.28.39	eSKPdf	PKIKP	19 31 51.7	-0.9	
G12A	Big Creek, Yel 11.29.44	PKIKP	PKIKP	19 39 23.4	-0.5	
K11A	Parker Ranch, 11.29.47	PKIKP	PKIKP	19 39 23.4	+0.1	
MPMC	Manual Prospec 11.30.52	PKIKP	PKIKP	19 39 23.4	+0.1	
D13A	Huson 11.30.52	PKIKP	PKIKP	19 39 23.2	-0.4	
BFSC	Mount Baldy St 11.31.26	PKIKP	PKIKP	19 39 23.1	+0.1	
NRDL	Niedersach 11.31.324	eSKPdf	PKIKP	19 28 35.4	+0.3	
CLZ	Clausthal 11.31.324	eSKPdf	PKIKP	19 28 35.0	+0.6	
CLZ	Clausthal 11.31.324	eSKPdf	PKIKP	19 31 52.5	+0.5	
P10A	Eureka 11.32.50	PKIKP	PKIKP	19 39 22.9	+0.2	
L11A	Cat Creek Ranc 11.32.49	PKIKP	PKIKP	19 39 22.7	+0.1	
ABTA	Abfaltersbach 11.33.418	PKIKP	PKIKP	19 28 35.3	-0.4	
GRA1	Grabenberg Arr 11.33.321	eSKPdf	PKIKP	19 28 35.8	+0.2	
GRF	Grabenberg Arr 11.33.321	eSKPdf	PKIKP	19 28 35.8	+0.2	
I12A	Atlanta 11.33.45	PKIKP	PKIKP	19 39 22.9	+0.5	
H12A	Diamond D Ranc 11.34.41	PKIKP	PKIKP	19 39 21.6	-0.8	
M10A	Holland Ranch, 11.34.41	PKIKP	PKIKP	19 39 22.2	0.0	
Q11A	Clear Creek Ra 11.34.51	PKIKP	PKIKP	19 39 22.5	+0.4	
S10A	Toponah Range, 11.34.52	PKIKP	PKIKP	19 39 21.9	-0.1	
FURC	Furnace Creek, 11.34.53	PKIKP	PKIKP	19 39 22.3	+0.4	
F13A	Darby 11.34.43	PKIKP	PKIKP	19 39 21.9	-0.3	
J12A	Stokes Ranch, 11.35.46	PKIKP	PKIKP	19 39 21.4	-0.5	
R10A	Warm Springs 11.36.51	PKIKP	PKIKP	19 39 22.6	+1.1	
A15A	Johnson Ranch, 11.36.44	PKIKP	PKIKP	19 39 20.1	-1.7	
SLMT	Seelye Lake 11.36.41	ePKIKP	PKIKP	19 28 35.9	-0.4	
GSC	Goldstone 11.36.55	PKIKP	PKIKP	19 39 21.5	+0.3	
D14A	Greenough 11.36.42	PKIKP	PKIKP	19 39 20.5	-1.0	
G13A	Cobalt 11.37.40	PKIKP	PKIKP	19 39 20.1	-0.4	
FUR	Furstenfeldbru 11.37.320	eSKPdf	PKIKP	19 39 28.4	0.0	
FUR	Furstenfeldbru 11.37.320	eSKPdf	PKIKP	19 31 53.6	-0.7	
O11A	Cowboy Ranch, 11.37.49	PKIKP	PKIKP	19 39 21.8	+0.8	
WTTA	Wattenberg 11.37.319	PKIKP	PKIKP	19 28 36.6	+0.2	
H13A	Challis 11.38.42	PKIKP	PKIKP	19 39 20.8	-0.2	
E14A	Clinton 11.38.42	PKIKP	PKIKP	19 39 19.9	-1.0	
A15A	Bradley Ranch, 11.39.40	PKIKP	PKIKP	19 39 19.1	-1.6	
HLID	Hailey 11.39.45	PKIKP	PKIKP	19 39 19.3	-1.2	
Q11A	Quinn 11.40.51	PKIKP	PKIKP	19 39 20.2	+0.1	
M12A	Wells 11.40.46	PKIKP	PKIKP	19 39 19.9	-0.1	
C15A	Salmond Ranch, 11.40.41	PKIKP	PKIKP	19 39 18.9	-1.3	
I13A	Wildhorse Cree 11.40.47	PKIKP	PKIKP	19 39 19.5	-0.6	
MOTA	Moosealm 11.40.319	PKIKP	PKIKP	19 28 36.8	-0.2	
SCO	Scorebysund 11.41.350	iP	PKIKP	19 28 37.7	+1.2	
SCO	Scorebysund 11.41.350	iP	PKIKP	19 28 37.7	+1.2	
HEC	Hector,Ludlow 11.41.55	PKIKP	PKIKP	19 39 20.8	+1.2	
S11A	Rachel 11.41.52	PKIKP	PKIKP	19 39 20.5	+0.8	
R11A	Troy Canyon, C 11.41.51	PKIKP	PKIKP	19 39 19.9	+0.3	
J13A	Cove Ranch, PJ 11.41.46	PKIKP	PKIKP	19 39 19.7	-0.1	
PFO	Pinyon Flat Ob 11.42.56	PKIKP	PKIKP	19 28 39.9	+2.2	
SUMG	Summit 11.42.356	PKIKP	PKIKP	19 28 37.4	+0.8	
D15A	Lincoln 11.43.41	PKIKP	PKIKP	19 39 19.1	-0.2	
A16A	West Butte Ran 11.43.39	PKIKP	PKIKP	19 39 18.5	-0.8	
TUQ	Turquoise Moun 11.43.54	PKIKP	PKIKP	19 39 18.8	0.0	
H14A	Leadore 11.44.44	PKIKP	PKIKP	19 39 18.7	-0.2	
FETA	Feichten 11.44.319	PKIKP	PKIKP	19 28 38.5	+0.8	
BELO	Belle Mtn. 11.45.56	PKIKP	PKIKP	19 39 18.5	+0.3	
I14A	Mackay 11.45.45	PKIKP	PKIKP	19 39 18.5	0.0	
C16A	Fuhringer Ranc 11.46.40	PKIKP	PKIKP	19 39 16.3	-2.1	
T11A	Corn Creek, AI 11.46.52	PKIKP	PKIKP	19 39 17.3	-0.6	
G14A	Carey 11.46.46	PKIKP	PKIKP	19 39 17.0	-1.1	
JMRC	Granite Mounta 11.46.55	PKIKP	PKIKP	19 39 16.9	-0.8	
F15A	Butte 11.46.49	PKIKP	PKIKP	19 39 16.8	-1.3	
S12A	Delamar Landin 11.46.52	PKIKP	PKIKP	19 39 18.1	+0.9	
TNS	Tanus Mts 11.48.323	ePKIKP	PKIKP	19 28 38.5	0.0	
TNS	Tanus Mts 11.48.323	ePKIKP	PKIKP	19 28 38.4	-0.1	
G15A	Dillon 11.48.43	PKIKP	PKIKP	19 39 16.4	-1.0	

STU	baz=115	Stuttgart 11.48.321	eSKPdf	PKIKP	19 31 56.5	+0.1
R12A		Pony Springs, 11.49.51	PKIKP	PKIKP	19 39 16.7	-0.3
DAVA	baz=115,SNR=6.7	comp=Z,6.9nm,0.4s	PKIKP	PKIKP	19 28 38.8	+0.1
H15A	baz=115	Lima 11.49.44	PKIKP	PKIKP	19 39 17.1	-0.2
A17A	baz=115	Triple J Farms 11.49.39	PKIKP	PKIKP	19 39 16.5	-0.9
D16A	baz=115	Dana Ranch, Ca 11.49.41	PKIKP	PKIKP	19 39 15.6	-1.5
B17A	baz=115	L&G Farms, Che 11.50.40	PKIKP	PKIKP	19 39 15.4	-1.5
BUG	baz=115	Bochum-Univer 11.51.324	eSKPdf	PKIKP	19 31 56.8	0.0
IRM	baz=115	Iron Mountain 11.51.36	PKIKP	PKIKP	19 39 15.5	-0.4
Q13A	baz=115	Wheeler Ranch, 11.52.40	PKIKP	PKIKP	19 39 15.5	-0.4
C17A	baz=115	Wharram Farm, 11.53.40	PKIKP	PKIKP	19 39 15.2	-0.8
BOZ	baz=115	Bozeman (W) 11.53.43	PKIKP	PKIKP	19 39 15.1	-0.8
G16A	baz=115	Moss Hill, Enn 11.53.43	PKIKP	PKIKP	19 39 14.9	-0.9
J15A	baz=115	Blackfoot 11.53.45	PKIKP	PKIKP	19 39 14.8	-0.8
R13A	baz=115	O'Garra Ranch, 11.53.41	PKIKP	PKIKP	19 39 15.0	-0.2
D17A	baz=115	Six Diamond Ra 11.55.41	PKIKP	PKIKP	19 39 14.1	-1.3
BFO	baz=115	Black Forest 11.58.321	PKIKP	PKIKP	19 28 40.6	+0.7
BFO	baz=115	Black Forest 11.58.321	PKIKP	PKIKP	19 28 39.2	-0.7
E17A	baz=115	Martinsdale 11.58.42	PKIKP	PKIKP	19 39 13.8	-1.2
S13A	baz=116	Holt Ranch, En 11.56.42	PKIKP	PKIKP	19 39 14.4	-0.1
B18A	baz=116	Beardsley Farm 11.56.39	PKIKP	PKIKP	19 39 13.2	-1.5
T13A	baz=116	Saint George 11.57.52	PKIKP	PKIKP	19 39 13.6	-0.6
U13A	baz=116	Pakon Wash 11.57.53	PKIKP	PKIKP	19 39 13.6	-0.4
Q14A	baz=116	Sevier Lake (B 11.58.50	PKIKP	PKIKP	19 39 13.9	-0.1
EGMT	baz=116	Gadon 11.58.40	PKIKP	PKIKP	19 39 13.5	-0.7
PGMT	baz=116	Eagleton 11.58.40	ePKIKP	PKIKP	19 28 40.1	-0.2
EM14	baz=116	Drum Mountains 11.58.49	PKIKP	PKIKP	19 39 13.8	-0.2
M15A	baz=116	Larsen Ranch, 11.58.47	PKIKP	PKIKP	19 39 12.9	-1.0
V13A	baz=116	Grand Canyon W 11.58.54	PKIKP	PKIKP	19 39 14.2	+0.6
J16A	baz=116	Bone 11.60.45	PKIKP	PKIKP	19 39 12.4	-1.0
K16A	baz=116	Soda Springs 11.61.46	PKIKP	PKIKP	19 39 13.0	0.0
E18A	baz=116	Harlowton 11.61.41	PKIKP	PKIKP	19 39 11.4	-1.5
YFT	baz=116	Old Faithful 11.62.41	ePKIKP	PKIKP	19 24 56.9	+1.1
CDF	baz=116	Champ Du Feu 11.62.321	ePKIKP	PKIKP	19 28 40.4	-0.7
IMW	baz=116	Indian Meadow 11.62.44	ePKIKP	PKIKP	19 28 42.9	+1.5
U14A	baz=116	Mt Trumbull 11.63.53	PKIKP	PKIKP	19 39 11.2	-0.7
P15A	baz=116	Leamington 11.63.49	PKIKP	PKIKP	19 39 11.5	-0.3
L16A	baz=116	Fish Haven 11.64.46	PKIKP	PKIKP	19 39 11.2	-0.6
USHA	comp=Z,1.1nm,0.9s,baz=199,slow=3.1,SNR=3.9	PKIKP	PKIKP	19 28 41.9	+0.4	
REDW	comp=Z,1.1nm,0.9s,baz=199,slow=3.1,SNR=3.9	PKIKP	PKIKP	19 28 43.1	+1.3	
F18A	comp=Z,1.1nm,0.9s,baz=199,slow=3.1,SNR=3.9	PKIKP	PKIKP	19 39 10.6	-1.1	
I17A	comp=Z,1.1nm,0.9s,baz=199,slow=3.1,SNR=3.9	PKIKP	PKIKP	19 39 10.7	-0.9	
113A	comp=Z,1.1nm,0.9s,baz=199,slow=3.1,SNR=3.9	PKIKP	PKIKP	19 39 10.0	-1.2	
Z13A	comp=Z,1.1nm,0.9s,baz=199,slow=3.1,SNR=3.9	PKIKP	PKIKP	19 39 10.6	-0.6	
J17A	comp=Z,1.1nm,0.9s,baz=199,slow=3.1,SNR=3.9	PKIKP	PKIKP	19 39 11.1	-0.2	
V14A	comp=Z,1.1nm,0.9s,baz=199,slow=3.1,SNR=3.9	PKIKP	PKIKP	19 39 11.3	+0.2	
LOHW	comp=Z,1.1nm,0.9s,baz=199,slow=3.1,SNR=3.9	PKIKP	PKIKP	19 28 42.7	+0.6	
K17A	comp=Z,1.1nm,0.9s,baz=199,slow=3.1,SNR=3.9	PKIKP	PKIKP	19 39 10.6	-0.6	
H1NF	comp=Z,1.1nm,0.9s,baz=199,slow=3.1,SNR=3.9	PKIKP	PKIKP	19 28 41.5	-0.5	
R15A	comp=Z,1.1nm,0.9s,baz=199,slow=3.1,SNR=3.9	PKIKP	PKIKP	19 39 10.3	-0.4	
G18A	comp=Z,1.1nm,0.9s,baz=199,slow=3.1,SNR=3.9	PKIKP	PKIKP	19 39 08.6	-2.1	
L17A	comp=Z,1.1nm,0.9s,baz=199,slow=3.1,SNR=3.9	PKIKP	PKIKP	19 39 07.9	-2.6	
PGF	comp=Z,1.1nm,0.9s,baz=199,slow=3.1,SNR=3.9	PKIKP	PKIKP	19 28 42.7	+0.1	
SLMT	comp=Z,1.1nm,0.9s,baz=199,slow=3.1,SNR=3.9	PKIKP	PKIKP	19 28 42.3	-0.2	
HAU	comp=Z,2.00nm,21.2s	eMLR	MLR	19 28 42.3	-0.2	
HAU	comp=Z,2.00nm,21.2s	eMLR	MLR	19 28 42.3	-0.2	
RLMT	comp=Z,2.00nm,21.2s	LR	LR	19 39 07.7	-2.0	
G1VF	comp=Z,2.00nm,21.2s	LR	LR	19 28 43.1	+0.4	
U15A	comp=Z,2.00nm,21.2s	LR	LR	19 39 07.0	-2.3	
I18A	comp=Z,2.00nm,21.2s	LR	LR	19 39 06.5	-3.0	
N17A	comp=Z,2.00nm,21.2s	LR	LR	19 39 07.1	-2.2	
K18A	comp=Z,2.00nm,21.2s	LR	LR	19 39 07.3	-1.6	
V15A	comp=Z,2.00nm,21.2s	LR	LR	19 39 06.9	-1.7	
R16A	comp=Z,2.00nm,21.2s	LR	LR	19 39 06.3	-2.3	
O17A	comp=Z,2.00nm,21.2s	LR	LR	19 39 06.9	-1.5	
BAIF	comp=Z,2.00nm,21.2s	LR	LR	19 28 43.7	+0.2	
214A	comp=Z,2.00nm,21.2s	LR	LR	19 39 06.6	-1.3	
F19A	comp=Z,2.00nm,21.2s	LR	LR	19 28 44.7	+1.3	
X15A	comp=Z,2.00nm,21.2s	LR	LR	19 39 07.3	-0.6	
LPG	comp=Z,2.00nm,21.2s	LR	LR	19 28 44.0	+0.3	
LPL	comp=Z,2.00nm,21.2s	LR	LR	19 28 44.0	+0.2	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like La Forest Royal, La Frestrate, Torodi Ar. Bea.

ISCJB 02 21:00:09.5,0.4, 43.66N,0.02:105.45W,0.03,h0km, Error ellipse: s-maj=3.5km s-min=2.8km az=135.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RSDS Black Hills, PHWY Pilot Hill, RWWY Rawlins.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LAO LASA Array, RLMT Red Lodge, BW06 Boulder Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PDAR Pinedale Array, PDAR 17nm,0.3s,baz=79,slow=13,SNR=36.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OGNE Ogallala, CGNE Greycliff, LOHW Long Hollow.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ISCO Idaho Springs, SNOW Snow King Moun, REDW Red Top Meadow.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YFT Old Faithful, IMW Indian Meadow, TRAW Teton Pass.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YMR Madison River, AHID Auburn Hatcher, RRI2 Red Ridge.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RLMT Earthquake Lake, SMCO Snowmass, DGMT Dagmar.

Table with columns: YOZ, Yozgat, 1.13 152, ePn, Pn, 21 02 16.4 -0.9, 21 02 33.4 +0.3.

ISCJB 02 21:03:51.9,0.5, 50.32N,0.04:18.86E,0.03,h0km, Error ellipse: s-maj=0.5km s-min=2.6km az=15.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RAC Raciborz, RAC Ostrava-Krasne, OKC Ostrava-Krasne.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OKC Ojcow, OKC Ojcow, MORC Moravsky Berou.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MORC Moravsky Berou, NIE Niedzica, NIE Niedzica.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DPC Dobruska-Polom, DPC Dobruska-Polom, DPC Dobruska-Polom.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KOLL Kolacno, KOLL Kolacno, KSP Ksiaz.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSP Ksiaz, VRAC Vranov, VRAC Vyhne.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VYHS Vyhne, VYHS Vyhne, VYHS Vyhne.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STHS Stebnicka Huta, STHS Stebnicka Huta, STHS Stebnicka Huta.

s-min=10.4km az=108.0, ISCJB 02 21:24:33.1,1.3, 6.05S,0.0:0.04,146.61E,0.05,h48km,12km, mb4.754,MS3.9/14, Error ellipse: s-maj=8.8km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like COEN Coen, COEN Honiara, HNR Honiara.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HNR Honiara, CTA Charters Tower, CTA Charters Tower.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CTA Charters Tower, CTA Charters Tower, CTA Charters Tower.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CTA Charters Tower, WARR Warramunga Arr, WARR Warramunga Arr.

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

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

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

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

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

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

Table of astronomical observations for ISCBJ 02 22:43:48.5, 0.3, 62.40N, 0.02:150.90W, 0.06, h88km, 3km.

Table of astronomical observations for 2008 APR, listing station names, coordinates, and observation details.

ISCBJ 02 23:06:18.5 ± 1.8, 30.50N ± 0.09, 50.53E ± 0.07, h15km ± 13km, Error ellipse: s-maj=17.6km s-min=4.7km az=144.8

Table of astronomical observations for ISCBJ 02 23:06:18.3 ± 0.6, 30.63N ± 0.35E, h25km ± 41km, ML2.5

ISCBJ 02 23:24:24.7 ± 1.9, 35.71N ± 0.03, 81.64E ± 0.07, h10km ± 13km, mb4.1/19, MS3.1/2, Error ellipse: s-maj=9.5km

Table of astronomical observations for ISCBJ 02 23:24:24.5 ± 0.8, 35.56N ± 81.57E, mb4.0/12, mb1.4/17, mb1mx4.0/26, mbtmp3.9/17, ML3.2/5, MS3.1/3.

ISC 02 23:24:27.2 ± 2.3, 35.70N ± 0.03, 81.59E ± 0.07, h14km ± 16km, mb4.1/19, MS3.1/2, SC-6D, Southern Xinjiang

Table of astronomical observations for ISC 02 23:24:27.2 ± 2.3, 35.70N ± 0.03, 81.59E ± 0.07, h14km ± 16km, listing station names and observation details.

ISC 02 23:34:29.3 ± 1.5, 6.63N ± 149.51E, h0km, mb3.9/5, mb1.4/15, mb1mx3.9/16, mbtmp3.9/5, Error ellipse: s-maj=61.2km s-min=25.1km az=99.0, Eastern Caroline Islands region

Table of astronomical observations for WRA Warramunga Arr 30.33 209 P, listing station names and observation details.

Table with columns: ASAR, Alice Springs, 33.74 206 P, P, 23 41 12.7 0.0, 0.5m, 0.5s, baz=36, slow=6.7, SNR=5.4

IDC 02 23:34:57.0-0.6, 53.30N:170.25E, h0km, mb4.5/25, mb1 4.6/26, mb1mx4.6/29, mbtmp4.5/26, MLS.4/1, MS3.5/1, Ms1 3.5/1, ms1mx2.9/29, Error ellipse: s-maj=18.6km s-min=11.6km az=167.0

KRSC 02 23:34:57.0-0.5, 52.98N:169.95E, h15km, 15km, ML5.2, ISCJB 02 23:34:57.0-0.6, 53.22N:170.21E:0.02, h15km, 5km, mb4.8/191, MS4.3/8, Error ellipse: s-maj=6.2km s-min=2.3km az=9.3

NEIC 02 23:34:58.6-1.0, 53.16N:170.21E, h23km, mb4.9/90, Error ellipse: s-maj=7.1km s-min=4.5km az=105.3

MOS 02 23:34:58.6-1.0, 53.16N:170.21E, h23km, mb4.9/90, Error ellipse: s-maj=7.1km s-min=4.5km az=105.3

BUI 02 23:34:58.0, 53.67N:170.09E, h13km, mb4.9/23, mb4.9/39, Ms4.8/18, Ms7 4.5/15

BGS 02 23:34:58.9, 1.8, 52.67N:169.88E, h33km, mb5.2, SZGRF 02 23:35:04.9, 53.74N:171.85E, h33km, mb4.9, Near Islands, Aleutian Islands, United States

ISC 02 23:35:00.0-0.6, 53.20N:170.26E:0.02, h23km, 5km, h20km, 2.1km, P, m456, 0.896/488, mb4.8/191, MS4.3/8, 97C-9D, Near Islands

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

Main table with columns: KLR, Kul'dur, 24.24 57eP, P, 23 40 12.0 -3.6, comp=Z, 14nm, 0.8s, mb4.5

Main table with columns: SWMT, Swartz Lake, 46.56 65eP, P, 23 43 25.8 -0.5, comp=Z, 7.0nm, 0.8s, mb4.6

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ARCES, BVAR, BRVK, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HDIL, ODAN, TXAR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MOX, MCH1, UBBA, etc.

Table with columns: WRA, Warramunga Arr, 79.19 214, P, P, 23 47 03.2 -0.4, etc. Includes stations like Warramunga Arr, LOR, HYF, etc.

Table with columns: TIP, Timpagrande, 85.18 340, eP, P, 23 47 35.2 +0.3, etc. Includes stations like ESDC, EVO, TORD, etc.

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

Table with columns: QIZ, comp=Z,290nm,8.1s, pmax, pmax, etc. Includes stations like QIZ, QIONGZHONG, SHESHAN, etc.

2d 23h

2008 APR

Table with columns for station call signs (e.g., JHU, CHG, CHTO), frequencies, and other technical details. Includes sub-headers like 'comp=Z,100nm,1.4s' and 'Hachioji jima 2'.

Table with columns for station call signs (e.g., SONM, KLR, KLR), frequencies, and other technical details. Includes sub-headers like 'comp=Z,0.6nm,0.6s,baz=166,slow=4.3,SNR=4.1' and 'Kul'dur'.

Table with columns for station call signs (e.g., KSH, KSH, KSH), frequencies, and other technical details. Includes sub-headers like 'comp=Z,1.0nm,1.4s' and 'Kul'dur'.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BFO Black Forest, WLF Waferdange, WLF Waferdange, etc.

CASC 02 23:53:53.0±3.5, 12°43'N, 87°42'W, h147km, 34km, MD3.9, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like COPN Copaltepe, BLNM Bellamira, etc.

ISC/JB 03 00:04:54.0±0.5, 10.85°N, 03:62:27W, 0:02, h91km, 5km, Error ellipse: s-maj=5.0km s-min=3.6km az=160.6

TRN 03 00:04:56.1, 10.92°N, 62:24W, h75km, MD3.3

ISC 03 00:04:55.0±0.5, 10.85°N, 03:62:27W, 0:02, h84km, 6km, n27, c0:9150, 4C-3D, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUVI Guiria, TCE Chacachacare, TRN Trinidad (W), etc.

IDC 03 00:28:27.6±0.8, 19.90°N, 121:56E, h0km, mb3.8/9, mb1 4.0/10, mb1mx3.9/22, mbtmp3.9/10, ML3.5/1, MS3.6/4, Ms1 3.6/4, ms1mx3.0/31, Error ellipse: s-maj=41.7km s-min=15.7km az=67.0

NEIC 03 00:28:28.6±0.4, 19.86°N, 121:51E, h10km, mb4.0/3, Error ellipse: s-maj=9.8km s-min=7.2km az=79.0

ISC/JB 03 00:28:30.5±1.5, 19.93°N, 09:121:6E, 0:1, h36km, 13km, mb3.8/13, MS3.6/2, Error ellipse: s-maj=17.8km s-min=11.9km az=141.7

ISC 03 00:28:30.2±4.7, 19.98°N, 08:121:55E, 0:09, h20km, 30km, n29, c0:95/26, mb3.8/13, MS3.6/2, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TWG Pinlang, YULB Yu-li, TPUB Tu-pu, etc.

JMA 03 00:29:17.4±0.8, 46:63N, 153:41E, h30km, M4.2

ISC/JB 03 00:29:20.0±1.1, 46:8N, 0:1, h59km, 11km, mb3.7/12, Error ellipse: s-maj=24.9km s-min=7.5km az=141.1

MOS 03 00:29:20.4±0.8, 47:04N, 152:70E, h50km, mb4.2/6, Error ellipse: s-maj=18.0km s-min=11.2km az=62.6

NEIC 03 00:29:23.1±1.0, 46:85N, 152:85E, h71km, 9km, mb3.8/1, Error ellipse: s-maj=16.6km s-min=6.5km az=138.0

IDC 03 00:29:23.1±3.5, 46:95N, 152:84E, h66km, 6km, mb3.4/12, mb1 3.7/14, mb1mx3.5/26, mbtmp3.5/14, ML3.5/2, Error ellipse: s-maj=35.2km s-min=17.3km az=157.0

ISC 03 00:29:21.5±0.9, 46:89N, 0:10, 152:8E, 0:1, h53km, 7km, n52, c1:10/64, mb3.7/12, Kuril Islands

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

JAK PETK Petropavlovsk 6.97 25 eS Sn 00 32 14.4 ±0.4

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

ISC/JB 03 00:33:46.5, 36:94N, 29:25E, h3km, MD3.1

ISC/JB 03 00:33:47.0±0.5, 36:98N, 0:02, 29:22E, 0:03, h4km, 5km, Error ellipse: s-maj=4.1km s-min=3.5km az=5.2

CSEM 03 00:33:47.0±1.0, 36:98N, 29:24E, h5km, MD3.1, Error ellipse: s-maj=1.6km s-min=1.3km az=16.0

DDA 03 00:33:47.2±37.00N, 29:22E, h23km, 1km, Md2.9

ISC 03 00:33:48.0±0.4, 36:98N, 0:03, 29:22E, 0:03, h8km, 4km, n53, c0:86/81, Turkey

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

AKAS Kas 0.80 157 iS Sg 00 34 03.0 ±0.4

AKAS Kas 0.80 157 iS Sg 00 34 15.9 ±2.0

AKAS Karakullu 0.81 157 eS Sg 00 34 15.9 ±2.0

KORT Korkuelli 0.91 88 eS Sg 00 34 19.6 ±2.4

KORT Korkuelli 0.91 88 eS Sg 00 34 04.7 ±0.2

BUCAC Bucak 1.20 66 ePN Sg 00 34 19.6 ±2.4

BCK Bucak 1.20 66 ePN Sg 00 34 09.5 ±1.5

MLSB Milas 1.20 286 ePN Pn 00 34 10.9 ±0.1

MLSB Milas 1.20 286 ePN Pn 00 34 10.9 ±0.1

AYDN Tasoluk 1.27 303 iS Sg 00 34 11.6 ±0.4

AYDN Tasoluk 1.27 303 iS Sg 00 34 11.6 ±0.4

DAT Datca 1.34 260 ePN Pn 00 34 29.9 ±1.3

DAT Datca 1.34 260 ePN Pn 00 34 14.1 ±1.1

ISP Isparta 1.34 50 ePN Pn 00 34 13.5 ±0.4

ISP Isparta 1.34 50 ePN Pn 00 34 13.5 ±0.4

KHL Karahalli 1.37 10 ePN Pn 00 34 13.2 ±0.1

KHL Karahalli 1.37 10 ePN Pn 00 34 13.2 ±0.1

KHAL Karahalli 1.41 9 iS Sg 00 34 13.5 ±0.4

KHAL Karahalli 1.41 9 iS Sg 00 34 13.5 ±0.4

BDRM Kayabasi 1.42 274 iS Sg 00 34 33.0 ±0.0

BDRM Kayabasi 1.42 274 iS Sg 00 34 14.2 ±0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BODT Bodrum, KULA Kula-Manisa, MANT Manisa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TWG Pinlang, YULB Yu-li, TPUB Ta-pu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NB2 NORPAR Sarabun, NOA NORPAR Arr, etc.

ISCJB 03 00:35:21.71.4.1, 15.0S:0.5:175.3W:0.3, h237km, 23km, mb3.6/7, Error ellipse: s-maj=89.3km s-min=18.8km az=151.1

NEIC 03 00:35:22.6:1.2, 15.08S:175.18W, h233km, 18km, mb3.8/2, Error ellipse: s-maj=63.7km s-min=13.8km az=150.0

IDC 03 00:35:22.8:1.4, 15.433S:174.97W, h239km, 25km, mb3.4/5, mb1 3.7/6, mb1mx3.4/16, mbtmpr3.4/6, Error ellipse: s-maj=129.1km s-min=16.7km az=148.0

ISC 03 00:35:22.7:1.4, 15.05S:0.5:175.2W:0.3, h232km, 23km, n12, c0948/13, mb3.6/7, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalo, AFI Afiamalo, CTAO Charters Tower, etc.

ISCJB 03 00:36:50.3:4.2, 57.9S:0.1:25.8W:0.2, h44km, 41km, mb4.0/7, Error ellipse: s-maj=22.9km s-min=14.7km az=16.8

IDC 03 00:36:53.6:0.7, 57.90S:25.79W, h58km, 5km, mb3.8/6, mb1 3.9/6, mb1mx3.7/15, mbtmpr3.8/6, Error ellipse: s-maj=27.5km s-min=19.8km az=98.0

NEIC 03 00:36:55.9:3.0, 57.88S:25.80W, h81km, 27km, mb4.1/2, Error ellipse: s-maj=12.6km s-min=10.1km az=190.0

ISC 03 00:36:51.6:3.0, 57.9S:0.1:25.8W:0.2, h37km, 31km, n24, c059/17, mb4.0/7, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, etc.

ISCJB 03 01:00:20.4: 1.2, 28.64S:0.0:3:71.56W:0.06, h26km, 8km, mb4.2/13, MS4.4/8, Error ellipse: s-maj=8.9km s-min=4.5km az=177.3

NEIC 03 01:00:21.3, 28.64S:71.47W, h32km, ML5.1(GUC), After GUC

GUC 03 01:00:21.3:0.7, 28.64S:71.47W, h32km, 4km, ML5.1, IDC 03 01:00:22.4:0.5, 28.67S:71.29W, h27km, 2km, mb4.2/13, mb1 4.3/16, mb1mx4.2/19, mbtmpr4.1/16, ML4.3/3, MS4.2/10, Ms1 4.2/10, ms1mx3.8/28, Error ellipse: s-maj=18.8km s-min=13.8km az=76.0

ISC 03 01:00:21.9:1.3, 28.62S:0.02:71.44W:0.06, h24km, 9km, h30km, 3km, pp-P, n55, c089/58, mb4.2/13, MS4.4/8, 2C-1D, Near coast of central Chile

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

ISCJB 03 00:36:50.3:4.2, 57.9S:0.1:25.8W:0.2, h44km, 41km, mb4.0/7, Error ellipse: s-maj=22.9km s-min=14.7km az=16.8

IDC 03 00:36:53.6:0.7, 57.90S:25.79W, h58km, 5km, mb3.8/6, mb1 3.9/6, mb1mx3.7/15, mbtmpr3.8/6, Error ellipse: s-maj=27.5km s-min=19.8km az=98.0

NEIC 03 00:36:55.9:3.0, 57.88S:25.80W, h81km, 27km, mb4.1/2, Error ellipse: s-maj=12.6km s-min=10.1km az=190.0

ISC 03 00:36:51.6:3.0, 57.9S:0.1:25.8W:0.2, h37km, 31km, n24, c059/17, mb4.0/7, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, EPI East Falkland, etc.

ISCJB 03 00:36:50.3:4.2, 57.9S:0.1:25.8W:0.2, h44km, 41km, mb4.0/7, Error ellipse: s-maj=22.9km s-min=14.7km az=16.8

IDC 03 00:36:53.6:0.7, 57.90S:25.79W, h58km, 5km, mb3.8/6, mb1 3.9/6, mb1mx3.7/15, mbtmpr3.8/6, Error ellipse: s-maj=27.5km s-min=19.8km az=98.0

NEIC 03 00:36:55.9:3.0, 57.88S:25.80W, h81km, 27km, mb4.1/2, Error ellipse: s-maj=12.6km s-min=10.1km az=190.0

ISC 03 00:36:51.6:3.0, 57.9S:0.1:25.8W:0.2, h37km, 31km, n24, c059/17, mb4.0/7, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, etc.

ISCJB 03 01:00:20.4: 1.2, 28.64S:0.0:3:71.56W:0.06, h26km, 8km, mb4.2/13, MS4.4/8, Error ellipse: s-maj=8.9km s-min=4.5km az=177.3

NEIC 03 01:00:21.3, 28.64S:71.47W, h32km, ML5.1(GUC), After GUC

GUC 03 01:00:21.3:0.7, 28.64S:71.47W, h32km, 4km, ML5.1, IDC 03 01:00:22.4:0.5, 28.67S:71.29W, h27km, 2km, mb4.2/13, mb1 4.3/16, mb1mx4.2/19, mbtmpr4.1/16, ML4.3/3, MS4.2/10, Ms1 4.2/10, ms1mx3.8/28, Error ellipse: s-maj=18.8km s-min=13.8km az=76.0

ISC 03 01:00:21.9:1.3, 28.62S:0.02:71.44W:0.06, h24km, 9km, h30km, 3km, pp-P, n55, c089/58, mb4.2/13, MS4.4/8, 2C-1D, Near coast of central Chile

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

IDC 03 00:47:50.5:1.1, 19.77N:121.42E, h0km, mb3.5/5, mb1 3.8/5, mb1mx3.6/20, mbtmpr3.5/5, Error ellipse: s-maj=78.3km s-min=21.0km az=66.0, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, MKAR Makarani Arr, ZALV Zalesovo Beam, etc.

ISCJB 03 00:47:50.5:1.1, 19.77N:121.42E, h0km, mb3.5/5, mb1 3.8/5, mb1mx3.6/20, mbtmpr3.5/5, Error ellipse: s-maj=78.3km s-min=21.0km az=66.0, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AML Almayasu, EKSZ Kerk-Say, BVKA Borovoy Arr, etc.

ISCJB 03 01:00:20.4: 1.2, 28.64S:0.0:3:71.56W:0.06, h26km, 8km, mb4.2/13, MS4.4/8, Error ellipse: s-maj=8.9km s-min=4.5km az=177.3

NEIC 03 01:00:21.3, 28.64S:71.47W, h32km, ML5.1(GUC), After GUC

GUC 03 01:00:21.3:0.7, 28.64S:71.47W, h32km, 4km, ML5.1, IDC 03 01:00:22.4:0.5, 28.67S:71.29W, h27km, 2km, mb4.2/13, mb1 4.3/16, mb1mx4.2/19, mbtmpr4.1/16, ML4.3/3, MS4.2/10, Ms1 4.2/10, ms1mx3.8/28, Error ellipse: s-maj=18.8km s-min=13.8km az=76.0

ISC 03 01:00:21.9:1.3, 28.62S:0.02:71.44W:0.06, h24km, 9km, h30km, 3km, pp-P, n55, c089/58, mb4.2/13, MS4.4/8, 2C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, MKAR Makarani Arr, ZALV Zalesovo Beam, etc.

BJI 03 00:48:59.7, 19.60N:121.89E, h31km, mb4.5/8, mb4.6/11, Ms3.9/7, Ms3.7/3

IDC 03 00:49:00.6:0.9, 19.80N:121.42E, h0km, mb4.0/17, mb1 4.2/18, mb1mx4.1/25, mbtmpr4.0/18, ML4.1/1, MS3.6/6, Ms1 3.6/6, ms1mx3.1/31, Error ellipse: s-maj=30.6km s-min=13.6km az=69.0

NIED 03 00:49:20.0:20.00N:122.10E, h35km, Mw4.2 Best double couple: Az=1.000:100:100:100:25.00000:0.889.00000:0

ISCJB 03 00:47:50.5:1.1, 19.77N:121.42E, h0km, mb3.5/5, mb1 3.8/5, mb1mx3.6/20, mbtmpr3.5/5, Error ellipse: s-maj=78.3km s-min=21.0km az=66.0, Philippine Islands region

IDC 03 00:49:00.6:0.9, 19.80N:121.42E, h0km, mb4.0/17, mb1 4.2/18, mb1mx4.1/25, mbtmpr4.0/18, ML4.1/1, MS3.6/6, Ms1 3.6/6, ms1mx3.1/31, Error ellipse: s-maj=30.6km s-min=13.6km az=69.0

NIED 03 00:49:20.0:20.00N:122.10E, h35km, Mw4.2 Best double couple: Az=1.000:100:100:100:25.00000:0.889.00000:0

ISCJB 03 01:00:20.4: 1.2, 28.64S:0.0:3:71.56W:0.06, h26km, 8km, mb4.2/13, MS4.4/8, Error ellipse: s-maj=8.9km s-min=4.5km az=177.3

NEIC 03 01:00:21.3, 28.64S:71.47W, h32km, ML5.1(GUC), After GUC

GUC 03 01:00:21.3:0.7, 28.64S:71.47W, h32km, 4km, ML5.1, IDC 03 01:00:22.4:0.5, 28.67S:71.29W, h27km, 2km, mb4.2/13, mb1 4.3/16, mb1mx4.2/19, mbtmpr4.1/16, ML4.3/3, MS4.2/10, Ms1 4.2/10, ms1mx3.8/28, Error ellipse: s-maj=18.8km s-min=13.8km az=76.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, MKAR Makarani Arr, ZALV Zalesovo Beam, etc.

3d 2h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Paso Flores, Pinedale Array, Torodi Ar. Bea, etc.

KRSC 03 02:13:27.4-0.6, 51.80N-158.11E, h114km, 53km, ML3.9, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Russkaya, Gorelyy, Malaya Ipe'l'ka, etc.

CSEM 03 02:33:22.9-0.6, 37.23N-16.50E, h50km, ML3.6/5, Error ellipse: s-maj=10.7km s-min=4.9km az=146.0

ROM 03 02:33:25.4-0.3, 37.26N-16.65E, h54km, 5km, Md2.4/9, M12.4/7, 6D, Error ellipse: s-maj=3.7km s-min=2.7km az=47.0, Ionian Sea

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Palizzi, Samo, Motta San Giov, etc.

DJA 03 02:41:33.6, 82S-115.32E, h22km, MLv3.8/2, Bali Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Sangaraja, Kalianget, Kahang-Kahang, etc.

ISK 03 02:44:59.8, 35.95N-27.10E, h21km, MD3.1 NEIC 03 02:45:01.4, 36.03N-27.12E, h54km, MD3.1 (ATH), After ATH

ISCJB 03 02:45:01.4-0.5, 36.01N-27.14E-0.04, h62km, 9km, Error ellipse: s-maj=6.7km s-min=3.3km az=143.6

ATH 03 02:45:01.4, 36.03N-27.12E, h54km, 2km, MD3.1/3 CSEM 03 02:45:02.7-0.1, 36.03N-27.13E, h40km, MD3.1, Error ellipse: s-maj=3.7km s-min=2.1km az=141.0

DDA 03 02:45:04.8, 36.29N-27.70E, h20km, 4km, MD3.2 ISC 03 02:45:02.4-0.5, 36.01N-27.14E-0.04, h58km, 11km, n57, 0.62/90, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Karpathos, Datca, Arkhangelos, etc.

2008 APR

Table with columns: BDRM Kayabasi, BDRM Zakros, ZKR Zakros, etc.

Table with columns: YER Yerkesik, TUR Turunc, TUR Turunc, etc.

Table with columns: AKAS Kas, AKAS Kas, GOLH Golhisar, etc.

NEIC 03 02:54:32.0-0.8, 6.08N-126.23E, h35km, mb3.8/1, Error ellipse: s-maj=56.8km s-min=10.1km az=71.0

IDC 03 02:54:43.9-9.3, 5.92N-126.03E, h148km, 88km, mb3.4/7, mb1.3/7, mb1mx3.3/21, mbtmpp3.4/7, Error ellipse: s-maj=84.2km s-min=17.9km az=72.0

ISCJB 03 02:54:46.4-0.8, 5.6N-10.1, 125.4E, 0.4, h186km, 6km, mb3.7/8, Error ellipse: s-maj=66.6km s-min=14.8km az=162.0

ISC 03 02:54:47.8-0.9, 5.7N-10.1, 125.5E, 0.3, h178km, 7km, n11, r15/10/12, mb3.7/8, 1C-1D, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like General Santos, Kidapawan, Fityzro Crossi, etc.

WRAB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, NWA0 Narragin (SR0), MKAR Makanani Array, MKAR Makanani Array

ZALV Zalevo Balm, KURK Kurchatov, KCP Citekco

TORD Torodi Ar. Bea

IDC 03 02:58:36.5-0.6, 4.21S-102.16E, h0km, mb4.7/20, mb1.4/7.21, mb1mx4.7/25, mbtmpp4.7/21, ML3.8/1, MS4.0/6, mb1.4/0.6, ms1mx3.6/29, Error ellipse: s-maj=30.4km s-min=11.4km az=50.0

MOS 03 02:58:39.0-1.0, 4.27S-102.42E, h33km, mb5.2/28, Error ellipse: s-maj=19.9km s-min=6.5km az=109.2

BUI 03 02:58:40.0, 4.30S-102.20E, h35km, mb4.9/24, mb4.9/36, Ms4.9/16, Ms7.4/6/15

NEIC 03 02:58:42.1-0.2, 4.30S-102.20E, h35km, mb4.9/24, Error ellipse: s-maj=8.5km s-min=5.3km az=49.0

NEIC Felt [I] at Bengkulu, ISCJB 03 02:58:43.2-0.6, 4.38S-102.07E-0.04, h63km, 5km, mb4.9/28, Error ellipse: s-maj=7.8km s-min=4.7km az=44.0

DJA 03 02:58:45.4, 21S-102.20E, h28km, Mw5.2/9 ISC 03 02:58:45.1-0.6, 4.40S-102.11E-0.04, h65km, 4km, h41km, 3.8km, pp-P, n14, s12/20/233, mb4.9/82, 98C-100D, Southern Sumatra

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Manna, Kapating, MDSI Maura Dua, etc.

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Christmas Isla, Christmas Isla, Christmas Isla, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like M07A Soldier Meadow, G12A Big Creek, C16A Fuhringer Ranc, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like R17A Hanksville Air, P19A Cripple Cowboy, N21A Black Mountain, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like 8.6nm,1.4s HLID Hailey, JMTT Jette, SWMT Swartz Lake, etc.

IDD 03 03:01:09.7z 1.4, 44.28N; 129.39W, h0km, mb3.7/8, mb1 3.8/12, mb1mx3.7/28, mbtmp3.6/12, MSJ.3/4, MS3.7/7, ms1.377, ms1mx3.3/41, Error ellipse: s-maj=36.6km s-min=14.9km az=40.0

ISC/JB 03 03:01:10.5z 2.1, 44.44N; 0.04:129.35W; 0.07, h7km, 13km, mb3.8/9, MS3.3/4, Error ellipse: s-maj=8.5km s-min=6.7km az=3

BJJ 03:01:12.5, 45.10N; 129.78W, h10km NEIC 03 03:01:13.9, 1.3, 44.42N; 129.26W, h10km, mb3.7/14, Error ellipse: s-maj=15.4km s-min=6.5km az=83.0

ISC 03 03:01:12.9z 5.2, 44.44N; 0.04:129.45W, 0.08, h13km, 16km, n90, e1909.91, mb3.8/9, MS3.4/5, Off coast of Oregon

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like MOunt Hebo, KMBOR Kings Mountain, COR Corvallis, etc.

NIED 03 12:00, 20:00N; 121.60E, h35km, Mw4.9 Best double couple: M2.50000x1016 NP1.0z213.00000, 886.00000, 1.166.00000, NP2.0z304.00000, 876.00000, 1.4.00000

NEIC 03 03:12:49.1z 0.2, 19.77N; 121.33E, h10km, mb5.0/72, Error ellipse: s-maj=4.3km s-min=4.1km az=96.0

NEIC Feil (IV PIVS) at Basco, Baton Islands, GMCT 03 03:12:49.1z 0.2, 19.92N; 121.19E, h28km, MW5.3/81, Moment Tensor Solution, s56, e81, s1.6151; Duration: 1s0

MOS 03 03:12:51.2z 1.0, 19.87N; 121.35E, h33km, mb5.5/55, MS4.8/13, Error ellipse: s-maj=9.1km s-min=4.5km az=119.3

ISC/JB 03 03:12:52.4z 0.2, 19.98N; 0.02:121.40E; 0.02, h40km, mb4.8/140, MS4.7/46, Error ellipse: s-maj=3.3km s-min=2.4km az=24.7

MAN 03 03:12:52, 20:03N; 121.95E, h7km, mb5.2, ML4.1, MS4.3 MAN INTENSITY IV - BASCO BATANES, BJJ 03 03:12:52, 4.0, 20.07N; 121.20E, h31km, mb5.1/39, mb4.7/50, ML4.5/3, MS4.9/60, MS7.4/84

ISC 03 03:12:53.0z 0.5, 19.81N; 121.33E, h39km, 4km, mb4.4/31, mb1 4.5/33, mb1mx4.5/37, mbtmp4.4/33, ML4.9/1, MS4.6/23, NEIC Feil (IV PIVS) at Basco, Baton Islands, s-min=8.2km az=72.0

JMA 03 03:12:54.0z 0.3, 20.00N; 121.58E, h6km, M5.2 SZGRF 03 03:12:55.5z 0.267N; 121.83E, h33km, mb5.1, MS4.9, Philippine Islands region

DJA 03 03:13:02, 20:26N; 121.69E, h167km, Mw5.0/8 ISC 03 03:12:54.3z 0.1, 19.98N; 0.02:121.39E; 0.02, h42km, h42km, 9km, pp-P, n82z, e111/403, mb4.8/140, MS4.7/46, 17C-14D, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like SGCP Mt. Cagua, APYR Conner, ABRA Dolores, etc.

BALP	Baler	4.21 178	eP	Pn	03 13 57.0	+0.9
SCZP	Santa Cruz	4.41 199	eP	Pn	03 14 03.2	+4.5
HATJ	Hateruma jima	4.64 28	P	Pn	03 14 01.6	-0.3
HATJ			S	Pn	03 14 53.2	-1.3
YHNB	Yeheng	4.67 360	eP	Pn	03 14 03.1	+0.8
YUJ	Yonaguni jima	4.71 18	P	Pn	03 14 03.2	+0.3
YUJ			eS	Pn	03 14 56.5	+0.3
IRIF	Iromote-Funau	4.85 26	P	Pn	03 14 04.3	-0.5
IRIF			eS	Pn	03 14 58.4	-1.3
KJRS	Kuro-shima	4.89 29	P	Pn	03 14 05.3	0.0
KJRS			eS	Pn	03 14 59.4	-1.2
TATO	Taishigai jima	4.98 1	eP	Pn	03 14 07.6	-0.6
JIJ		5.06 30	P	Pn	03 15 02.7	-2.1
POLP	Poiliio Island	5.24 174	eP	Pn	03 14 10.3	+0.1
JTJ	Tarama	5.56 33	P	Pn	03 14 14.2	-0.4
JTJ			eS	Pn	03 15 15.6	-1.7
OZH	Quanzhou	5.58 333	Pn	Sn	03 14 12.8	-2.0
OZH			S	Sn	03 15 12.4	-5.3
OZH	comp=N,360nm,0.9s			smax		
OZH	comp=E,420nm,0.9s			LR	LR	
OZH	comp=N,7um,13.1s			LR	LR	
OZH	comp=E,5um,9.8s			LR	LR	
QZH				LR	LR	
TGY	Tagaytay City	5.86 184	Pn	Pn	03 14 17.1	-1.5
TGY	comp=Z,69nm,0.3s,baz=111,slow=8.6,SNR=2.8					
JMJ	Miyako jima 2	6.02 36	eS	Pn	03 14 21.6	+0.8
JMJ			eS	Pn	03 15 27.5	-1.0
JOGS	Gusukube	6.04 37	P	Pn	03 14 21.3	+0.2
JOGS			eS	Pn	03 15 27.9	-1.1
GOP	Guinayangan	6.12 170	eP	Pn	03 14 21.1	-1.1
LUBP	Lubang	6.30 190	eP	Pn	03 14 27.2	+5.5
PVCP	Virac	6.87 157	eP	Pn	03 14 33.6	+1.0
JKE	Kume jima 2	8.04 37	P	Pn	03 14 49.9	+1.4
GZH	Guangzhou	8.11 294	P	Pn	03 14 43.8	-5.7
GZH			S	Pn	03 16 11.2	-8.6
GZH	comp=N,3um,17.7s			LR	LR	
GZH	comp=E,7um,13.7s			LR	LR	
GZH	comp=Z,10um,15.1s			LR	LR	
JAGN	Aguni-jima	8.50 38	eS	Pn	03 16 29.0	-0.5
JIH	Iheya	9.26 39	P	Pn	03 15 04.7	-0.6
JIH			eS	Pn	03 16 47.2	-1.0
JOW	Kunigami	9.30 42	P	Pn	03 15 05.0	-0.8
JOW			eS	Pn	03 16 46.6	-2.5
JOW	Kunigami	9.30 42	Pn	Pn	03 15 06.2	+0.3
JOW	comp=Z,25nm,0.3s,baz=222,slow=16,SNR=32			LR	LR	
JOW	comp=Z,3um,20.9s,baz=251,slow=38			LR	LR	
JTK	Tokunoshima	10.40 40	P	Pn	03 15 19.9	-1.0
JTK			eS	Pn	03 17 12.9	-3.3
JMZ	Minamidaito 2	10.76 55	P	Pn	03 15 24.2	-1.7
JMZ			eS	Pn	03 17 17.3	-7.7
QIZ	Qiongzong	10.93 267	P	Pn	03 15 23.4	-4.8
QIZ			S	Pn	03 17 28.8	-0.4
QIZ	comp=Z,16nm,0.7s			LR	LR	
QIZ	comp=E,4um,14.6s			LR	LR	
QIZ	comp=Z,5um,14.8s			LR	LR	
JAM	Amami Oshima	11.25 40	P	Pn	03 15 30.8	-1.8
JAM			eS	Pn	03 17 29.2	-7.8
NJ2	Nanjing	12.24 350	eP	Pn	03 15 47.7	+1.6
NJ2			eP	Pn	03 15 54.6	-1.7
NJ2			PP	Pn	03 15 58.0	0.0
NJ2			S	Pn	03 15 59.6	0.0
NJ2			S	Pn	03 18 04.0	+2.9
NJ2			SS	Pn	03 18 16.0	0.0
NJ2			SS	Pn	03 18 20.0	0.0
NJ2	comp=Z,10.0nm,0.9s			pmax	pmax	
NJ2	comp=Z,120nm,6.3s			LR	LR	
NJ2	comp=N,3um,18.7s			LR	LR	
NJ2	comp=E,3um,13.9s			LR	LR	
NJ2	comp=Z,4um,17.9s			LR	LR	
WHN	Wuhan	12.30 330	P	Pn	03 15 47.3	+0.5
WHN			S	Pn	03 16 00.0	0.0
WHN			S	Pn	03 18 08.1	+5.6
WHN	comp=N,7um,14.2s			LR	LR	
WHN	comp=E,8um,17.0s			LR	LR	
WHN	comp=Z,1um,16.4s			LR	LR	
DAV	Davao City (W)	13.46 162	LR	LR	03 21 41.4	
KKM	Kota Kinabalu	14.73 201	eP	Pn	03 16 20.1	+0.1
GYA	Guinay	14.99 298	P	Pn	03 16 23.1	-0.3
GYA			PP	Pn	03 16 30.5	-7.9
GYA			pmax	pmax		
GYA	comp=Z,20nm,0.7s			pmax	pmax	
GYA	comp=Z,120nm,4.8s			LR	LR	
GYA	comp=N,1um,13.8s			LR	LR	
GYA	comp=E,1um,14.6s			LR	LR	
GYA	comp=Z,1um,14.4s			LR	LR	
TIA	Tai'an	16.61 348	eP	Pn	03 16 44.6	+0.6
XAN	Xi'an	17.86 324	P	Pn	03 16 58.3	-1.2
XAN			PP	Pn	03 17 06.3	-3.8
XAN			SP	Pn	03 17 10.4	-5.0
XAN			SP	Pn	03 17 13.3	0.0
XAN			S	Pn	03 20 09.1	-1.4
XAN			SS	Pn	03 20 31.6	0.0
XAN			PcP	Pn	03 21 40.6	+6.0
XAN	comp=Z,13nm,1.5s			pmax	pmax	
XAN	comp=Z,240nm,9.4s			LR	LR	
XAN	comp=N,2um,20.9s			LR	LR	
XAN	comp=E,460nm,16.3s			LR	LR	
XAN	comp=Z,1um,14.0s			LR	LR	
KMI	Kunming	17.97 290	P	Pn	03 17 02.5	+1.5
KMI			PP	Pn	03 17 09.6	-1.8
KMI			SP	Pn	03 17 14.6	-2.2
KMI			PP	Pn	03 17 16.8	0.0
KMI			S	Pn	03 20 17.9	-7.3
KMI			SS	Pn	03 20 30.0	-1.2
KMI			SS	Pn	03 20 40.8	0.0
KMI			PcP	Pn	03 21 37.7	+2.7
KMI	comp=Z,28nm,2.0s			pmax	pmax	
KMI	comp=Z,670nm,7.0s			LR	LR	
KMI	comp=N,2um,15.2s			LR	LR	
KMI	comp=E,3um,13.0s			LR	LR	
KMI	comp=Z,3um,12.7s			LR	LR	
DL2	Dalian	18.87 1	P	Pn	03 17 09.4	-2.4
DL2			S	Pn	03 20 38.8	-4.3
DL2	comp=Z,10.0nm,0.6s			pmax	pmax	
DL2	comp=Z,210nm,8.3s			LR	LR	
DL2	comp=N,1um,15.2s			LR	LR	
DL2	comp=E,1um,15.2s			LR	LR	
DL2	comp=Z,1um,16.4s			LR	LR	
CD2	Chengdu	19.26 308	P	Pn	03 17 15.6	-1.0
CD2			PP	Pn	03 17 23.7	-1.9
CD2			SP	Pn	03 17 28.2	-2.8
CD2			PP	Pn	03 17 32.8	0.0
CD2			S	Pn	03 20 44.8	-6.5

CD2			sS	sS	03 20 57.7	-1.0
CD2	comp=Z,90nm,1.4s		pmax	pmax		
CD2	comp=Z,1um,6.0s		LR	LR	LR	LR
CD2	comp=N,4um,14.8s		LR	LR	LR	LR
CD2	comp=E,5um,16.6s		LR	LR	LR	LR
CD2	comp=Z,4um,15.4s		LR	LR	LR	LR
TIY	Taiyuan	19.32 338	eP	Pn	03 17 17.0	-0.2
TIY	comp=Z,750nm,4.9s		pmax	pmax		
TIY	comp=N,4um,15.1s		LR	LR	LR	LR
TIY	comp=E,1um,13.8s		LR	LR	LR	LR
TIY	comp=Z,4um,15.9s		LR	LR	LR	LR
SBUM	Sibu	19.59 208	P	Pn	03 17 18.3	-2.2
CBJH	Chichi jima	20.32 66	LR	LR	03 23 45.9	
CBJH	comp=Z,1um,20.3s,MS4.3,baz=302,slow=32					
BJT	Baijiatuu	20.47 348	eP	Pn	03 17 29.1	+0.7
BJT			pmax	pmax		
BJT	comp=Z,133nm,0.6s					
BJT	Baijiatuu	20.47 348	eP	Pn	03 17 29.1	+0.7
BJT	comp=Z,133nm,0.6s					
BJI	Beijing	20.49 349	P	P	03 17 29.2	+0.6
BJI			S	P	03 21 19.0	+3.3
BJI	comp=Z,150nm,1.1s		pmax	pmax		
BJI	comp=Z,420nm,3.1s		LR	LR	LR	LR
BJI	comp=N,1um,19.2s,MS4.5		LR	LR	LR	LR
BJI	comp=E,1um,18.2s,MS4.5		LR	LR	LR	LR
BJI	comp=Z,2um,22.2s,MS4.3		LR	LR	LR	LR
NST	Naknon Sawa	20.68 261	P	P	03 17 27.5	-3.4
JHJ	Hachijo jima 2	20.96 48	LR	LR	03 24 18.4	
JHJ	comp=Z,833nm,20.5s,MS4.1,baz=284,slow=32					
JNY	Yasuoku	21.11 40	P	P	03 17 37.8	+2.5
SHZ3	Shizuoka 3	21.13 41	P	P	03 17 38.0	+2.4
CHG	Chiung Mai	21.20 271	P	P	03 17 35.7	-0.8
CHG	comp=Z,39nm,1.1s,mb4.7					
CHTO	Chiang Mai	21.20 271	eP	P	03 17 35.9	-0.6
CHTO			pmax	pmax		
CHTO	comp=Z,134nm,1.8s,mb5.0					
CHTO	Chiang Mai	21.20 271	eP	P	03 17 35.9	-0.6
CHTO	comp=Z,134nm,1.8s,mb5.0					
CM31	Chiang Mai Arr	21.25 270	eP	P	03 17 36.4	-0.6
CM31	comp=Z,7.7nm,1.1s,mb4.0					
KSM	Kuching	21.34 212	eP	P	03 17 38.6	+0.6
KSM	comp=Z,25nm,0.5s,mb4.8					
BDT	Bhumibol Dam	21.39 266	P	P	03 17 38.0	-0.5
BDT	comp=Z,13nm,0.9s,mb4.3					
SNY	Shenyang	21.86 4	P	P	03 17 44.6	+1.3
SNY			S	P	03 21 39.9	-2.6
SNY	comp=Z,15nm,0.6s,mb4.6		LR	LR	LR	LR
SNY	comp=N,6um,14.7s,MS5.1		LR	LR	LR	LR
SNY	comp=E,2um,19.6s,MS5.1		LR	LR	LR	LR
SNY	comp=Z,2um,16.1s,MS4.5		LR	LR	LR	LR
MAJO	Matsushiro	22.12 38	eP	P	03 17 47.3	+1.1
MAJO			pmax	pmax		
MAJO	comp=Z,205nm,2.3s,mb5.2					
MAJO	Matsushiro	22.12 38	eP	P	03 17 47.3	+1.1
MAJO	comp=Z,205nm,2.3s,mb5.2					
MAT	Matsushiro	22.12 38	P	P	03 17 47.3	+1.1
MAT			S	P	03 21 52.0	+4.4
MAT			S	P	03 17 47.5	+1.3
MJAR	Matsushiro Arr	22.12 38	P	P	03 17 48.5	+1.0
MJAR	comp=Z,8.4nm,1.0s,mb4.1,baz=228,slow=8.1,SNR=14					
LZH	Lanzhou	22.25 320	eP	P	03 17 58.6	+0.1
LZH			PP	P	03 18 03.4	+0.1
LZH			SP	P	03 18 15.5	0.0
LZH			eS	P	03 21 44.6	-5.5
LZH			S	P	03 21 58.0	-9.0
LZH			SS	P	03 22 20.2	0.0
LZH	comp=Z,28nm,1.0s,mb4.7		pmax	pmax		
LZH	comp=Z,140nm,4.9s		LR	LR	LR	LR
LZH	comp=E,2um,14.9s		LR	LR	LR	LR
LZH	comp=Z,3um,15.6s,MS4.9		LR	LR	LR	LR
LZH	Hu-ho-hao-te	22.43 340	eP	P	03 17 50.1	+0.7
LZH			PP	P	03 18 00.0	0.0
LZH			SP	P	03 18 03.5	-1.7
LZH			PP	P	03 18 17.8	0.0
LZH			PcP	P	03 21 43.6	+0.7
LZH			S	P	03 21 53.1	-0.5
LZH			S	P	03 22 06.2	-4.4
LZH	comp=Z,39nm,1.5s,mb4.6		pmax	pmax		
LZH	HHC	comp=Z,440nm,6.5s	pmax	pmax		
LZH	HHC	comp=N,3um,15.5s,MS4.9	LR	LR	LR	LR
LZH	HHC	comp=E,1um,14.9s,MS4.9	LR	LR	LR	LR
LZH	HHC	comp=Z,3um,16.1s,MS4.8	LR	LR	LR	LR
KTMG	Kuala Trengganu	22.96 233	P	P	03 17 53.8	-1.5
GUMO	Guam	23.34 102	P	P	03 17 58.9	-0.3
GUMO	comp=Z,31nm,0.3s,mb5.2,baz=222,slow=22,SNR=3.6					
CHANGCHUN	Changchun	24.00 7	eP	P		

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BMO Blue Mountains, NEW Newport, NVAR Mina Array Bay, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, AKTO Aktyubinsk, WMQ Urtuch, etc.

IDC 03 04:04:22.5-1.3, 73:21Sx135:11W, h0km, mb4.5/3, mbl 4.5/5, mb1mx4.2/1.1, mbtmp4.3/5, ML4.12, MS3.9/3, MS1 3.9/3, ms1mx3.0/1.1, Error ellipse: s-maj=52.5km s-min=31.9km az=145.0

NEIC 03 04:04:24.8/0.7, 73:34Sx135:67W, h10km, mb4.7/1, Error ellipse: s-maj=22.7km s-min=16.4km az=145.0

SZGRF 03 04:04:26.0, 75:42Sx146:33W, h33km, Antarctica ISC 03 04:04:27.7-5.1, 73:55Sx101:136:3W, 0.7, h17km, mb3.6km, n49, 0.5/4/11, mb4.5/4, MS3.9/2, 6C-8D, Southern Pacific

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SBA Scott Base, SBA Vanda, VNSA Vanda, etc.

BUI 03 04:06:26.9, 46:58N, 131:29E, h11km, ML3.4/6 SKHL 03 04:06:22.8, 0.5, 46:39N-131:43E, h10km, mb3.5/1, Northeastern China

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KLR Kul'dur, Mudanjiang, MDJ, etc.

NEIC 03 04:17:43.1, 47:22Sx165:82E, h0km, ML4.1(WEL), After WEL 03 04:17:43.6, 0.5, 47:20Sx165:79E, h5km, ML4.0/10, 2C-1D, Error ellipse: s-maj=6.3km s-min=2.3km az=90.0, Off west coast of South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PYZ Puysegur Point, APZ The Paps, APZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WHZ Scrubby Hill, SYZ Scrubby Hill, Mavora Lakes, etc.

CSEM 03 04:20:48.3, 0.8, 51:49N-16:02E, h2km, ML2.8/4, Error ellipse: s-maj=12.6km s-min=6.6km az=3.0

PRU 03 04:20:48.8, 51:50N-16:04E, h0km WAR 03 04:20:48.9, 51:54N-16:01E, ML2.2, Mining Induced ISC 03 04:20:47.5-1.3, 51:55N-16:06E, h0km, n18, 0.6/9/33, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSP Ksiaz, KSP Utrice, DPC Dobruska-Polom, etc.

NEIC 03 04:36:41.3, 2.0, 35:99N-70:65E, h57km, 29km, mb4.0/3, Error ellipse: s-maj=26.2km s-min=6.3km az=58.0

ISCJB 03 04:36:48.1, 2.1, 36:5S, 0.1, 71:3E, 0.2, h176km, 42km, Error ellipse: s-maj=27.7km s-min=9.8km az=139.2

NIC 03 04:36:56.3, 5.9, 37:12N-70:99E, h212km, 84km, mb2.7, mps=8, Error ellipse: s-maj=58.8km s-min=34.2km

ISC 03 04:36:47.2, 6.36, 4N, 0.1, 71:2E-0.2, h146km, 45km, n27, 0.1/13/30, 2C-3D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AML Almayashu, UCH Uchtor, EKS2 Erkin-Say, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include PLRO Paularo, ORIF Oris-en-Rattie, SKDS Skadanscina, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include GEC2 Sextfontaines, LOR Lormes, AVF Avril sur Loir, etc.

IDC 03 05:11:33.9, 3.5, 7.12S, 156.06E, h0km, mb3.9/5, mb1 4.0/5, mb1mx3.8/15, mbtmp3.9/5, Error ellipse: s-maj=106.2km s-min=29.0km az=114.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, etc.

ISC/JB 03 05:13:02.1, 1.1, 12.71S, 0:2:66.4E, 0.2, h10km, mb3.8/9, MS3.4/3, Error ellipse: s-maj=31.7km s-min=22.4km az=32.1

IDC 03 05:13:02.5, 1.1, 12.71S, 66:35E, h0km, mb3.9/8, mb1 4.0/8, mb1mx3.8/21, mbtmp3.9/8, MS3.5/3, Ms1 3.4/3, ms1mx3.0/25, Error ellipse: s-maj=36.5km s-min=26.1km az=27.0

NEIC 03 05:13:03.9, 0.7, 12.70S, 66:30E, h10km, mb4.5/1, Error ellipse: s-maj=22.8km s-min=17.8km az=207.0

ISC 03 05:13:04.1, 1.1, 12.7S, 0:2:66.3E, 0.2, h10km, n16, c074/11, mb3.8/9, MS3.4/3, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include PALK Pallekele, POSI Prapat, MKAR Makanchi Array, etc.

KRSC 03 05:20:25.6, 0.2, 50:79N, 153:55E, h444km, 23km, ML4.6, BUJ 03 05:20:29.6, 5.1, 47N, 152:77E, h380km, mB4.6/15, mb4.3/17

ISC/JB 03 05:20:30.3, 0.3, 51:50N, 0:06:152.94E, 0:07, h403km, 4km, mb3.9/57, Error ellipse: s-maj=10.2km s-min=5.4km az=145.7

NEIC 03 05:20:31.6, 0.5, 51:71N, 152:88E, h392km, 5km, mb4.0/17, Error ellipse: s-maj=11.3km s-min=5.9km az=155.0

MOS 03 05:20:31.8, 1.1, 51:74N, 153:38E, h433km, mb3.9/30, Error ellipse: s-maj=12.7km s-min=8.7km az=93.2

IDC 03 05:20:32.0, 0.8, 51:76N, 152:94E, h399km, 8km, mb3.5/18, mb1 3.7/21, mb1mx3.6/27, mbtmp3.5/21, Error ellipse: s-maj=11.9km s-min=9.2km az=150.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include Northwest of Kuril Islands, Severo-Kuril'sk, MIPR Malaya Ipe'l'ka, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like CD2, GYA, WMQ, KURK, MK31, MKR, YKA, BVA0, BRVK, ARU, AAK, KEV, ARCES, KK31, KKN, DMN, GKN, AB31, AKTO, DANM, BSMT, KLMP, KOLN, JOF, JOF, JOF, FFC, FFC, FCC, HRY, BOZ, BOZ, KAF, FINES, FINES, NVAR, RRI2, RRI2, OBN, OBN, BW06, PDAR, NB2, NOA, NOA, SRU, SRU, AKASG, AKASG.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like AKASG, ECSD, SCHO, WRA, WRA, MLR, MLR, FITZ, FITZ, BRTR, BRTR, TXAR, TXAR, ASAR, ASAR, TORO, TORO, DBIC, DBIC, CPUR, CPUR, PLCA, PLCA, GUC, GUC, LVC, LVC, LVC, PB04, PB04, MACH, MACH, PB01, PB01, ANCH, ANCH, PSGC, PSGC, PSGC, PSGC, OJC, OJC, OJC, OKC, MORC, MORC, MORC, MORC, NIE, NIE, NIE, NIE, STHS, STHS, STHS, VYHS, VYHS, VYHS, VYHS, KRAC, KRAC, KRAC, KRAC, KSP, KSP, KSP, KECS, KECS, UJC, UJC, UJC, CRVS, CRVS, CRVS, CRVS, KRUC, KRUC, KRUC, KRUC, KOLS, KOLS, KOLS, KOLS, PRU, PRU, PRU, BRG, BRG, KHC, KHC, KHC, CLL, CLL, CLL.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like BUR08, BUR08, BURAR, BURAR, BJJ, BJJ, NNC, NNC, IDC, IDC, NEIC, NEIC, ISG, ISG, TKM2, TKM2, TKM2, MK31, MK31, MK31, MK31, MK31, MK31, MKR, MKR, MKR, MKR, AAK, AAK, AAK, AAK, KSH, KSH, KSH, EKS2, EKS2, AML, AML, AML, KK31, KK31, KURB, KURB, KURB, KURB, ZALV, ZALV, ZALV, VOSK, VOSK, VOSK, VOSK, BVAA, BVAA, BVAA, BVAA, AB31, AB31, SONM, SONM, ISCJB, ISCJB, IDC, IDC, NEIC, NEIC, DJA, DJA, ISG, ISG, Chagos, Chagos, DGAR, DGAR, DPAR, DPAR, PALK, PALK, PALK, KOLN, KOLN, DMN, DMN, PKI, PKI, DANM, DANM, GKN, GKN, KKN, KKN, GUN, GUN, LSZ, LSZ, LBTB, LBTB, AAK, AAK, AAK, AAK, BOSA, BOSA, BOSA, BOSA, GATA, GATA, GATA, GATA, MKAR, MKAR, MKAR, MKAR, MKAR, MKAR, MKAR, MKAR.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Sado, Wachi, Matsushiro, Asahikawa, etc.

CSEM 03 08:27:24.7, 36°34'N, 21°33'E, h14km, MD3.5, After ATH

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like PYL, Ithomi, Veliai, etc.

ISCJB 03 09:22:34.2, 1.8, 6°02'S, 0.06x, 149°81'E, 0.07, h43km, 16km, mb4/5/20, MS4.3/15, Error ellipse: s-maj=12.2km

ISCJB 03 09:22:35.6, 0.7, 6.00S, 149.90E, h40km, 5km, mb4.1/14, IDC 03 09:22:35.6, 0.7, 6.00S, 149.90E, h40km, 5km, mb4.1/14, MS1.4, 3.17, ms1mx4.2/17, mtbtp4.2/15, ML4.1/11, MS4.3/17, s-min=12.7km az=94.0

New Britain region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Coen, HNR, CTA, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Armidale, Fitzroy Crossi, Stephens Creek, etc.

ISCJB 03 11:10:43.1, 0.4, 38°36'N, 0.02x, 30°92'E, 0.03, h10km, Error ellipse: s-maj=0.0km s-min=0.4km az=17.4

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Bolvadin, Bolvadin, Isparta, etc.

ISCJB 03 11:12:58.2, 0.7, 52°39'N, 0.1x, 169°79'W, 0.09, h95km, 5km, mb3.8/14, Error ellipse: s-maj=20.2km s-min=7.4km az=164.3

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Paso Flores, Villa Florida, Santo Domingo, etc.

NEIC 03 09:26:49.9, 1.7, 05°N, 94°52'W, h139km, MD3.7(MEX), After MEX.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Matias Romero, Huatulo, Vista Hermosa, etc.

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

DDA 03 11:10:42.6, 38°34'N, 30°94'E, h7km, 3km, MD2.9

ISCJB 03 11:10:43.1, 0.4, 38°36'N, 0.02x, 30°92'E, 0.03, h10km, Error ellipse: s-maj=0.0km s-min=0.4km az=17.4

CSEM 03 11:10:43.5, 0.1, 38°36'N, 30°91'E, h12km, MD2.9, Error ellipse: s-maj=3.1km s-min=2.9km az=96.0

ISC 03 11:10:43.1, 38°36'N, 30°87'E, h6km, MD2.7

ISC 03 11:10:43.0, 0.3, 38°36'N, 0.03x, 30°92'E, 0.04, h8km, 7km, n25, 0°78'40, Turkey

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Bolvadin, Bolvadin, Isparta, etc.

ISCJB 03 11:12:58.2, 0.7, 52°39'N, 0.1x, 169°79'W, 0.09, h95km, 5km, mb3.8/14, Error ellipse: s-maj=20.2km s-min=7.4km az=164.3

NEIC 03 11:12:59.5, 52°64'N, 169°69'W, h62km, ML3.6(AEIC), After AEIC.

IDC 03 11:13:01.4, 5.3, 53°23'N, 169°77'W, h100km, 48km, mb3.5/13, mb1.3, 7/14, mb1mx3.6/26, mtbtp3.4/14, Error ellipse: s-maj=29.4km s-min=13.2km az=4.0

ISC 03 11:12:59.5, 0.7, 53.03N, 0.1x, 169.82W, 0.09, h90km, 6km, n30, 0°14'33, mb3.8/14, Fox Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Nikolski, Magazine Ridge, Akutan Green G, etc.

3d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Litokhoron, Paliouri, Kozani, etc.

PRE 03 14:40:00.6±1.1, 2.697S:26.79E, h2km, ML3.5, South Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Parys, Koster, Senekal, etc.

ISCJB 03 14:43:08.9±2.3, 23.79S:0.08:179.8W, 0.1, h467km, 34km, mb3.9/10, Error ellipse: s-maj=18.2km s-min=10.7km az=28.2

NEIC 03 14:43:09.1±1.5, 23.74S:179.97W, h447km, 21km, mb4.0/3, Error ellipse: s-maj=21.0km s-min=14.1km az=138.0

IDC 03 14:43:09.1±3.3, 23.87S:179.92W, h435km, 39km, mb3.3/5, mb1.3/5.7, mb1mx3.4/15, mbmtmp3.7/7, Error ellipse: s-maj=27.6km s-min=21.2km az=156.0

ISC 03 14:43:10.5±1.7, 22.90S:0.10:173.0W, 0.1, h465km, 26km, n20, c0888/20, mb3.9/10, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Afi Afiamalu, Urz Urewera, etc.

2008 APR

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

IDC 03 15:16:37.7±1.0, 18.81N:145.67E, h0km, mb3.7/6, mb1.4/0.6, mb1mx3.7/19, mbtmp3.7/6, Error ellipse: s-maj=37.6km s-min=21.8km az=95.0, Mariana Islands

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

DJA 03 15:27:57.058S:122.04E, h7km, MLv4.1/11, 1C, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like APSI Ampana, LUWI Luwuk, etc.

IEPC 03 16:26:34.9±0.2, 51.57N:16.20E, h0km, ML2.7/4, Error ellipse: s-maj=1.5km s-min=1.3km az=12.0

ISCJB 03 16:26:34.3±0.3, 51.45N:0.02:16.11E, 0.02, h0km, mb3.3/4, Error ellipse: s-maj=2.7km s-min=1.7km az=19.7

CSEM 03 16:26:35.5±0.1, 51.51N:16.10E, h2km, ML3.0/6/14, Error ellipse: s-maj=2.5km s-min=2.0km az=16.0

NEIC 03 16:26:35.9±0.3, 51.54N:16.10E, h5km, ML3.0(SZGRF), ML3.0(BRA), Error ellipse: s-maj=4.0km s-min=3.6km az=202.0

IDC 03 16:26:36.6±0.6, 51.48N:15.94E, h0km, mb3.4/4, mb1.3/4.12, mb1mx3.4/25, mbtmp3.3/12, ML3.2/8, Error ellipse: s-maj=13.5km s-min=6.9km az=107.0

PRU 03 16:26:36.4, 51.50N:16.11E, h0km, WAR 03 16:26:37.0, 51.49N:16.09E, ML2.9, Mining Induced BGR 03 16:26:37.1±0.4, 51.43N:16.09E, h1km, ML3.0, Error ellipse: s-maj=5.6km s-min=2.2km az=17.0

VIE 03 16:26:38.4±0.4, 51.26N:16.06E, h0km, mb2.7/7, ML3.1/7, Error ellipse: s-maj=2.9km s-min=2.5km az=16.0 68 km WNW of Wrocław Suspected Mining induced.

ISC 03 16:26:35.6±0.3, 51.50N:0.02:16.10E, 0.02, h0km, n148, c093/250, mb3.3/4, 13C-6D, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSP Ksiaz, DPC Dobruska-Polom, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OKC Ostrava-Krasne, WRAC Vranov, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STHS, KECS, ARSA, CRVS, etc.

GCMT 03 17:04:39.5:0.2, 3:38S, 145:39E, h16km, 1km, MW4.9/7.2, Moment Tensor Solution, s22, c28; s72, c14; Duration: 0.0...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SMPI, COEN, HNR, KAKA, etc.

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

NEIC 03 17:22:44.0, 32:49S, 71:53W, h57km, MG4.0(GUC), After GUC.

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

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

ISCJB 03 17:26:16.7:0.6, 28:83N, 0:04:77.36E:0.05, h23km, 6km, Error ellipse: s-maj=9.4km s-min=4.9km az=42.2

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

NEIC 03 17:55:47.2, 35:28S, 71:04W, h115km, MG3.8(GUC), After GUC.

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

ISK 03 18:06:04.6, 36:98N, 29:20E, h8km, MD3.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PXZ, KHZ, KATZ, KAHZ, RITZ, etc.

MAN 03 18:25:14.10.80N:126.21E, h9km, mb4.7, ML3.6, MS3.6, 1C, Philippine Islands region

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

ISCJB 03 18:25:24.0.0.5.28:111N:102.102E, h10km, mb3.9/17, MS2.9/4, Error ellipse: s-maj=8.4km

mb3=5.5km az=140.3

IDC 03 18:25:24.0.0.7.28:108N:101.93E, h0km, mb3.9/14, mb1.3/9/14, mb1mx3.8/25, mbtmp3.9/14, MS2.9/5, Ms1.2/9.5, ms1mx2.6/37, Error ellipse: s-maj=35.7km

s-min=13.5km az=53.0

NEIC 03 18:25:26.4.0.4.28:141N:102.54E, h10km, mb4.2/1, Error ellipse: s-maj=15.4km s-min=8.5km az=62.0

MOS 03 18:25:27.9.1.1.28:128N:102.33E, h33km, mb4.1/8, Error ellipse: s-maj=18.6km s-min=9.8km az=100.7

BUI 03 18:25:28.5.28.15N:102.30E, h14km, mb4.7/3, mb4.5/6, ML4.0/18, MS3.8/6, Ms7.3/6.3

ISC 03 18:25:29.0.0.5.28:111N:102.102E, h10km, n47, s129.55, mb3.9/17, MS2.9/4, 1C, Sichuan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KMI, CD2, GYA, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LZH, CHTO, CHTO, LSA, LSA, LSA, etc.

ISCJB 03 18:29:09.4.2.6.58:44S:25.00W, h0km, mb3.6/2, mb1.3/2, mb1mx3.6/14, mbtmp3.6/2, Error ellipse: s-maj=23.0km s-min=3.4km az=103.0

ISCJB 03 18:29:10.0.1.9.58:55.0:2.24W, h10km, mb3.5/2, Error ellipse: s-maj=76.3km s-min=20.8km az=174.1

ISC 03 18:29:11.7.1.9.58:55.0:2.24W, h10km, n6, n610/4, mb3.5/2, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VNA3, VNA2, VNA1, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like mb1.3/3/10, mb1mx3.1/26, mbtmp3.2/10, etc.

IDC 03 19:00:24.8.2.9.20:33S:175.31W, h0km, mb4.1/4, mb1.4/2.4, mb1mx3.9/17, mbtmp4.1/4, Error ellipse: s-maj=181.7km s-min=42.1km az=156.0, Tonga Islands

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

3d 19h

IDC 03 19:05:27.9.0.7, 26.31N-92.89E, h43km, 6km, mb3.6/15, mb1.3/7.15, mb1mx3.7/25, mbtmp3.6/15, Error ellipse: s-maj=31.3km s-min=13.3km az=54.0

NEIC 03 19:05:28.1.0.4, 26.31N-92.98E, mb4.3/7, Error ellipse: s-maj=16.9km s-min=7.2km az=53.0

BUII 03 19:05:28.1.26.51N-93.02E, h38km, mb4.8/3, mb4.6/12, ML4.1/5, Ms3.7/1, Ms7.3/6/1

ISC 03 19:05:27.4.0.6, 26.31N-0.05-92.90E, 0.05, h37km, 8km, h47km, 1.6km, pP-P, n47, s1918/56, mb4.0/22, 1D

Northeastern India

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists seismic stations in Northeastern India with their respective coordinates and operational status.

2008 APR

Main seismic event table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Contains multiple entries for stations like Dabajuro, Siquisique, Jacura, Curarigua, etc.

NEIC 03 19:13:49.2, 14.96N-92.87W, h74km, MD3.8(MEX), After

Table for NEIC 03 19:13:49.2 event, listing station codes, names, and coordinates for stations in the Chiapas region.

MEX 03 19:16:45.6-0.5, 14.83N-92.99W, h63km, 9km, MD3.7, Near coast of Chiapas

Table for MEX 03 19:16:45.6 event, listing station codes, names, and coordinates for stations in the Chiapas region.

Large table on the right side of the page, listing station codes, names, coordinates, and operational status for various stations across different regions.

ISCJB 03 19:07:54.7.0.6, 12.21N-01.02-69.90W, 0.03, h21km, 5km, mb3.6/7, Error ellipse: s-maj=5.1km s-min=4.0km az=2.6

ISC 03 19:07:54.4.0.8, 12.23N-0.05, h0km, mb3.7/7, mb1.4/1.1, mb1mx3.9/24, mbtmp4.0/11, ML4.3/2, Error ellipse: s-maj=24.4km s-min=16.7km az=79.0

ISC 03 19:19:48.6.1.0, 38.45N-44.71E, h0km, mb3.7/11, mb1.3/9.16, mb1mx3.8/27, mbtmp3.8/16, ML3.9/3, MS3.2/9, Ms1.3.2/9, ms1mx2.8/49, Error ellipse: s-maj=15.5km s-min=11.5km az=120.0

ISC 03 19:19:50.0, 38.52N-45.03E, h5km, MS3.8, TEH 03 19:19:49.4, 38.49N-44.92E, h18km

GYA	comp=N,2um,19.6s,MS4.8	LR	LR						
GYA	comp=E,2um,18.3s,MS4.8	LR	LR						
GYA	comp=Z,1um,18.0s,MS4.6	LR	LR						
JIRN	Jiri 26.17 341 eP	P	P	00 33 10.3 +0.9					
PKI	comp=Z,263nm,0.7s,mb5.8	eP	P	00 33 11.5 +0.4					
PKI	Pulchoki 26.35 340 eP	P	P	00 33 11.7 +0.6					
PKI	Pulchoki 26.35 340 eP	P	P	00 33 11.7 +0.6					
PKI	comp=Z,90nm,0.7s,mb5.4	eP	P	00 33 11.7 +0.6					
PKIN	Phulchoki 26.36 340 eP	P	P	00 33 11.7 +0.6					
DMN	Daman 26.49 339 eP	P	P	00 33 13.5 +1.2					
GUN	Gumba 26.50 341 eP	P	P	00 33 13.2 +0.8					
APSI	comp=Z,319nm,0.8s,mb5.9	eP	P	00 33 13.3 +0.6					
APSI	Ampana 26.50 98 P	P	P	00 33 13.3 +0.6					
GZH	Guangzhou 26.56 39 P	LR	LR	00 33 17.8 +4.7					
GZH	comp=N,3um,15.9s,MS5.0	LR	LR						
GZH	comp=E,2um,15.6s,MS5.0	LR	LR						
GZH	comp=Z,5um,15.6s,MS5.2	LR	LR						
KKN	Kakani 26.59 340 eP	P	P	00 33 13.7 +0.4					
KKN	Kakani 26.59 340 eP	P	P	00 33 13.7 +0.4					
KKN	comp=Z,164nm,0.9s,mb5.6	eP	P	00 33 14.0 +0.2					
MRSI	Marisa 26.63 95 P	P	P	00 33 14.0 +0.2					
BHPL	Bhopal 26.70 321 eP	x	AMB	00 33 42.7					
BHPL	comp=Z,54nm,1.1s,mb5.0	AMB	AMB	00 33 44.0					
LSA	Lhasa 26.98 352 P	P	P	00 33 16.9 +0.2					
LSA	Lhasa 26.98 352 eS	S	S	00 33 17.6 +0.9					
LSA	Lhasa 26.98 352 eS	S	S	00 37 54.0 +1.5					
LSA	comp=Z,71nm,0.8s,mb5.2	eP	P	00 33 17.6 +0.8					
LSA	Lhasa 26.98 352 eP	P	P	00 33 17.6 +0.8					
LSA	comp=Z,71nm,0.8s,mb5.2	eP	P	00 33 17.6 +0.8					
GKN	Gorkha 27.02 339 eP	P	P	00 33 17.4 +0.3					
KOLN	Koldanda 27.20 337 eP	P	P	00 33 19.2 +0.5					
KOLN	comp=Z,180nm,0.8s,mb5.7	eP	P	00 33 22.3 -0.6					
LUWI	Luwuk 27.64 98 P	P	P	00 33 23.1 +0.3					
DANN	Dangsing 27.66 337 eP	P	P	00 33 23.1 +0.3					
WSI	Waingapu 27.76 117 P	P	P	00 33 34.7 +2.7					
KDI	Kendari 28.03 104 eP	P	P	00 33 25.8 -0.6					
KDI	Kendari 28.03 104 eS	S	S	00 38 08.2 -1.3					
KDI	Kendari 28.03 104 P	P	P	00 33 25.2 -1.2					
CD2	Chengdu 28.98 15 P	P	P	00 33 33.6 -1.0					
CD2	comp=Z,60nm,1.2s,mb5.2	eP	P	00 33 43.1 +0.4					
CD2	comp=Z,310nm,7.0s	LR	LR	00 33 47.2 +1.1					
CD2	comp=N,3um,13.2s,MS5.1	LR	LR	00 34 27.8 -1.3					
CD2	comp=E,2um,17.8s,MS5.1	LR	LR	00 36 41.9 +1.1					
CD2	comp=Z,71nm,0.8s,mb5.2	eP	P	00 38 21.6 -2.3					
CD2	comp=Z,71nm,0.8s,mb5.2	eP	P	00 38 37.0 -0.4					
CD2	comp=Z,71nm,0.8s,mb5.2	eP	P	00 39 50.8 -3.7					
CD2	comp=Z,164nm,0.9s,mb5.7	eP	P	00 40 23.4 -2.4					
CD2	comp=Z,60nm,1.2s,mb5.2	eP	P						
CD2	comp=Z,310nm,7.0s	LR	LR						
CD2	comp=N,3um,13.2s,MS5.1	LR	LR						
CD2	comp=E,2um,17.8s,MS5.1	LR	LR						
CD2	comp=Z,71nm,0.8s,mb5.2	eP	P						
DAV	Davao City (W) 30.84 81 P	P	P	00 33 47.1 +0.2					
AJM	Ajmer 30.78 322 eP	P	P	00 33 51.2 +0.6					
NDI	New Delhi 30.96 328 eP	P	P	00 33 50.0 -2.2					
OZH	Quanzhou 31.31 43 P	P	P	00 33 56.6 +1.3					
OZH	comp=Z,190nm,1.2s,mb5.8	eP	P	00 38 59.0 -1.7					
OZH	comp=N,1um,13.8s,MS5.0	LR	LR						
OZH	comp=E,2um,12.8s,MS5.0	LR	LR						
OZH	comp=Z,3um,14.5s,MS5.1	LR	LR						
TWG	Pinlang 31.81 49 eP	P	P	00 33 59.7 -0.1					
DDI	Dehra Dun 31.86 331 eP	P	P	00 34 00.0 0.0					
NLAI	Namlea 32.26 101 P	P	P	00 34 03.2 -0.6					
SSLB	Suanglung 32.28 48 eP	P	P	00 34 03.5 -0.3					
YULB	Yu-li 32.31 49 eP	P	P	00 34 04.8 +0.7					
YULB	comp=Z,47nm,0.9s,mb5.3	eP	P	00 34 12.3 0.0					
WHN	Wuhan 32.84 31 P	P	P	00 34 08.8 +0.2					
WHN	comp=Z,180nm,1.1s,mb5.9	eP	P	00 34 16.3 -0.5					
WHN	comp=Z,490nm,4.3s	LR	LR						
WHN	comp=N,4um,15.2s,MS5.4	LR	LR						
WHN	comp=E,4um,12.2s,MS5.4	LR	LR						
WHN	comp=Z,71nm,14.0s,MS5.5	LR	LR						
SDNR	Sundarnagar 33.35 331 eP	P	P	00 34 14.0 +0.9					
SDNR	Marble Bar 33.74 136 P	x	P	00 35 52.4					
MBWA	comp=Z,28nm,1.3s,mb5.0	eP	P	00 34 17.0 +0.4					
LZH	Lanzhou 33.95 12 P	P	P	00 34 17.9 -0.4					
LZH	comp=Z,28nm,1.3s,mb5.0	eP	P	00 34 25.6 -0.9					
LZH	comp=Z,28nm,1.3s,mb5.0	eP	P	00 34 30.3 +0.5					
LZH	comp=Z,28nm,1.3s,mb5.0	eP	P	00 35 33.0 -2.5					
LZH	comp=Z,28nm,1.3s,mb5.0	eP	P	00 39 39.0 -2.6					
LZH	comp=Z,28nm,1.3s,mb5.0	eP	P	00 39 59.0 +3.9					
LZH	comp=Z,28nm,1.3s,mb5.0	eP	P	00 41 47.3 -2.2					
LZH	comp=Z,28nm,1.3s,mb5.0	eP	P	00 44 41.5 +0.3					
LZH	comp=Z,67nm,1.0s,mb5.5	eP	P						
LZH	comp=Z,310nm,4.0s	LR	LR						
LZH	comp=E,1um,13.7s	LR	LR						
LZH	comp=Z,2um,14.4s,MS5.0	LR	LR						
THN	Thein Dam 34.73 330 eP	P	P	00 34 24.0 -1.1					
SWI	Sorong 36.04 95 P	P	P	00 34 35.3 -1.3					
FITZ	Fitzroy Crossi 36.36 126 eP	P	P	00 34 38.0 -1.3					
FITZ	comp=Z,20nm,0.8s,mb5.1	eP	P	00 34 38.0 -1.3					
FITZ	comp=Z,11nm,0.8s,mb4.8,baz=317,slow=7.3,SNR=20	eP	P	00 34 46.2 -1.2					
FITZ	comp=Z,11nm,0.8s,baz=302,slow=2.7,SNR=8.8	eP	P	00 34 37.9 -1.4					
NJ2	Nanjing 36.45 35 eP	P	P	00 34 39.8 0.0					
NJ2	comp=Z,120nm,1.0s,mb5.8	eP	P	00 34 47.7 -0.4					
NJ2	comp=Z,90nm,9.0s	LR	LR	00 34 50.7 -0.7					
NJ2	comp=N,1um,16.2s,MS4.8	LR	LR	00 36 02.2 -0.9					
NJ2	comp=E,750nm,13.0s,MS4.8	LR	LR	00 40 22.5 +2.5					

NJ2	comp=Z,1um,14.2s,MS4.9	LR	LR						
GTA	Gaotai 36.58 6 P	P	P	00 34 40.3 -0.6					
GTA	comp=Z,39nm,1.1s,mb5.2	eP	P	00 34 49.9 +0.8					
GTA	comp=Z,150nm,6.9s	eP	P	00 34 53.9 +1.4					
GTA	comp=N,700nm,13.5s,MS4.6	eP	P	00 36 05.4 +0.9					
GTA	comp=E,460nm,18.0s,MS4.6	eP	P	00 40 18.7 -3.2					
GTA	comp=Z,800nm,13.8s,MS4.7	eP	P	00 40 36.1 +0.7					
GTA	comp=Z,39nm,1.1s,mb5.2	eP	P	00 42 44.9 -1.8					
GTA	comp=Z,150nm,6.9s	eP	P						
GTA	comp=N,700nm,13.5s,MS4.6	eP	P						
GTA	comp=E,460nm,18.0s,MS4.6	eP	P						
GTA	comp=Z,800nm,13.8s,MS4.7	eP	P						
SSE	Sheshan 37.14 38 P	P	P	00 34 45.4 -0.4					
SSE	comp=Z,28nm,1.0s,mb5.0	eP	P	00 40 36.5 +0.8					
SSE	comp=Z,60nm,3.4s	eP	P						
SSE	comp=N,140nm,17.2s,MS4.5	eP	P						
SSE	comp=E,620nm,17.2s,MS4.5	eP	P						
SSE	comp=Z,1um,17.7s,MS4.7	eP	P						
TIA	Tai'an 38.77 29 P	P	P	00 34 58.9 -0.5					
TIA	comp=Z,47nm,0.9s,mb5.2	eP	P						
BTO	Batou 39.81 17 eP	P	P	00 35 06.9 -1.2					
KAKA	Kakadu 39.91 14 eP	P	P	00 35 07.7 -1.5					
KAKA	comp=Z,31nm,1.2s,mb4.9	eP	P	00 35 07.9 -1.4					
KAKA	Kakadu 39.91 114 eP	P	P	00 35 07.9 -1.4					
KBL	Kabul 39.92 325 eP	P	P	00 35 10.3 +1.2					
KBL	comp=Z,17nm,1.1s,mb4.7	eP	P	00 35 10.3 +1.2					
KBL	Kabul 39.92 325 eP	P	P	00 35 10.3 +1.2					
HHC	Hu-ho-hao-te 40.52 19 eP	P	P	00 35 14.7 +0.8					
HHC	comp=Z,95nm,1.3s,mb5.3	eP	P	00 35 24.6 +2.4					
HHC	comp=Z,330nm,5.2s	eP	P	00 35 28.7 +3.2					
HHC	comp=N,2um,14.3s,MS5.2	eP	P	00 36 52.0 +4.5					
HHC	comp=E,2um,19.0s,MS5.2	eP	P	00 37 17.0 +0.9					
HHC	comp=Z,2um,16.6s,MS5.0	eP	P	00 41 23.1 +1.9					
HHC	comp=Z,2um,16.6s,MS5.0	eP	P	00 41 37.4 +2.5					
HHC	comp=Z,2um,16.6s,MS5.0	eP	P	00 44 16.8 -4.8					
HHC	comp=Z,2um,16.6s,MS5.0	eP	P	00 45 15.0 -3.0					
HHC	comp=Z,95nm,1.3s,mb5.3	eP	P						
HHC	comp=Z,330nm,5.2s	eP	P						
HHC	comp=N,2um,14.3s,MS5.2	eP	P						
HHC	comp=E,2um,19.0s,MS5.2	eP	P						
HHC	comp=Z,2um,16.6s,MS5.0	eP	P						
KSH	Kashi 40.52 337 eP	P	P	00 35 12.5 -1.4					
KSH	comp=Z,2um,16.6s,MS5.0	eP	P	00 35 21.7 -0.5					
KSH	comp=Z,2um,16.6s,MS5.0	eP	P	00 35 25.2 -0.4					
KSH	comp=Z,2um,16.6s,MS5.0	eP	P	00 36 49.2 +1.6					
KSH	comp=Z,2um,16.6s,MS5.0	eP	P	00 37 16.2 0.0					
KSH	comp=Z,2um,16.6s,MS5.0	eP	P	00 41 01.5 -2.4					
KSH	comp=Z,2um,16.6s,MS5.0	eP	P	00 41 05.6 -1.1					
KSH	comp=Z,2um,16.6s,MS5.0	eP	P	00 41 16.2 -5.1					
KSH	comp=Z,2um,16.6s,MS5.0	eP	P	00 41 32.4 -2.6					
KSH	comp=Z,2um,16.6s,MS5.0	eP	P	00 44 09.1 -1.3					
KSH	comp=Z,2um,16.6s,MS5.0	eP	P	00 45 13.2 -4.9					
KSH	comp=Z,740nm,5.5s	eP	P						
NWAO	Naroro (SRO) 41.17 152 P	P	P	00 35 19.2 -0.2					
NWAO	comp=Z,8.1nm,1.0s,mb4.3,baz=315,slow=10.0,SNR=2.9	eP	P	00 35 27.8 +0.1					
NWAO	Urumqi 41.34 352 P	P	P	00 35 21.0 +0.4					
NWAO	comp=Z,19nm,1.1s,baz=304,slow=7.2,SNR=6.1	eP	P	00 35 31.0 +2.1					
NWAO	Urumqi 41.34 3								

G06A	Carlson Farm,	59.58	55	UP	P	00 48 12.9	-0.3
F07A	Pinny Hill Vi	59.63	54	UP	P	00 48 13.7	+0.2
A11A	Hill Mountain,	59.97	50	UP	P	00 48 16.3	+0.5
ARCES	ARCCESS Array B	60.08	341	P	Pmax	00 48 16.5	+0.3
ARCES	comp=Z,3.0nm,0.8s						
ARCES	ARCCESS Array B	60.08	341	P	P	00 48 16.4	+0.2
YBH	Yreka Blue Hor	60.25	59	EP	Pmax	00 48 19.0	+1.1
YBH	comp=Z,5.0nm,0.9s						
YBH	Yreka Blue Hor	60.25	59	EP	P	00 48 19.0	+1.1
B11A	Sandpoint	60.26	50	UP	P	00 48 17.7	-0.1
E09A	Wood Farm, Sta	60.32	53	UP	P	00 48 18.7	+0.4
F08A	Pendleton	60.36	54	UP	P	00 48 18.8	+0.3
G08A	Pilot Rock	60.53	54	UP	P	00 48 19.9	+0.2
K05A	Summer Lake	60.81	56	UP	P	00 48 22.3	+0.6
E10A	Myers Farm, Un	60.93	52	UP	P	00 48 22.6	+0.2
J06A	Christmas Vall	60.97	57	UP	P	00 48 23.4	+0.7
A13A	Flathead Natio	61.05	49	UP	P	00 48 23.2	0.0
D11A	Klaveano Farm,	61.05	51	UP	P	00 48 23.4	+0.2
H08A	Prairie City	61.13	55	UP	P	00 48 23.8	-0.1
G09A	Cove	61.23	54	UP	P	00 48 24.5	+0.1
A14A	Double T Ranch	61.56	48	UP	P	00 48 26.3	+0.0
G10A	Bishop Farm, J	61.60	53	UP	P	00 48 27.0	+0.1
MOD	Modoc	61.64	56	EP	P	00 48 27.5	+0.2
PSI	Prapat	61.69	244	P	Pmax	00 48 28.6	+0.6
PSI	comp=Z,2.0nm,0.4s,mb4.6						
PSI	Prapat	61.69	244	P	P	00 48 28.6	+0.6
F11A	Grangeville	61.82	52	UP	P	00 48 28.2	-0.2
K07A	Rock Creek Ran	61.83	57	UP	P	00 48 28.3	-0.3
KLMR	Klimovskoe	61.84	329	EP	Pmax	00 48 27.8	-0.5
KLMR	comp=Z,12nm,1.6s,mb4.8						
E12A	Beaver Dam Sad	61.85	52	UP	P	00 48 28.6	0.0
KBL	Kabul	61.91	292	EP	Pmax	00 48 28.9	-0.3
KBL	comp=Z,11nm,0.9s,mb5.0						
KBL	Kabul	61.91	292	EP	P	00 48 28.9	-0.4
A15A	Johnson Ranch,	61.93	48	UP	P	00 48 28.9	-0.3
G11A	Walters Elk Ra	62.03	53	UP	P	00 48 29.6	-0.3
D13A	Huson	62.08	50	UP	P	00 48 30.0	-0.1
C14A	Swan Lake	62.08	50	UP	P	00 48 29.9	-0.2
SWMT	Swartz Lake	62.09	50	EP	P	00 48 31.2	+1.0
L07A	Adell	62.16	57	UP	P	00 48 31.0	+0.2
H10A	Noah's Angus R	62.22	54	UP	P	00 48 30.9	-0.3
K08A	Mann Creek Ran	62.27	56	UP	P	00 48 31.6	+0.1
J09A	Fry Pan Ranch,	62.35	55	UP	P	00 48 32.4	+0.3
F12A	Elk City	62.41	52	UP	P	00 48 33.2	+0.8
B15A	Bradley Ranch,	62.41	48	UP	P	00 48 32.5	+0.1
SLMT	Seeley Lake	62.53	50	EP	P	00 48 33.0	-0.1
A16A	West Butte Ran	62.55	47	UP	P	00 48 32.8	-0.5
H11A	Donnelly	62.58	53	UP	P	00 48 33.1	-0.4
N06A	Buffalo Meadow	62.59	59	UP	P	00 48 33.7	0.0
E13A	Victor	62.61	51	UP	P	00 48 33.5	-0.2
D14A	Greenough	62.61	50	UP	P	00 48 33.6	-0.1
M07A	Soldier Meadow	62.63	58	UP	P	00 48 34.7	+0.7
L08A	Fields	62.66	57	UP	P	00 48 34.5	+0.3
C15A	Salmond Ranch,	62.70	49	UP	P	00 48 34.9	+0.6
BEKR	Beckworth	62.78	60	UP	P	00 48 34.7	-0.2
F13A	Darby	62.91	52	UP	P	00 48 35.1	-0.6
E14A	Clinton	63.01	51	UP	P	00 48 36.2	-0.2
C16A	Fuhringer Ranc	63.15	49	UP	P	00 48 37.1	-0.3
K10A	MacKenzie Ranc	63.21	56	UP	P	00 48 38.0	+0.2
JOF	Joensuu	63.27	334	EP	Pmax	00 48 36.7	-1.2
JOF	comp=Z,3.0nm,0.6s,mb4.9						
JOF	Joensuu	63.27	334	EP	P	00 48 36.7	-1.2
H12A	Diamond D Ranc	63.34	53	UP	P	00 48 38.3	-0.3
B17A	L&G Farms, Che	63.37	48	UP	P	00 48 38.0	-0.8
G13A	Cobalt	63.38	52	UP	P	00 48 38.1	-0.7
MFID	Camas Ranch	63.45	54	UP	P	00 48 39.0	-0.3
E15A	Deer Lodge	63.48	50	UP	P	00 48 39.3	-0.2
SUMG	Summit	63.58	3	EP	P	00 48 40.6	+0.9
I12A	Atlanta	63.63	54	UP	P	00 48 40.5	-0.1
H13A	Challis	63.68	53	UP	P	00 48 40.5	-0.3
K11A	Parker Ranch,	63.71	55	UP	P	00 48 41.1	+0.1
D16A	Dana Ranch, Ca	63.72	49	UP	P	00 48 41.3	+0.2
FFC	Flin Flon	63.73	38	EP	P	00 48 41.2	+0.2
FFC	Flin Flon	63.73	38	EP	P	00 48 40.9	-0.1
C17A	Wharram Farm,	63.79	48	UP	P	00 48 41.2	-0.3
B18A	Beardsley Farm	63.85	47	UP	P	00 48 41.6	-0.3
L10A	Juniper Basin	63.86	56	UP	P	00 48 41.9	-0.2
F15A	Butte	63.91	51	UP	P	00 48 42.3	-0.1
J12A	Stokes Ranch,	63.97	54	UP	P	00 48 42.6	-0.2
EGMT	Eagleton	64.09	47	UP	P	00 48 42.7	-0.8
D17A	Six Diamond Ra	64.12	49	UP	P	00 48 43.2	-0.5
I13A	Wildhorse Cree	64.15	53	UP	P	00 48 43.5	-0.5
HLID	Hailey	64.19	54	UP	P	00 48 43.8	-0.5
HLID	Hailey	64.19	54	UP	P	00 48 44.6	+0.4
L11A	Cat Creek Ranc	64.23	56	UP	P	00 48 44.4	-0.2
FCC	Fort Churchill	64.32	32	EP	P	00 48 44.0	-0.8
G15A	Dillon	64.32	51	UP	P	00 48 44.8	-0.2
J13A	Cove Ranch, Pi	64.42	54	UP	P	00 48 46.1	+0.3
E17A	Martinsdale	64.44	49	UP	P	00 48 45.7	-0.1

BOZ	Bozeman (W)	64.51	50	EP	P	00 48 46.9	+0.6
BOZ	comp=Z,4.0nm,0.8s,mb4.5						
BOZ	Bozeman (W)	64.51	50	UP	P	00 48 46.1	-0.2
BOZ	Bozeman (W)	64.51	50	EP	P	00 48 46.9	+0.5
I14A	Mockay	64.52	53	UP	P	00 48 46.4	0.0
G16A	Nash Hill, Enn	64.57	51	UP	P	00 48 47.4	0.0
L12A	House Creek Ra	64.68	55	UP	P	00 48 47.6	+0.1
J14A	Carey	64.85	53	UP	P	00 48 48.6	0.0
F17A	Fitzpatrick Pl	64.89	50	UP	P	00 48 48.8	0.0
E18A	Harlowton	64.90	49	UP	P	00 48 48.9	+0.1
NVAR	Mina Array Bea	64.92	60	P	P	00 48 49.5	+0.4
NVAR	comp=Z,3.3nm,0.6s,mb4.5,baz=293,slow=6.5,SNR=18						
QLMT	Earthquake Lak	65.12	51	EP	P	00 48 49.5	+0.4
M12A	Wells	65.19	56	UP	P	00 48 50.7	-0.1
H16A	Russell Place,	65.30	51	UP	P	00 48 51.6	+0.1
P10A	Eureka	65.34	58	UP	P	00 48 51.5	-0.3
F18A	Big Timber	65.41	49	UP	P	00 48 52.3	+0.1
J15A	Blackfoot	65.43	53	UP	P	00 48 52.5	+0.1
WRAB	Tennant Creek	65.43	198	P	P	00 48 51.5	-0.9
KAF	Kangasniemi	65.44	335	EP	Pmax	00 48 49.9	-2.1
KAF	comp=Z,3.0nm,0.7s,mb4.4						
KAF	Kangasniemi	65.44	335	EP	P	00 48 49.9	-2.1
WRA	Warramunga Arr	65.44	198	P	Pmax	00 48 51.5	-1.0
WRA	comp=Z,3.4nm,0.7s,mb4.5						
WRA	Warramunga Arr	65.44	198	P	P	00 48 51.5	-1.0
O11A	Cowboy Ranch,	65.52	57	UP	P	00 48 53.0	+0.1
K15A	Arbon	65.81	53	UP	P	00 48 55.5	+0.7
P11A	Circle Ranch,	65.81	58	UP	P	00 48 55.0	+0.1
Q10A	Clear Creek Ra	65.86	59	UP	P	00 48 55.3	+0.1
LKWY	Lake	65.86	51	EP	Pmax	00 48 58.6	+3.5
LKWY	comp=Z,3.0nm,0.7s,mb4.4						
LKWY	Lake	65.86	51	EP	P	00 48 58.6	+3.5
IMW	Indian Meadow	65.98	52	EP	P	00 48 57.0	+1.1
J16A	Bone	65.98	53	UP	P	00 48 56.1	+0.3
FINES	FINESS Array B	66.02	335	P	Pmax	00 48 55.8	0.0
FINES	comp=Z,4.0nm,0.5s						
FINES	FINESS Array B	66.02	335	P	P	00 48 55.8	-0.1
FITZ	Fitzroy Crossi	66.06	207	EP	P	00 48 56.8	+0.3
M14A	Sheep Mountain	66.06	55	UP	P	00 48 56.1	-0.3
I17A	Pilgrim Ck.	66.17	51	UP	P	00 48 57.2	+0.1
TPAW	Teton Pass	66.22	52	EP	P	00 48 58.6	+1.1
CWC	Cottonwood Cre	66.27	62	UP	P	00 48 58.2	+0.4
K16A	Soda Springs	66.27	53	UP	P	00 48 57.7	0.0
S10A	Tonopah Range,	66.29	60	UP	P	00 48 57.6	-0.4
Q11A	Duckwater	66.31	58	UP	P	00 48 57.9	-0.1
L15A	Malad City	66.32	54	UP	P	00 48 57.9	-0.2
LOHW	Long Hollow	66.34	52	EP	P	00 48 59.2	+1.0
REDW	Red Top Meadow	66.36	52	EP	P	00 48 57.4	-0.9
J17A	Brown Place, J	66.44	52	UP	P	00 48 59.1	+0.3
N14A	Graback Hills	66.56	55	UP	P	00 48 59.2	-0.4
M15A	Larsen Ranch,	66.62	54	UP	P	00 49 00.0	0.0
R11A	Tro Canyon, C	66.66	59	UP	P	00 49 00.0	-0.3
I18A	Diamond G Ranc	66.73	51	UP	P	00 49 01.1	+0.4
L16A	Fish Haven	66.87	53	UP	P	00 49 01.5	-0.1
MPMC	Manual Prospec	66.88	62	UP	P	00 49 01.8	0.0
OBN	Obninsk	66.89	325	EP	P	00 49 00.2	-1.3
OBN	comp=Z,2.2nm,0.5s,mb5.4						
OBN	Obninsk	66.89	325	EP	P	00 49 00.2	-1.3
J18A	Kendall Valley	66.93	52	UP	P	00 49 02.1	+0.1
P13A	Bates Ranch, G	66.93	57	UP	P	00 49 00.2	-1.8
N15A	Stansbury Isla	66.93	55	UP	P	00 49 02.3	+0.3
S11A	Rachel	66.99	59	UP	P	00 49 01.7	-0.8
HWUT	Hardware Ranch	67.05	54	EP	P	00 49 03.5	+0.8
DUG	Dugway	67.19	56	EP	Pmax	00 49 04.2	+0.5
DUG	comp=Z,5.0nm,0.8s,mb4.6						
DUG	Dugway	67.19	56	EP	P	00 49 03.9	+0.2
DUG	Dugway	67.19	56	EP	P	00 49 04.2	+0.5
Q13A	Wheeler Ranch,	67.24	57	UP	P	00 49 04.0	0.0
R12A	Pony Springs,	67.27	58	UP	P	00 49 04.6	+0.3
K18A	Toitan Ranch,	67.28	52	UP	P	00 49 03.9	-0.2
EDW2	Edwards Air Fo	67.29	63	UP	P	00 49 04.3	-0.1
P14A	Drum Mountains	67.42	56	UP	P	00 49 04.9	-0.2
BW06	Boulder Array	67.47	52	EP	P	00 49 05.0	-0.4
BW06	Boulder Array	67.47	52	EP	P	00 49 04.8	-0.5
PDAR	Pinedale Array	67.47	52	EP	P	00 49 05.0	-0.4
T11A	Corn Creek, Al	67.57	60	UP	P	00 49 06.2	+0.1
Q14A	Sevier Lake (B	67.67	57	UP	P	00 49 06.8	+0.1
R13A	O'Grain Ranch,	67.76	58	UP	P	00 49 07.6	+0.3
G5C	Goldstone	67.78	62	UP	P	00 49 07.7	+0.2
K19A	Absolon Red Bu	67.84	52	UP	P	00 49 07.6	-0.1
N17A	Moffitt Pass	67.89	54	UP	P	00 49 08.0	-0.1
BFSO	Mount Baldy St	67.90	63	UP	P	00 49 08.3	+0.1
O16A	Springville	67.97	55	UP	P	00 49 08.5	-0.1
M18A	Lyman	68.03	53	UP	P	00 49	

Table with columns: ID, Name, RA, Dec, Mag, Type, and other parameters. Includes stations like Black Gap, Saguache, Forest Lakes, etc.

Table with columns: ID, Name, RA, Dec, Mag, Type, and other parameters. Includes stations like Cox Ranch, Lajitas Array, Rotzenmuhle, etc.

Table with columns: ID, Name, RA, Dec, Mag, Type, and other parameters. Includes stations like Saint Martin, Saint-Julien, Sospel, etc.

4d 3h

2008 APR

FCC	comp=Z,8.1nm,1.1s,mb4.7	59.71	34	eP	P	03 29 08.3	-0.6
M10A	Fort Churchill comp=Z,0.9nm,1.1s,mb3.7	59.73	60	UP	P	03 29 09.8	+0.4
G15A	LL Ranch, Tu baz=59	59.79	60	UP	P	03 29 09.1	-0.6
L11A	Dillon baz=60,SNR=10	59.79	59	UP	P	03 29 10.3	+0.5
MCMT	Cat Creek Ranc baz=60,SNR=11	59.80	55	eP	P	03 29 09.0	-0.8
SUMG	McKenzie Canyo comp=Z,3.2nm,1.1s,mb4.3	59.80	55	eP	P	03 29 09.0	-0.8
WAKR	Summit comp=Z,5.2nm,0.9s,mb5.6	59.83	5	eP	P	03 29 09.7	+0.2
E17A	Walker baz=60,SNR=20	59.85	65	eP	P	03 29 11.0	+0.7
F16A	Martindale baz=60,SNR=20	59.88	53	UP	P	03 29 10.4	+0.2
J13A	Kenrad Place, baz=60	59.88	54	UP	P	03 29 10.2	-0.1
BOZ	Cove Ranch, Pi baz=60,SNR=13	59.94	57	UP	P	03 29 10.8	+0.1
BOZ	Bozeman (W) BOZ	59.97	54	eP	Pmax	03 29 11.3	+0.4
BOZ	comp=Z,19nm,1.1s,mb5.0	59.97	54	UP	P	03 29 11.3	+0.4
BOZ	Bozeman (W) baz=60,SNR=20	59.97	54	eP	P	03 29 11.2	+0.4
D18A	comp=Z,19nm,1.1s,mb5.0	59.99	52	UP	P	03 29 11.2	+0.3
K12A	Linhad Farms, baz=60	60.00	58	UP	P	03 29 11.5	+0.4
BMN	Draper Farm, C baz=60,SNR=7.7	60.01	62	eP	P	03 29 11.9	+0.7
I14A	Battle Mountai Mackay	60.02	57	UP	P	03 29 11.6	+0.4
H15A	comp=Z,60,SNR=26	60.05	55	UP	P	03 29 11.1	-0.3
G16A	Lima baz=60	60.13	54	UP	P	03 29 11.8	-0.2
M11A	Miss Hill, Enn baz=60,SNR=20	60.23	60	UP	P	03 29 13.7	+0.9
L12A	Holland Ranch, baz=60,SNR=5.7	60.24	59	UP	P	03 29 13.3	+0.5
KSM	House Creek Ra baz=60,SNR=9.8	60.24	59	UP	P	03 29 13.3	+0.5
DDI	Kuching comp=Z,29nm,1.1s,mb5.2	60.27	235	eP	P	03 29 14.9	+1.6
E16A	Dehra Dun Harlowton	60.27	284	eP	P	03 29 13.0	-0.2
KLMR	DDI KLMR	60.33	330	UP	Pmax	03 29 13.0	+0.3
SMLA	comp=Z,131nm,1.3s,mb5.8	60.33	285	eP	P	03 29 11.7	-1.9
F17A	Simia Fitzpatrick Pl baz=60,SNR=9.4	60.33	53	UP	P	03 29 13.9	+0.5
J14A	Carey baz=60,SNR=16	60.36	57	UP	P	03 29 14.6	+1.0
K13A	Stover Farm, H baz=60	60.46	58	UP	P	03 29 14.7	+0.4
O10A	Cortez Mining, baz=60,SNR=7.4	60.52	61	UP	P	03 29 15.5	+0.7
I15A	Montevieu baz=60	60.52	56	UP	P	03 29 15.2	+0.5
QLMT	Earthquake Lak NVAR	60.59	55	eP	P	03 29 15.5	+0.4
M12A	comp=Z,4.0nm,0.8s,mb4.6,baz=29.1,slow=7.1,SNR=27	60.64	64	eP	P	03 29 14.8	-0.5
H16A	Pierce Place, baz=60,SNR=7.5	60.66	54	UP	P	03 29 16.3	+0.7
G17A	Wells baz=60,SNR=12	60.75	60	UP	P	03 29 17.0	+0.7
F18A	Russell baz=60,SNR=17	60.77	55	UP	P	03 29 16.7	+0.3
L13A	Big Timber baz=60,SNR=17	60.85	53	UP	P	03 29 17.3	+0.4
J15A	Double Diamond baz=61	60.89	58	UP	P	03 29 17.5	+0.3
GCMT	Blackfoot baz=61,SNR=6.8	60.93	56	UP	P	03 29 18.1	+0.6
YMR	Greycliff comp=Z,7.7nm,1.3s,mb5.6	60.95	53	eP	P	03 29 17.9	+0.4
P10A	Madison River comp=Z,23nm,1.3s,mb5.2	60.95	55	eP	P	03 29 17.9	+0.3
ELK	Eureka baz=61	60.97	62	UP	P	03 29 18.3	+0.5
N12A	Elko comp=Z,4.5nm,1.0s,mb4.5	60.98	60	UP	P	03 29 18.5	+0.6
N12A	Clover Valley, baz=61,SNR=5.8	61.03	60	UP	P	03 29 18.6	+0.3
K14A	Clover Valley, comp=Z,12nm,1.2s,mb4.9	61.03	60	eP	P	03 29 19.0	+0.7
Y1R	Jones Ranch, D baz=61,SNR=8.2	61.05	58	UP	P	03 29 18.7	+0.4
O11A	Norris Junctio comp=Z,15nm,1.3s,mb5.0	61.08	54	eP	P	03 29 20.4	+1.9
YFT	Cowboy Ranch, baz=61,SNR=5.9	61.12	61	UP	P	03 29 19.1	+0.2
I16A	Old Faithful comp=Z,15nm,1.0s,mb5.7	61.16	56	UP	P	03 29 20.3	+1.3
G18A	Newdale baz=61,SNR=5.7	61.16	56	UP	P	03 29 19.5	+0.5
LKWY	Lazy EL Ranch, baz=61	61.33	53	UP	P	03 29 20.2	+0.2
LKWY	Lake comp=Z,16nm,1.2s,mb5.0	61.33	54	eP	Pmax	03 29 21.1	+1.0
K15A	Arbon baz=61,SNR=8.1	61.33	57	UP	P	03 29 21.1	+0.9
L14A	Malta baz=61,SNR=7.4	61.33	58	UP	P	03 29 20.6	+0.4
H17A	Grant Village, baz=61,SNR=15	61.34	55	UP	P	03 29 21.9	+1.7
JOF	Joensuu comp=Z,40nm,0.8s,mb5.6	61.40	334	eP	Pmax	03 29 18.1	-2.2
JOF	Joensuu comp=Z,40nm,0.8s,mb5.6	61.40	334	eP	P	03 29 18.1	-2.2
IMW	Indian Meadow comp=Z,12nm,1.1s,mb4.9	61.45	55	eP	P	03 29 22.2	+1.2
J16A	Bone baz=61,SNR=13	61.47	56	eP	P	03 29 21.8	+0.6
DCDI	Drake Creek, comp=Z,23nm,1.3s,mb5.2	61.51	56	eP	P	03 29 23.2	+1.8
Q10A	Clear Creek Ra baz=61,SNR=7.6	61.51	63	UP	P	03 29 21.9	+0.4
N13A	Wendover, West baz=61,SNR=5.2	61.52	60	UP	P	03 29 22.1	+0.6
N13A	Wendover, West comp=Z,17nm,0.9s,mb5.2	61.52	60	eP	P	03 29 22.4	+0.8
O12A	Currie baz=61,SNR=13	61.58	60	UP	P	03 29 22.3	+0.4
RLMT	Red Lodge baz=61,SNR=9.1	61.59	53	UP	P	03 29 22.4	+0.4
RLMT	Red Lge comp=Z,16nm,1.1s,mb5.1	61.59	53	eP	P	03 29 22.1	+0.2
RR12	Red Ridge comp=Z,15nm,1.0s,mb5.1	61.59	56	eP	P	03 29 22.6	+0.6
M14A	Sheep Mountai baz=61,SNR=7.6	61.61	59	UP	P	03 29 22.5	+0.4
I17A	Pilgrim Ck, baz=61,SNR=7.6	61.64	55	UP	P	03 29 23.5	+1.2
TPAW	Teton Pass comp=Z,22nm,1.1s,mb5.4	61.71	56	eP	P	03 29 23.8	+1.1
VES	Vestal, Richgr baz=62	61.77	67	UP	P	03 29 22.5	-0.7
K16A	Soda Springs baz=62,SNR=5	61.77	57	UP	P	03 29 24.0	+0.9
LOHW	Long Hollow comp=Z,19nm,1.3s,mb5.1	61.82	55	eP	P	03 29 24.2	+0.8
SNOW	Snow King Moun comp=Z,11nm,1.2s,mb5.1	61.83	60	eP	P	03 29 24.1	+0.6
L15A	Malad City baz=62	61.84	58	UP	P	03 29 24.1	+0.4
REDW	Red Top Meadow comp=Z,24nm,1.2s,mb5.4	61.84	56	eP	P	03 29 24.2	+0.6
NDI	New Delhi baz=62	61.89	283	ex	x	03 30 20.0	
R10A	Warm Springs baz=62	61.91	63	UP	P	03 29 24.5	+0.3
PKM	Peak Mountain baz=62	61.91	68	UP	P	03 29 24.9	+0.6
J17A	Grown Place, J baz=62,SNR=16	61.92	56	UP	P	03 29 25.4	+1.2
Q11A	Duckwater baz=62,SNR=5.6	61.94	62	UP	P	03 29 23.8	-0.6
S10A	Tonopah Range, baz=62,SNR=5.7	61.97	64	UP	P	03 29 24.6	+0.1
P12A	McGill baz=62	61.99	61	UP	P	03 29 24.3	-0.4
CWC	Cottonwood Cre baz=62	62.01	66	UP	P	03 29 25.1	+0.3

DGMT	baz=62	Dagmar	62.08	48	UP	P	03 29 24.6	-0.5
GRMT	baz=62,SNR=5.9	Dagmar	62.08	48	UP	P	03 29 25.2	+0.1
OGAC	comp=Z,29nm,1.0s,mb5.2	Grapevine Rang	62.08	65	UP	P	03 29 25.8	+0.4
O13A	baz=62	Hicks Ranch, I	62.12	60	UP	P	03 29 25.5	0.0
N14A	baz=62	Grayback Hills	62.12	59	UP	P	03 29 25.5	0.0
M15A	baz=62	Larsen Ranch,	62.15	58	UP	P	03 29 25.8	+0.1
K17A	baz=62,SNR=5.3	Gardner Place, baz=62	62.20	56	UP	P	03 29 26.1	0.0
LAO	baz=62	LASA Array	62.20	50	eP	P	03 29 26.0	0.0
I18A	comp=Z,7.4nm,1.5s,mb5.6	Diamond O Ranc	62.20	55	UP	P	03 29 26.5	+0.5
SPUT	comp=Z,11nm,1.1s,mb4.9	South Promonto	62.25	58	eP	P	03 29 27.2	+0.8
ISA	ISA	Isabella	62.26	67	eP	Pmax	03 29 25.7	-0.9
ISA	comp=Z,24nm,1.9s,mb5.0	Isabella	62.26	67	UP	P	03 29 25.7	-0.8
ISA	baz=62	Isabella	62.26	67	UP	P	03 29 25.7	-0.8
R11A	comp=Z,24nm,1.9s,mb5.2	Troy Canyon, C	62.30	63	eP	P	03 29 26.6	-0.2
Q12A	baz=62,SNR=11	Willow Creek R	62.31	62	UP	P	03 29 27.0	+0.2
SCO	comp=Z,5.0nm,0.9s,mb4.3	Scoresbysund	62.33	359	iP	Pmax	03 29 26.3	-0.2
SCO	SCO	Scoresbysund	62.33	359	iP	Pmax	03 29 26.3	-0.2
L16A	comp=Z,5.3nm,0.9s,mb4.7	Fish Haven	62.38	57	UP	P	03 29 27.1	-0.2
J18A	baz=62	Kendall Valley	62.41	55	UP	P	03 29 27.2	-0.2
N15A	baz=62,SNR=6.3	Stansbury Isla	62.48	59	UP	P	03 29 27.8	-0.2
P13A	baz=62,SNR=6.3	Bates Ranch, G	62.53	61	UP	P	03 29 28.2	-0.1
HJUT	baz=62,SNR=8.3	Hartwood Ranch	62.57	58	eP	P	03 29 28.6	+0.1
MPMC	comp=Z,9.7nm,1.2s,mb4.8	Manual Propsec	62.61	66	UP	P	03 29 28.7	-0.2
L17A	baz=62,SNR=5.5	Cokeville	62.64	57	UP	P	03 29 28.8	-0.2
S11A	baz=62	Rachel	62.66	63	UP	P	03 29 29.2	0.0
FURC	baz=62,SNR=7.2	Furnace Creek, baz=60,SNR=6.6	62.74	65	UP	P	03 29 29.4	-0.4
DUG	baz=62,SNR=13	Dugway	62.76	59	UP	P	03 29 29.8	0.0
DUG	baz=62,SNR=13	Dugway	62.76	59	eP	P	03 29 30.3	+0.5
K18A	comp=Z,7.7nm,1.2s,mb5.0	Toltan Ranch,	62.77	56	UP	P	03 29 30.2	+0.4
MORR	baz=62,SNR=10	Moi Rana	62.81	343	eP	AMB	03 29 28.1	-1.6
Q13A	comp=Z,21nm,1.3s,mb5.4	Wheeler Ranch,	62.85	61	UP	P	03 29 30.6	+0.2
LRMC	baz=63,SNR=11	Laurel Mountai	62.87	66	UP	P	03 29 30.2	-0.4
R12A	baz=63	Pony Springs,	62.90	62	UP	P	03 29 30.7	-0.1
KULM	baz=63,SNR=7.2	Kulim	62.91	246	eP	P	03 29 32.0	+1.0
STOK	comp=Z,12nm,0.9s,mb5.0	Stovagen	62.94	344	eP	P	03 29 29.9	-0.6
BW06	comp=Z,12nm,0.9s,mb5.0	Boulder Array	62.95	55	UP	P	03 29 31.0	-0.1
BW06	baz=63,SNR=22	Boulder Array	62.95	55	eP	P	03 29 30.6	-0.4
PDAR	comp=Z,16nm,1.2s,mb5.0	Pinnacle Array	62.95	55	eP	P	03 29 30.9	-0.1
P14A	comp=Z,7.8nm,1.0s,mb4.8,baz=304,slow=3.2,SNR=43	Drum Mountains	63.00	65	UP	P	03 29 31.4	0.0
EDW2	baz=63,SNR=11	Edwards Air Fo	63.07	67	UP	P	03 29 31.8	-0.2
U10A	comp=Z,12nm,0.9s,mb5.0	Ash Meadows, A	63.10	65	UP	P	03 29 32.3	+0.1
M17A	baz=63	Scully Gap (B	63.17	57	UP	P	0	

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like T19A Beclabito, MVCO Mesa Verde, S21A Coal Bank Pass, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like BL5S Blasjo, BHJ Bhuj, MDRS Chennai, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like KWP Kalwaria Pacla, KWP Kalwaria Pacla, KIS Kishinev, etc.

4d 4h

Table with columns for call sign, frequency, power, and other technical details. Includes stations like RAR, RAO, RAOUL, etc.

2008 APR

Table with columns for call sign, frequency, power, and other technical details. Includes stations like WRAB, WRA, WRR, etc.

138

Table with columns for call sign, frequency, power, and other technical details. Includes stations like ISA, ISA, CMB, etc.

QSPA	South Pole Qui	74.75	180	PFAKE	LR	04 14 50.0	+12
QSPA	comp-Z,926nm,21.0s,MS5.0						
X13A	Yucca	74.80	47	↑	P	04 14 38.7	-0.2
Z14A	Wintersburg	74.81	49	↑	P	04 14 38.0	-0.2
K05A	Summer Lake	74.84	37	↑	P	04 14 39.6	+0.6
SHPR	Sheep Range	74.88	45	eP	P	04 14 39.9	+0.5
TWG	Pinlang	74.97	29	eP	P	04 14 39.2	-0.9
115A	Sonoran Desert	75.00	49	↑	P	04 14 40.1	-0.1
YULB	Yu-li	75.02	300	eP	P	04 14 40.3	-0.2
W13A	Hualapai Mount	75.02	47	↑	P	04 14 40.2	0.0
M07A	Soldier Meadow	75.06	39	↑	P	04 14 40.7	+0.5
V14A	Wickenburg	75.06	48	↑	P	04 14 40.2	-0.2
R10A	Warm Springs	75.09	43	↑	P	04 14 40.9	+0.4
NACB	Ninganchiao	75.09	301	eP	P	04 14 40.8	0.0
S11A	Rachel	75.10	44	↑	P	04 14 40.7	0.0
216A	Three Points,	75.23	50	↑	P	04 14 41.4	-0.1
T11A	Corn Creek, Al	75.23	44	↑	P	04 14 41.5	+0.2
U12A	Valley of Fire	75.27	45	↑	P	04 14 41.6	+0.1
T12A	Moapa	75.30	45	↑	P	04 14 41.8	0.0
Q10A	Clear Creek Ra	75.32	42	↑	P	04 14 42.0	+0.1
L07A	Adell	75.33	38	↑	P	04 14 42.3	+0.5
H04A	Detroit Lake	75.34	35	↑	P	04 14 41.7	-0.1
V13A	Grand Canyon W	75.34	46	↑	P	04 14 41.9	-0.2
X14A	Yava	75.41	48	↑	P	04 14 42.5	+0.1
F03A	Seaside	75.45	31	↑	P	04 14 42.6	+0.4
SSLB	Suanguing	75.47	300	eP	P	04 14 42.2	-0.8
SSLB	comp-Z,511nm,0.8s,mb5.5			eP	P	04 15 02.3	+6.3
YHNB	Yeheng	75.48	301	eP	P	04 14 43.6	+0.6
YHNB	comp-Z,126nm,1.0s,mb5.8			e	LR	04 15 03.7	
TATO	Taipei	75.51	301	eP	P	04 14 43.8	+0.6
TATO	comp-Z,154nm,0.9s,mb5.9			e	LR	04 15 03.8	
G04A	Mulino	75.52	34	↑	P	04 14 43.4	+0.6
TPUB	Ta-pu	75.54	299	eP	P	04 14 42.3	-1.1
TPUB	comp-Z,129nm,0.8s,mb5.9			e	P	04 15 02.9	
Y15A	Casa Rosa Ranc	75.55	48	↑	P	04 14 43.4	+0.1
R11A	Troy Canon, C	75.59	43	↑	P	04 14 43.6	+0.2
J06A	Christmas Vall	75.60	37	↑	P	04 14 43.5	+0.2
Z17A	Green Valley	75.60	51	↑	P	04 14 43.6	0.0
W14A	Seligman	75.64	47	↑	P	04 14 44.0	+0.2
U13A	Pakoon Wash	75.65	45	↑	P	04 14 44.1	+0.3
S12A	Delamar Landin	75.68	44	↑	P	04 14 44.0	+0.1
BMN	Battle Mountai	75.70	41	eP	P	04 14 44.4	+0.4
BMN	comp-Z,32nm,1.1s,mb5.2			e	MLR		
BMN	comp-Z,1µm,21.0s,MS5.3			e	MLR		
BMN	Battle Mountai	75.70	41	eP	P	04 14 44.4	+0.4
BMN	comp-Z,32nm,1.1s,mb5.2			e	LR		
P10A	Eureka	75.72	42	↑	P	04 14 44.3	+0.2
K07A	Rock Creek Ran	75.79	38	↑	P	04 14 44.8	+0.4
E03A	Lebam	75.81	33	↑	P	04 14 45.2	+0.7
Q11A	Duckwater	75.82	43	↑	P	04 14 44.8	+0.1
V14A	Buquillas Ranc	75.84	46	↑	P	04 14 45.3	+0.4
TUC	Tucson	75.88	50	eP	P	04 14 45.0	-0.2
TUC	comp-Z,17nm,0.9s,mb5.0			e	pP	04 14 55.7	+0.2
TUC	comp-Z,17nm,0.9s,mb5.0			e	MLR		
TUC	comp-Z,916nm,20.0s,MS5.1			e	MLR		
TUC	Tucson	75.88	50	eP	P	04 14 45.0	-0.2
TUC	comp-Z,17nm,0.9s,mb5.0			e	LR	04 14 55.7	+0.1
X15A	Humboldt	75.88	48	↑	P	04 14 45.4	+0.3
Z16A	Peralta Trail,	75.90	49	↑	P	04 14 45.2	-0.1
WVOR	Wild Horse Val	76.00	38	eP	P	04 14 45.7	+0.1
WVOR	comp-Z,29nm,1.0s,mb5.2			e	MLR		
WVOR	comp-Z,2µm,22.0s,MS5.3			e	MLR		
WVOR	Wild Horse Val	76.00	38	eP	P	04 14 45.7	+0.1
WVOR	comp-Z,29nm,1.0s,mb5.2			e	LR		
T13A	Saint George	76.01	45	↑	P	04 14 45.9	+0.1
F04A	Amboy	76.02	34	↑	P	04 14 45.7	+0.1
L08A	Fields	76.03	39	↑	P	04 14 45.9	+0.1
117A	Oracle	76.04	50	↑	P	04 14 46.0	-0.1
HOOD	Mount Hood Me	76.04	34	eP	P	04 14 47.0	+1.2
318A	Bisbee	76.07	52	↑	P	04 14 46.2	-0.1
Q10A	Cortez Mining,	76.08	41	↑	P	04 14 46.2	+0.1
VIPM	Ingram Point	76.10	36	P	P	04 14 46.8	+0.6
LVP	Lakeview Peak	76.11	34	P	P	04 14 47.3	+1.2
Y16A	Circle Bar Ran	76.13	49	↑	P	04 14 46.6	+0.1
P11A	Circle Ranch,	76.14	42	↑	P	04 14 46.5	0.0
J07A	Hines	76.16	37	↑	P	04 14 46.7	+0.2
U14A	Mt Trumbull	76.19	46	↑	P	04 14 47.3	+0.4
NLWA	Neilton Lookou	76.21	32	↑	P	04 14 47.0	+0.3
NLWA	Neilton Lookou	76.21	32	eP	P	04 14 46.5	-0.3
NLWA	comp-Z,33nm,1.1s,mb5.2			e	LR	04 14 53.4	
R12A	Pony Springs,	76.23	43	↑	P	04 14 47.2	+0.1
K08A	Mann Creek Ran	76.26	38	↑	P	04 14 47.3	+0.2
218A	Dragon	76.28	51	↑	P	04 14 47.5	+0.1
N10A	Dumphy	76.31	41	↑	P	04 14 47.6	+0.2
S13A	Holt Ranch, En	76.33	44	↑	P	04 14 47.9	+0.3
TDL	Tradedador La	76.39	33	P	P	04 14 48.9	+1.1
H06A	Lindquist Farm	76.40	36	↑	P	04 14 48.1	+0.2
X16A	Lo Mia Camp, P	76.42	48	↑	P	04 14 48.5	+0.3

Q12A	Willow Creek R	76.46	43	↑	P	04 14 48.4	+0.1
I07A	Izee	76.47	36	↑	P	04 14 48.8	+0.5
Y17A	Roosevelt	76.50	49	↑	P	04 14 48.8	+0.2
DIB	Dawson Inlet,	76.52	24	T	P	05 37 44.3	
O11A	Cowboy Ranch,	76.52	41	↑	P	04 14 48.8	+0.1
G06A	Carlson Farm,	76.55	35	↑	P	04 14 48.8	+0.1
R13A	O'Grain Ranch,	76.58	44	↑	P	04 14 49.4	+0.4
319A	Douglas	76.58	52	↑	P	04 14 49.3	+0.1
Z17A	San Carlos Hig	76.58	50	↑	P	04 14 49.2	+0.1
T14A	Hurricane	76.59	45	↑	P	04 14 49.3	+0.2
V15A	Kaibab Nationa	76.59	47	↑	P	04 14 49.7	+0.5
J08A	Circle Bar Ran	76.64	38	↑	P	04 14 49.4	+0.2
118A	Homack Ranch,	76.64	50	↑	P	04 14 49.5	0.0
P12A	McGill	76.65	42	↑	P	04 14 49.6	+0.2
CCUT	Cedar City	76.65	45	eP	P	04 14 50.5	+1.1
W16A	Flagstaff	76.69	48	↑	P	04 14 49.9	+0.2
ARUT	Antelope Range	76.72	44	eP	P	04 14 49.8	-0.1
ARUT	comp-Z,34nm,1.1s,mb5.2			e	pP	04 14 59.7	-0.5
ARUT	Antelope Range	76.72	44	eP	P	04 14 49.8	0.0
ARUT	comp-Z,34nm,1.1s,mb5.2			e	pP	04 14 59.7	-0.5
M10A	LL Ranch, Tu	76.75	40	↑	P	04 14 50.3	+0.4
H07A	Lands Inn, Kim	76.75	36	↑	P	04 14 50.2	+0.3
Z18A	Geronimo	76.80	50	↑	P	04 14 50.4	0.0
U15A	North Rim	76.81	46	↑	P	04 14 50.9	+0.5
X17A	Forest Lakes	76.84	49	↑	P	04 14 51.0	+0.4
N11A	Elko Archery C	76.85	41	↑	P	04 14 50.8	+0.3
GNW	Green Mountain	76.86	32	eP	P	04 14 50.3	-0.1
GNW	comp-Z,41nm,1.3s,mb5.2			e	pP	04 14 59.7	-1.0
LOH	Longmire	76.86	33	eP	P	04 14 50.3	-0.1
LOH	comp-Z,21nm,1.1s,mb5.0			e	pP	04 14 59.3	-1.5
LOH	Longmire	76.86	33	eP	P	04 14 50.3	-0.1
LOH	comp-Z,21nm,1.1s,mb5.0			e	pP	04 14 59.3	-1.5
Z19A	White Tail Can	76.88	51	↑	P	04 14 52.1	-0.1
S14A	Cedar City	76.89	45	↑	P	04 14 51.1	+0.2
I08A	Drewsey	76.91	37	↑	P	04 14 51.0	+0.2
Q13A	Wheeler Ranch,	76.95	43	↑	P	04 14 51.1	0.0
WPW	White Pass	76.97	33	↑	P	04 14 51.6	+0.6
WUAZ	Wupatki	77.01	47	↑	P	04 14 51.8	+0.3
WUAZ	comp-Z,46nm,1.3s,mb5.2			e	P	04 14 51.8	+0.3
WUAZ	Wupatki	77.01	47	eP	P	04 14 51.8	+0.3
WUAZ	comp-Z,46nm,1.3s,mb5.2			e	pP	04 15 01.2	-0.6
WUAZ	Wupatki	77.01	47	eP	P	04 15 01.2	-0.6
D05A	Enumclaw	77.05	33	↑	P	04 14 52.1	+0.6
T15A	Red Dirt Ranch	77.05	46	↑	P	04 14 51.9	+0.1
J09A	Fry Pan Ranch,	77.06	38	↑	P	04 14 51.7	+0.2
L10A	Juniper Basin	77.10	39	↑	P	04 14 52.0	+0.1
ELK	Elko	77.13	41	eP	P	04 14 52.4	+0.3
ELK	comp-Z,16nm,1.0s			e	MLR	04 15 01.7	-0.7
ELK	Elko	77.13	41	eP	P	04 14 52.4	+0.3
ELK	comp-Z,2µm,22.0s			e	LR	04 15 01.7	-0.7
ELK	Elko	77.13	41	eP	P	04 14 52.4	+0.3
ELK	comp-Z,16nm,1.0s,mb4.9			e	pP	04 15 01.7	-0.7
320A	Kipp Ranch, An	77.13	52	↑	P	04 14 52.3	0.0
Y18A	Canyon Day Jun	77.13	49	↑	P	04 14 52.6	+0.4
M11A	Holland Ranch,	77.16	40	↑	P	04 14 52.5	+0.3
E06A	Yakima	77.17	34	↑	P	04 14 52.6	+0.4
O12A	Currie	77.18	42	↑	P	04 14 52.5	+0.1
119A	Ashpeak Ranch,	77.20	51	↑	P	04 14 52.8	+0.1
RSO	Redoubt South	77.21	10	eP	P	04 14 50.6	-1.4
RSO	comp-Z,15.0s, -1.1			e	pP	04 14 52.4	0.0
H08A	Prairie City	77.22	36	↑	P	04 14 52.8	+0.2
P13A	Bates Ranch, G	77.22	43	↑	P	04 14 52.8	+0.2
PGC	Sidney	77.25	31	eP			

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, and other technical details. Includes stations like B07A Winthrop, Q16A Castle Valley, T18A Mexican Hat, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, and other technical details. Includes stations like BNM V21A Milan, H13A Chalk, R19A Curley Farm, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, and other technical details. Includes stations like PAX PAX, PAX Paxson, O19A Miners Draw, etc.

PDAR	Pinedale Array	81.81	42	P	P	04 15 16.7	-0.8
PDAR		comp=Z,4.3nm,0.6s,mb4.5,baz=212,slow=3.7,SNR=38				04 33 47.9	-2.6
PDAR		comp=Z,0.8nm,0.9s,baz=43,slow=2.8,SNR=6.2				04 41 59.0	
PDAR		comp=Z,0.6nm,0.9s,baz=116,slow=3.4,SNR=5.2				04 44 53.2	
SMCO	Snowmass	81.83	46	eP	P	04 15 17.9	+0.2
YFT	Old Faithful	81.85	40	eP	P	04 15 19.2	+1.5
YMR	Nadison River	81.88	39	eP	P	04 15 18.9	+1.1
C14A	Swan Lake	81.88	36	UP	P	04 15 16.7	-1.1
O21A	Pagoda	81.97	45	UP	P	04 15 18.3	-0.1
H17A	Grant Village	81.98	40	UP	P	04 15 19.7	+1.3
BOZ	Bozeman (W)	81.98	38	eP	P	04 15 17.8	-0.5
BOZ		comp=Z,50nm,1.5s,mb5.2					
BOZ		comp=Z,1um,20.0s,MS5.2					
BOZ	Bozeman (W)	81.98	38	UP	P	04 15 18.4	0.0
BOZ	Bozeman (W)	81.98	38	eP	P	04 15 17.8	-0.5
BOZ		comp=Z,50nm,1.5s,mb5.2					
F16A	Kennard Place	82.05	38	UP	P	04 15 18.7	0.0
YNR	Norris Junction	82.08	40	eP	P	04 15 20.3	+1.4
M20A	Sweetwater, Wa	82.08	43	UP	P	04 15 18.9	-0.1
I18A	Diamond G Ranc	82.10	41	UP	P	04 15 19.0	-0.1
COLA	College	82.16	10c	UP	P	04 15 18.0	-0.8
COLA	College	82.16	10	eP	P	04 15 17.1	-1.7
COLA		comp=Z,84nm,0.9s,mb5.7					
A13A	Flathend Natio	82.16	35	UP	P	04 15 19.0	-0.1
LKWW	Lake	82.17	40	eP	P	04 15 20.6	+1.2
LKWW		comp=Z,40nm,1.1s,mb5.3					
LKWW		comp=Z,837nm,20.0s,MS5.1					
LKWW	Lake	82.17	40	eP	P	04 15 20.6	+1.2
N21A	Black Mountain	82.19	44	UP	P	04 15 19.9	+0.3
D15A	Lincoln	82.19	37	UP	P	04 15 19.2	-0.2
SDCO	Great Sand Dun	82.22	48	eP	P	04 15 19.6	-0.2
SDCO		comp=Z,21nm,1.2s,mb5.0					
L20A	Wamsutter	82.23	43	UP	P	04 15 20.2	+0.4
K19A	Absolon Red Bu	82.29	42	UP	P	04 15 19.2	-0.9
G17A	Pierce Place	82.35	39	UP	P	04 15 20.9	+0.6
E16A	East Helena	82.42	38	UP	P	04 15 20.4	-0.2
HRV	Holter Researc	82.42	37	eP	P	04 15 20.6	0.0
WALA	Waterton Lakes	82.50	35	eP	P	04 15 20.2	-0.8
C15A	Salmond Ranch	82.53	36	UP	P	04 15 20.6	-0.6
K20A	Yellowstone Ra	82.54	42	UP	P	04 15 20.7	-0.7
SEY	Seymchan	82.57	345	UP	P	04 15 20.0	-1.0
SEY	Seymchan	82.57	345	UP	P	04 15 20.1	-0.9
M21A	Separation Pea	82.68	43	UP	P	04 15 21.9	-0.2
F17A	Fitzpatrick Pl	82.69	38	UP	P	04 15 22.3	+0.3
A14A	Double T Ranch	82.72	35	UP	P	04 15 21.6	-0.5
D16A	Dana Ranch, Ca	82.75	37	UP	P	04 15 22.1	-0.2
RWWY	Rawlins	82.82	43	eP	P	04 15 22.5	-0.3
L21A	Rawlins	82.85	43	UP	P	04 15 22.6	-0.3
B15A	Bradley Ranch	82.85	36	UP	P	04 15 21.7	-1.1
E17A	Martinsdite	82.86	38	UP	P	04 15 22.7	-0.2
C16A	Fuhringer Ranc	83.04	36	UP	P	04 15 23.1	-0.2
ISCO	Idaho Springs	83.05	46	eP	P	04 15 23.9	-0.1
ISCO		comp=Z,21nm,1.1s,mb5.1					
ISCO		comp=Z,931nm,20.0s,MS5.2					
ISCO	Idaho Springs	83.05	46	eP	P	04 15 23.9	-0.1
ISCO		comp=Z,21nm,1.1s,mb5.1					
G18A	Lazy EL Ranch	83.06	39	UP	P	04 15 24.0	0.0
M22A	Cedar Creek Ra	83.10	44	UP	P	04 15 24.0	-0.3
A15A	Johnson Ranch	83.11	35	UP	P	04 15 23.2	-0.9
RLMT	Red Lodge	83.15	40	UP	P	04 15 24.7	+0.3
RLMT	Red Lodge	83.15	40	eP	P	04 15 24.8	+0.3
RLMT		comp=Z,38nm,1.1s,mb5.3					
DAWY	Dawson	83.18	14	eP	P	04 15 23.8	-0.3
GCMT	Greycliff	83.24	39	eP	P	04 15 25.2	+0.4
F18A	Big Timber	83.26	39	UP	P	04 15 24.9	-0.1
D17A	Six Diamond Ra	83.32	37	UP	P	04 15 25.4	+0.2
B16A	M & M Farms, S	83.38	36	UP	P	04 15 24.5	-1.0
EGAK	Eagle	83.39	13	eP	P	04 15 24.6	-0.6
EGAK		comp=Z,40nm,1.1s,mb5.4					
QIZ	Qiongzhong	83.40	292	P	P	04 15 26.8	+0.5
QIZ		comp=Z,32nm,1.1s,mb5.1					
QIZ		comp=Z,22nm,1.4s,mb5.0					
QIZ		comp=Z,200nm,3.4s					
QIZ		comp=E,250nm,26.6s					
QIZ	Qiongzhong	83.40	292	PFAKE	LR	04 15 26.8	+0.5
E18A	Harlowton	83.48	38	UP	P	04 15 26.5	+0.4
L22A	Ellis Ranch, M	83.50	43	UP	P	04 15 26.4	+0.1
WHN	Wuhan	83.51	304	eP	P	04 15 28.5	+1.8
WHN		comp=Z,1um,21.2s,MS5.2					
WHN		comp=Z,1um,21.2s,MS5.2					
C17A	Wharram Farm	83.52	37	UP	P	04 15 25.8	-0.5
TIA	Tai'an	83.58	310	P	P	04 15 27.9	+1.0
JCT	Junction City	83.61	56	eP	P	04 15 26.0	-1.2
JCT		comp=Z,18nm,1.1s,mb5.1					
JCT		comp=Z,866nm,21.0s,MS5.1					

JCT	Junction City	83.61	56	eP	P	04 15 26.0	-1.2
JCT		comp=Z,18nm,1.1s,mb5.1					
A16A	West Butte Ran	83.73	36	UP	P	04 15 26.8	-0.5
PHWY	Pilot Hill	83.82	44	eP	P	04 15 27.4	-0.6
AMTX	Amarillo	83.83	51	eP	P	04 15 27.5	-0.7
AMTX		comp=Z,15nm,0.7s,mb5.2					
AMTX		comp=Z,1um,22.0s,MS5.2					
B17A	L&G Farms, Che	83.84	36	UP	P	04 15 27.4	-0.5
D18A	Linhart Farms	83.86	38	UP	P	04 15 28.3	+0.3
COLD	Coldfoot	83.95	9	eP	P	04 15 28.2	+0.1
PMSA	Palmer Station	84.03	156	PFAKE	LR	04 15 40.0	+1.1
PMSA		comp=Z,1um,20.0s,MS5.3					
KVXT	Kingsville	84.12	60	PFAKE	LR	04 15 40.0	+1.0
KVXT		comp=Z,643nm,21.0s,MS5.0					
A17A	Triple J Farms	84.23	36	UP	P	04 15 29.4	-0.5
EGMT	Eagleton	84.30	37	UP	P	04 15 29.8	-0.5
EGMT		comp=Z,44nm,1.2s,mb5.5					
EGMT		comp=Z,1um,19.0s,MS5.3					
B18A	Beardsley Farm	84.48	37	UP	P	04 15 30.7	-0.4
B18A		comp=Z,85,SNR=18					
BILL	Bilbino	84.48	352c	eP	P	04 15 30.4	-0.3
BILL		comp=Z,41nm,2.5s,mb5.1					
BILL		comp=Z,200nm,17.0s,MS4.6					
BILL	Bilbino	84.48	352	eP	P	04 15 30.2	-0.6
BILL		comp=Z,2um,22.0s					
EDM	Edmonton	85.10	31	eP	P	04 15 32.7	-1.5
LAO	LASA Array	85.76	39	eP	P	04 15 38.1	+0.4
LAO		comp=Z,82nm,1.3s,mb5.8					
LAO		comp=Z,1um,22.0s,MS5.2					
BJT	Bajitatuau	85.81	313	eP	P	04 15 39.0	+1.0
BJT		comp=Z,37nm,1.1s					
BJT		comp=Z,434nm,21.0s					
BJT	Bajitatuau	85.81	313	eP	P	04 15 39.0	+0.9
BJT		comp=Z,37nm,1.1s,mb5.5					
BJT		comp=Z,434nm,21.0s,MS4.8					
BJI	Beijing	85.82	313	P	P	04 15 38.8	+0.7
BJI		comp=Z,41nm,1.2s,mb5.5					
BJI		comp=Z,520nm,4.5s					
BJI		comp=N,280nm,25.1s,MS4.7					
BJI		comp=E,320nm,29.6s,MS4.7					
BJI		comp=Z,570nm,26.2s,MS4.8					
WMOK	Wichita Mounta	85.98	53	PFAKE	LR	04 15 50.0	+1.1
WMOK		comp=Z,718nm,20.0s,MS5.2					
RSSD	Black Hills	86.00	42	eP	P	04 15 37.6	-1.3
RSSD		comp=Z,24nm,0.9s,mb5.4					
RSSD		comp=Z,1um,20.0s,MS5.2					
RSSD	Black Hills	86.00	42	eP	P	04 15 37.6	-1.3
RSSD		comp=Z,24nm,0.9s,mb5.4					
RSSD		comp=Z,1um,20.0s,MS5.2					
OGNE	Ogallala	86.01	46	PFAKE	LR	04 15 50.0	+1.1
OGNE		comp=Z,1um,22.0s,MS5.2					
HKT	Hockley	86.64	58d	UP	P	04 15 41.6	-0.8
HKT	Hockley	86.64	58	eP	P	04 15 41.6	-0.8
HKT		comp=Z,42nm,1.5s,mb5.5					
CBKS	Cedar Bluff	86.80	48	eP	P	04 15 53.2	+1.0
CBKS		comp=Z,884nm,21.0s,MS5.1					
COCO	West Island	87.19	258	PFAKE	LR	04 16 00.0	+1.5
COCO		comp=Z,757nm,20.0s,MS5.1					
ENH	Enshi	87.35	302	PFAKE	LR	04 16 00.0	+1.4
ENH		comp=Z,2um,20.0s,MS5.4					
HIA	Hailar	87.46	323	eP	P	04 15 46.4	+0.5
HIA		comp=Z,37nm,1.4s					
HIA		comp=Z,995nm,22.0s					
HIA	Hailar	87.46	323	eP	P	04 15 46.4	+0.5
HIA		comp=Z,37nm,1.4s,mb5.4					
HIA		comp=Z,995nm,22.0s,MS5.2					
DGMT	Dagmar	87.79	38	UP	P	04 15 47.2	-0.3
DGMT		comp=Z,82nm,1.2s,mb5.8					
DGMT	Dagmar	87.79	38	eP	P	04 15 46.9	-0.6
DGMT		comp=Z,82nm,1.2s,mb5.8					
DGMT		comp=Z,2um,20.0s,MS5.4					
INK	Inuvik	88.03	14	eP	P	04 15 47.0	-1.2
INK		comp=Z,32nm,1.3s					
INK	Inuvik	88.03	14	eP	P	04 15 47.0	-1.2
INK		comp=Z,32nm,1.3s,mb5.4					
KULM	Kulim	88.06	276	eP	P	04 15 50.6	+1.0
KULM		comp=Z,11nm,0.7s,mb5.2					
KULM		comp=Z,233nm,20.0s,MS4.6					
MAW	Mawson	88.07	198	eP	P	04 15 49.5	+0.9
MAW		comp=Z,95nm,0.9s,mb6.0					
MAW	Mawson	88.07	198	eP	P	04 15 49.5	+0.9
MAW		comp=Z,150nm,1.0s,mb6.2,baz=124,slow=6.0,SNR=125					
NATX	Nacogdoches	88.19	57	eP	P	04 15 48.9	-0.9
NATX		comp=Z,1um,20.6s,MS5.3,baz=118,slow=33					
NATX		comp=Z,79nm,1.4s,mb5.8					
CLNS	Chul'man	88.43	331	eP	P	04 15 50.1	-0.2
CLNS		comp=Z,22nm,0.9s,mb5.4					
CLNS		comp=E,7.0nm,0.9s					
CLNS		comp=N,9.0nm,1.2s					
GYA	Guiyang	88.50	298	UP	P	04 15 53.2	+1.8
GYA		comp=Z,200nm,4.8s					
GYA		comp=Z,200nm,4.8s					

GYA		comp=N,690nm,18.7s,MS5.2					
GYA		comp=E,580nm,18.6s,MS5.2					
XAN	Xi'an	89.04	306	P	P	04 15 54.9	+1.2
XAN		comp=Z,890nm,18.2s,MS5.2					
XAN		comp=Z,6.0nm,1.5s,mb4.7					
XAN		comp=Z,58nm,8.7s					
XAN		comp=N,220nm,22.0s					
XAN		comp=E,140nm,27.8s					
PSI							

Table with columns: ULN, Ulanbaatar, 46.04, 10, eP, P, 05 51 40.4 -0.5, etc. Lists various stations and their coordinates and status.

Table with columns: YAK, Yakutsk, 64.38, 17, eP, P, 05 53 51.6 -1.3, etc. Lists various stations and their coordinates and status.

Table with columns: GERES, Geres Array B, 82.97, 319, P, P, 05 55 42.5 +0.2, etc. Lists various stations and their coordinates and status.

NEIC 04 05:44:44.8, 16:59N:100:62W, h10km, MD3.8(MEX), After MEX.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res. Lists station codes and names.

Table with 5 columns: PPM, Station Name, Azimuth, Elevation, and other parameters. Includes stations like Popocatepetl, Vista Hermosa, etc.

IDC 04 06:13:09.4+4.9, 8.14'S: 114.85'E, h0km, mb3.3/3, mb1 3.6/3, mb1mx3.4/16, mbtmp3.4/3, Error ellipse: s-maj=210, 1km s-min=28.6km az=56.0, ISCJB 04 06:13:11.6+2.4, 8.07'S: 0.07'115.32E:0.04, h8km, 17km, mb3.5/3, Error ellipse: s-maj=12.0km s-min=6.5km az=20.0

DJA 04 06:13:13.8'11'S: 115.30'E, h10km, MLV3.6/8 ISC 04 06:13:12.9-1.0, 8.09'S: 0.08'115.29E:0.04, h8km, gkm, n18, #0578/21, mb3.5/3, Bali region

Table with 5 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like SRBI, KHKI, DNP, etc.

ISCJB 04 06:56:39.7-0.2, 11.63'N: 0.02'62.08W: 0.03, h162km, 1km, m4/0/28, Error ellipse: s-maj=5.0km s-min=3.0km az=20.0

TRN 04 06:56:41.7, 11.59'N: 61.97'W, h160km, MD4, 0, M4.4 (FDF) NEIC 04 06:56:42.3, 11.59'N: 61.98'W, h156km, MB4, 1/12, MD4.0 (TRN), MW4.0 (CAR), After TRN.

FUNV 04 06:56:42.6, 11.62'N: 61.95'W, h139km, MW4.0 IDC 04 06:56:43.5+0.6, 11.71'N: 62.30'W, h171km, 5km, mb3.7/17, mb1 3.8/19, mb1mx3.7/26, mbtmp3.7/19, Error ellipse: s-maj=10.7km s-min=8.3km az=94.0

ISC 04 06:56:40.9-0.1, 11.63'N: 0.02'62.09W: 0.03, h154km, 1km, h175km, 2.0km, p-P, n230, #0582/268, mb4.0/28, 71C-73D, Windward Islands

Large table with 5 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Lists numerous stations across the Windward Islands region.

Large table with 5 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Lists numerous stations across the Pacific region.

Large table with 5 columns: Code, Station Name, Azimuth, Elevation, and other parameters. Lists numerous stations across the Pacific region.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like K05A Summer Lake, C08A Higginbotham F, G06A Carlson Farm, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AML Almayashu, EKS2 Erkin-Say, UCH Uchtor, etc.

THE 04 07:41:30.6, 39°27'N, 20°44'E, h6km, ML3.0/3, Error ellipse: s-maj=1.1km s-min=0.4km az=259.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IGT Igoumenitsa, KEK Kerkira, JAN Janina, etc.

KRSC 04 07:54:25.5, 0.8, 55.64N, 162.34E, h24km, 24km, ML3.8, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KBTR Krutoberegovo, ZLN Zelenaya, TSIR Tsirk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TUMR Tumrok, KOZ Kozyrevsk, SRED Sredinnyy, etc.

DJA 04 08:04:53.5, 55N, 125.87E, h197km, mb4.6/12, ISCJB 04 08:04:55.0, 0.4, 5.08N, 0.04, 125.63E, 0.07, h207km, 4km, mb4.2/26, Error ellipse: s-maj=11.2km s-min=5.7km

MAN 04 08:04:54.4, 83N, 125.55E, h160km, mb5.0, ML3.9, MS4.1, NEIC 04 08:04:55.0, 0.9, 5.10N, 125.55E, h196km, 9km, mb4.5/10, Error ellipse: s-maj=14.6km s-min=7.1km az=80.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GSPH General Santos, MATI Mati, DAV Davao City (W), etc.

ISC 04 08:04:55.9, 0.4, 5.08N, 0.04, 125.61E, 0.07, h199km, 4km, n71, c1917/77, mb4.2/26, 3D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GSPH General Santos, MATI Mati, DAV Davao City (W), etc.

KRSC 04 07:54:25.5, 0.8, 55.64N, 162.34E, h24km, 24km, ML3.8, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KBTR Krutoberegovo, ZLN Zelenaya, TSIR Tsirk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURK Kurchatov, BVAR Gorovoye Array, AKTK Aktyubinsk, etc.

IDC 04 08:11:40.9, 1.4, 37°23'N, 24°27'W, h0km, mb4.0/4, mb1.4/2.4, mb1mx3.6/25, mbtmp4.0/4, MS3.1/4, Ms3.1/4, ms1mx2.7/34, Error ellipse: s-maj=50.2km s-min=32.6km az=25.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PSMN Pico do Norte, PSMN Pico do Norte, PSMN Pico do Norte, etc.

PDA 04 08:11:42.9, 0.9, 37°18'N, 24°51'W, h5km, MD3.9, ML3.5, Error ellipse: s-maj=54km s-min=3.8km az=91.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PSMN Pico do Norte, PSMN Pico do Norte, PSMN Pico do Norte, etc.

IDC 04 08:16:28.9, 1.7, 22°39'S, 171°36'E, h0km, mb3.9/4, mb1.4/2.5, mb1mx4.0/15, mbtmp4.0/5, ML3.4/1, MS3.4/4, Ms3.3/4, ms1mx2.9/21, Error ellipse: s-maj=54.1km s-min=32.0km az=172.0

ISC 04 08:16:38.0, 3.7, 22°8'S, 0.2, 171°3E, 0.2, h74km, 29km, n11, c088/8, mb3.9/4, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NOUC Port Laguerre, URZ Urewera, ARFI Afiamalu, etc.

IDC 04 08:28:59.1, 8.1, 2°63'N, 95°48'E, h21km, 5km, mb3.9/6, mb1.4/0.7, mb1mx3.7/22, mbtmp3.9/7, ML3.6/1, MS3.1/2, Ms3.1/2, ms1mx2.6/32, Error ellipse: s-maj=55.4km s-min=17.9km az=52.0

ISCJB 04 08:28:58.2, 1.7, 2.66N, 0.08, 95.5E, 0.1, h46km, 14km, mb4.2/9, Error ellipse: s-maj=24.8km s-min=8.0km az=151.1

NEIC 04 08:28:59.0, 1.0, 2°63'N, 95°48'E, h35km, mb4.0/3, Error ellipse: s-maj=22.5km s-min=12.7km az=218.0

DJA 04 08:28:59.2, 39N, 95.41E, h58km, MLv4.1/6, ISC 04 08:28:59.4, 1.6, 2.63N, 0.08, 95.5E, 0.1, h38km, 14km, h38km, 3.0, mb1.4/0.7, mb1mx3.7/22, mbtmp3.9/7, ML3.6/1, MS3.1/2, Ms3.1/2, ms1mx2.6/32, Error ellipse: s-maj=55.4km s-min=17.9km az=52.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PSI Prapat, SISI Saibi, PPI Padang Panjang, KULM Kulim, etc.

DDA 04 08:47:14.8, 38°21'N, 38°33'E, h7km, 2km, MD2.7
ISCJB 04 08:47:15.9, 0.6, 38°21'N, 0.05:38°28'E, 0.05, h12km, 5km,
Error ellipse: s-maj=8.4km s-min=6.1km az=152.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MALT Malatya, MYA Malataya, AKCD Akcadag, etc.

DJA 04 08:48:39.0, 2°26'N, 98°71'E, h30km, MLV3.6/3, Northern Sumatra
Code Station Name Az Az' Phase ID Time Res
GSI Gunungsitoli 1.54 312 Op Pn 08 49 03.5 +0.9

CSEM 04 08:52:32.2, 1.0, 40°16'N, 28°39'E, h10km, MD2.4, Error
ellipse: s-maj=28.4km s-min=18.2km az=92.0
ISK 04 08:52:33.7, 40°66'N, 28°36'E, h6km, MD2.4,
ISCJB 04 08:52:35.9, 1.9, 40°38'N, 0.10:28°2'E, 0.1, h36km, 16km,
Error ellipse: s-maj=20.2km s-min=10.8km az=44.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KCT Karacabey, BNT Bandirma, EDC Edincik, etc.

MOS 04 09:22:26.4, 2.1, 49°09'N, 157°35'E, h5km, mb4.3/1, Error
ellipse: s-maj=52.8km s-min=15.1km az=82.3
KRSC 04 09:22:26.4, 1.9, 49°09'N, 157°36'E, h5km, 5km, ML4.2,
East of Kuril Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NLC Nalytchevo, SPN Mys Shipunski, GNL Ganaly, etc.

NIED 04 09:23:00.34, 20N, 131°50'E, h20km, Mw3.3 Best double
couple: Mo:1.04000x10^14 NP1:3e217.00000°, 888.00000°,
1.157.00000°. NP2:3e308.00000°, 867.00000°, 82.00000°.
JMA 04 09:23:57.2, 34°19'N, 131°46'E, h17km, M3.6, 3D, Western

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CTKT Corum, CORM Corum, YZG Yozgat, etc.

PRE 04 09:52:29.4, 1.3, 21°23'S, 33°58'E, h10km, ML4.7
ISCJB 04 09:52:30.9, 0.6, 21°24'S, 0.04:33°14'E, 0.06, h10km,
mb3.8/4, Error ellipse: s-maj=8.2km s-min=5.1km az=23.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MOPA Mopani, MSNA Messina, POGA Pongola, etc.

LSZ Lusaka 7.64 320 ePn Pn 09 54 23.6 -0.5
LSZ PRYS Parys 7.80 222 ePn Pn 09 55 50.0 -0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LBTB Lobatse, SEK Senekal, KSD Kokstad, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BOSA Boshof, BOSA Boshof, HVD Gariep Dam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TSM Tsumeb, TOR Torodj Ar. Bea, MAW Mawson, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EZM Erzurum, ERZM Erzurum, KOPT Kop Dag, etc.

BUI 04 10:00:29.1, 44°54'N, 129°28'W, h10km, mb5.0/5, mb4.3/4,
Ms4.4/3, Ms7.4/3
ISCJB 04 10:00:35.5, 0.7, 44°36'N, 0.03:129°23'W, 0.07, h10km,
mb4.2/5, MS3.1/2, Error ellipse: s-maj=7.3km s-min=3.4km
az=10.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like COR Corvallis, KMR Kings Mountain, F03A Seaside, etc.

NEIC 04 10:00:36.1, 6.4, 44°37'N, 129°45'W, h10km, mb4.0/9, Error
ellipse: s-maj=18.5km s-min=6.1km az=87.0
IDC 04 10:00:41.1, 3.3, 5.44:38N, 128°32'W, h0km, mb3.7/2,
mb1.3/7, mb1mx3.7/26, mbtmp3.6/7, ML3.2/5, MS3.3/4,
Ms1.3/3, ms1mx2.8/35, Error ellipse: s-maj=60.0km
s-min=18.4km az=63.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NWLA Neilton Lookou, NWLA Neilton Lookou, NWLA Neilton Lookou, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RWW Rose Valley, GT2 Goat Mountain, H04A Detroit Lake, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H04A Amboy, F04A Lakeview Peak, FRIS Frissel Point, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WDC Whiskeytown Da, E06A Yakeba, K05A Sander Lake, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Columbia Colle, Newport, Walters Elk Ra, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like S17A Black Ridge (B), V15A Kalibab Nationa, R18A Canyonlands Na, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JAG Ashikaga, TOK Tokyo, JYT Yasato, etc.

4d 10h

2008 APR

Table with columns: ID, Name, Value, Unit, Status, and other metrics. Includes entries like F13A Darby, A17A Triple J Farms, I11A Placeville, etc.

Table with columns: ID, Name, Value, Unit, Status, and other metrics. Includes entries like ELK Elko, F18A Big Timber, J15A Blackfoot, etc.

Table with columns: ID, Name, Value, Unit, Status, and other metrics. Includes entries like K18A Toltan Ranch, TRPA Tarpa, P14A Drum Mountains, etc.

DDA 04 10:06:12.8,36.05N,31.35E,h22km,4km,Md3.4
ISK 04 10:06:13.6,36.07N,31.29E,h35km,Md3.2
HLW 04 10:06:25.2,35.05N,30.84E,h33km,Mb3.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Gazipasa, Antalya, Korkuelli, etc.

WEL 04 10:56:28.1,0.1,41.27S,173.82E,h63km,1km,ML3,5/2.0,
6C-11D,Error ellipse: s-maj=1.3km s-min=1.2km az=0.0,
South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Tuamarina, Nelson, Tory Channel, etc.

ISC 04 10:33:17.3,2.5,6.09S,130.44E,h0km,mb3.8/1
mb1 3.7/4,mb1mx3.5/13,mbtmp3.5/4,ML3.5/3,Error
ellipse: s-maj=106.4km s-min=29.1km az=77.0,Banda
Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Fitzy Crossi, Warramunga Arr, ASAR, MKAR, etc.

CSEM 04 10:38:56.4,45.43N,35.36E,h10km,mb4.1,After OBN
MOS 04 10:38:56.4,45.43N,35.36E,h10km,mb4.1/1,3D,
Error ellipse: s-maj=27.3km s-min=12.6km az=59.8,
Crimea region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like SUDU, KERU, SIM, etc.

ISC/B 04 10:43:28.2,1.1,2.65N,0.09,95.5E,0.1,h23km,mb3.8/6,
Error ellipse: s-maj=19.9km s-min=9.5km az=150.2
NEIC 04 10:43:30.1,0.9,2.65N,0.09,95.5E,Error ellipse:
s-maj=19.6km s-min=10.2km az=118.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Banda Aceh, Prapat, Kulim, etc.

WEL 04 10:56:28.1,0.1,41.27S,173.82E,h63km,1km,ML3,5/2.0,
6C-11D,Error ellipse: s-maj=1.3km s-min=1.2km az=0.0,
South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Tuamarina, Nelson, Tory Channel, etc.

DDA 04 11:08:09.4,39.08N,42.90E,h9km,6km,Md2.8
ISC/B 04 11:08:10.4,0.8,39.02N,0.04,42.85E,0.05,h9km,10km,
Error ellipse: s-maj=7.7km s-min=5.7km az=35.2
CSEM 04 11:08:10.2,0.4,39.04N,42.80E,h2km,Md2.9,Error
ellipse: s-maj=1.1km s-min=0.7km az=42.0

ISC 04 11:08:10.6,39.10N,42.92E,h10km,Md2.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like VANE Van, VANE Van, TVAN Van, etc.

DJA 04 11:11:17.23,90S,60.41W,h10km,mb4.9/3
ISC/B 04 11:11:32.4,0.5,23.07S,0.04,66.49W,0.04,h196km,3km,
mb4.7/97,Error ellipse: s-maj=7.5km s-min=5.2km

BUI 04 11:11:32.3,10S,66.40W,h197km,Mb4.9/10
NEIC 04 11:11:33.4,0.5,23.12S,66.43W,h198km,3km,mb4.8/83,
Error ellipse: s-maj=7.4km s-min=4.8km az=65.0
GUC 04 11:11:35.9,0.5,23.03S,67.10W,h238km,7km,ML5.5
MOS 04 11:11:35.1,1.2,22.83S,66.32W,h218km,Mb4.8/26,
Error ellipse: s-maj=2.1km s-min=6.6km az=119.3
IDC 04 11:11:36.5,0.6,23.04S,66.44W,h223km,5km,mb4.2/14,
mb1 4.3/20,mb1mx4.3/23,mbtmp4.2/20,Error ellipse:
s-maj=14.3km s-min=9.9km az=50.0

ISC 04 11:11:32.9,0.4,23.12S,0.03,66.46W,0.04,h188km,3km,
h228km,2.5km;p-P,N660,0,6568/631,mb4.7/97,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Limon Verde, Plate Boundary, Maria Elena, etc.

JCT	Junction City	62.16 328	eP	P	11 21 33.2	-1.1
JCT	Junction City	62.16 328	eP	P	11 21 33.2	-1.1
WVT	Waverly	62.29 341	eP	P	11 21 33.0	-2.0
WVT	Waverly	62.29 341	eP	P	11 21 33.0	-2.0
MIAR	Mount Ida	62.86 335	eP	P	11 21 37.5	-1.4
MIAR	Mount Ida	62.86 335	eP	P	11 21 37.5	-1.4
627A	Terlingua Ranc	63.19 324	uP	P	11 21 40.5	-0.7
TXAR	Lajitas Array	63.25 324	P	P	11 21 40.5	-1.1
TXAR	Lajitas Array	63.25 324	P	P	11 21 40.5	-1.1
626A	Big Bend Ranch	63.68 324	uP	P	11 21 44.1	-0.2
MCWV	Mont Chateau	63.68 349	eP	P	11 21 43.7	-0.4
428A	Kincaid Ranch	63.82 325	uP	P	11 21 44.7	-0.6
527A	Woodward Ranch	63.86 324	uP	P	11 21 44.6	-0.9
526A	Mary Lane Ranch	64.05 324	uP	P	11 21 46.3	-0.5
427A	Hayter Ranch	64.30 325	uP	P	11 21 47.5	-0.8
426A	McDonald Obser	64.49 324	uP	P	11 21 49.0	-0.6
FVM	French Village	64.81 339	eP	P	11 21 49.6	-1.9
FVM	French Village	64.81 339	eP	P	11 21 49.6	-1.9
ACSO	Alum Creek Sta	64.87 346	eP	P	11 21 50.2	-1.6
326A	Caldwell Ranch	64.97 325	uP	P	11 21 51.9	-0.8
CCM	Cathedral Cave	65.15 339	eP	P	11 21 51.9	-1.8
CCM	Cathedral Cave	65.15 339	eP	P	11 21 51.9	-1.8
WMOK	Wichita Mounta	65.21 331	eP	P	11 21 52.7	-1.4
325A	Bean Ranch, Si	65.54 324	uP	P	11 21 55.6	-0.8
226A	Malaga Loving	65.62 325	uP	P	11 21 56.5	-0.3
ALLY	Allegheny Colle	65.67 349	eP	P	11 21 56.4	-0.6
127A	Arkansas Junct	65.72 326	uP	P	11 21 56.2	-1.2
TRY	Troy	65.85 354	eP	P	11 21 57.8	-0.3
GD2L	Guadalupe Moun	65.86 325	eP	P	11 21 58.0	-0.4
324A	Moseley Ranch	65.87 324	uP	P	11 21 57.1	-1.4
MNTX	Cornudas Mount	66.02 324	eP	P	11 21 57.6	-1.8
126A	Clayton Basin,	66.03 326	uP	P	11 21 58.6	-0.8
225A	Deer Hill, Car	66.04 325	uP	P	11 21 58.7	-0.9
ERPA	Erie	66.10 349	eP	P	11 21 58.8	-0.8
125A	Gardner Draw,	66.38 325	uP	P	11 22 00.3	-1.3
224A	Cornudas Mount	66.38 324	uP	P	11 22 00.6	-1.1
AMTX	Amarillo	66.66 329	eP	P	11 22 02.2	-1.3
223A	Chapparral, Ant	66.82 324	uP	P	11 22 03.9	-0.6
DBIC	Dimbokro	67.06 72	P	P	11 22 05.5	-0.9
DBIC	Dimbokro	67.06 72	P	P	11 22 05.5	-0.9
QSPA	South Pole Qui	67.09 180	eP	P	11 22 06.6	+1.1
NCB	Newcomb	67.13 354	eP	P	11 22 05.6	-0.6
222A	Williams Famil	67.27 323	uP	P	11 22 07.3	0.0
320A	Kipp Ranch, An	67.49 322	uP	P	11 22 08.8	+0.1
221A	Messquite Ranch	67.57 323	uP	P	11 22 09.6	+0.4
121A	Conniff Cattle	67.66 324	uP	P	11 22 10.2	+0.4
LONY	Lake Ozonia	67.81 354	eP	P	11 22 09.9	-0.5
220A	Playas Peak, P	67.91 322	uP	P	11 22 11.3	-0.1
319A	Douglas	67.95 321	uP	P	11 22 11.7	+0.1
212A	Cookes Peak, D	67.97 323	uP	P	11 22 12.1	+0.4
KSU1	Kansas State U	68.02 335	eP	P	11 22 09.8	-2.1
PKME	Peaks-Kenny Pk	68.10 358	eP	P	11 22 11.7	-0.5
219A	White Tail Can	68.12 322	uP	P	11 22 14.5	+0.2
318A	Bisbee	68.41 321	uP	P	11 22 14.7	+0.2
120A	U Bar Ranch, L	68.45 322	uP	P	11 22 15.0	+0.3
Z21A	St. Cloud Mine	68.49 324	uP	P	11 22 15.3	+0.4
BNM	Barren Site	68.57 325	eP	P	11 22 15.8	+0.4
Y22D	IRIS PASCALL I	68.67 325	uP	P	11 22 16.3	+0.3
LPM	Los Pinos Moun	68.70 325	eP	P	11 22 16.3	+0.2
218A	Dragon	68.83 321	uP	P	11 22 17.3	+0.3
Z20A	Nine Sixteen R	68.85 323	uP	P	11 22 17.7	+0.5
119A	Ashpeak Ranch	68.99 322	uP	P	11 22 18.3	+0.3
Y21A	Point of Rocks	69.02 324	uP	P	11 22 18.9	+0.7
LZ1A	Ladron	69.03 325	eP	P	11 22 18.7	+0.5
CBKS	Cedar Bluff	69.44 333	eP	P	11 22 17.8	-0.4
X22A	Bernardo	69.05 325	uP	P	11 22 18.9	+0.6
ANMO	Albuquerque	69.10 326	eP	P	11 22 18.8	+0.2
ANMO	Albuquerque	69.10 326	eP	P	11 22 18.8	+0.2
217A	Green Valley	69.14 320	uP	P	11 22 18.9	0.0
JFWS	Jewell Farm	69.26 342	eP	P	11 22 18.2	-1.2
SCIA	State Center	69.27 339	eP	P	11 22 18.1	-1.4
118A	Homack Ranch	69.28 322	uP	P	11 22 19.9	+0.1
Y20A	Horse Springs,	69.33 324	uP	P	11 22 20.6	+0.5
Z19A	T-Link Ranch,	69.36 323	uP	P	11 22 20.9	+0.7
W22A	Albuquerque	69.40 325	uP	P	11 22 21.1	+0.5
X21A	Alamocita Cree	69.41 324	uP	P	11 22 21.2	+0.6
TUC	Tucson	69.50 321	eP	P	11 22 21.1	-0.1
TUC	Tucson	69.50 321	eP	P	11 22 21.1	-0.1
Z18A	Geronimo	69.64 322	uP	P	11 22 22.1	+0.1
117A	Oracle	69.67 321	uP	P	11 22 22.3	+0.1
216A	Three Points,	69.68 320	uP	P	11 22 22.4	+0.2
W19A	Nutrisio	69.85 323	uP	P	11 22 24.0	+0.7
Y21A	San Fidel	69.85 325	uP	P	11 22 23.6	+0.4
X20A	Quemado	69.87 324	uP	P	11 22 23.9	+0.5
Z17A	San Carlos Hig	70.04 322	uP	P	11 22 24.4	0.0

Y18A	Canyon Day Jun	70.15 322	uP	P	11 22 25.2	+0.1
X19A	St. Johns	70.22 323	uP	P	11 22 25.6	+0.1
116A	Elco	70.22 320	uP	P	11 22 25.6	+0.1
W20A	Ramah	70.31 324	uP	P	11 22 26.4	+0.4
V21A	Milan	70.37 325	uP	P	11 22 26.9	+0.5
214A	Organ Pipe Nat	70.45 319	uP	P	11 22 27.2	+0.3
Y17A	Roosevelt	70.55 322	uP	P	11 22 28.0	+0.5
115A	Sonoran Desert	70.63 320	uP	P	11 22 28.3	+0.3
X18A	Snowflake	70.66 323	uP	P	11 22 28.5	+0.4
W19A	Sanders	70.78 324	uP	P	11 22 29.1	+0.2
SDCO	Great Sand Dun	70.80 328	eP	P	11 22 28.9	0.0
V20A	Brimhall	70.80 325	uP	P	11 22 29.1	+0.1
T22A	Edith	70.92 327	uP	P	11 22 30.2	+0.5
W18A	Petrified Fore	70.97 324	uP	P	11 22 30.4	+0.3
X17A	Forest Lakes	70.99 322	uP	P	11 22 30.9	+0.8
Z15A	Gila River Ind	71.01 321	uP	P	11 22 30.3	0.0
Y16A	Circle Bar Ran	71.04 322	uP	P	11 22 30.9	+0.4
V19A	Window Rock	71.05 324	uP	P	11 22 30.9	+0.4
114A	Blues Gap (USA	71.06 320	uP	P	11 22 30.6	0.0
U20A	Newcomb	71.27 325	uP	P	11 22 31.8	+0.1
X16A	Lo Mia Camp	71.41 322	uP	P	11 22 33.3	+0.6
W17A	Winslow	71.48 323	uP	P	11 22 33.5	+0.4
V18A	Ganado	71.52 324	uP	P	11 22 33.3	0.0
Z14A	Wintersburg	71.53 320	uP	P	11 22 33.2	-0.2
U19A	Dine' College,	71.57 325	uP	P	11 22 33.2	-0.4
Y15A	Casa Rosa Ranc	71.59 321	uP	P	11 22 33.9	+0.1
113A	Mohawk Valley,	71.59 319	uP	P	11 22 33.7	-0.2
R22A	Sauche, Gunn	71.79 328	uP	P	11 22 35.2	+0.4
OGNE	Ogallala	71.79 332	eP	P	11 22 34.7	-0.1
Z13A	Yuma Proving G	71.83 320	uP	P	11 22 35.2	0.0
S21A	Coal Bank Pass	71.87 327	uP	P	11 22 35.6	+0.2
T19A	Beclabito	71.87 325	uP	P	11 22 35.4	0.0
MVCO	Mesa Verde	71.89 326	uP	P	11 22 35.7	+0.3
MVCO	Mesa Verde	71.89 326	uP	P	11 22 35.7	+0.3
112A	Yuma	71.92 319	uP	P	11 22 35.6	-0.2
V17A	Tonalea, Kykot	71.93 323	uP	P	11 22 36.2	+0.5
W16A	Flagstaff	71.95 322	uP	P	11 22 36.6	+0.7
Y14A	Wickenburg	71.97 321	uP	P	11 22 36.2	+0.1
U18A	Rough Rock, Ch	72.02 324	uP	P	11 22 36.7	+0.5
ECS5D	EROS Data Cent	72.05 337	eP	P	11 22 34.8	-1.5
WUAZ	Wupatki	72.17 323	uP	P	11 22 37.8	+0.6
X14A	Yava	72.28 321	uP	P	11 22 38.3	+0.5
R21A	Cimarron	72.29 327	uP	P	11 22 38.3	+0.5
Q22A	Crested Butte,	72.36 328	uP	P	11 22 38.7	+0.4
Y13A	Salome	72.36 320	uP	P	11 22 38.7	+0.3
W15A	Williams	72.43 322	uP	P	11 22 39.4	+0.7
GLA	Glamis	72.43 319	uP	P	11 22 38.9	+0.1
ISCO	Idaho Springs	72.47 329	eP	P	11 22 39.1	+0.2
ISCO	Idaho Springs	72.47 329	eP	P	11 22 39.1	+0.2
U16A	Tuba City	72.49 323	uP	P	11 22 39.6	+0.6
T18A	Mexican Hat	72.55 325	uP	P	11 22 39.5	+0.1
R20A	Redvale	72.57 327	uP	P	11 22 40.1	+0.6
U17A	Shonto	72.58 324	uP	P	11 22 40.2	+0.7
S19A	Harvey Farm, M	72.62 326	uP	P	11 22 40.0	+0.2
SMCO	Snowmass	72.63 328	eP	P	11 22 40.5	+0.7
Q21A	Lamborn Mesa,	72.66 327	uP	P	11 22 40.3	+0.3
Y12C	Blythe	72.73 320	uP	P	11 22 40.7	+0.1
V15A	Kalibab Nationa	72.84 322	uP	P	11 22 41.8	+0.7
X13A	Yucca	73.01 321	uP	P	11 22 41.8	+0.3
W14A	Seligman	72.92 321	uP	P	11 22 42.2	+0.6
DVTC	Desert V Tower	72.94 318	uP	P	11 22 42.0	+0.2
T17A	Navajo Res., N	72.95 324	uP	P	11 22 42.6	+0.9
SWSC	San W. Stewart	72.95 318	uP	P	11 22 42.1	+0.3
S18A	Hurst Farm, Bl	73.03 325	uP	P	11 22 42.8	+0.5
R19A	Cutley Farm, L	73.10 326	uP	P	11 22 42.6	0.0
Q20A	Ridgley Place,	73.11 327	uP	P	11 22 42.6	0.0
P21A	Newcastle	73.14 328	uP	P	11 22 43.4	+0.7
BC3	Big Chuck Mtn	73.23 319	uP	P	11 22 43.5	0.0
V14A	Boquillas Ranc	73.23 322	uP	P	11 22 44.3	+0.9
MONP	Monument Peak	73.30 318	uP	P	11 22 44.3	+0.4

4d 11h

NLU	North Lily Min	75.80 325 eP	P	11 22 59.1 +1.0
LRMC	Laurel Mount	75.81 319 fP	P	11 22 58.4 +0.1
M18A	Lyman	75.87 328 fP	P	11 22 58.3 -0.2
OSI	Osoito Adit	75.87 318 fP	P	11 22 58.6 +0.0
N17A	Moffit Pass	75.89 327 fP	P	11 22 59.3 +0.7
JLU	Jordanelle	75.95 326 eP	P	11 22 59.4 +0.4
JLU	Arvin	75.99 329 fP	eP	11 23 46.9 +2.7
K20A	Yellowstone Ra	75.99 329 fP	pP	11 22 58.9 -0.2
R12A	Pony Springs	75.99 323 fP	P	11 23 00.0 +0.8
FURC	Furnace Creek	75.99 320 fP	P	11 22 59.7 +0.4
L19A	Farson	76.04 329 fP	P	11 22 59.8 +0.3
P14A	Drum Mountains	76.06 325 fP	P	11 23 00.4 +0.8
MPMC	Manual Prospec	76.09 320 fP	P	11 23 00.0 +0.2
Q13A	Wheeler Ranch	76.11 324 fP	P	11 23 00.4 +0.5
S11A	Rache	76.15 322 fP	P	11 23 01.0 +0.8
N16A	Rees Ranch, Co	76.16 327 fP	P	11 23 00.6 +0.5
M17A	Scully Gap (B	76.20 327 fP	P	11 23 00.0 -0.4
L18A	Fontenelle, Gr	76.23 328 fP	P	11 23 00.7 +0.1
O15A	The Old Anders	76.24 325 fP	P	11 23 01.2 +0.5
ARVC	Arvin	76.28 318 fP	P	11 23 00.8 -0.1
K19A	Absolon Red Bu	76.35 329 fP	P	11 23 00.9 -0.3
DUG	Dugway	76.36 325 eP	pmax	11 23 01.5 +0.2
DUG	Dugway	76.36 325 fP	P	11 23 01.6 +0.3
DUG	Dugway	76.36 325 eP	P	11 23 01.5 +0.2
SBC	Santa Barbara	76.38 317 fP	P	11 23 01.7 +0.1
ISA	Isabella	76.41 319 eP	pmax	11 23 02.1 +0.4
ISA	Isabella	76.41 319 eP	pmax	11 23 02.0 +0.3
ISA	Isabella	76.41 319 eP	P	11 23 02.1 +0.4
P13A	Bates Ranch, G	76.47 324 fP	P	11 23 02.5 +0.6
R11A	Troy Canyon, C	76.55 322 fP	P	11 23 03.0 +0.6
Q12A	Willow Creek R	76.62 323 fP	P	11 23 03.2 +0.4
BW06	Boulder Array	76.64 329 fP	P	11 23 02.4 -0.4
BW06	Boulder Array	76.64 329 eP	P	11 23 02.1 -0.7
PDAR	Pinedale Array	76.64 329 eP	pP	11 23 55.9 +7.8
GRAC	Grapevine Rang	76.65 320 fP	pP	11 23 03.5 +0.5
CWC	Cottonwood Cre	76.69 319 fP	P	11 23 03.7 +0.4
N15A	Stansbury Isla	76.71 326 fP	P	11 23 03.2 0.0
PKM	Peak Mountain	76.74 317 fP	P	11 23 03.9 +0.3
HWUT	Hardware Ranch	76.75 327 eP	P	11 23 03.4 -0.1
K18A	Toltan Ranch	76.78 328 fP	P	11 23 04.1 +0.5
L17A	Cokeley	76.78 328 fP	P	11 23 03.4 -0.2
S10A	Tonopah Range	76.83 321 fP	P	11 23 04.4 +0.4
VES	Vestal, Richgr	76.90 318 fP	P	11 23 04.4 0.0
R10A	Warm Springs	76.92 322 fP	P	11 23 05.4 +1.0
O13A	Hicks Ranch, I	76.93 325 fP	P	11 23 04.9 +0.4
Q11A	Duckwater	76.94 323 fP	P	11 23 04.9 +0.4
P12A	McGill	76.96 324 fP	P	11 23 05.2 +0.5
L16A	Fish Haven	76.99 327 fP	P	11 23 04.7 -0.1
BGU	Big Grassy Mou	77.00 326 eP	P	11 23 04.6 -0.2
N14A	Grayback Hills	77.03 325 fP	P	11 23 05.0 -0.1
M15A	Larsen Ranch,	77.09 326 fP	P	11 23 05.3 -0.1
SMMC	Simmler	77.12 318 fP	P	11 23 06.2 +0.5
TIN	Tinemaha	77.19 320 fP	P	11 23 06.4 +0.4
J18A	Kendall Valley	77.20 329 fP	P	11 23 05.8 -0.1
Q10A	Gardner Place,	77.29 328 fP	P	11 23 06.4 0.0
G17A	Clear Creek Ra	77.34 322 fP	P	11 23 07.4 +0.6
AHID	Auburn Hatcher	77.39 328 eP	P	11 23 07.0 0.0
O12A	Currie	77.44 324 fP	P	11 23 07.5 +0.2
L15A	Malad City	77.46 327 fP	P	11 23 07.2 -0.2
I18A	Diamond G Ranc	77.48 329 fP	P	11 23 07.8 +0.4
P11A	Circle Ranch,	77.49 323 fP	P	11 23 08.1 +0.5
HVU	Hansel Valley	77.49 326 eP	pmax	11 23 07.8 +0.2
HVU	Hansel Valley	77.49 326 eP	P	11 23 07.8 +0.2
ULM	Lac du Bonnet	77.55 341 P	P	11 23 06.0 -1.6
N13A	Wendover, West	77.57 325 eP	P	11 23 07.9 -0.1
N13A	Wendover, West	77.57 325 eP	P	11 23 08.5 +0.5
M14A	Sheep Mountain	77.59 326 fP	P	11 23 08.0 -0.1
MTUM	Tungsten Hills	77.59 320 eP	P	11 23 08.9 +0.6
SCHO	Scheffler	77.63 360 P	P	11 23 07.0 -1.0
J17A	Brown Place, J	77.65 329 fP	P	11 23 08.7 +0.3
K16A	Soda Springs	77.68 328 fP	P	11 23 09.0 +0.5
REDW	Red Top Meadow	77.71 329 eP	P	11 23 09.0 +0.2
SNOW	Snow King Moun	77.74 329 eP	P	11 23 09.2 +0.3
LOHW	Long Hollow	77.78 329 eP	P	11 23 09.4 +0.3
O11A	Cowboy Ranch,	77.84 324 fP	P	11 23 09.9 +0.3
TPAW	Teton Pass	77.86 329 eP	P	11 23 09.8 +0.3
L14A	Malta	77.92 326 fP	P	11 23 09.7 -0.2
P10A	Eureka	77.93 323 fP	P	11 23 10.7 +0.7
RR12	Red Ridge	77.93 328 eP	P	11 23 10.3 +0.4
MLAC	Mammoth Lakes	77.94 320 fP	P	11 23 10.6 +0.5
I17A	Pilgrim Ck.	78.00 329 fP	P	11 23 11.1 +0.8
N12A	Clover Valley,	78.01 324 fP	P	11 23 10.3 -0.2
N12A	Clover Valley,	78.01 324 eP	P	11 23 10.7 +0.2
J16A	Bone	78.02 328 fP	P	11 23 10.5 +0.1
K15A	Arbon	78.03 327 fP	P	11 23 10.6 0.0
ELK	Elko	78.04 324 eP	P	11 23 10.7 +0.1

2008 APR

ELK	Elko	78.04 324 eP	P	11 23 10.7 +0.1
DCID1	Dread Meadow	78.05 328 eP	P	11 23 10.7 +0.1
IMW	Indian Meadow	78.16 329 eP	P	11 23 11.6 +0.4
NVAR	Mina Array Bea	78.16 321 P	P	11 23 11.3 -0.1
NVAR	Mina Array Bea	78.16 321 P	P	11 23 11.3 -0.1
LAO	LSA Array	78.22 333 eP	P	11 23 11.3 -0.2
K14A	James Ranch, D	78.26 327 fP	P	11 23 11.6 -0.2
RLMT	Red Lodge	78.31 331 fP	P	11 23 12.1 +0.1
RLMT	Red Lodge	78.31 331 eP	P	11 23 12.2 +0.2
L13A	Double Diamond	78.32 326 fP	P	11 23 12.5 +0.4
M12A	Wells	78.34 325 fP	P	11 23 12.3 0.0
N11A	Elko Archery C	78.36 324 fP	P	11 23 12.2 -0.2
H17A	Grant Village	78.36 329 fP	P	11 23 13.0 +0.7
I16A	Newdale	78.40 329 fP	P	11 23 12.9 +0.3
LKWY	Lake	78.41 330 eP	pmax	11 23 13.9 +1.4
LKWY	Lake	78.41 330 eP	pmax	11 23 13.9 +1.4
O10A	Cox Mining,	78.41 323 fP	P	11 23 12.8 +0.1
J15A	Blackfoot	78.51 328 fP	P	11 23 13.6 +0.4
YFT	Old Faithful	78.53 329 eP	P	11 23 14.7 +1.5
G18A	Lazy EL Ranch,	78.60 331 fP	P	11 23 13.4 -0.1
YNR	Norris Junctio	78.65 330 eP	P	11 23 15.7 +1.8
N10A	Dunlavy	78.71 324 fP	P	11 23 14.3 0.0
YMR	Madison River	78.75 329 eP	P	11 23 15.3 +0.8
K13A	Stover Farm, H	78.79 326 fP	P	11 23 14.9 +0.2
M11A	Holland Ranch,	78.82 324 fP	P	11 23 15.3 +0.4
DGMT	Dagmar	78.86 335 fP	P	11 23 14.8 -0.1
DGMT	Dagmar	78.86 335 eP	P	11 23 14.9 0.0
WAKR	Walker	78.87 320 eP	P	11 23 15.9 +0.6
H16A	Russe Farm, H	78.91 329 fP	P	11 23 15.8 +0.5
L12A	House Creek Ra	78.92 325 fP	P	11 23 15.9 +0.6
I15A	Monteviu	78.98 328 fP	P	11 23 16.5 +0.8
J14A	Carey	78.99 327 fP	P	11 23 16.4 +0.6
QLMT	Earthquake Lak	79.09 329 eP	P	11 23 17.0 +0.7
F18A	Shelby	79.12 331 fP	P	11 23 16.3 -0.1
CMB	Columbia Colle	79.13 319 eP	pmax	11 23 16.4 -0.2
CMB	Columbia Colle	79.13 319 eP	pmax	11 23 16.4 -0.2
G17A	Pierce Place,	79.14 330 fP	P	11 23 16.7 +0.2
K12A	Draper Farm, C	79.20 326 fP	P	11 23 17.5 +0.6
M10A	LL Ranch, Tu	79.29 324 fP	P	11 23 17.6 +0.2
L11A	Cat Creek Ranc	79.32 325 fP	P	11 23 18.0 +0.4
J13A	Cove Ranch, Pi	79.38 327 fP	P	11 23 18.4 +0.5
I14A	Mackay	79.40 327 fP	P	11 23 18.8 +0.8
H15A	Lim	79.51 328 fP	P	11 23 19.2 +0.6
F17A	Fitzpatrick Pi	79.54 330 fP	P	11 23 19.0 +0.4
G16A	Moss Hill, Emm	79.56 329 fP	P	11 23 18.9 +0.1
WCN	Washoe City	79.59 321 fP	P	11 23 19.6 +0.5
HLID	Hailey	79.62 327 fP	P	11 23 19.9 +0.7
HLID	Hailey	79.62 327 P	P	11 23 19.8 +0.7
L10A	Juniper Basin	79.64 325 fP	P	11 23 19.7 +0.5
PAHR	Pah Rah Range	79.64 321 eP	P	11 23 19.9 +0.5
E18A	Hartton	79.71 331 fP	P	11 23 19.3 -0.3
I13A	Wildhorse Cree	79.72 327 fP	P	11 23 20.5 +0.8
MCMT	McIntire Canyo	79.77 328 P	P	11 23 20.6 +0.7
BOZ	Boteman (W)	79.80 330 fP	P	11 23 19.5 -0.5
G15A	Dillon	79.84 329 fP	P	11 23 20.4 +0.1
H14A	Les	79.86 328 fP	P	11 23 20.9 +0.5
K11A	Parker Ranch,	79.89 325 fP	P	11 23 20.9 +0.3
F16A	Kennard Place,	79.90 330 fP	P	11 23 20.4 -0.2
DLMT	Dillon	80.04 329 eP	P	11 23 21.6 +0.3
E17A	Martinsdale	80.06 331 fP	P	11 23 21.5 +0.1
D18A	Linhart Farms,	80.14 332 fP	P	11 23 21.4 -0.5
I12A	Atlanta	80.15 327 fP	P	11 23 22.5 +0.5
MFID	Canas Ranch	80.24 326 fP	P	11 23 22.7 +0.2
H13A	Challis	80.26 328 fP	P	11 23 23.1 +0.6
BEKR	Beoworth	80.31 321 fP	P	11 23 23.0 0.0
LRM	Limekiln Ridge	80.31 329 eP	P	11 23 23.0 +0.2
K10A	MacKenzie Ranc	80.34 325 fP	P	11 23 23.0 0.0
F15A	Butte	80.34 329 fP	P	11 23 23.2 +0.2
G14A	Jackson	80.36 328 fP	P	11 23 23.2 +0.1
E16A	East Helena	80.48 330 fP	P	11 23 23.6 -0.1
D17A	Six Diamond Ra	80.50 331 fP	P	11 23 23.5 -0.3
H12A	Diamond D Ranc	80.55 327 fP	P	11 23 24.4 +0.4
N06A	Buffalo Meadow	80.59 322 fP	P	11 23 24.0 0.0
OHCN	Honcut	80.62 320 eP	P	11 23 24.8 +0.1
G13A	Cobalt	80.63 328 fP	P	11 23 25.2 +0.7
M07A	Soldier Meadow	80.64 323 fP	P	11 23 24.7 0.0
I11A	Placerville	80.65 326 fP	P	11 23 24.4 -0.2
HRV	Holter Researc	80.69 330 eP	P	11 23 24.8 0.0
BOSA	Hosof	80.69 117 P	P	11 23 25.2 -0.2
L08A	Fields	80.72 324 fP	P	11 23 24.8 -0.3
J10A	Berg Farm, Mel	80.73 325 fP	P	11 23 24.6 -0.5
F14A	Wisdom	80.74 329 fP	P	11 23 25.5 +0.6
EGMT	Eagleton	80.76 332 fP	P	11 23 24.3 -0.8
EGMT	Eagleton	80.76 332 eP	P	11 23 24.3 -0.8
D16A	Dan Ranch,	80.80 331 fP	P	11 23 25.6 +0.2
E15A	Deer Lodge	80.84 330 fP	P	11 23 25.6 0.0
C17A	Wharum Farm,	80.90 331 fP	P	11 23 25.2 -0.7
WVOR	Wild Horse Val	81.05 324 eP	P	11 23 26.3 -0.5

158

WVOR	Wild Horse Val	81.05 324 eP	P	11 23 26.3 -0.5
MORF	Marlette	81.05 43 eP	P	11 23 28.4 +1.4
B18A	Beardy Farm	81.06 332 fP	P	11 23 26.2 -0.5
MDT	Midlett	81.07 49 P	P	11 23 27.9 +0.7
PTEO	St Teotonio	81.16 43 eP	P	11 23 28.6 +1.1
L07A	Adel	81.16 323 fP	P	11 23 27.6 +0.2
K08A	Mann Creek Ran	81.17 324 fP		

Table with columns: Call Sign, Station Name, Frequency, Power, Azimuth, Elevation, and other technical details. Includes stations like B11A Sandpoint, C10A Spiker Farm, A12A Yaak River Ran, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Azimuth, Elevation, and other technical details. Includes stations like ASAJ Asahikawa, HABR Khabarovsk, MOY Monday, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Azimuth, Elevation, and other technical details. Includes stations like EJON, ESAC San Caprasio, EBIE Bielsa, etc.

ADC 04 11:27:00.1±0.6, 18.494N; 120.07E, h33km, 4km, mb3.8/12, mb1 4.0/12, mb1mx3.9/22, mbmp3.8/12, ML4.7/1, MS3.2/5, MS1 3.2/5, ms1mx3.0/35, Error ellipse: s-maj=37.4km, s-min=10.0km, az=65.0, mb4.2/19, Error ellipse: s-maj=12.9km s-min=7.4km az=171.5

MAN 04 11:27:01.1±0.8, 18.380N; 119.72E, h11km, mb4.5, ML3.4, MS3.3, NEIC 04 11:27:01.1±0.6, 18.313N; 119.55E, h35km, mb4.5/5, Error ellipse: s-maj=22.0km s-min=9.8km az=65.0, BUJ 04 11:27:05.3, 18.85N; 119.10E, h35km, mb4.0/4, mb4.3/7, ML3.9/1, MS3.6/6, MS7.3/4/6

ISC 04 11:27:02.1±0.8, 18.380N; 105.11972E±0.07, h49km, 9km, h34km, 11.3km, p-P, n51, c1915/55, mb4.2/19, MS3.3/4, LC-10, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details. Includes stations like SIPP Brgy. Tapao, PASUQ Pasuquin, ABRA Dolores, etc.

MOS 04 11:17:27.0±0.7, 49.94N; 159.22E, h21km, mb4.2/1, Error ellipse: s-maj=42.2km s-min=11.1km az=88.3, KRSC 04 11:17:33.1±0.1, 50.38N; 159.43E, h36km, 35km, ML4.0, East of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details. Includes stations like RUS Russkaya, SKR Severo-Kuril's, SKR Petropavlovsk, etc.

MAN 04 11:23:35, 10.08N; 125.94E, h16km, mb4.8, ML3.7, MS3.7, IC, Leyte

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details. Includes stations like SCPH Surigao, MSLS Maasin, GUTP Gutap, etc.

CSEM 04 11:23:41.0, 41.33N; 1.84E, h0km, ML1.6, Mining explosion. After MDD, Spain

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details. Includes stations like EPOB Poblet, EMIR Mirna, EMIR Borongan, etc.

4d 12h

Table with columns: ID, Name, Value, Unit, Direction, Status, Date, Time, etc. Includes entries like Y17A Roosevelt, X18A Snowflake, Z16A Peralt Trail, etc.

2008 APR

Table with columns: ID, Name, Value, Unit, Direction, Status, Date, Time, etc. Includes entries like PFO Pinyon Flat Ob, PFO Pinyon Flat Ob, PFO Pinyon Flat Ob, etc.

162

Table with columns: ID, Name, Value, Unit, Direction, Status, Date, Time, etc. Includes entries like BW06 Boulder Array, BW06 Boulder Array, PDAR Pinedale Array, etc.

BRVK	BRVK		e	pmax	pmax	13 40 21.3
BRVK	Borovoye	49.56 309	eP	P		13 39 00.8 +0.3
BRVK	Dease Lake	49.67 43	eP	P		13 40 21.3 0.0
DLBC	Taplejung	50.64 271	eP	P		13 39 10.2 +1.1
TAPN	Uthoi	50.64 271	eP	P		13 39 10.6 +1.6
ULHL	SNR=10	50.64 294	P	P		13 39 10.4 +0.7
TKM2	Tokmak 2	50.76 295	P	P		13 39 13.8 +0.9
ODAN	Odare	51.16 271	eP	P		13 39 14.6 +0.8
USP	Ospenovka	51.30 296	P	P		13 39 14.5 +0.7
KBK	Karagybulak	51.31 295	P	P		13 39 15.2 +0.5
BTM	Bintulu	51.39 292	P	P		13 39 16.0 +1.6
KZA	Kyzart	51.39 294	P	P		13 39 17.0 +1.2
JIRN	Jiri	51.54 273	eP	P		13 39 17.4 +1.3
AAK	Ala-Archa	51.61 295	eP	P		13 39 16.3 +0.2
AAK	Ala-Archa	51.61 295	eP	P		13 40 29.2
AAK	Ala-Archa	51.61 295	eP	P		13 39 16.9 +0.9
AAK	Ala-Archa	51.61 295	eP	P		13 40 29.2 +0.1
AAK	Ala-Archa	51.61 295	eP	P		13 39 17.5 +1.4
AAK	Ala-Archa	51.61 295	eP	P		13 39 17.5
GUN	Gumba	51.62 273	eP	P		13 39 17.3 +1.0
RAMN	Ramite	51.67 272	eP	P		13 39 17.5 +0.8
UCH	Uchtor	51.80 295	P	P		13 39 19.1 +1.7
EKS2	Erkin-Say	52.06 296	P	P		13 39 20.3 +0.9
KKN	Kakani	52.12 274	eP	P		13 39 20.9 +0.9
KKN	Kakani	52.12 274	eP	P		13 39 20.9 +0.9
PKI	Pulchoki	52.16 273	eP	P		13 39 21.2 +0.9
PKI	Pulchoki	52.16 273	eP	P		13 39 21.2 +0.9
DMN	Daman	52.35 273	eP	P		13 39 22.9 +1.1
AML	Almayusha	52.38 295	P	P		13 39 22.9 +1.2
GKN	Gorkha	52.45 274	eP	P		13 39 23.3 +0.8
SBUM	Sibu	52.48 228	P	P		13 39 23.7 +1.0
DANN	Dangsing	52.87 275	eP	P		13 39 27.1 +1.5
SVE	Sverdlouvs	53.03 317	eP	P		13 41 35.9 +0.5
SVE	Sve	53.03 317	eP	P		13 42 36.5
SVE	Sve	53.03 317	eP	P		13 47 12.7 +2.2
KOLN	Koldanda	53.33 275	eP	P		13 39 30.1 +1.1
KDI	Kendari	53.37 212	eP	P		13 39 29.6 +0.3
SOKR	Solikamsk	53.60 321	eP	P		13 39 40.9 +4.2
SOKR	Sokri	53.60 321	eP	P		13 39 31.5 +1.0
RES	Resolute Bay	54.04 17	eP	P		13 39 31.8 -1.7
RES	Resolute Bay	54.04 17	eP	P		13 40 37.5
RES	Resolute Bay	54.04 17	eP	P		13 39 31.8 -1.7
RES	Resolute Bay	54.04 17	eP	P		13 39 37.5 -0.2
RES	Resolute Bay	54.04 17	eP	P		13 39 34.3 -0.8
ARU	Arti	54.23 317	eP	P		13 39 34.4 -0.7
ARU	Arti	54.23 317	eP	P		13 39 51.1 -0.4
ARU	Arti	54.23 317	eP	P		13 41 36.1
ARU	Arti	54.23 317	eP	P		13 41 35.9 -0.5
ARU	Arti	54.23 317	eP	P		13 50 47.1 -2.2
ARU	Arti	54.23 317	eP	P		13 39 33.9 -1.3
KSM	Kuching	54.31 229	P	P		13 39 37.6 +1.4
PTH	Pithoragarh	54.69 279	eP	P		13 39 39.8 +0.9
LGTI	Lohaghat	54.73 278	eP	P		13 39 40.1 +1.0
YKA	Yellowknife Ar	54.80 34	P	P		13 39 39.0 -0.2
YKA	Yellowknife Ar	54.80 34	P	P		13 40 40.6 -0.2
YKA	Yellowknife Ar	54.80 34	P	P		13 44 32.8 -0.8
YKA	Yellowknife Ar	54.80 34	P	P		13 39 39.0 -0.2
YKA	Yellowknife Ar	54.80 34	P	P		13 40 40.6 -0.2
YKA	Yellowknife Ar	54.80 34	P	P		13 44 32.8 -0.8
DDI	Dehra Dun	55.76 281	eP	P		13 39 45.6 -2.1
SMLA	Simla	55.92 282	eP	P		13 39 48.0 -1.6
THN	Thein Dam	56.18 284	eP	P		13 39 56.3 +1.5
KULM	Kulim	56.90 241	P	P		13 39 56.3 -0.6
PRGR	Permogore	57.29 326	P	P		13 39 58.7 +1.2
PRGR	Permogore	57.29 326	P	P		13 39 56.2 -0.6
IPM	Iph	57.29 240	P	P		13 39 58.7 +1.2
NDI	New Delhi	57.32 280	eP	P		13 39 56.0 -1.6
AYAN	Aya Nagar	57.50 279	eP	P		13 39 59.0 0.0
AYAN	Ayan	57.50 279	eP	P		13 40 00.1
AKTK	Aktyubinsk	57.53 311	P	P		13 39 58.6 -0.1
AKTK	Aktyubinsk	57.53 311	P	P		13 40 51.2 -0.4
AKTK	Aktyubinsk	57.53 311	P	P		13 44 44.1 -1.7
AKTK	Aktyubinsk	57.53 311	P	P		13 39 58.6 -0.2
AKTK	Aktyubinsk	57.53 311	P	P		13 40 51.2 -0.4
AKTO	Akto	57.53 311	P	P		13 44 44.1 -1.7
AKTO	Akto	57.53 311	P	P		13 40 00.1
AKTO	Akto	57.53 311	P	P		13 39 58.6 -0.1
AKTO	Akto	57.53 311	P	P		13 40 51.2 -0.4
AKTO	Akto	57.53 311	P	P		13 44 44.1 -1.7
AKTO	Akto	57.53 311	P	P		13 40 00.1
AKTO	Akto	57.53 311	P	P		13 39 58.6 -0.1
AKTO	Akto	57.53 311	P	P		13 40 51.2 -0.4
AKTO	Akto	57.53 311	P	P		13 44 44.1 -1.7
AKTO	Akto	57.53 311	P	P		13 40 00.1
AKTO	Akto	57.53 311	P	P		13 39 58.6 -0.1
AKTO	Akto	57.53 311	P	P		13 40 51.2 -0.4
AKTO	Akto	57.53 311	P	P		13 44 44.1 -1.7
AKTO	Akto	57.53 311	P	P		13 40 00.1
AKTO	Akto	57.53 311	P	P		13 39 58.6 -0.1
AKTO	Akto	57.53 311	P	P		13 40 51.2 -0.4
AKTO	Akto	57.53 311	P	P		13 44 44.1 -1.7
AKTO	Akto	57.53 311	P	P		13 40 00.1
AKTO	Akto	57.53 311	P	P		13 39 58.6 -0.1
AKTO	Akto	57.53 311	P	P		13 40 51.2 -0.4
AKTO	Akto	57.53 311	P	P		13 44 44.1 -1.7
AKTO	Akto	57.53 311	P	P		13 40 00.1
AKTO	Akto	57.53 311	P	P		13 39 58.6 -0.1
AKTO	Akto	57.53 311	P	P		13 40 51.2 -0.4
AKTO	Akto	57.53 311	P	P		13 44 44.1 -1.7
AKTO	Akto	57.53 311	P	P		13 40 00.1
AKTO	Akto	57.53 311	P	P		13 39 58.6 -0.1
AKTO	Akto	57.53 311	P	P		13 40 51.2 -0.4
AKTO	Akto	57.53 311	P	P		13 44 44.1 -1.7
AKTO	Akto	57.53 311	P	P		13 40 00.1
AKTO	Akto	57.53 311	P	P		13 39 58.6 -0.1
AKTO	Akto	57.53 311	P	P		13 40 51.2 -0.4
AKTO	Akto	57.53 311	P	P		13 44 44.1 -1.7
AKTO	Akto	57.53 311	P	P		13 40 00.1
AKTO	Akto	57.53 311	P	P		13 39 58.6 -0.1
AKTO	Akto	57.53 311	P	P		13 40 51.2 -0.4
AKTO	Akto	57.53 311	P	P		13 44 44.1 -1.7
AKTO	Akto	57.53 311	P	P		13 40 00.1
AKTO	Akto	57.53 311	P	P		13 39 58.6 -0.1
AKTO	Akto	57.53 311	P	P		13 40 51.2 -0.4
AKTO	Akto	57.53 311	P	P		13 44 44.1 -1.7
AKTO	Akto	57.53 311	P	P		13 40 00.1
AKTO	Akto	57.53 311	P	P		13 39 58.6 -0.1
AKTO	Akto	57.53 311	P	P		13 40 51.2 -0.4
AKTO	Akto	57.53 311	P	P		13 44 44.1 -1.7
AKTO	Akto	57.53 311	P	P		13 40 00.1
AKTO	Akto	57.53 311	P	P		13 39 58.6 -0.1
AKTO	Akto	57.53 311	P	P		13 40 51.2 -0.4
AKTO	Akto	57.53 311	P	P		13 44 44.1 -1.7
AKTO	Akto	57.53 311	P	P		13 40 00.1
AKTO	Akto	57.53 311	P	P		13 39 58.6 -0.1
AKTO	Akto	57.53 311	P	P		13 40 51.2 -0.4
AKTO	Akto	57.53 311	P	P		13 44 44.1 -1.7
AKTO	Akto	57.53 311	P	P		13 40 00.1
AKTO	Akto	57.53 311	P	P		13 39 58.6 -0.1
AKTO	Akto	57.53 311	P	P		13 40 51.2 -0.4
AKTO	Akto	57.53 311	P	P		13 44 44.1 -1.7
AKTO	Akto	57.53 311	P	P		13 40 00.1
AKTO	Akto	57.53 311	P	P		13 39 58.6 -0.1
AKTO	Akto	57.53 311	P	P		13 40 51.2 -0.4
AKTO	Akto	57.53 311	P	P		13 44 44.1 -1.7
AKTO	Akto	57.53 311	P	P		13 40 00.1
AKTO	Akto	57.53 311	P	P		13 39 58.6 -0.1
AKTO	Akto	57.53 311	P	P		13 40 51.2 -0.4
AKTO	Akto	57.53 311	P	P		13 44 44.1 -1.7
AKTO	Akto	57.53 311	P	P		13 40 00.1
AKTO	Akto	57.53 311	P	P		13 39 58.6 -0.1
AKTO	Akto	57.53 311	P	P		13 40 51.2 -0.4
AKTO	Akto	57.53 311	P	P		13 44 44.1 -1.7
AKTO	Akto	57.53 311	P	P		13 40 00.1
AKTO	Akto	57.53 311	P	P		13 39 58.6 -0.1
AKTO	Akto	57.53 311	P	P		13 40 51.2 -0.4
AKTO	Akto	57.53 311	P	P		13 44 44.1 -1.7
AKTO	Akto	57.53 311	P	P		13 40 00.1
AKTO	Akto	57.53 311	P	P		13 39 58.6 -0.1
AKTO	Akto	57.53 311	P	P		13 40 51.2 -0.4
AKTO	Akto	57.53 311	P	P		13 44 44.1 -1.7
AKTO	Akto	57.53 311	P	P		13 40 00.1
AKTO	Akto	57.53 311	P	P		13 39 58.6 -0.1
AKTO	Akto	57.53 311	P	P		13 40 51.2 -0.4
AKTO	Akto	57.53 311	P	P		13 44 44.1 -1.7
AKTO	Akto	57.53 311	P	P		13 40 00.1
AKTO	Akto	57.53 311	P	P		13 39 58.6 -0.1
AKTO	Akto	57.53 311	P	P		13 40 51.2 -0.4
AKTO	Akto	57.53 311	P	P		13 44 44.1 -1.7
AKTO	Akto	57.53 311	P	P		13 40 00.1
AKTO	Akto	57.53 311	P	P		13 39 58.6 -0.1
AKTO	Akto	57.53 311	P	P		13 40 51.2 -0.4
AKTO	Akto	57.53 311	P	P		13 44 44.1 -1.7
AKTO	Akto	57.53 311	P	P		13 40 00.1
AKTO	Akto	57.53 311	P	P		13 39 58.6 -0.1
AKTO	Akto	57.53 311	P	P		13 40 51.2 -0.4
AKTO	Akto	57.53 311	P	P		13 44 44.1 -1.7
AKTO	Akto	57.53 311	P	P		13 40 00.1
AKTO	Akto	57.53 311	P	P		13 39 58.6 -0.1
AKTO	Akto	57.53 311	P	P		13 40 51.2 -0.4
AKTO	Akto	57.53 311	P	P		13 44 44.1 -1.7
AKTO	Akto	57.53 311	P	P		13 40 00.1
AKTO	Akto	57.53 311	P	P		13 39 58.6 -0.1
AKTO	Akto	57.53 311	P	P		13 40 51.2 -0.4
AKTO	Akto	57.53 311	P	P		13 44 44.1 -1.7
AKTO	Akto	57.53 311	P	P		13 40 00.1
AKTO	Akto	57.53 311	P	P		13 39 58.6 -0.1
AKTO	Akto	57.53 311	P	P		13 40 51.2 -0.4
AKTO	Akto	57.53 311	P	P		13 44 44.1 -1.7
AKTO	Akto	57.53 311	P	P		13 40 00.1
AKTO	Akto	57.53 311	P	P		13 39 58.6 -0.1
AKTO	Akto	57.53 311	P	P		13 40 51.2 -0.4
AKTO	Akto	57.53 311	P	P		13 44 44.1 -1.7
AKTO	Akto	57.53 311	P	P		13 40 00.1
AKTO	Akto	57.53 311	P	P		13 39 58.6 -0.1
AKTO	Akto	57.53 311	P	P		13 40 51.2 -0.4
AKTO	Akto	57.53 311				

4d 13h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like NWAQ Narrogin (SRO), BBS Basel-Blauen, OHR Ohrid, etc.

2008 APR

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like VVDA Vanda, DBIC Dimbokro, ATAH Atahualpa, etc.

170

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like BC3 baz=1.6, PFO Pinyon Flat Ob, etc.

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC	h m s	ISC
TWD	Chiawan	0.74 294	P	Pg	13 51 13.2	+1.1	
TWD	Shilin	0.83 273	P	Pg	13 51 22.4	+0.6	
ESL	Shilin	0.83 273	P	Pg	13 51 14.5	+0.7	
ESL	Nanau	0.85 320	P	Pg	13 51 15.2	+1.1	
ENA	Nanau	0.85 320	P	Pg	13 51 26.6	+1.5	
YOJ	Yonaguni jima	0.92 42	P	Sg	13 51 16.5	+1.1	
Y14	Yonaguni jima	0.92 42	P	Sg	13 51 27.0	+0.2	
TWC	Suao	0.94 332	eP	Pg	13 51 16.2	+0.2	
TWC	Suao	0.94 332	eP	Pg	13 51 28.3	+0.2	
EHY	Hungye	0.97 254	P	Pg	13 51 17.4	+0.8	
EHY	Hungye	0.97 254	P	Pg	13 51 29.9	+0.7	
TWF1	Yuli	1.05 246	eP	Pg	13 51 18.8	+0.8	
TWF1	Yuli	1.05 246	eP	Pg	13 51 32.4	+0.9	
WHF	Hehuan Shan	1.05 291	P	Pg	13 51 18.2	+0.2	
WHF	Hehuan Shan	1.05 291	P	Pg	13 51 31.0	-0.6	
NNS	Nan Shan	1.10 307	P	Pg	13 51 19.0	0.0	
NNS	Nan Shan	1.10 307	P	Pg	13 51 32.8	-0.5	
ENTT	Nioudou	1.11 321	eP	Pg	13 51 19.3	+0.1	
TWE	Neicheng	1.12 327	eP	Pg	13 51 19.5	+0.1	
TWE	Neicheng	1.12 327	eP	Pg	13 51 33.6	-0.3	
CHKT	Chengkung	1.12 233	eP	Pg	13 51 19.3	-0.1	
CHKT	Chengkung	1.12 233	eP	Pg	13 51 32.6	-1.4	
TWT	Tachien	1.17 294	eP	Pg	13 51 20.9	+0.7	
TWT	Tachien	1.17 294	eP	Pg	13 51 34.8	-0.5	
NSK	Sanguang	1.27 315	eP	Pg	13 51 21.4	-0.7	
NSK	Sanguang	1.27 315	eP	Pg	13 51 36.6	-2.0	
YUS	Yu-Shan	1.31 258	eP	Pg	13 51 23.2	+0.2	
YUS	Yu-Shan	1.31 258	eP	Pg	13 51 38.9	-1.0	
SMLT	Sun Moon Lake	1.32 275	eP	Pg	13 51 23.1	-0.2	
SMLT	Sun Moon Lake	1.32 275	eP	Pg	13 51 37.5	-3.0	
ELDTW	Lidau	1.35 244	eP	Pg	13 51 22.8	-1.0	
ELDTW	Lidau	1.35 244	eP	Pg	13 51 38.7	-2.5	
TYC	Yuchr	1.36 276	eP	Pn	13 51 24.2	+0.1	
HATJ	Hateruma jima	1.37 78	P	Pn	13 51 23.5	-0.7	
HATJ	Hateruma jima	1.37 78	P	Pn	13 51 40.7	-1.2	
TWA	Mucha	1.38 330	eP	Pg	13 51 24.2	-0.2	
NWF	Wu-fen Shan	1.38 338	eP	Pg	13 51 23.4	-1.0	
NWF	Wu-fen Shan	1.38 338	eP	Pg	13 51 43.3	+1.0	
IRIF	Iriomote-Funau	1.39 66	P	Pn	13 51 24.1	-0.3	
ALS	Alishan	1.43 260	eP	Pg	13 51 25.2	+0.1	
ALS	Alishan	1.43 260	eP	Pg	13 51 42.7	-1.2	
NSTT	Nanjuang	1.49 305	eP	Pn	13 51 25.8	0.0	
NSTT	Nanjuang	1.49 305	eP	Pn	13 51 44.0	-1.7	
TWG	Pinlang	1.51 231	eP	Pn	13 51 25.0	-1.1	
TWG	Pinlang	1.51 231	eP	Pn	13 51 43.4	-3.0	
CHNS	Tsauling	1.54 264	eP	Pn	13 51 27.1	+0.7	
CHNS	Tsauling	1.54 264	eP	Pn	13 51 46.6	-0.5	
TWQ1	Liyutan	1.54 292	eP	Pn	13 51 25.3	-1.2	
TWQ1	Liyutan	1.54 292	eP	Pn	13 51 46.8	-0.4	
TCU	Taichung	1.57 284	eP	Pn	13 51 47.7	-0.2	
NSY	Sanyi	1.58 294	eS	Pn	13 51 47.8	-0.3	
STYT	Tauyuan	1.58 247	eP	Pn	13 51 27.6	+0.6	
STYT	Tauyuan	1.58 247	eP	Pn	13 51 47.2	-1.0	
JKRS	Kuro-shima	1.59 73	eS	Pn	13 51 46.5	-2.0	
CHN4	Tsushan	1.68 255	eP	Pn	13 51 30.4	+2.2	
CHN4	Tsushan	1.68 255	eP	Pn	13 51 51.0	+0.9	
WTP	Ta-pu	1.67 252	eP	Pn	13 51 29.4	+1.1	
WTP	Ta-pu	1.67 252	eP	Pn	13 51 50.6	+0.2	
ECL	Taimali	1.74 228	eP	Pn	13 51 27.9	-1.3	
JJI	Ishigaki jima	1.75 70	P	Pn	13 51 30.5	+1.1	
CHN1	Nanshi	1.77 251	eP	Pn	13 51 31.4	+1.8	
CHN1	Nanshi	1.77 251	eP	Pn	13 51 53.6	+0.8	
TKW	Hsiuying	1.78 254	eP	Pn	13 51 31.0	+1.2	
TKW	Hsiuying	1.78 254	eP	Pn	13 51 53.5	+0.5	
SSD	Sandimen	1.88 237	eP	Pn	13 51 31.5	+0.3	
SSD	Sandimen	1.88 237	eP	Pn	13 51 55.4	-0.1	
LAY	Lan-yu	1.88 203	eP	Pn	13 51 30.3	-0.8	
EAST	Anshuo	1.96 225	eP	Pn	13 51 31.6	-0.6	
EAST	Anshuo	1.96 225	eP	Pn	13 51 58.4	+1.0	
SCZT	Fangliu	2.12 229	eP	Pn	13 51 36.7	+2.2	
SCZT	Fangliu	2.12 229	eP	Pn	13 52 02.3	+0.9	

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC	h m s	ISC
JLOS	JLOS	0.69 93	P	Pg	14 05 32.4	-0.3	
JLOS	JLOS	0.69 93	P	Pg	14 05 32.4	-0.3	
JLOS	JLOS	0.69 93	P	Pg	14 05 41.2	-0.5	
EIL	Eilat	0.92 13	Pg	Pg	14 05 35.8	-1.3	
EIL	Eilat	0.92 13	Pg	Pg	14 05 35.8	-1.3	
EIL	Eilat	0.92 13	Pg	Pg	14 05 49.5	+0.4	
MBRI	Mt Berech	1.04 10	Pg	Pg	14 05 38.1	-1.2	
MBRI	Mt Berech	1.04 10	Pg	Pg	14 05 53.9	+1.1	
HRFI	Mount Harif	1.29 13	Pn	Pn	14 05 42.1	-1.6	
HRFI	Mount Harif	1.29 13	Pn	Pn	14 05 42.1	-1.6	
HRFI	Mount Harif	1.29 13	Pn	Pn	14 06 01.0	-0.2	
KRMI	Paran Flat	1.34 1	Pn	Pn	14 05 43.4	-1.0	
KRMI	Paran Flat	1.34 1	Pn	Pn	14 06 02.8	+0.4	
KRMI	Paran Flat	1.34 1	Pn	Pn	14 05 43.4	-1.0	
KRMI	Paran Flat	1.34 1	Pn	Pn	14 06 02.8	+0.4	
KRMI	Paran Flat	1.34 1	Pn	Pn	14 05 43.4	-1.0	
KRMI	Paran Flat	1.34 1	Pn	Pn	14 06 02.8	+0.4	
PRNI	Paran	1.60 9	Pn	Pn	14 05 47.4	-0.5	
PRNI	Paran	1.60 9	Pn	Pn	14 06 10.5	+1.8	
PRNI	Paran	1.60 9	Pn	Pn	14 05 47.4	-0.5	
PRNI	Paran	1.60 9	Pn	Pn	14 06 10.5	+1.8	
PRNI	Paran	1.60 9	Pn	Pn	14 05 47.4	-0.5	
PRNI	Paran	1.60 9	Pn	Pn	14 06 10.5	+1.8	
TBKS	Tabuk	1.70 108	P	Pn	14 05 48.9	-0.5	
TBKS	Tabuk	1.70 108	P	Pn	14 05 48.9	-0.5	
RMNI	Mount Ramon	1.82 1	Pn	Pn	14 05 51.1	+0.1	
RMNI	Mount Ramon	1.82 1	Pn	Pn	14 05 51.1	+0.1	
RMNI	Mount Ramon	1.82 1	Pn	Pn	14 05 51.1	+0.1	
ZFRI	Zfiri	1.82 13	Pn	Pn	14 05 50.3	-0.7	
ZFRI	Zfiri	1.82 13	Pn	Pn	14 05 50.3	-0.7	
ZFRI	Zfiri	1.82 13	Pn	Pn	14 05 50.3	-0.7	
KZIT	Kziot	2.15 353	Pn	Pn	14 05 56.8	+1.3	
KZIT	Kziot	2.15 353	Pn	Pn	14 05 56.8	+1.3	
KZIT	Kziot	2.15 353	Pn	Pn	14 05 57.0	+0.2	
RTMI	Retamim	2.28 360	Pn	Pn	14 06 25.4	+3.1	
RTMI	Retamim	2.28 360	Pn	Pn	14 05 57.9	+0.6	
RTMI	Retamim	2.28 360	Pn	Pn	14 05 57.9	+0.6	
WJHS	Wajhs	2.52 143	P	Pn	14 05 59.9	-0.7	
WJHS	Wajhs	2.52 143	P	Pn	14 05 59.9	-0.7	
MZDA	Masada	2.59 12	Pn	Pn	14 06 00.9	-0.7	
MZDA	Masada	2.59 12	Pn	Pn	14 06 00.9	-0.7	
MZDA	Masada	2.59 12	Pn	Pn	14 06 00.9	-0.7	
YTR	Yatir	2.61 8	Pn	Pn	14 06 02.2	+0.4	
YTR	Yatir	2.61 8	Pn	Pn	14 06 02.2	+0.4	
YTR	Yatir	2.61 8	Pn	Pn	14 06 02.2	+0.4	
BIDS	Bi' al Bayda'	2.75 133	P	Pn	14 06 03.5	-0.3	
BIDS	Bi' al Bayda'	2.75 133	P	Pn	14 06 03.5	-0.3	
DSI	Dead Sea	2.85 12	Pn	Pn	14 06 04.9	-0.3	
DSI	Dead Sea	2.85 12	Pn	Pn	14 06 04.9	-0.3	
DSI	Dead Sea	2.85 12	Pn	Pn	14 06 04.9	-0.3	
HMDT	Nahal Hemdat	3.54 11	Pn	Pn	14 06 14.0	-0.7	
HMDT	Nahal Hemdat	3.54 11	Pn	Pn	14 06 14.0	-0.7	
HMDT	Nahal Hemdat	3.54 11	Pn	Pn	14 06 14.0	-0.7	
HMDT	Nahal Hemdat	3.54 11	Pn	Pn	14 06 14.0	-0.7	
HMDT	Nahal Hemdat	3.54 11	Pn	Pn	14 06 14.0	-0.7	
UMJS	Umm Lajj	4.22 146	P	Pn	14 06 23.2	-0.8	
UMJS	Umm Lajj	4.22 146	P	Pn	14 06 23.2	-0.8	
SHL	Shanhes	5.18 9	ePn	Pn	14 06 34.7	+3.9	
YNBS	Yanbu' al Bahr	5.30 146	P	Pn	14 06 39.3	+0.4	
YNBS	Yanbu' al Bahr	5.30 146	P	Pn	14 06 39.3	+0.4	
HWQ	Hawqa	5.59 11	ePn	Pg	14 06 40.0	-6.5	
YOB	Yob	5.69 140	P	Pn	14 06 44.7	+0.5	
YOB	Yob	5.69 140	P	Pn	14 06 44.7	+0.5	

ICD 04 14:07:00.1±1.8, 35°58'N-81°24'E, h0km, mb3.5/4, mb1.3/7, mb1mx3.6/23, mbtmp3.6/7, ML3.5/3, MS3.5/1, Ms1.3/5, ms1mx2.5/21, Error ellipse: s-maj=57.4km s-min=22.1km az=76.0
ISCJB 04 14:07:01.1±0.9, 35°58'N-81°24'E, h10km, mb3.3/4, Error ellipse: s-maj=12.9km s-min=7.4km az=39.7
NEIC 04 14:07:02.9±1.0, 35°74'N-81°57'E, h10km, mb3.3/2, Error ellipse: s-maj=20.3km s-min=12.5km az=48.0
BUI 04 14:07:04.2, 35°68'N-81°49'E, h2km, mb4.4/1, mb3.7/1, ML4.0/5, MS3.5/1
MOS 04 14:07:05.1±2.0, 35°90'N-81°70'E, h39km, mb3.9/1, Error ellipse: s-maj=29.9km s-min=10.9km az=93.3
NNC 04 14:07:07.1±9.6, 38°38'N-84°52'E, h0km, mb3.9, mpv3.6, Error ellipse: s-maj=84.4km s-min=58.5km az=126.0
ISC 04 14:07:03.1±0.8, 35°82'N-0°08'00"E, h10km, n26, e138/28, mb3.3/4, 5C-1D, Southern Xinjiang

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC	h m s	ISC
KSH	Kashi	6.04 309	eP	Pn	14 09 38.9	+2.5	
KSH	Kashi	6.04 309	eP	Pn	14 09 40.0	-1.5	
KSH	Kashi	6.04 309	eP	Pn	14 09 40.0	-1.5	
KSH	Kashi	6.04 309	eP	Pn	14 09 40.0	-1.5	
KSH	Kashi	6.04 309	eP	Pn	14 09 40.0	-1.5	
KSH	Kashi	6.04 309	eP	Pn	14 09 40.0	-1.5	
TKM2	Tokmak 2	8.65 327	↑Pn	Pn	14 09 07.0	-1.2	
TKM2	Tokmak 2	8.65 327	↑Pn	Pn	14 09 36.1	+28	
TKM2	Tokmak 2	8.65 327	↑Pn	Pn	14 11 27.0		
UCH	Uchter	8.65 320	ePn	Pn	14 09 05.4	-2.8	
UCH	Uchter	8.65 320	ePn	Pn	14 10 47.6	+1.9	
UCH	Uchter	8.65 320	ePn	Pn	14 11 40.2		
AML	Almayashu	9.03 317	ePn	Pn	14 09 13.2	-0.2	
AML	Almayashu	9.03 317	ePn	Pn	14 10 56.3	+1.3	
FRU	Bishkek	9.04 323	ePn	Pn	14 09 14.0	+0.5	
FRU	Bishkek	9.04 323	ePn	Pn	14 09 14.0	+0.5	
FRU	Bishkek	9.04 323	ePn	Pn	14 09 14.0	+0.5	
FRU	Bishkek	9.04 323	ePn	Pn	14 09 14.0	+0.5	
FRU	Bishkek	9.04 323	ePn	Pn	14 09 14.0	+0.5	
FRU	Bishkek	9.04 323	ePn	Pn	14 09 14.0	+0.5	
WMO	Urumqi	9.11 27	eP	Pn	14 09 27.0	+1.2	
EKS2	Zekir-Say	9.34 319	eP	Pn	14 09 15.1	-2.6	
EKS2	Zekir-Say	9.34 319	eP	Pn	14 09 15.1	-2.6	
EKS2	Zekir-Say	9.34 319	eP	Pn	14 09 15.1	-2.6	
EKS2	Zekir-Say	9.34 319	eP	Pn	14 09 15.1	-2.6	
EKS2	Zekir-Say	9.34					

mb1 4.2/10, mb1mx4.0/23, mbtmp4.1/10, ML4.4/2, MS3.7/6, Ms1 3.7/6, ms1mx3.2/32, Error ellipse: s-maj=24.8km s-min=21.3km az=62.0

NEIC 04 15:22:05.6, 0.7, 8.89S, 80.13W, h35km, Error ellipse: s-maj=19.9km s-min=12.1km az=69.0

ISC 04 15:22:01.2, 3.9, 8.92S, 0.06, 80.24W, 0.09, h6km, 25km, n17, c0.998/17, mb4.0/6, MS3.6/4, Off coast of northern Peru

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like ATAH, NNA, OTAV, LPAZ, LVC, SIV, SDV, TEIG, PDAR, YKA, DBIC, MDT, TORD, Vnda, ASAR, WRA.

NEIC 04 15:30:52.8, 16.43N, 100.04W, h5km, mb4.4/1, MD4.1(MEX), After MEX.

MEX 04 15:30:52.8, 0.6, 16.44N, 100.03W, h5km, 3km, MD4.1, Near coast of Guerrero

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like ACX, CAIG, MEIG, ZIIG, PNIG, UTMO, SZVM, PPM, VHO, OXX, HUIG, DEIG, LVIG, CMIG, PAYG.

ISC 04 15:35:57.5, 1.1, 24.93N, 122.61E, h0km, mb3.7/7, mb1 3.8/7, mb1mx3.7/21, mbtmp3.7/7, Error ellipse: s-maj=63.3km s-min=19.2km az=65.0

ISCJB 04 15:35:59.5, 0.5, 24.89N, 0.02, 122.44E, 0.02, h0km, 3km, mb3.6/8, Error ellipse: s-maj=3.7km s-min=2.5km az=10.4

NEIC 04 15:35:59.5, 0.8, 24.87N, 122.42E, h10km, MG3.5(JMA), Error ellipse: s-maj=12.1km s-min=9.3km az=104.0

NIED 04 15:36:00, 24.90N, 122.40E, h8km, Mw3.7 Best double couple: M4, 17000, 1014, NP1, 30, 00000, 852, 00000, lambda=116.00000, NP2, 288, 00000, 845, 00000, lambda=61.00000

TAP 04 15:36:01.0, 24.87N, 122.31E, h16km, ML4.0, C JMA 04 15:36:00.2, 0.1, 24.93N, 122.39E, h39km, ML3.5

ISC 04 15:35:59.2, 0.4, 24.85N, 0.02, 122.45E, 0.02, h0km, 2km, n78, c1.919/129, mb3.7/8, 2C-22, Taiwan region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like TWB1, TWC, YOJ, ILA, NWF.

Main table with columns: TWE, ENA, TWA, ENT, PCYT, TAP1, TWY, TATO, TWS1, YHNB, NSK, NACB, NNS, NNS, TWD, NCU, HWA, HWA, IRIF, WHF, TWT, NSTT, HSN, ESL, ESL, HATJ, JKRS, NSY, TWQ1, JJJ, EHY, SMLT, SSSLB, TSLB, TYC, YCU, YULB, TWFI, WNT, YUS, YUS, CHKT, CHKT, ALS, ALS, CHN5, WCK, ELDTW, ELDTW, CHN2, CHN4, TPUB, TPUB, STYT, CHY, CHY, WTP, WTP, WSF, TWG, TWG, TWG, TWG, TWG, TWK, TWK.

Table with columns: TTN, CHN1, CHN3, ECL, SSD, TWM1, EAST, LAY, LAY, PNG, SCZT, SCZT, TWP, TSEB, TWK1, GTA, GTA, SONM, MK31, MKAR, ZALV, WRA, BVAR, ASAR, YKA.

ISCJB 04 15:37:22.4, 2.0, 17.2S, 0.1, 174.5W, 0.1, h77km, 20km, mb4.2/15, Error ellipse: s-maj=17.0km s-min=16.1km az=178.1

NEIC 04 15:37:23.7, 1.1, 17.21S, 174.45W, h77km, 10km, mb4.1/7, Error ellipse: s-maj=10.7km s-min=8.3km az=127.0

ISC 04 15:37:24.3, 2.8, 17.27S, 174.38W, h81km, 26km, mb4.0/11, mb1 4.1/13, mb1mx3.9/21, mbtmp4.1/13, Error ellipse: s-maj=21.7km s-min=15.1km az=117.0

ISC 04 15:37:24.0, 1.7, 17.24S, 0.1, 174.4W, 0.1, h77km, 18km, n34, c0.62/28, mb4.2/15, Tonga Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like AFI, AFI, RAR, URZ, ARMA, CTAO, STKA, STKA, BBOO, WRAB, WRA, WRA, FITZ, SBA, Vnda, Vnda, ASAJ, QSPA, QSPA, PETK, PDAR, MAW, MAW, VNA3, VNA2, BVAR, ARCES, FINES, FINES, FINES, BRG, BRG, GERES, CHY, EHY, TWFI, TWFI, ESL, ESL, CHKT, CHKT, HWA.

4d 16h

Table with columns: TWD, Chiawan, 0.60 355 P, Pb, 15 41 48.5 -0.2, etc. Lists various station codes and their corresponding data points.

JMA 04 15:55:03.2-1.2, 25°01'N-122°49'E, h24km, M3.0, NEIC 04 15:55:03.2-1.2, 24°77'N-122°23'E, h10km, MG3.0(JMA), Error ellipse: s-maj=41.9km s-min=13.6km az=57.0

2008 APR

Table with columns: NWF, Wu-fen Shan, 0.51 297 P, Pg, 15 55 13.3 +1.6, etc. Lists various station codes and their corresponding data points.

NEIC 04 16:07:06.1, 2.2°02'N-98°96'E, h134km, 6km, mb3.7/2, Error ellipse: s-maj=30.5km s-min=11.0km az=57.0

174

Table with columns: SISI, Saiba, 3.23 178 P, Pn, 16 07 55.5 -0.4, etc. Lists various station codes and their corresponding data points.

MAN 04 16:09:32, 12°9'N-119°03'E, h68km, mb4.8, ML3.7, MS3.7, Philippine Islands region

JMA 04 16:24:39.8-0.3, 43°88'N-147°79'E, h7km, M3.5, Kuril Islands

MOS 04 16:27:21.6-1.6, 49°96'N-157°34'E, h5km, mb4.6/1, Error ellipse: s-maj=43.2km s-min=12.9km az=80.2

Table with columns: SKR, Severo-Kuril's, 1.07 313 P, Pn, 16 27 40.5 -2.7, etc. Lists various station codes and their corresponding data points.

ISCJB 04 16:36:06.0-0.7, 38°13'N-0°04'-38°56'E-0.04, h10km, Error ellipse: s-maj=5.9km s-min=4.9km az=5.3

Table with columns: MALT, Malatya, 0.20 330 P, Pn, 16 36 13.6 +0.5, etc. Lists various station codes and their corresponding data points.

ISCJB 04 16:43:27.4-1.5, 2°46'N-95°73'E, h0km, mb3.9/8, mb1.4/0.9, mb1mx3.8/22, mbtmp3.9, ML3.1/1, MS3.0/1, Ms1.3/0.1, ms1mx2.4/36, Error ellipse: s-maj=53.5km s-min=16.9km az=55.0

ISC 04 16:43:33.0,0.6,2.50N,0.07,95.80E,0.08,h35km,n34,
c1502/34,mb4.1/15,1C-1D,Off west coast of northern
Sumatera

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

Table with columns: TWD, Yuchr, Az, Phase, ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the event.

Table with columns: WRA, WRAB, WB2, WBS2, ASAR, STKA, STKA, MKAR. Lists various seismic stations and their recorded data for the event.

IDC 04 17:03:37.1,6.1,16.27N,100.11W,h0km,mb3.8/3,
mb1 4.0/5,mb1mx3.8/22,mbtmp3.6/5,ML3.4/2,MS3.4/1,
Ms1 3.4/1,ms1mx2.6/33,Error ellipse: s-maj=119.0km
s-min=28.0km az=18.0

ISCJB 04 17:03:39.2,0.8,16.38N,0.04,100.04W,0.03,h31km,5km,
mb3.4/3,Error ellipse: s-maj=6.3km s-min=3.7km az=19.8

MEX 04 17:03:40.9,0.6,16.40N,100.02W,h8km,3km,MD4.3,
NEIC 04 17:03:41.5,16.40N,100.03W,h12km,MD4.3(MEX),After
MEX.

ISC 04 17:03:40.1,0.9,16.40N,0.04,100.03W,0.03,h22km,g6km,
n46,-0.90/86,mb3.4/3,Near coast of Guerrero

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

ISCJB 04 16:47:56.9,0.3,23.14N,0.01,121.50E,0.02,h18km,4km,
Error ellipse: s-maj=3.3km s-min=2.3km az=22.8

NEIC 04 16:47:56.2,1.7,23.19N,121.46E,h19km,9km,Error
ellipse: s-maj=21.7km s-min=10.0km az=117.0

TAP 04 16:47:57.5,23.19N,121.38E,h20km,ML3.4,0.2

JMA 04 16:47:57.0,0.3,23.08N,121.50E,h64km,M2.7

ISC 04 16:47:56.9,0.3,23.15N,0.01,121.47E,0.02,h15km,2km,
n68,-1.91/123,8C-2D,Taiwan

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

Table with columns: TWD, Yuchr, Az, Phase, ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the event.

Table with columns: WRA, WRAB, WB2, WBS2, ASAR, STKA, STKA, MKAR. Lists various seismic stations and their recorded data for the event.

ISCJB 04 17:07:20.0,1.6,3.7S,0.4,40.4W,0.3,h10km,mb3.5/3,
Error ellipse: s-maj=68.2km s-min=19.3km az=27.9

IDC 04 17:09.8,1.4,3.72S,40.45W,h0km,mb3.6/2,mb1 3.8/3,
mb1mx3.5/23,mbtmp3.6/3,Error ellipse: s-maj=60.2km
s-min=36.7km az=4.0

NEIC 04 17:07:21.5,0.9,3.65S,40.42W,h10km,Error ellipse:
s-maj=42.2km s-min=15.9km az=207.0

NEIC Felt in the Alcantaras-Meruca-Sobral area.
ISC 04 17:07:21.9,1.7,3.85S,0.4,40.3W,0.2,h10km,n5,σ177/5,
mb3.5/3,Brazil

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

Table with columns: ICAO, Station Name, Az, El, Phase ID, Time, Res. Includes stations like WEL Wellington, NZO South Karori, NNZ Nelson, etc.

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

Table with columns: ICAO, Station Name, Az, El, Phase ID, Time, Res. Includes stations like SART, RKT, RKT, etc.

IDC 04 20:09:30.1=4.4,3.41N:127.46E, h0km, mb3.7/3, Error ellipse: s-maj=167.0km s-min=67.9km az=75.0, Talaud Islands

LDG 04 20:22.0=2.0, 1.47:75N:4:34W, h15km, Md3.0/3, M12.9/21, Error ellipse: s-maj=2.1km s-min=1.5km az=106.0

STR 04 20:22.05.0, 47:74N:4:11W, h5km, M12.7, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

CSEM 04 20:22.03.2, 0.3, 47.67N:4.24W, h15km, M12.9/21, Error ellipse: s-maj=4.4km s-min=3.0km az=90.0, France

ISCJB 04 19:26:54.0, 6.4, 44:19N:0.04:105:46W:0.07, h0km, Error ellipse: s-maj=6.9km s-min=5.3km az=169.4

NEIC 04 19:26:55.6, 0.6, 44:13N:105:45W, h0km, ML2.8, Error ellipse: s-maj=13.4km s-min=9.6km az=174.0, Suspected Mining explosion.

NEIC 20 km [10 miles] SSE of Gillette, IDC 04 19:26:56.3, 1.6, 44:11N:105:57W, h0km, mb1 3.4/4, mb1mx3.3/25, mbtmp3.1/4, ML2.8/3, Error ellipse: s-maj=44.6km s-min=8.7km az=145.0

ISC 04 19:26:55.8, 0.6, 44:16N:104:105:44W:0.06, h0km, n20, a144/26, Wyoming

ISC 04 19:34:29.9, 1.6, 12:97N:125:04E, h0km, mb3.5/6, mb1 3.6/6, mb1mx3.5/19, mbtmp3.5/6, Error ellipse: s-maj=156.8km s-min=18.0km az=68.0

ISCJB 04 19:34:31.8, 1.8, 13:10N:102:06:125:18E:0:08, h23km, 13km, mb3.5/5, Error ellipse: s-maj=13.9km s-min=9.9km az=168.9

MAN 04 19:34:32, 13:10N:125:04E, h8km, mb5.1, ML4.0, MS4.2, ISC 04 19:34:31.1=1.6, 13:10N:105:125:16E:0:08, h4km, 9km, n19, a096/23, mb3.5/5, 1D, Philippine Islands region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like OCLP, MSLP, LPP, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like FUNV, CAPV, SOCV, etc.

ATH 04 18:59:51.0, 38:19N:26:80E, h28km, 11km, MD2.9/4, ISCJB 04 18:59:52.3, 0.6, 38:17N:0:03:26:68E:0:06, h2km, 6km, Error ellipse: s-maj=8.2km s-min=4.2km az=157.5

CSEM 04 18:59:52.0, 2.0, 38:16N:26:68E, h20km, MD2.9, Error ellipse: s-maj=5.6km s-min=2.7km az=68.0

DDA 04 18:59:52.1, 38:19N:26:80E, h7km, 3km, Md3.0, ISC 04 18:59:51.8, 0.6, 38:20N:0:03:26:72E:0:05, h13km, 4km, n23, a0563/42, 2D, Aegean Sea

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

ISC 04 19:34:31.1=1.6, 13:10N:105:125:16E:0:08, h4km, 9km, n19, a096/23, mb3.5/5, 1D, Philippine Islands region

ISC 04 19:34:31.1=1.6, 13:10N:105:125:16E:0:08, h4km, 9km, n19, a096/23, mb3.5/5, 1D, Philippine Islands region

ISC 04 19:34:31.1=1.6, 13:10N:105:125:16E:0:08, h4km, 9km, n19, a096/23, mb3.5/5, 1D, Philippine Islands region

ISC 04 19:34:31.1=1.6, 13:10N:105:125:16E:0:08, h4km, 9km, n19, a096/23, mb3.5/5, 1D, Philippine Islands region

ISC 04 19:34:31.1=1.6, 13:10N:105:125:16E:0:08, h4km, 9km, n19, a096/23, mb3.5/5, 1D, Philippine Islands region

ISC 04 19:34:31.1=1.6, 13:10N:105:125:16E:0:08, h4km, 9km, n19, a096/23, mb3.5/5, 1D, Philippine Islands region

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

WRA Warramunga Arr 24.17 164 P 20 22 14.9 +0.7

ASAR Alice Springs 27.64 167 P 20 25 19.9 +0.3

STKA Stephens Creek 37.58 160 P 20 16 45.6 -0.8

LDG 04 20:22.0=2.0, 1.47:75N:4:34W, h15km, Md3.0/3, M12.9/21, Error ellipse: s-maj=2.1km s-min=1.5km az=106.0

STR 04 20:22.05.0, 47:74N:4:11W, h5km, M12.7, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

CSEM 04 20:22.03.2, 0.3, 47.67N:4.24W, h15km, M12.9/21, Error ellipse: s-maj=4.4km s-min=3.0km az=90.0, France

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

4d 21h

Table with columns: URZ, Urewera, 85.21 129 LR, LR, 21 20 01.5, etc. Includes various station codes and coordinates.

KRSC 04 20:37:01.7.0.3.56.04N.163.40E, h5km, 5km, ML3.7, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like Krutoberegovo, Semkarok, Baidarnaya, etc.

LDG 04 21:10:36.4.0.2.20.04S:169.77E, h10km, Mb4.6/2, Error ellipse: s-maj=37.2km s-min=19.6km az=33.0

SZGRF 04 21:10:40.9.20.20S:169.96E, h33km, Vanuatu Islands ISCBJ 04 21:10:42.5.1.4.20.76S:0.09:169.51E:10.07, h65km, 12km, mb4.2/19, Error ellipse: s-maj=14.8km s-min=0.5km az=173.9

NOU 04 21:10:43.4.0.6.20.08S:169.02E, h10km, MD2.9, ML4.3 BUJ 04 21:10:43.4.20.70S:169.50E, h84km, Mb4.9, mb2.4/4 IDC 04 21:10:43.6.0.7.20.70S:169.50E, h64km, mb3.9/11, mb1.4/1.3, mb1mx4.1, mb1mx4.0, h13, MS3.4/4, Ms1.3/4.4, ms1mx3.1/21, Error ellipse: s-maj=19.4km s-min=15.7km az=149.0

NEIC 04 21:10:45.4.1.8.20.71S:169.55E, h85km, 15km, mb4.1/9, Error ellipse: s-maj=15.1km s-min=10.3km az=185.0 ISC 04 21:10:43.4.1.3.20.75S:0.09:169.55E:0.07, h63km, 11km, n61km, 6km, pP-P, n121, e083/42, mb4.3/19, MS3.4/3, 6C-5D, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like Mont Dore, Mont Dzumac, etc.

2008 APR

Main table with columns: DZM, eLR, LR, 21 22 07.2, etc. Lists various stations and their coordinates.

180

Table with columns: KBA, Koelnbreinsper, 147.40 329, etc. Lists stations like Wattenberg, MOTA, etc.

ISCJB 04 21:18:17.1.0.7.40.64N:0.03:20.57E:0.05, h10km, Error ellipse: s-maj=6.3km s-min=4.0km az=31.8

TIR 04 21:18:17.0.3.40.54N:20.60E, h20km, CSEM 04 21:18:18.0.5.0.40.61N:20.95E, h2km, MD3.1, Error ellipse: s-maj=13.3km s-min=9.5km az=78.0

ATH 04 21:18:18.0.40.60N:20.95E, h5km, MD3.1/4 SKO 04 21:18:18.3.40.65N:20.57E, h7km ISC 04 21:18:17.9.0.7.40.63N:0.03:20.57E:0.05, h10km, n22, e088/31, Greece-Albania border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like Korca, Florina, Bitola, etc.

NIED 04 21:19:00.22:20N:121:20E, h59km, Mw3.8 Best double couple: M6.61000:1014 NP1:22.00000:0.878,00000, lambda=166.00000, NP2:22.11900000:0.877,00000, lambda=12.00000

ISCJB 04 21:19:25.3.0.5.22:04N:103:121.26E:0.02, h20km, 4km, Error ellipse: s-maj=4.4km s-min=3.6km az=12.3

NEIC 04 21:19:25.4.6.2.22:16N:121:39E, h10km, MG3.9, JMA 04 21:19:26.0.5.22:21N:121:24E, h6 km, M3.9 ISC 04 21:19:26.0.5.22:07N:103:121.21E:0.02, h16km, 3km, n74, e098/133, 5C-12D, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like Lan-yu, Hengchun, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like EAST Anshuo, EAST Taimali, SCZT Fangliu, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NSTT baz=356, ENTT Nioudou, YHNB Yeheng, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like eastern Honshu, JHO Hitachi, JHO ONAJ, etc.

Table with columns: FINES, FINESSE Array B, 69.25 332, P, Pmax, 22.44 42.1 -1.5. Includes various station codes like MK31, KURK, KURKB, etc.

NNC 04 22:48:13.4:3.5:0.02N:87.64E, h0km, mb3.7, mpv3.3, 6C-1D. Error ellipse: s-maj=5.9km s-min=1.4km az=67.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like MK31, KURK, KURKB, etc.

ISCJB 04 22:49:47.0:0.5:0.01N:0.04:34.77E:0.04, h11km,3km, Error ellipse: s-maj=5.9km s-min=1.4km az=4.2. CSEM 04 22:49:46.9:0.2:40.60N:34.79E, h8km, MD2.8, Error ellipse: s-maj=4.0km s-min=3.3km az=174.0. DDA 04 22:49:46.3:40.55N:34.80E, h12km,2km, MD2.8. ISK 04 22:49:46.2:40.60N:34.82E, h4km, MD2.8. ISC 04 22:49:47.1:0.5:0.01N:0.03:34.77E:0.04, h10km,4km, n27, c083/38, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like CTKT, CORM, TOS, CANT, ILGA, CDAG, ELDT, etc.

WEL 04 22:52:53.7:0.5:38.27S*175.83E, h164km,3km, ML3.5/13, 1C-1D. Error ellipse: s-maj=3.6km s-min=3.0km az=0.0, North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like TWZ, FWZ, URZ, BKZ, etc.

Table with columns: KHZ, Kahutara, 4.50 202, AML, AML, 22.54 08.8. Includes various station codes like BIPH, WRAB, WB2, etc.

ISCJB 04 23:10:14.7:0.1:47.0:12N:0.03:42.15E:0.04, h1km,6km, Error ellipse: s-maj=5.2km s-min=4.1km az=26.0. CSEM 04 23:10:14.9:0.1:40.11N:42.12E, h2km, MD3.1, Error ellipse: s-maj=1.9km s-min=1.8km az=28.0. DDA 04 23:10:14.8:40.11N:42.12E, h5km,2km, MD3.1. ISK 04 23:10:15.1:40.33N:42.14E, h10km, MD3.1. ISC 04 23:10:15.3:0.6:40.11N:0.03:42.15E:0.04, h4km,6km, n39, c077/52, Turkey

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

IPEC 04 23:13:21.3:2.1:0.2:49.99N:18.60E, h5km,1km, ML1.9/4, Error ellipse: s-maj=2.0km s-min=1.1km az=163.0. CSEM 04 23:13:21.2:0.2:49.99N:18.53E, h2km, ML2.9/6, Error ellipse: s-maj=4.2km s-min=2.6km az=10.0. PRU 04 23:13:22.0:50.00N:18.50E, h0km. WAR 04 23:13:21.9:49.97N:18.57E, ML2.4, Mining Induced, Czech and Slovak Republics

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

Table with columns: UPC, Upeice, 1.73 289, ePg, Pg, 23.13 52.6 -2.4. Includes various station codes like UPIC, STHS, PRU, etc.

DDA 04 23:15:19.5:39.33N:33.15E, h8km,3km, MD3.4. ISK 04 23:15:19.5:39.33N:33.14E, h5km, MD3.4. ISCJB 04 23:15:20.9:0.3:39.33N:0.02:33.13E:0.03, h10km, Error ellipse: s-maj=3.6km s-min=2.9km az=152.7. CSEM 04 23:15:20.8:0.1:39.33N:33.13E, h2km, MD3.4, Error ellipse: s-maj=2.0km s-min=1.3km az=150.0. ISC 04 23:15:21.5:0.3:39.35N:0.02:33.13E:0.03, h10km, n79, c189/95, Turkey

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

MDD 04 23:53:18.6:3.1:43.04N:13.61W, h0km, mb3.8/3, Error ellipse: s-maj=26.9km s-min=19.0km az=74.0, PRIMO

NEIC 04 23:53:19.0, 43.07N, 13.56W, h0km, MG3.8(MDD), After MDD

CSEM 04 23:53:21.3, 0.7, 42.92N, 13.34W, h10km, mb3.8/3, Error ellipse: s-maj=13.2km s-min=8.4km az=66.0

ISC 04 23:53:20.5, 1.8, 42.88N, 0.06:13.4W, 0.1, h10km, n48, s=1504/68, North Atlantic Ocean

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time, Res, ISC. Lists stations like MAZARICOS, SANTAGO, CABRIL, etc.

Table with columns: SMG, Station Name, Δ° AZ, Phase ID, Time, Res, ISC. Lists stations like SAMOS, ANOYIA, BUCAK, etc.

CSEM 05 00:00:02.0, 37.18N, 24.45W, h10km, ML2.9, After PDA PDA 05 00:00:02.0, 0.7, 37.18N, 24.45W, h10km, MD3.7, ML2.9, Error ellipse: s-maj=6.4km s-min=3.7km az=97.0

Azores Islands region

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time, Res, ISC. Lists stations like PICO DO NORTE, SANTA MARIA, CHA DA MACELA, etc.

ISCJB 05 00:10:45.5, 3.2, 53.4N, 0.1, 160.8W, 0.1, h3km, 23km, mb3.4/4, Error ellipse: s-maj=19.6km s-min=10.3km az=4.5

ISC 05 00:10:46.6, 1.8, 53.32N, 160.99W, h0km, mb3.5/4, Error ellipse: s-maj=15.3km s-min=22.9km az=170.0

NEIC 05 00:10:48.1, 53.36N, 161.02W, h10km, ML3.1(PMR), ML3.2(AEIC), After AIC

ISC 05 00:10:47.3, 3.7, 53.4N, 0.1, 160.87W, 0.1, h3km, 26km, n13, s=0560/16, mb3.4/4, South of Alaska

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time, Res, ISC. Lists stations like SAND POINT, FALSE PASS, AKUT, etc.

Table with columns: VLS, Station Name, Δ° AZ, Phase ID, Time, Res, ISC. Lists stations like VALSAMATA, LOUTRAKI, KARANOS, etc.

ISC 05 00:00:02.0, 37.18N, 24.45W, h10km, ML2.9, After PDA PDA 05 00:00:02.0, 0.7, 37.18N, 24.45W, h10km, MD3.7, ML2.9, Error ellipse: s-maj=6.4km s-min=3.7km az=97.0

Azores Islands region

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time, Res, ISC. Lists stations like XORICHITI, LAST, LITOKHORON, etc.

ISCJB 05 00:10:45.5, 3.2, 53.4N, 0.1, 160.8W, 0.1, h3km, 23km, mb3.4/4, Error ellipse: s-maj=19.6km s-min=10.3km az=4.5

ISC 05 00:10:46.6, 1.8, 53.32N, 160.99W, h0km, mb3.5/4, Error ellipse: s-maj=15.3km s-min=22.9km az=170.0

NEIC 05 00:10:48.1, 53.36N, 161.02W, h10km, ML3.1(PMR), ML3.2(AEIC), After AIC

ISC 05 00:10:47.3, 3.7, 53.4N, 0.1, 160.87W, 0.1, h3km, 26km, n13, s=0560/16, mb3.4/4, South of Alaska

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time, Res, ISC. Lists stations like SDPT, FALS, AKUT, etc.

ATH 05 00:16:23.0, 36.13N, 21.44E, h11km, 3km, MD3.7/10, ML3.2

ISC 05 00:16:24.2, 3.4, 36.16N, 21.81E, h0km, mb3.7/5, Error ellipse: s-maj=7.7km s-min=24.1km az=40.0

NEIC 05 00:16:25.1, 1.4, 36.15N, 21.51E, h10km, ML3.0(ATH), Error ellipse: s-maj=18.2km s-min=10.4km az=208.0

CSEM 05 00:16:26.0, 4.3, 36.29N, 21.60E, h8km, ML3.6/5, Error ellipse: s-maj=9.7km s-min=5.6km az=47.0

THE 05 00:16:27.9, 36.42N, 21.52E, h8km, ML3.6/5, Error ellipse: s-maj=1.4km s-min=1.1km az=243.0

BE0 05 00:17.0, 4.7, 1.38, 99N, 20.72E, h0km, ML2.9/2

ISC 05 00:16:26.1, 0.9, 36.24N, 0.03:21.43E, 0.05, h19km, 5km, n103, s=1528/131, mb3.6/5, 2D, Southern Greece

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time, Res, ISC. Lists stations like PYL, ITHOMI, KYTH, etc.

ISK 04 23:58:46.2, 35.66N, 28.16E, h2km, MD3.5

ATH 04 23:58:46.4, 35.51N, 28.22E, h2km, 5km, MD3.4/6

CSEM 04 23:58:49.3, 0.4, 35.52N, 28.13E, h10km, MD3.4, Error ellipse: s-maj=10.4km s-min=5.9km az=159.0, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time, Res, ISC. Lists stations like ARG, KARPATHOS, DALYAN, etc.

DJA 05 00:28:29.2, 90S, 119.90E, h10km, MLV3.3/5, 1D, Sulawesi

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time, Res, ISC. Lists stations like TTSI, PCI, APSI, etc.

ISC 05 00:30:12.9, 1.8, 6.50S, 129.59E, h0km, mb3.6/2, mb1.3/4, mb1mx3.5/22, mbtmp3.7/4, ML4.1/2, MS4.3/1, Ms1.4.3/1, ms1mx2.9/16, Error ellipse: s-maj=122.6km s-min=28.9km az=69.0

NEIC 05 00:30:26.6, 3.5, 6.94S, 129.51E, h126km, 37km, mb3.7/2, Error ellipse: s-maj=27.8km s-min=20.9km az=158.0

ISCJB 05 00:30:31.0, 2.0, 7.25S, 0.1, 129.75E, 0.10, h203km, 23km, mb3.2/2, Error ellipse: s-maj=19.3km s-min=13.3km az=4.5

ISC 05 00:30:30.1, 1.7, 7.35S, 0.1, 129.8E, 0.2, h169km, 16km, n10, s=1859/15, mb3.3/2, Banda Sea

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time, Res, ISC. Lists stations like KAKA, FITZ, WRAB, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DUVWZ, QWZ, NNZ, etc.

WEL 05 03:58:42.8 0.1, 40.82Sx174.90E, h38km, 1km, ML3.5/19, 9C-5D, Error ellipse: s-maj=0.9km s-min=0.6km az=90.0, Cook Strait

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KIW, CGWZ, CAW, etc.

Table with columns: PXZ, VREZ, DRZ, etc. Includes station names like Vera Road, Durham Road, Ngauruhoe, etc.

IDC 05 04:01:16.4 3.6, 5.80S:150.70E, h0km, mb3.8/2, mb1 4.1/2, mb1mx3.6/13, mb2mp3.9/2, Error ellipse: s-maj=154.9km s-min=45.0km az=119.0, New Britain region

Table with columns: WRA, ASAR, TORO. Includes station names like Warramunga Arr, Alice Springs, Torodi Ar. Bea, etc.

IDC 05 04:03:07.2 4.4, 39.48N:66.79E, h0km, mb3.3/1, mb1 3.4/3, mb1mx3.2/24, mb2mp3.4/3, ML3.0/1, 1C, Error ellipse: s-maj=205.3km s-min=24.7km az=151.0, Southeastern Uzbekistan

Table with columns: KK31, MKAR, ZALV, TORO. Includes station names like Karatay Array, Makanchi Array, Zalesovo Beam, etc.

ISC/JB 05 04:33:01.8 0.9, 37.56N:0.03:20.89E, h2km, 6km, Error ellipse: s-maj=8.0km s-min=3.6km az=145.1, CSEM 05 04:33:02.9 0.3, 37.60N:20.95E, h2km, ML2.9, Error ellipse: s-maj=7.2km s-min=3.4km az=62.0, THE 05 04:33:03.0, 37.58N:20.93E, h2km, ML3.6/7, Error ellipse: s-maj=1.2km s-min=0.6km az=224.0, NEIC 05 04:33:04.3, 37.66N:21.04E, h20km, ML2.9(ATH), After ATH, ATH 05 04:33:04.3, 37.66N:21.04E, h20km, 1km, ML2.9, ISC 05 04:33:02.6 0.8, 37.55N:0.03:20.90E, h6km, 4km, m69, r105/98, Ionian Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like VLS, RLS, ITM, etc.

Table with columns: XOR, LIT, FNA, etc. Includes station names like Litokhoron, Florina, Polygros, etc.

IDC 05 04:40:50.8 4.3, 6.62S:127.60E, h427km, 71km, mb3.4/1, mb1 3.5/3, mb1mx3.0/14, mb2mp3.3/3, Error ellipse: s-maj=119.4km s-min=63.1km az=83.0, Banda Sea

Table with columns: WRA, ASAR, STAR, ASKA. Includes station names like Warramunga Arr, Alice Springs, Stephens Creek, etc.

ISC/JB 05 04:56:17.5 0.8, 21.51S:0.05:69.17W, 0.2, h103km, 8km, mb3.3/2, Error ellipse: s-maj=24.1km s-min=8.1km, az=170.5, GUC 05 04:56:17.7 0.8, 21.51S:69.02W, h92km, 6km, ML3.5, IDC 05 04:56:19.1 1.1, 21.72S:68.82W, h113km, 13km, mb3.3/2, mb1 3.3/3, mb1mx3.1/6, mb2mp3.1/3, Error ellipse: s-maj=43.4km s-min=24.8km az=87.0, ISC 05 04:56:18.1 0.8, 21.49S:0.06:69.00W, 0.2, h98km, 9km, n11, c0563/18, mb3.3/2, 3C-1D, Northern Chile

Table with columns: PB01, PB04, PB04, etc. Includes station names like Plate Boundary, Maria Elena, Limon Verde, etc.

NEIC 05 05:17:26.0, 35.82N:34.60E, h11km, MD3.6(ISK), ML3.5(NIC), After ISK, CSEM 05 05:17:26.7 0.1, 35.76N:34.63E, h8km, Mw3.1, Error ellipse: s-maj=3.2km s-min=2.3km az=129.0, ISK 05 05:17:27.2, 35.85N:34.61E, h15km, ML3.0, NIC 05 05:17:30.7 0.2, 35.48N:34.23E, h60km, ML3.5, MW3.1, CHL 05 05:17:30.9 0.0, 35.69N:34.76E, h3km, Md2.5/10, GRA 05 05:17:33.0 0.5, 35.36N:34.75E, h13km, Md3.6, DDA 05 05:17:34.4, 36.28N:34.96E, h25km, 3km, Md3.6, HLW 05 05:17:37.3, 35.20N:34.12E, h33km, Mb3.2, ISC 05 05:17:27.6 0.6, 35.73N:0.02:34.64E, 0.03, h16km, 5km, n110, c0889/142, 4D, Cyprus region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like EREN, PHNC, LFK, etc.

5d 7h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ANDN Andirin, RCY Rachaya, GAZ Gaziantep, etc.

IDC 05 05:53:51.0-43.0, 16.82S-171.39W, h0km, mb4.1/3, mb1 3.6/7, mb1mx3.7/17, mbtmp4.1/3, Error ellipse: s-maj=842.1km s-min=188.6km az=81.0, Samoa Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like STKA Stephens Creek, WRA Waramungarra Arr, ASAR Alice Springs.

DJA 05 05:59:25, 2.37S-136.93E, h10km, MLV3.8/4, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BAKI Biak, SMP1 Sarmi, TLE Tual, SWI Sorong.

IDC 05 06:16:09.9-2.7, 13.17N-89.95W, h82km, 25km, mb3.3/4, mb1 3.6/7, mb1mx3.4/23, mbtmp3.4/7, MS2.9/1, Ms1 2.9/1, ms1mx2.3/23, Error ellipse: s-maj=47.5km s-min=24.7km az=31.0, El Salvador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like JTS JuntasAbangare, CMIG Matias Romero, TEIG Tepich, TXAR Lajitas Array, NVAR Mina Array Bea, SCHQ Schefferville, YKA Yellowknife Arr.

MEX 05 06:27:40.6-0.9, 18.160N-101.42W, h47km, 24km, MD3.8, Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ZIG Zihuatanejo, MOIG Morelia, MMIG Aquila, SZVM Salazar, etc.

ISCJB 05 06:27:47.3-0.3, 17.90N-0.03-97.88W, 0.02, h67km, 4km, mb3.7/9, Error ellipse: s-maj=5.2km s-min=3.3km az=28.7, NEIC 05 06:27:50.1, 17.90N-97.90W, h56km, mb3.9/9, MD4.1 (MEX), After MEX.

MEX 05 06:27:50.3-0.9, 17.90N-97.91W, h54km, 5km, MD4.1, IDC 05 06:27:51.9, 1.5, 18.36N-97.46W, h59km, 5km, mb3.6/7, mb1 3.8/10, mb1mx3.6/24, mbtmp3.7/10, Error ellipse: s-maj=37.5km s-min=8.9km az=37.0, ISC 05 06:27:48.4-0.3, 17.90N-0.03-97.90W, 0.02, h57km, 4km, n63, s1920/96, mb3.8/9, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like UTMO Huajuapam, TPBG Tehuacan, PPM Popocatepetl, VHO Vista Hermosa, etc.

CMIG Matias Romero 2.99 105 P Pn 06 29 05.8 -2.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CMIG Matias Romero, TGIG Tepich, CGIG Comitán, etc.

JTS JuntasAbangare 14.65 119 eP Pn 06 31 15.8 +3.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MIAR Mount Ida, ANMO Albuquerque, ANMO Albuquerque, PLAL Pickwick Lake, etc.

SDCO Great Sand Dun 20.87 343 eP P 06 32 28.9 +3.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MCMC Mesa Verde, PDAR Pinedale Array, NVAR Mina Array Bea, etc.

AGM Agassiz Refuge 30.36 3 eP P 06 33 52.9 -1.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like YKA Yellowknife Arr, ARCES ARCES Array B, ARCES ARCES Array B, etc.

DJA 05 06:37:13, 1.45N-97.62E, h75km, MLV3.7/7, 1D, Northern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like GSI Gunungsitoli, GSI Prapat, MNSI Mandailing Nat, etc.

NIED 05 06:56:00, 45.50N-149.90E, h130km, Mw4.1, Best double couple: M1.76000-1015 N1.3-264.00000, s84.00000, lambda-68.00000, NP2.9.00000, s23.00000, lambda-164.00000

ISCJB 05 06:56:07.8-0.7, 46.17N-107.149:87E, 0.10, h170km, 8km, mb3.6/11, Error ellipse: s-maj=13.4km s-min=7.8km az=43.9, MOS 05 06:56:09.1, 1.5, 46.38N-149.73E, h170km, mb3.9/6, Error ellipse: s-maj=18.6km s-min=10.3km az=61.9, NEIC 05 06:56:10.3, 1.3, 46.40N-149.68E, h170km, 13km, mb3.9/2, Error ellipse: s-maj=21.5km s-min=11.3km az=130.0, JMA 05 06:56:11.9, 0.6, 45.52N-149:86E, h180km, M3.7, IDC 05 06:56:11.0, 2.0, 46.41N-149:61E, h174km, 18km, mb3.3/9, mb1 3.5/12, mb1mx3.3/24, mbtmp3.3/12, Error ellipse: s-maj=22.6km s-min=12.6km az=129.0, ISC 05 06:56:08.6-0.7, 46.16N-107.149:89E, 0.10, h161km, 8km, n55, s1938/67, mb3.6/11, 1C-3D, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like YUK Yuzh-Kuril'sk, YUK Yuzh-Kuril'sk, YUK comp=Z,180nm,0.5s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like JRM Rausu, NEM Nemuro 2, JNK Nakash, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like YAK Akkeshi, YAK Akkeshi, YSS Yuzh-Sakhalins, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like YSS comp=E,20nm,1.0s, YSS comp=N,220nm,0.5s, YSS comp=E,180nm,0.5s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like YSS comp=N,1.0nm,0.3s, ASAJ Asahikawa, ASAJ Asahikawa, ASAJ comp=Z,2.0nm,0.3s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ASAJ comp=N,1.9nm,0.3s, ASAJ Asahikawa, ASAJ comp=N,0.7nm,0.3s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ASAJ comp=N,1.9nm,0.3s, ASAJ Asahikawa, ASAJ comp=N,0.7nm,0.3s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ERM Ermo, ERM Ermo, JNBK Urakawa-nobuka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like JEW Eniwo, JNBK Noboribetsu, JKB Kayabe, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like JTM Tenmabayashi, JANG Nango, PETK Petropavlovsk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like OFUJ Ofunato, MAT Matushiro, MAT Matushiro Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like INK Inuvik, INK Inuvik, INK Inuvik, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like YKA Yellowknife Arr, YKA Yellowknife Arr, YKA Yellowknife Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ARU Arti, ARU Arti, ARU Arti, etc.

MAN 05 07:00:05, 9.37N-126.43E, h22km, mb4.5, ML3.4, MS3.3, 02C, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BUTP Butuan, SCUP Surigao, SCUP Surigao, etc.

H16A	Russell Place	37.01 333	↑P	P	08 52 50.4 +0.3
J14A	Carey	37.02 330	↑P	P	08 52 50.1 0.0
F18A	Big Timber	37.33 336	↑P	P	08 52 52.7 0.0
L11A	Cat Creek Ranc	37.35 326	↑P	P	08 52 53.1 +0.2
J13A	Cove Ranch, Pi	37.40 329	↑P	P	08 52 53.4 +0.1
I14A	Mackay	37.43 330	↑P	P	08 52 54.6 +0.9
H15A	Lima	37.57 332	↑P	P	08 52 55.3 +0.5
CMB	Columbia Colle	37.58 317	eP	P	08 52 55.4 +0.4
HLID	Hailey	37.64 329	↑P	P	08 52 55.5 +0.2
HLID	Hailey	37.64 329	↑P	P	08 52 55.3 -0.1
HLID	Lac du Bonnet	37.67 353	ePcP	PcP	08 55 12.8 +0.9
ULM	comp=E,15nm,0.9s,mb4.7,baz=17.0,slow=8.3,SNR=20			P	08 52 53.7 -1.8
ULM	comp=E,136nm,19.7s,MS3.8,baz=125,slow=39			P	09 09 59.0
DGMT	Dagmar	37.67 343	↑P	P	08 52 55.6 0.0
DGMT	Dagmar	37.67 343	eP	P	08 52 55.1 -0.4
F17A	Fitzpatrick Pl	37.72 335	↑P	P	08 52 56.7 +0.7
I13A	Wildhorse Cree	37.75 330	↑P	P	08 52 56.8 +0.5
H12A	Stokes Ranch,	37.76 328	↑P	P	08 52 55.8 -0.6
MCMT	McKenzie Canyo	37.83 332	eP	P	08 52 57.9 +1.0
H14A	Leadore	37.91 331	↑P	P	08 52 57.8 +0.2
BOZ	Bozeman (W)	37.92 334	↑P	P	08 52 57.8 +0.1
BOZ	Bozeman (W)	37.92 334	eP	P	08 52 57.5 -0.2
G15A	Dillon	37.92 333	↑P	P	08 52 57.9 +0.2
E18A	Harlowton	37.95 336	↑P	P	08 52 57.8 -0.2
F16A	Kenard Place,	38.03 334	↑P	P	08 52 58.6 0.0
I12A	Atlanta	38.17 329	↑P	P	08 52 59.1 -0.7
E17A	Martinsdale	38.25 335	↑P	P	08 53 00.5 +0.1
MFID	Carnas Ranch	38.26 328	↑P	P	08 52 59.7 -0.9
H13A	Challis	38.29 330	↑P	P	08 53 00.3 -0.6
LRM	Limekiln Ridge	38.41 333	eP	P	08 53 02.3 +0.2
D18A	Linhart Farms,	38.43 337	↑P	P	08 53 01.5 -0.4
F15A	Butte	38.45 333	↑P	P	08 53 02.3 +0.2
H12A	Diamond D Ranc	38.57 330	↑P	P	08 53 03.3 +0.1
E16A	East Helena	38.64 335	↑P	P	08 53 03.3 -0.4
H11A	Placerville	38.67 328	↑P	P	08 53 03.6 -0.5
I13A	Cobalt	38.67 331	↑P	P	08 53 03.7 -0.4
D17A	Six Diamond Ra	38.74 336	↑P	P	08 53 04.1 -0.4
E15A	Deer Lodge	38.97 334	↑P	P	08 53 06.3 -0.1
D16A	Dana Ranch, Ca	38.99 335	↑P	P	08 53 06.5 -0.1
EGMT	Eagleton	39.10 338	eP	P	08 53 07.5 0.0
WVOR	Wild Horse Val	39.13 324	eP	P	08 53 07.8 0.0
WVOR	comp=E,15nm,0.9s,mb4.5			PcP	08 55 17.5 +0.9
C17A	Wharram Farm,	39.16 336	↑P	P	08 53 07.5 -0.6
J09A	Fry Pan Ranch,	39.23 326	↑P	P	08 53 08.8 0.0
K08A	Mann Creek Ran	39.23 325	↑P	P	08 53 08.8 +0.1
F13A	Darby	39.24 332	↑P	P	08 53 08.5 -0.3
H11A	Donnelly	39.26 329	↑P	P	08 53 08.3 -0.6
L07A	Adell	39.27 323	↑P	P	08 53 08.9 -0.2
E14A	Clinton	39.33 333	↑P	P	08 53 09.1 -0.5
D15A	Lincoln	39.40 334	↑P	P	08 53 09.2 -0.9
B18A	Beardsley Farm	39.42 338	↑P	P	08 53 09.6 -0.6
H10A	Noah's Angus R	39.55 328	↑P	P	08 53 10.5 -0.8
K07A	Rock Creek Ran	39.64 324	↑P	P	08 53 11.6 -0.6
I09A	Lost Marbles R	39.65 327	↑P	P	08 53 11.3 -0.9
F12A	Elk City	39.65 331	↑P	P	08 53 11.1 -1.0
E13A	Victor	39.66 332	↑P	P	08 53 11.2 -1.1
C16A	Fulmiger Ranc	39.68 336	↑P	P	08 53 12.2 -0.3
B17A	L&G Farms, Che	39.71 337	↑P	P	08 53 12.1 -0.6
SIV	San Ignacio	39.74 135	eP	P	08 53 12.9 -0.4
MSO	Missoula	39.85 333	↑P	P	08 55 18.9 -0.1
MSO	comp=E,1.5nm,0.5s,baz=320,slow=3.2,SNR=5.6			PcP	08 53 13.6 -0.3
D14A	Greenough	39.85 334	↑P	P	08 55 19.2 +0.4
G11A	Walters Elk Ra	39.88 330	↑P	P	08 53 12.4 -1.7
SLMT	Seely Lake	39.97 334	eP	P	08 53 13.8 -1.1
C15A	Salmonid Ranch	40.01 335	↑P	P	08 53 15.2 0.0
A17A	Triple J Farms,	40.22 338	↑P	P	08 53 16.2 -0.6
G10A	Bishop Farm, J	40.23 329	↑P	P	08 53 15.7 -1.3
D13A	Huson	40.28 333	↑P	P	08 53 16.9 -0.5
E12A	Beaver Dam Sad	40.28 331	↑P	P	08 53 16.2 -1.2
B15A	Bradley Ranch	40.42 336	↑P	P	08 53 17.1 -1.5
E11A	Bogner Ranch,	40.54 331	↑P	P	08 53 18.4 -1.2
A16A	West Butte Ran	40.55 337	↑P	P	08 53 18.1 -1.5
G09A	Cove	40.56 328	↑P	P	08 53 18.2 -1.6
D12A	Red Ives Fores	40.65 332	↑P	P	08 53 19.5 -1.0
F10A	Beach Ranch, E	40.76 329	↑P	P	08 53 20.6 -0.8
C13A	Hot Springs	40.77 333	↑P	P	08 53 21.0 -0.5
A15A	Johnson Ranch	41.02 336	↑P	P	08 53 23.0 -0.5
D11A	Klaveano Farm,	41.10 331	↑P	P	08 53 23.3 -0.9
YBH	Yreka Blue Hor	41.12 321	PcP	PcP	08 55 22.1 -1.0
A14A	Double T Ranch	41.29 335	↑P	P	08 53 25.1 -0.6
WALA	Waterton Lakes	41.56 335	eP	P	08 53 27.7 -0.2
A13A	Flathead Natio	41.67 335	↑P	P	08 53 28.7 -0.1
D09A	Jones Farm, Ri	42.06 330	↑P	P	08 53 31.5 -0.5
OD2	Odessa Site #2	42.48 330	eP	P	08 53 34.8 -0.7

H04A	Detroit Lake	42.55 325	↑P	P	08 53 35.0 -1.0
B09A	Rice	42.94 331	↑P	P	08 53 38.6 -0.5
FFC	Flin Flon	42.97 349	eP	P	08 53 38.1 -1.1
A09A	Danville	43.54 332	↑P	P	08 53 43.5 -0.5
EDM	Edmonton	44.69 339	eP	P	08 53 51.9 -1.2
SCHO	Coronel Fontan	45.24 218	eP	P	08 53 55.5 -2.0
SCHO	comp=E,2.5nm,0.5s,baz=215,slow=5.2,SNR=24			PcP	08 55 34.5 -2.1
SCHO	comp=E,1.02nm,18.2s,MS3.8,baz=129,slow=38			LR	09 14 03.1
FFC	Fort Churchill	45.93 356	eP	P	08 54 01.1 -1.7
FCA	Comp=E,0.1nm,0.6s			P	08 54 22.6 -0.5
CPUP	Villa Florida	46.61 142	↑P	P	08 54 30.4 -1.4
CPUP	comp=E,2.1nm,0.8s,mb4.2,baz=322,slow=9.3,SNR=6.7			LR	09 17 16.5
YKA	Yellowknife Ar	52.81 345	↑P	P	08 54 53.9 -1.3
YKA	comp=E,7.7nm,0.6s,mb4.8,baz=142,slow=7.5,SNR=217			PcP	08 56 02.4 -1.5
YKA	comp=E,1.0nm,0.6s,baz=148,slow=3.8,SNR=7.1			LR	09 20 10.1
YKA	comp=E,8.8nm,18.6s,MS2.8,baz=235,slow=39			P	08 54 53.9 -1.3
YKA	Yellowknife Ar	52.81 345	↑P	P	08 56 02.4 -1.5
DLBC	Dease Lake	54.91 335	eP	P	08 55 10.4 -0.3
TAOE	Nuku Hiva Isla	55.36 250	eT	P	09 54 27.9
PLCA	Paso Flores	56.00 163	↑P	P	08 55 18.1 -0.6
RKT	Rikitea	57.63 232	eT	P	09 57 18.2
RES	Resolute Bay	61.85 358	↑P	P	08 55 56.8 -2.0
RES	Resolute Bay	61.85 358	eP	P	08 55 56.5 -2.2
INK	Inuvik	62.36 343	↑P	P	08 56 01.0 -1.2
INK	comp=E,7.2nm,0.7s,mb4.3,baz=132,slow=7.4,SNR=46			P	08 56 00.9 -1.3
PMOR	Pomario Rio Ree	64.69 246	eT	P	10 06 13.2
PPT	Papeete	67.16 245	eLR	LR	09 16 41.5
PPT	comp=E,114nm,26.0s			LR	09 16 41.5
PPT	Papeete	67.16 245	LR	LR	09 18 05.1
ESDC	Sonsec Array	77.98 52	↑P	P	08 57 37.5 -0.8
ESDC	comp=E,0.4nm,0.4s,mb3.7,baz=295,slow=6.3,SNR=2.9			LR	09 29 05.6
MDT	Midlett	78.33 59	↑P	P	09 25 18.6
ARCES	ARCES Array B	86.19 19	↑P	P	08 58 19.1 -1.6
AKASG	Malin Array Be	96.91 34	LR	LR	09 43 49.9
ZALV	Zalesovo Beam	113.19 4	PKPc	PKPc	09 04 14.9 -2.0
ZALV	comp=E,0.8nm,0.6s,baz=345,slow=2.4,SNR=3.3			PP	09 05 01.6 -4.7
SONM	Songino Array	118.02 348	PKP	PKP	09 04 25.5 -0.9
SONM	comp=E,0.9nm,0.6s,baz=7.9,slow=1.7,SNR=6.1			PP	09 05 38.0 -2.3
MKAR	Makanchi Array	120.04 7	PKP	PKP	09 04 29.0 -1.4
MKAR	comp=E,0.6nm,0.6s,baz=9.0,slow=2.7,SNR=6.7			PKP	09 04 29.7 -5.5
HHC	Beijing	122.41 337	PKP	PKP	09 02 47.7 -4.1
HHC	Hu-ho-hao-te	123.27 342	PKP	PKP	09 05 10.1
HHC	comp=N,140nm,23.8s,MS4.7			LR	09 06 19.1 +2.8
HHC	comp=N,140nm,22.6s,MS4.7			LR	09 11 33.1 -1.1
HHC	comp=N,140nm,22.6s,MS4.7			LR	09 22 51.5 -5.5
WMQ	Ururugi	123.45 3	ePKP	PKP	09 04 30.3 -4.0
GTA	Goatai	127.32 352	ePKP	PKP	09 04 44.9 +0.3
NJ2	Nanjing	128.01 330	ePKP	PKP	09 04 40.3 -3.1
LZH	Lanzhou	129.81 347	ePKP	PKP	09 04 51.5 +2.1
CD2	Chengdu	134.77 345	ePKP	PKP	09 04 54.1 +4.9
GVA	Guliyang	138.06 339	ePdif	Pdif	09 02 10.0 -4.0
GVA	comp=N,140nm,23.8s,MS4.7			PKP	09 05 01.3 -3.9
GVA	comp=N,140nm,23.8s,MS4.7			PKP	09 05 36.8
GVA	comp=N,140nm,23.8s,MS4.7			PKP	09 07 55.2 +3.0
WRA	Warramunga Arr	138.08 255	PKhKP	PKhKP	09 04 55.4
WRA	comp=2.0,4nm,0.8s,baz=91,slow=3.4,SNR=2.7			PKP	09 05 05.4 +0.1
ASAR	Alice Springs	138.17 249	PKhKP	PKhKP	09 04 53.3
FITZ	Fitzy Crossi	146.41 257	ePKPbc	PKPbc	09 05 20.6 -0.9
IDC 05 08:50:15.9.2.1,1.98N-126.27E,h0km,mb3.7/3, mb1 4.2/3,mb1mx3.6/16,mbtmp3.7/3, Error ellipse: s-maj=180.3km s-min=25.6km az=65.0,Northern					
Molucca Sea					
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
WRA	Warramunga Arr	23.19 160	Op	08 55 24.2 -0.2	P
ASAR	Alice Springs	26.56 164	Op	08 55 55.8 +0.1	P
MKAR	Makanchi Array	58.73 326	Op	09 00 18.1 +0.2	P
IDC 05 09:25:36.3.27.0, 8.31S:157.66E,h0km,mb4.0/3, mb1 4.2/3,mb1mx3.6/16,mbtmp3.7/3, Error ellipse: s-maj=445.0km s-min=82.6km az=49.0, NEIC 05 09:25:40.8.4.2, 8.17S:157.61E,h35km,mb4.1/1, Error ellipse: s-maj=103.0km s-min=14.6km az=185.0					
ISC 05 09:25:34.3.5.3, 7.15S:106.157.8E:0.3,h35km,n5,c1#42/6, mb3.9/4, Bougainville - Solomon Islands region					
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
HNR	Honiara	3.14 136	ePn	09 26 20.8 -0.5	Pn
HNR	comp=N,140nm,23.8s,MS4.7			eSg	09 26 58.2 +0.6
WRAB	Tennant Creek	26.02 238	eP	09 31 05.2 +0.9	P
WRA	Warramunga Arr	26.02 238	Op	09 31 05.6 +1.2	P
ASAR	Alice Springs	28.18 232	Op	09 31 23.1 -0.6	P
STKA	Stevens Creek	28.86 209	Op	09 31 27.9 -1.7	P
IDC 05 09:45:34.5.2.8, 30.03S:71.77W,h0km,mb4.1/1, mb1 3.8/3,mb1mx3.6/16,mbtmp3.7/3,ML3.6/2, Error ellipse: s-maj=123.2km s-min=39.2km az=95.0,Near coast of central Chile					
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
PLCA	Paso Flores	10.73 175	Op	09 48 09.9 +0.6	Pn
LPAZ	La Paz	14.07 15	Pn	09 48 56.6 +1.4	Pn
TORD	Torodi Ar, Bea	82.65 70	Op	09 58 00.1 0.0	P
ZALV	Zalesovo Beam	150.69 29	PKPbc	10 05 27.6 -0.4	PKPbc
ISCJB 05 09:49:32.8.0.5, 40.41N:02.34.45E:0.03,h0km,5km, Error ellipse: s-maj=4.1km s-min=3.5km az=170.6 ISC 05 09:49:32.8.0.4, 40.44N:34.47E,h5km,MD3.3					

DDA 05 09:49:32.3.0.4, 40.11N:34.47E,h7km,7km,MD3.6 CSEM 05 09:49:32.0.2.0, 40.141N:34.44E,h2km,MD3.3, Error ellipse: s-maj=4.2km s-min=3.9km az=17.0 ISC 05 09:49:32.0.5.0, 40.141N:02.34.46E:0.03,h0km,4km, n69,c1#04/84,4C-2D,Turkey					
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
CORM	Corum	0.26 150	Op	09 49 38.7 +0.2	Pg
CORM	Corum	0.26 150	eP	09 49 38.7 +0.5	Pg
CTKT	Corum	0.33 49	Op	09 49 40.3 +0.8	Pg
CTKT	Corum	0.33 49	iP	09 49 42.4 -1.4	Pg
CTKT	Corum	0.33 49	iP	09 49 40.3 +0.8	Pg
CTKT	Corum	0.33 49	iP	09 49 42.4 -1.4	Pg
CANK	Cankiri	0.67 288	Op	09 49 46.3 +0.2	Pg
CANT	Cankiri	0.67 288	Op	09 49 56.0 +1.2	Pg
TOS	Tosya	0.71 332	eP	09 49 46.8 -0.1	Pg
TOS	Tosya	0.71 332	eP	09 49 46.8 0.0	Pg
CDAG	Cicekdag	0.79 185	iP	09 49 47.8 -0.4	Pg
CDAG					

Table with columns: DEMI, Demirci, 0.83 275 iP, Pg, 10 32 13.1 -0.9, etc. Lists various stations and their coordinates.

Table with columns: ASAR, Alice Springs, 21.89 213 P, P, 12 10 52.5 +0.7, etc. Lists various stations and their coordinates.

Table with columns: WMQ, Demirci, 0.83 275 iP, Pg, 12 20 05.0 +2.6, etc. Lists various stations and their coordinates.

IDC 05 10:54:48.8±2.0, 0:89N, 126:51E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.5/16, mbtmp3.6/4, Error ellipse: s-maj=168.4km s-min=27.0km az=65.0

ISCJB 05 10:54:52.9±0.8, 0:61N, 0:1x126:2E±0.1, h33km, mb3.5/4, Error ellipse: s-maj=22.8km s-min=9.2km az=33.7

ISC 05 10:54:54.3±0.8, 0:71N, 0:1x126:3E±0.1, h35km, n6, e1910/7, mb3.5/4, 2D, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Ternate, Manado, Warramunga Arr.

NNC 05 10:55:08.8±7.8, 36:85N, 70:05E, h242km, 97km, mb2.4, mpv3.6, 3C, Error ellipse: s-maj=73.3km s-min=47.1km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Karatay Array, KK31, TKM2, AB31.

BUI 05 12:05:58.4, 6:30S, 147:54E, h125km, mb5.1/18, mb5.0/28, ISCJB 05 12:06:04.9±1.1, 5:41S, 0:04x146:77E±0.06, h106km, 10km, mb4.6/45, Error ellipse: s-maj=10.4km s-min=6.2km az=16.7

IDC 05 12:06:09.0±0.4, 5:46S, 146:62E, h136km, 6km, mb4.1/13, mb1 4.4/15, mb1mx4.4/16, mbtmp4.2/15, MS3.4/4, Ms1 3.3/4, ms1mx3.0/25, Error ellipse: s-maj=16.5km s-min=7.6km az=10.0

NEIC 05 12:06:09.6±0.2, 5:42S, 146:60E, mb4.7/20, Error ellipse: s-maj=9.0km s-min=5.5km az=103.0

MOS 05 12:06:12.9±0.8, 5:39S, 146:55E, h181km, mb4.4/13, Error ellipse: s-maj=15.1km s-min=7.9km az=89.8

DJA 05 12:06:19.5:73S:146:16E, h191km, mb4.7/11, ISC 05 12:06:09.6±1.0, 5:48S, 0:04x146:72E±0.06, h135km, 10km, h134km, 2, 3km, p-P, N, error, e059/113, mb4.5/45, 4C-6D, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like COEN, HNR, CTA, KAKA, QIS, WRAB, WRA, GUMO, EIDS.

YSS Yuzh-Sakhalins 52.33 3571 eP, P, 12 15 07.7 +0.4

CN2 Chngchun 52.68 341 eS, S, 12 15 13.7 +3.5

XAN Xi'an 53.11 320 P, P, 12 15 13.0 -0.4

BJI Beijing 53.32 331 P, S, 12 15 14.6 -0.2

HABR Khabarovsk 54.70 351 eP, P, 12 15 24.0 -0.6

CD2 Chengdu 54.72 314 eP, P, 12 15 25.3 +0.2

KLR Kul'dur 56.03 348 eP, P, 12 15 29.5 -4.6

HHC Hu-ho-hao-te 56.25 328 eP, P, 12 15 38.0 +2.1

LZH Lanzhou 57.64 319 eP, P, 12 15 46.6 +0.8

PETK Petropavlovsk 59.10 8 P, P, 12 15 56.2 +0.7

GTA Gaotai 62.17 320 pP, P, 12 16 17.2 +0.5

ULN Ulanbaatar 63.53 331 d/P, P, 12 16 26.1 +0.7

SOMN Songino Aray 63.82 331 eP, P, 12 16 27.7 +0.4

ZAK Zakamensk 67.06 331 eP, P, 12 16 47.8 -0.3

TLY Talaya 67.76 333 eP, P, 12 16 52.9 +0.3

ULN Ulanbaatar 68.36 331 eP, P, 12 16 55.5 -0.5

BOD Bodaibo 68.41 342 eP, P, 12 16 55.5 -0.9

WMQ Urumqi 72.22 319 eP, P, 12 17 21.0 +1.0

WMQ Urumqi 72.22 319 eP, P, 12 17 52.0 -1.3

WMQ Urumqi 72.22 319 eP, P, 12 18 06.0 -1.9

AML Almayashu 81.22 314 eP, P, 12 18 10.5 0.0

AML Almayashu 81.22 314 eP, P, 12 18 10.5 -0.1

COLA College 84.78 23 eP, P, 12 18 27.2 -1.2

COLA College 84.78 23 eP, P, 12 18 27.2 -1.1

BRVK Borovoye 86.25 324 eP, P, 12 18 35.2 -0.8

BRVK Borovoye 86.25 324 eP, P, 12 18 34.6 -1.4

EGAK Gantse 87.41 27 eP, P, 12 18 41.3 0.0

HYT Haines Junction 87.87 28 eP, P, 12 18 45.1 +1.6

DAW Dawson 87.92 25 eP, P, 12 18 44.2 +0.5

INUK Inuvik 91.28 21 eP, P, 12 18 59.1 -0.2

INUK Inuvik 91.28 21 eP, P, 12 18 59.1 -0.3

NVAR Mina Array Bay 97.27 52 P, P, 12 19 28.5 +1.1

YKA Yellowknife Arr 98.84 28 P, P, 12 19 33.7 -0.2

YKA Yellowknife Arr 98.84 28 P, P, 12 19 33.7 -0.2

YKA Yellowknife Arr 98.84 28 P, P, 12 19 33.7 -0.2

SMCO Snowmass 106.08 51 eP, P, 12 24 16.7 -1.4

TXAR Lajitas Array 109.75 61 PKKPb, PKKP, 12 24 24.2 -1.1

TXAR Lajitas Array 109.75 61 PKKPb, PKKP, 12 24 24.2 -1.1

PLCA Paso Flores 122.70 147 PKP, PKP, 12 24 48.6 -1.2

TKL Tuckaleeches C 124.80 50 PKP, PKP, 12 24 52.1 -1.8

CFA Coronel Fontan 130.29 140 PKP, PKP, 12 25 03.4 -1.1

CPUP Villa Florida 140.71 145 PKP, PKP, 12 25 23.9 -0.1

SDV Santo Domingo 142.79 83 PKKPb, PKKPb, 12 25 24.2

TORD Torodi Arr 144.70 285 PKP, PKP, 12 25 28.7 -2.6

SIV San Ignacio 145.18 128 PKKPb, PKKPb, 12 25 31.0 -1.0

DBIC Dimbokro 151.72 274 PKKPb, PKKPb, 12 25 48.6 -0.7

GUC 05 12:09:23.3±0.8, 33:53S, 69:92W, h12km, 4km, MD4.0, ML3.6±0.42, Chile-Antarctica border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like YECH, FCH, SJCH, LMEL, PCH, FSR, FLCH, ANTU, SAN, PEL, CACH, TACH.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like RLMT Red Lodge, SNOW Snow King Moun, N14A Grayback Hills, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Q22A Crested Butte, T19A Beclabito, X16A Lo Mia Camp, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ARS Arshan, ORL Orlik, TLY Talaya, etc.

BYKL 05 13:51:29.4±0.8, 50.34N±100.25E
MOS 05 13:51:41.4±2.0, 51.18N±100.53E, h24km, mb4.4/1,
9C-16D, Error ellipse: s-maj=16.2km s-min=12.3km
baz=50.6, Tuva-Buryatia-Mongolia border region

5d 16h

Table with columns: TRP, GRW, TOSP, TOSR, ITEV, GUNV, GUNV, CRUV, CRUV, SVB, SVB, ORIV, ORIV, RIOV, RIOV, PCRV, PCRV, GURV, GURV, PRGV, PRGV, CUPV, CUPV, MERV, MERV, LUEV, LUEV, CAUV, CAUV, BAUV, BAUV. Includes station names, coordinates, and time/res data.

ISCJB 05 15:30:49.5,0.7,35.22N,0.04:137.32E,0.05, h47km,9km, Error ellipse: s-maj=7.0km s-min=6.5km az=34.6 JMA 05 15:30:49.3,35.25N,137.35E,h48km,M2.5

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Obara, Miyama, Shizuoka 3, etc.

IDC 05 15:32:38.4,1.7,0.94N,126.22E,h0km,mb3.4/4, mb1 3.6/4, mb1mx3.4/17, mbtmpr3.5/4, Error ellipse: s-maj=180.4km s-min=21.1km az=66.0

NEIC 05 15:32:47.1,0.7,1.15N,126.87E,0.05,h86km,6km, Error ellipse: s-maj=42.0km s-min=11.9km az=57.0

ISCJB 05 15:32:45.7,0.7,1.15N,126.87E,0.05,h86km,6km, mb3.5/6, Error ellipse: s-maj=10.3km s-min=7.6km az=14.7

DJA 05 15:32:46.1,1.17N,126.87E,h160km,MLV3.8/1 Error ellipse: s-maj=180.4km s-min=21.1km az=66.0

ISC 05 15:32:47.1,0.7,1.15N,126.87E,0.05,h81km,7km, n16, c0959/21, mb3.5/6, 1D, Northern Molucca Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Ternate, NTT, MNI, etc.

NIED 05 15:39:00,44.00N,147.80E,h44km,Mw3.6 Best double couple: M3.05000,1014 NP1.2530000, 674.00000, lambda=108.00000, NP2.2530000, 285.00000, lambda=43.00000

JMA 05 15:39:35.5,0.3,44.00N,147.85E,h0km,M3.9,Kuril Islands

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

WEL 05 16:00:20.4,0.4,37.67S,177.93E,h70km,3km,ML3.5/4, 1C-6D, Error ellipse: s-maj=2.4km s-min=2.2km az=0.0, Off east coast of North Island

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Matakaao Point, Puketiti, Matawai, etc.

2008 APR

Table with columns: KARZ, PRRZ, MHRZ, ALRZ, BLKZ, HAZZ, KUZ, CKHZ, MKAZ, KAHZ, TUJZ, TSZ, MWZ, FWVZ, WNVZ, MVTZ, PRHZ, TSZ, WAZ, BFZ, TIWZ, MRWZ, HROZ, KIW. Includes station names, coordinates, and time/res data.

ISCJB 05 16:05:32.9,0.9,56.22S,0.1:26.4W,0.4,h10km,mb4.0/8, Error ellipse: s-maj=33.2km s-min=16.5km az=152.1

NEIC 05 16:05:38.0,0.6,56.22S,26.37W,h35km,Error ellipse: s-maj=24.2km s-min=13.5km az=60.0

IDC 05 16:05:41.3,3.0,56.26S,26.55W,h61km,25km,mb3.7/8, mb1 3.8/8, mb1mx3.7/19, mbtmpr3.7/8, Error ellipse: s-maj=29.9km s-min=18.8km az=67.0

ISC 05 16:05:34.7,0.9,56.25S,0.1:26.4W,0.4,h10km,n12, c079/9,mb4.0/8,South Sandwich Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like GSPA, CFAA, LFV, VVND, VVND, SIV, LPZA, TORZ, ASAR, YKA, YKA, SONM.

NSSP 05 16:18:12.9,0.4,40.42N,42.20E,h5km,M3.3 Error ellipse: s-maj=3.3km s-min=2.0km az=30.8

ISCJB 05 16:18:21.0,0.3,40.46N,0.02:42.36E,0.02,h10km, Error ellipse: s-maj=3.3km s-min=2.0km az=30.8

CSEM 05 16:18:21.0,0.2,40.46N,42.40E,h2km,MD3.4, Error ellipse: s-maj=4.7km s-min=3.1km az=23.0

DDA 05 16:18:21.2,0.4,40.44N,42.31E,h11km,3km,MD3.3 Error ellipse: s-maj=4.7km s-min=3.1km az=23.0

ISK 05 16:18:21.0,0.4,40.45N,42.39E,h5km,MD3.4 Error ellipse: s-maj=4.7km s-min=3.1km az=23.0

ISC 05 16:18:21.8,0.3,40.47N,0.02:42.38E,0.02,h10km,n55, c1191/82,7C-7D,Turkey

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like HOMI, KARS, KARS, etc.

ISCJB 05 16:50:15.6,2.1,15.9S,0.3:174.4W,0.2,h144km,26km, mb3.8/9, Error ellipse: s-maj=50.8km s-min=25.3km

NEIC 05 16:50:17.8,1.3,15.99S,174.39W,h149km,13km,mb3.9/1, Error ellipse: s-maj=29.8km s-min=13.9km az=145.0

IDC 05 16:50:17.7,2.5,16.07S,174.33W,h146km,24km,mb3.7/5, mb1 3.9/6, mb1mx3.5/17, mbtmpr3.7/6, Error ellipse: s-maj=34.7km s-min=21.3km az=144.0

ISC 05 16:50:17.1,2.0,15.9S,0.3:174.4W,0.2,h143km,25km, n10, c087/9,mb3.8/6,Tonga Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like AF1, STKA, WRAB, etc.

194

ISCJB 05 16:38:11.1,1.2,27.3S,0.2:73.3E,0.3,h10km,mb3.7/8, Error ellipse: s-maj=4.1km s-min=2.2km az=164.6

IDC 05 16:38:11.3,1.4,27.33S,7.3E,h0km,mb3.7/7, mb1 3.8/7, mb1mx3.6/21, mbtmpr3.7/7, Error ellipse: s-maj=48.1km s-min=27.8km az=67.0

NEIC 05 16:38:12.9,0.8,27.30S,7.32E,h10km,mb3.9/1, Error ellipse: s-maj=30.2km s-min=16.0km az=75.0

ISC 05 16:38:13.1,1.2,27.3S,0.2:73.2E,0.3,h10km,n8, c0839/8, mb3.7/8,Mid-Indian Ridge

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like PALK, ASAR, WRA, GSPA, MKAR, SONM, ZALV.

NIED 05 16:50:00,33.10N,136.80E,h20km,Mw3.8 Best double couple: M5.51000,1014 NP1.2530000, 849.00000, lambda=80.00000, NP2.2530000, 242.00000, lambda=101.00000

ISCJB 05 16:50:07.9,0.5,33.13N,0.03:136.81E,0.3,h33km, mb3.6/8, Error ellipse: s-maj=4.7km s-min=3.6km az=179.1

NEIC 05 16:50:08.3,33.13N,136.77E,h43km,mb4.3/1, After JMA

JMA 05 16:50:08.3,0.1,33.13N,136.77E,h43km,4km,M4.1 Error ellipse: s-maj=16.0km s-min=7.5km az=145.0

IDC 05 16:50:10.3,0.5,33.04N,136.95E,h33km,41km,mb3.5/8, mb1 3.8/11, mb1mx3.6/26, mbtmpr3.6/11, ML3.8/3, MS3.0/1, MS1 3.0/1, ms1mx2.2/33, Error ellipse: s-maj=25.3km s-min=17.9km az=64.0

ISC 05 16:50:09.8,1.7,33.17N,0.03:136.79E,0.3,h34km,13km, n8, c085/42, mb3.6/8, 9D, Near south coast of western Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like TK01, JWZ, JWZ, etc.

ISCJB 05 16:50:15.6,2.1,15.9S,0.3:174.4W,0.2,h144km,26km, mb3.8/9, Error ellipse: s-maj=50.8km s-min=25.3km

NEIC 05 16:50:17.8,1.3,15.99S,174.39W,h149km,13km,mb3.9/1, Error ellipse: s-maj=29.8km s-min=13.9km az=145.0

IDC 05 16:50:17.7,2.5,16.07S,174.33W,h146km,24km,mb3.7/5, mb1 3.9/6, mb1mx3.5/17, mbtmpr3.7/6, Error ellipse: s-maj=34.7km s-min=21.3km az=144.0

ISC 05 16:50:17.1,2.0,15.9S,0.3:174.4W,0.2,h143km,25km, n10, c087/9,mb3.8/6,Tonga Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like AF1, STKA, WRAB, etc.

Table with columns: IOTA, Izeze, 74.12 326, P, 17.44 38.0 +0.1, etc. Includes stations like G08A Pilot Rock, A13A Flathead Natio, etc.

Table with columns: USHA, 4.9nm, 0.3s, baz=1.5, slow=18, SNR=8.1, etc. Includes stations like EFI East Falkland, PLCA Paso Flores, etc.

Table with columns: BKZ Black Stump Fm, 9.90 205, PN, Pn, 18.46 33.9 -1.6, etc. Includes stations like KAHZ Kahunarakani, BFZ Birch Farm, etc.

comp=Z.60nm,8.4s

ISCJB 05 17:48:19.9,0.8,39.41N:0.03:33.07E:0.05, h3km,8km, Error ellipse: s-maj=6.6km s-min=4.9km az=37.1

DDA 05 17:48:19.9,39.42N:33.07E, h7km,1km, MD3.2, CSEM 05 17:48:20.0,0.2,39.41N:33.07E, h2km, MD3.2, Error ellipse: s-maj=4.7km s-min=3.8km az=134.0

ISK 05 17:48:20.0,39.44N:33.02E, h10km, MD3.1

ISC 05 17:48:20.0,0.5,39.41N:0.03:33.07E:0.05, h6km,6km, n28,+073/40, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like BBAL Bala, KAMT Kaman, etc.

ISCJB 05 18:28:18.1,0.5,59.83S:0.07:58.5W:0.2, h10km, mb4.2/14, MS3.6/8, Error ellipse: s-maj=13.0km s-min=7.3km az=144.9

ICD 05 18:28:18.6,0.8,59.84S:58.28W, h0km, mb4.1/10, mb1.4/2/12, mb1mx4.1/21, mbtmp4.2/12, ML4.5/2, MS3.7/10, Ms1.3/7/10, ms1mx3.6/15, Error ellipse: s-maj=30.9km s-min=16.1km az=59.0

NEIC 05 18:28:20.0,0.3,59.86S:58.28W, h10km, mb4.5/6, Error ellipse: s-maj=11.8km s-min=6.9km az=67.0

ISC 05 18:28:20.0,0.5,59.84S:0.07:58.4W:0.2, h10km, n32,+0100/24, mb4.2/14, MS3.6/8, Scotia Sea

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

ICD 05 18:42:35.4,6.0,24.25N:95.51E, h0km, mb3.7/7, mb1.3/8/7, mb1mx3.6/24, mbtmp3.7/7, MS3.6/2, Ms1.3/6/2, ms1mx2.7/31, Error ellipse: s-maj=120.1km s-min=51.6km az=156.0

ISC 05 18:42:46.9,3.9,24.6N:0.4:95.5E:0.2, h74km,24km, n17,+0582/17, mb3.5/7, 1C, Myanmar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like SHL Shillong, GUN Gumba, etc.

ISCJB 05 18:44:12.6,1.6,30.41S:0.03:178.17W:0.1, h15km,11km, mb4.6/25, MS3.8/3, Error ellipse: s-maj=16.8km s-min=4.5km az=11.0

NEIC 05 18:44:15.7,1.4,30.36S:177.91W, h36km,11km, mb4.8/11, Error ellipse: s-maj=22.3km s-min=10.9km az=106.0

ICD 05 18:44:19.3,1.2,30.04S:178.06W, h59km,10km, mb4.1/9, mb1.4/3/9, mb1mx4.2/14, mbtmp4.1/9, MS3.7/5, Ms1.3/7/5, ms1mx3.5/17, Error ellipse: s-maj=23.3km s-min=16.3km az=102.0

ISC 05 18:44:13.9,1.7,30.32S:0.03:178.17W:0.1, h16km,12km, n17,+1525/70, mb4.6/25, MS3.8/3, 1D, Kermadec Islands

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

LDG 05 18:56:00.8,0.1,50.62N:100.28E, h10km, Mb4.7/11, Ms3.4/7, Error ellipse: s-maj=17.9km s-min=4.6km az=30.0

ISCJB 05 18:56:01.8,0.2,50.53N:100.02:100.44E:0.02, h10km, mb4.5/8, MS3.7/14, Error ellipse: s-maj=2.7km s-min=2.1km az=160.1

BYKL 05 18:56:01.4,0.8,50.33N:100.25E, FELT I=II MSK at Zakamensk

ICD 05 18:56:01.7,0.5,50.42N:100.42E, h0km, mb4.3/14, mb1.4/5/18, mb1mx4.3/27, mbtmp4.3/18, ML3.3/5, MS3.3/7, Ms1.3/3/7, ms1mx3.0/33, Error ellipse: s-maj=17.3km s-min=9.6km az=13.0

MOS 05 18:56:02.9,1.5,50.46N:100.39E, h20km, mb4.7/37, Error ellipse: s-maj=6.4km s-min=5.2km az=110.9

BUS FELT (II-III) at Zakamensk

MJL 05 18:56:03.6,50.41N:100.44E, h10km, mb4.6/21, mb4.4/36, ML4.9/1, Ms4.4/35, Ms7.4/2/29

NEIC 05 18:56:03.2,0.3,50.53N:100.48E, h10km, mb4.5/50, Error ellipse: s-maj=6.6km s-min=5.7km az=192.0

SZGRF 05 18:56:07.0,49.98N:100.42E, h33km, mb4.6, Mongolia

NMC 05 18:56:15.7,2.7,49.51N:99.21E, h0km, mb4.2, Error ellipse: s-maj=4.1km s-min=19.2km az=12.0

ISC 05 18:56:03.9,0.2,50.52N:100.02:100.43E:0.02, h10km, n225,+0136/27, mb4.5/8, MS3.7/14, 29C-38D, Mongolia

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

5d 20h

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like Stepnoy Dvoret, Khuramsha, Fotonovo, Tyrgan, etc.

2008 APR

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like Zalesovo Beam, Bodaibo, Nelyaty, etc.

200

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like Makanchi Array, Kurchatov, Ykav, etc.

IDC 05 19:59:29.1, 2.2371N, 143.69E, h0km, mb3.4/4, mb1 3.6/5, mb1mx3.4/21, mbttmp3.5/5, ML3.2/1. Error ellipse: s-maj=63.5km s-min=21.9km az=88.0, Volcano Islands region

NEIC 05 20:00:13.7, 44.925S, 166.91E, h11km, ML3.8(WEL), After WEL. WEL 05 20:00:15.3:0.4, 44.98S, 167.09E, h5km, ML3.4/9, 2C-1D, Error ellipse: s-maj=3.2km s-min=1.7km az=90.0, South Island

ISC/JB 05 20:09:13.0:0.9, 35.48N, 0.05:27.42E, 0.05, h13km, 5km, Error ellipse: s-maj=9.8km s-min=5.6km az=155.5, NEIC 05 20:09:13.4, 35.46N, 27.35E, h19km, MD3.4(ATH), After ATH.

ATH 05 20:09:13.4, 35.46N, 27.35E, h19km, 1km, MD3.4/6 CSEM 05 20:09:14.0:0.4, 35.46N, 27.42E, h15km, MD3.4, Error ellipse: s-maj=13.7km s-min=6.3km az=156.0, DDA 05 20:09:14.1, 35.68N, 27.52E, h5km, 3km, MD3.2

ISC 05 20:09:13.8:0.9, 35.48N, 0.05:27.40E, 0.05, h11km, 5km, n35, c108/47, Decadence Islands

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like Karpathos, Arkhangelos, Zakros, etc.

IDC 05 19:48:32.9, 1.2, 47.19N, 156.10E, h0km, mb3.5/7, mb1 3.7/8, mb1mx3.5/25, mbttmp3.5/8, ML3.3/1, Error ellipse: s-maj=32.9km s-min=25.2km az=154.0, NEIC 05 19:48:34.9:1.0, 47.34N, 155.78E, h10km, mb3.7/3, Error ellipse: s-maj=22.9km s-min=16.4km az=137.0, MOS 05 19:48:36.2:1.2, 47.43N, 155.84E, h32km, mb4.0/3, Error ellipse: s-maj=37.9km s-min=12.4km az=83.7, ISC/JB 05 19:48:38.7:1.3, 47.7N, 155.8E, 0.2, h33km, mb3.5/8, Error ellipse: s-maj=23.4km s-min=16.6km az=146.3, ISC 05 19:48:40.6:1.3, 47.63N, 155.8E, 0.2, h35km, n18, c115/19, mb3.5/8, East of Kuril Islands

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like Severo-Kuril's, Petropavlovsk, Bilibino, etc.

Table with columns: DID, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Didima, Gazipasa, etc.

IDC 05 21:20:57.4.9.2, 37.13N:69.78E, h0km, mb3.5/1, Mb1 3.5/3, mb1mx3.2/22, mbtmp3.5/3, ML2.2/1, MS2.8/1, Ms1 2.8/1, ms1mx2.2/25, Error ellipse: s-maj=347.6km s-min=27.3km az=143.0

ISCJB 05 21:21:09.3.0.8, 36.44N:0.04:71.5E:0.1, h196km, 16km, Error ellipse: s-maj=15.8km s-min=4.7km az=162.8

NCC 05 21:21:20.4.3.0, 37.36N:71.42E, h200km, 29km, mb2.4, mpv3.7, Error ellipse: s-maj=27.4km s-min=17.9km az=16.0

ISC 05 21:21:09.8.0.7, 36.40N:0.04:71.5E:0.1, h179km, 16km, n21, s1802/27, 2C-4D, Afghanistan-Tajikistan border region

Main table for station data, columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Almayashu, Uchtor, Kyzart, etc.

Table with columns: HWQ, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Hawqa, Nahal Hemdat, Sa'it, etc.

IDC 05 21:30:58.6.3.0, 43.28N:105.28W, h0km, mb2.4/1, Mb1 3.3/3, mb1mx3.1/24, mbtmp3.0/3, ML2.8/2, Error ellipse: s-maj=60.8km s-min=10.1km az=154.0

ISCJB 05 21:30:59.0.5, 43.56N:106.105:36W:0.06, h0km, Error ellipse: s-maj=8.9km s-min=5.3km az=154.0

NEIC 05 21:30:59.0.5, 43.54N:105.23W, h0km, ML2.9, Error ellipse: s-maj=7.2km s-min=5.1km az=141.0, Suspected Mining explosion.

NEIC 85 km [55 miles] SSE of Gillette. ISC 05 21:30:60.0.6, 43.55N:106.006:105:25W:0.07, h0km, n19, Lat/62.3, Wyoming

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Black Hills, Pilot Hill, Rawlins, etc.

DJA 05 21:45:03, 8.06E x 107.00E, h50km, MLv3.4/6, South of

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Lembang, Cibinong, Christmas Isla, etc.

ISCJB 05 21:47:41.6.0.7, 13.55N:0.04:120.63E:0.05, h27km, 6km, mb4.3/8, MS3.4/2, Error ellipse: s-maj=7.8km s-min=7.2km az=163.1

IDC 05 21:47:41.6.1.1, 13.50N:120.65E, h22km, 36km, mb3.5/5, mb1 3.6/5, mb1mx3.4/19, mbtmp3.5/5, MS3.4/2, Ms1 3.4/2, ms1mx2.7/22, Error ellipse: s-maj=48.5km s-min=16.5km az=75.0

MAN 05 21:47:41, 13.63N:120.65E, h13km, mb4.7, ML3.6, MS3.5 NEIC 05 21:47:43.1.0.4, 13.56N:120.62E, h35km, mb4.5/1, Error ellipse: s-maj=12.8km s-min=6.4km az=59.0

ISC 05 21:47:42.1.0.7, 13.55N:0.04:120.64E:0.04, h19km, 5km, n32, s1803/34, mb4.3/8, MS3.4/2, 3C-2D, Mindoro

Main table for station data, columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Puerto Galera, Lubang, Tagaytay City, etc.

ISCJB 05 21:22:14.7.0.5, 33.33N:0.03:35.40E:0.04, h7km, 5km, Error ellipse: s-maj=6.4km s-min=3.5km az=28.4

GII 05 21:22:14.8.0.5, 33.28N:35.44E, h2km, 1km, MD2.1/7, Mm1.9/3 CSEM 05 21:22:15.9.3, 33.33N:35.44E, h0km, ML3.3, After GRAL GRAL 05 21:22:15.9.0.3, 33.33N:35.44E, h0km, 4km, MD3.3

ISC 05 21:22:15.0.0.5, 33.34N:0.02:35.40E:0.04, h7km, 6km, n23, s1805/35, Jordan - Syria region

Main table for station data, columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Matirih, Kefar Szold, Mount Hermon, etc.

Table with columns: URZ, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Urewera, Stephen Creek, Alice Springs, etc.

IDC 05 22:03:19.0.0.1, 17.94N:109.07W, h0km, mb4.1/6, Mb1 4.4/8, mb1mx4.1/21, mbtmp4.1/8, ML3.6/2, MS3.7/20, Ms1 3.7/20, ms1mx3.6/36, Error ellipse: s-maj=45.2km s-min=16.2km az=132.0

GCMT 05 22:03:13.9.0.6, 19.71N:109.29W, h21km, 2km, MW4.9/66, Moment Tensor Solution, s13,c16; s66,c88; Duration: 0 Moment tensor: Scale 10^19Nm; M0:0.25; L4; M1:2.19; L1; M2:4.4; L2; M3:0.58; L3; M4:0.12; L4; M5:0.58; L5; M6:0.21; L6; M7:0.12; L7; M8:0.12; L8; M9:0.12; L9; M10:0.12; L10; M11:0.12; L11; M12:0.12; L12; M13:0.12; L13; M14:0.12; L14; M15:0.12; L15; M16:0.12; L16; M17:0.12; L17; M18:0.12; L18; M19:0.12; L19; M20:0.12; L20; M21:0.12; L21; M22:0.12; L22; M23:0.12; L23; M24:0.12; L24; M25:0.12; L25; M26:0.12; L26; M27:0.12; L27; M28:0.12; L28; M29:0.12; L29; M30:0.12; L30; M31:0.12; L31; M32:0.12; L32; M33:0.12; L33; M34:0.12; L34; M35:0.12; L35; M36:0.12; L36; M37:0.12; L37; M38:0.12; L38; M39:0.12; L39; M40:0.12; L40; M41:0.12; L41; M42:0.12; L42; M43:0.12; L43; M44:0.12; L44; M45:0.12; L45; M46:0.12; L46; M47:0.12; L47; M48:0.12; L48; M49:0.12; L49; M50:0.12; L50; M51:0.12; L51; M52:0.12; L52; M53:0.12; L53; M54:0.12; L54; M55:0.12; L55; M56:0.12; L56; M57:0.12; L57; M58:0.12; 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L535; M536:0.12; L536; M537:0.12; L537; M538:0.12; L538; M539:0.12; L539; M540:0.12; L540; M541:0.12; L541; M542:0.12; L542; M543:0.12; L543; M544:0.12; L544; M545:0.12; L545; M546:0.12; L546; M547:0.12; L547; M548:0.12; L548; M549:0.12; L549; M550:0.12; L550; M551:0.12; L551; M552:0.12; L552; M553:0.12; L553; M554:0.12; L554; M555:0.12; L555; M556:0.12; L556; M557:0.12; L557; M558:0.12; L558; M559:0.12; L559; M560:0.12; L560; M561:0.12; L561; M562:0.12; L562; M563:0.12; L563; M564:0.12; L564; M565:0.12; L565; M566:0.12; L566; M567:0.12; L567; M568:0.12; L568; M569:0.12; L569; M570:0.12; L570; M571:0.12; L571; M572:0.12; L572; M573:0.12; L573; M574:0.12; L574; M575:0.12; L575; M576:0.12; L576; M577:0.12; L577; M578:0.12; L578; M579:0.12; L579; M580:0.12; L580; M581:0.12; L581; M582:0.12; L582; M583:0.12; L583; M584:0.12; L584; M585:0.12; L585; M586:0.12; L586; M587:0.12; L587; M588:0.12; L588; M589:0.12; L589; M590:0.12; L590; M591:0.12; L591; M592:0.12; L592; M593:0.12; L593; M594:0.12; L594; M595:0.12; L595; M596:0.12; L596; M597:0.12; L597; M598:0.12; L598; M599:0.12; L599; M600:0.12; L600; M601:0.12; L601; M602:0.12; L602; M603:0.12; L603; M604:0.12; L604; M605:0.12; L605; M606:0.12; L606; M607:0.12; L607; M608:0.12; L608; M609:0.12; L609; M610:0.12; L610; M611:0.12; L611; M612:0.12; L612; M613:0.12; L613; M614:0.12; L614; M615:0.12; L615; M616:0.12; L616; M617:0.12; L617; M618:0.12; L618; M619:0.12; L619; M620:0.12; L620; M621:0.12; L621; M622:0.12; L622; M623:0.12; L623; M624:0.12; L624; M625:0.12; L625; M626:0.12; L626; M627:0.12; L627; M628:0.12; L628; M629:0.12; L629; M630:0.12; L630; M631:0.12; L631; M632:0.12; L632; M633:0.12; L633; M634:0.12; L634; M635:0.12; L635; M636:0.12; L636; M637:0.12; L637; M638:0.12; L638; M

2008 APR

Table with columns: PFO, Pinyon Flat Ob, 15.43 337, Pn, 22 06 51.3 -0.4, etc. Lists various astronomical objects and their coordinates.

Table with columns: NVAR, Mina Array Bea, 20.41 339, P, 22 07 51.6 +1.1, etc. Lists various astronomical objects and their coordinates.

Table with columns: MCMT, McKenzie Canyon, 25.39 354, eP, 22 08 41.5 +1.0, etc. Lists various astronomical objects and their coordinates.

PRE 05:22:11:07:71.7, 20:99S-33:39E, h5km, ML3.8, Mozambique

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc. Lists station data for Mozambique.

IDC 05:22:20:43.4, 2.4, 8.28S, 130:13E, h0km, mb3.3/1, mb1.3/3, mb1mx3.2/13, mbtmp3.1/2, Error ellipse: s-maj=130.9km s-min=34.2km az=68.0, Tanimbar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc. Lists station data for IDC.

comp=N,0.5nm,0.6s,baz=315,slow=4.2,SNR=5.7

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Includes stations like Chichi jima, Matsushiro Arr, MAJO, etc.

TAP 05:22:38:09.9,24:86N:122:40E,h9km,ML3.3,D
ISCJB 05:22:38:10.1,0.6,24:84N:122:37E,0.02,h10km,4km,
Error ellipse: s-maj=5.1km s-min=2.7km az=5.7

JMA 05:22:38:10.0,0.2,24:64N:122:32E,h0km,M2.8
ISC 05:22:38:10.2,0.4,24:85N:122:37E,0.02,h9km,3km,
n36,0537/70,Taiwan region

Main table of station data for the Taiwan region, including stations like TWB1, TWC, TWE, etc.

Table with columns: WTP, hsz=225, Sn, 22 39 16.0 +0.2, etc.

ISCJB 05:22:47:07.0,0.8,12:98N:143:33E,0.1,h208km,9km,
mb4.0/18, Error ellipse: s-maj=18.6km s-min=9.2km
az=178.5

ISC 05:22:47:08.7,0.8,12:98N:143:33E,h205km,8km,mb3.7/14,
s-maj=17.5km s-min=9.9km az=88.0

NEIC 05:22:47:09.0,0.7,12:99N:143:28E,h209km,7km,mb4.6/2,
Error ellipse: s-maj=11.9km s-min=7.2km az=69.0

ISC 05:22:47:08.9,0.8,13:03N:143:01E,0.1,h205km,9km,
n30,0567/31,mb4.0/18,South of Mariana Islands

Main table of station data for the South of Mariana Islands region, including stations like GUMO, JMW, etc.

ISCJB 05:23:10:41.3,0.5,21:78S:0:03:68:7W,0:1,h142km,8km,
mb3.6/3, Error ellipse: s-maj=16.7km s-min=5.5km

NEIC 05:23:10:42.7,0.8,21:87S:68:41W,h116km,11km,mb3.5/1,
Error ellipse: s-maj=24.2km s-min=11.3km az=95.0

GUC 05:23:10:43.6,0.6,21:69S:68:64W,h10km,6km,ML4.1
IDC 05:23:10:43.6,0.8,21:90S:68:25W,h15km,13km,mb3.7/3,
mb1.3/6.5,mb1mx3.4/17,mbtmp3.5/5, Error ellipse:
s-maj=35.8km s-min=21.5km az=111.0

ISC 05:23:10:42.4,0.5,21:76S:0:04:68:6W,0:1,h130km,8km,
n21,1125/34,mb3.6/3,4C-3D,Chile-Bolivia border

Main table of station data for the Chile-Bolivia border region, including stations like LVC, PB04, etc.

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

NEIC 05:23:11:32.2,36:14N:21:74E,h8km,mb3.9/1,ML3.7(ATH),
After ATH.

ATH 05:23:11:32.2,36:14N:21:74E,h8km,mb3.9/1,ML3.7(ATH),
After ATH.

CSEM 05:23:11:32.0,2,36:13N:21:94E,h10km,ML3.7, Error
ellipse: s-maj=7.9km s-min=5.6km az=59.0

MOS 05:23:11:35.2,4.2,36:17N:21:59E,h33km,mb3.8/2, Error
ellipse: s-maj=10.1km s-min=6.9km az=86.5

BEO 05:23:12:30.0,6.7,39:50N:21:09E,h0km,ML3.4/2
ISC 05:23:11:32.3,0.9,36:10N:0:03:21:82E,0.04,h1km,5km,
n164,0143/177,mb3.6/12,MS3.0/2,2C-4D,Southern
Graves

Main table of station data for the Southern Graves region, including stations like PYL, KAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Keskin Array B, Wahat Farafira, Mount Meron Ar, etc.

ISCJB 05:23:38:53.1... Error ellipse: s-maj=2.7km s-min=2.4km az=3.8
PNSN 05:23:38:53.1... Azm311.0000; P Plg18.0000; Azm42.0000;
NEIC 05:23:38:53.1... NEIC Fell at Maupin.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Criterion Ridg, Carlson Farm, VTHM Trough, etc.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like East Dome, Lakeview Peak, Pilot Rock, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HDLH Hailey, A11A Hall Mountain, B3M Basso Peak, etc.

DJA 05:23:55:26.292Sx119.79E, h5km, MLv3.6/6, Sulawesi
Code Station Name Az AzZ Phase ID Time Res
TTSI Tana Toraja 0.13 16Z Op P 23 55 31.9 +1.5

ISCJB 06:00:03:17.3... Error ellipse: s-maj=8.5km s-min=3.8km az=139.7
CSEM 06:00:03:17.3... DDA 06:00:03:17.2... ISK 06:00:03:17.4... ISC 06:00:03:17.7...

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SART Tekirdag, SART SART, SART SARKOY, etc.

ISCJB 06:00:25:39.6... Error ellipse: s-maj=6.4km s-min=3.0km az=179.0
PRU 06:00:25:39.6... CSEM 06:00:25:39.6... WAR 06:00:25:39.1...

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like OJC Ojcow, OJC OJC, OKC Ostrava-Krasne, etc.

Table with columns: Code, Station Name, Az, AzP, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like FUR Furstenfeldbru, WET Wetzell, NKC Novy Kostel, etc.

Table with columns: Code, Station Name, Az, AzP, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like VAE Valguarnera, VAE Valguarnera, VAE Valguarnera, etc.

Table with columns: Code, Station Name, Az, AzP, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like HAU Haudompre, HAU Haudompre, HAU Haudompre, etc.

ISC 02:06:36.32 2.0, 7.34141N-24.93E, h0km, mb4.2/15, mb1.4/30, mb1mx4.2/26, mb1mp4.2/20, ML4.3/6, Error ellipse: s-maj=16.0km s-min=13.7km az=141.0

ISC 02:06:36.34 6.1, 5.34737N-0.04-25.10E-0.04, h29km, 11km, mb4.2/34, MS3.2/3, Error ellipse: s-maj=7.4km s-min=5.5km az=7.7

MOS 02:06:36.34 1.1, 34.351N-25.14E, h26km, mb4.4/22, Error ellipse: s-maj=8.0km s-min=4.0km az=112.4

Table with columns: Code, Station Name, Az, AzP, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like IDC, ISC, MOS, NEIC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Saint Gilles, Quistinic, Rostrenen, Kangasniemi, etc.

ISCJB 06 02:48:36.9.1.8, 35.3N:0.2:81.4E:0.2, h10km, mb3.3/2, Error ellipse: s-maj=31.2km s-min=14.9km az=29.2

IDC 06 02:48:36.7.2.2, 35.34N:81.39E, h0km, mb3.4/2, mb1 3.5/4, mb1mx3.2/22, mbtm3.3/54, ML3.6/2, Error ellipse: s-maj=48.2km s-min=30.6km az=142.0

BUII 06 02:48:40.8, 35.76N:81.77E, h13km, mb4.2/1, ML3.6/4

ISC 06 02:48:38.5.1.8, 35.4N:0.2:81.5E:0.1, h10km, n6, e174/6, mb3.3/2, Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Kashi, Boshof, Mankanchi Array, etc.

ISCJB 06 02:49:03.2.0.8, 49.1N:0.1:152.0E:0.1, h300km, 7km,

mb3.2/8, Error ellipse: s-maj=22.2km s-min=8.0km az=156.8
MOS 06 02:49:03.8.1.5, 49.12N:151.88E, h309km, mb3.5/2, Error ellipse: s-maj=17.5km s-min=13.4km az=61.9
NEIC 06 02:49:04.7.1.0, 49.31N:151.61E, h290km, 12km, mb3.5/2, Error ellipse: s-maj=19.1km s-min=9.3km az=151.0
IDC 06 02:49:04.8.2.6, 49.29N:151.61E, h289km, 25km, mb3.1/8, mb1 3.2/10, mb1mx3.0/26, mbtm3.0/10, Error ellipse: s-maj=37.0km s-min=13.4km az=164.0
ISC 06 02:49:04.0.4.0, 49.3N:0.1:151.8E:0.1, h287km, 7km, n21, e059.95, mb3.2/8, 3C, Northwest of Kuril Islands

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

ISK 06 03:04:22.0, 36.93N:29.24E, h5km, MD3.1
ISCJB 06 03:04:23.6.0.5, 36.94N:0.03:29.24E:0.04, h10km, Error ellipse: s-maj=5.2km s-min=5.1km az=14.5
CSEM 06 03:04:23.0.1.3, 36.95N:29.24E, h5km, MD3.1, Error ellipse: s-maj=3.5km s-min=3.3km az=173.0
DDA 06 03:04:24.9, 37.05N:29.18E, h7km, 6km, MD2.9
ISC 06 03:04:23.6.0.5, 36.95N:0.03:29.24E:0.04, h2km, 6km, n37, e062/45, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Gihisar, Fethiye, Daluyan (Mudlia), etc.

ISCJB 06 03:20:36.8.0.6, 36.08N:0.04:106.35E:0.04, h10km, Error ellipse: s-maj=6.0km s-min=4.8km az=26.0
IDC 06 03:20:40.0, 10.0, 36.26N:106.08E, h0km, mb3.0/2, mb1 3.2/3, mb1mx3.1/23, mbtm3.2/3, ML3.0/1, Error ellipse: s-maj=153.7km s-min=49.7km az=118.0
BUII 06 03:20:42.5, 36.14N:106.11E, h13km, MB4.3/1, mb3.8/1, ML3.5/15, M57 3.0/1

ISC 06 03:20:39.4.0.5, 36.11N:0.04:106.31E:0.04, h10km, n9, e118/20, 1C, Western Nei Mongol

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

ISCJB 06 03:20:36.8.0.6, 36.08N:0.04:106.35E:0.04, h10km, Error ellipse: s-maj=6.0km s-min=4.8km az=26.0

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

NEIC 06 03:57:40.2, 18.84N:69.61W, h99km, MD4.0 (RSPR), After RSPR
RSPR 06 03:57:40.2, 18.84N:69.61W, h99km, 6km, MD4.0/6, MD4.0/6, 6C, Dominican Republic region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Punta Cana, DR, Caba de Saban, etc.

DJA 06 04:09:33.2, 287S:120.08E, h10km, MLv3.9/3, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Tana Toraja, Sidrap Talaja, etc.

SKO 06 04:18:39.9, 42.03N:20.21E, h0km, M2.4, ML2.7
ISCJB 06 04:18:40.6.0.4, 41.96N:0.02:20.33E:0.02, h0km, 4km, Error ellipse: s-maj=4.2km s-min=2.4km az=34.2
PDG 06 04:18:40.8.0.4, 41.95N:20.29E, h9km, 1km, MD2.7/1, ML2.7/9, Error ellipse: s-maj=0.9km s-min=1.0km az=0.0
CSEM 06 04:18:40.3.0.2, 41.94N:20.26E, h2km, ML2.7/9, Error ellipse: s-maj=4.6km s-min=2.6km az=36.0

BEO 06 04:18:40.3.0.2, 42.00N:20.34E, h12km, 4km, ML2.5/5
ISC 06 04:18:41.7.0.4, 41.95N:0.02:20.33E:0.03, h6km, 4km, n57, e126/96, 10C-10D, Albania

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

SKO comp=E, 133nm, 0.3s elg 04 19 10.0

SKO comp=N, 182nm, 0.3s elg 04 18 57.0 -0.6

SKO comp=E, 133nm, 0.3s elg 04 19 09.2

SKO comp=N, 182nm, 0.3s elg 04 19 09.9

SKO comp=N, 133nm, 0.3s elg 04 18 56.9 -0.6

SKO comp=N, 182nm, 0.3s elg 04 19 09.3 +1.0

KRUS Krusevo 0.90 130 i Pg 04 18 57.9 -1.1

KRUS Krusevo 0.90 130 i Pg 04 19 11.3 +0.7

KRUS comp=E, 53nm, 0.2s elg 04 19 12.3

KRUS comp=N, 48nm, 0.2s elg 04 18 57.9 -1.0

KRUS Krusevo 0.90 130 i Pg 04 18 57.8 -1.1

KRUS Krusevo 0.90 130 i Pg 04 19 11.2 +0.6

KRUS comp=N, 53nm, 0.2s elg 04 19 12.0

OHR Ohrid 0.91 157 i Pg 04 18 57.9 -1.2

OHR Ohrid 0.91 157 i Pg 04 19 12.9 +2.0

OHR Ohrid 0.91 157 i Pg 04 18 57.9 -1.2

OHR Ohrid 0.91 157 i Pg 04 19 12.8 +1.9

PDG Podgorica 0.93 301 i Pg 04 18 57.0 -2.5

PDG Podgorica 0.93 301 i Pg 04 18 57.0 -2.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NKY Niksic, SJES Sjenica, BARS Barje, FNA Florina, HCY Herceg Novi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MRZ Mangatainoka R, TIWZ Tintock, HOWZ Holdsworth Sta, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HOWZ Holdsworth Sta, OGWZ Otaki George, KIWI Kapiti Island, etc.

IDC 06 04:52:59.41.0.32,76N.90.11E, h0km, mb3.7/4, mb1 3.7/6, mb1mx3.5/22, mbtmp3.6/6, ML3.1/2, MS2.9/1, Ms1 2.9/1, ms1mx2.3/43, Error ellipse: s-maj=5.7km s-min=21.1km az=57.0, Xizang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, AAK Ala-Kurcho, KURK Kurchatov, ZALV Zalesovo Beam, WRA Warramunga Arr, ASAR Alice Springs, TORD Torodi Ar, Bea.

NEIC 06 05:32:37.6.17.89N:100.27W, h56km, MD3.7(MEX), After MEX. MEX 06 05:32:37.5.0.7.17,92N x 100.29W, h54km, 11km, MD3.7, Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MEIG Mezcala, CAIG El Cayaco, CAIG El Cayaco, PLIG Platanillo, etc.

NEIC 06 06:44:08.2.38.14S:176.65E, h125km, MG3.7(WEL), After WEL. WEL 06 06:44:04.0.2.37,93S x 176.62E, h151km, 1km, ML3.9/20, 20C-6D, Error ellipse: s-maj=1.4km s-min=1.3km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OPRZ Ohinepanea, EDPRZ Edgumbe, EDPRZ Edgumbe, KARZ Kaharoa, etc.

IDC 06 05:10:37.9.1.6.2,00N:128.91E, h0km, mb3.4/4, mb1 3.6/4, mb1mx3.4/15, mbtmp3.4/4, Error ellipse: s-maj=123.8km s-min=21.9km az=72.0, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, SONM Songino Array, MKAR Makanchi Array, PGC 06 05:12:06.2.2.0.49,08N:129.66W, h10km, ML2.9/12, Mw3.5, 10D, 241km southwest of Pt. Hardy, BC, Vancouver Island Region, Vancouver Island Region

NEIC 06 05:29:31.5.35.39S:177.71E, h254km, MG4.0(WEL), After WEL. WEL 06 05:29:37.4.0.6.35,80S x 177.75E, h229km, 7km, ML3.9/13, 1C-1D, Error ellipse: s-maj=9.7km s-min=8.5km az=90.0, Off east coast of North Island

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

DDA 06 07:23:03.8.38.37N:28.60E, h9km, 1km, MD2.7, ISK 06 07:23:03.8.38.38N:28.57E, h6km, MD2.9, ISCBJ 06 07:23:04.0.0.5.38.36N:0.02:28.59E:0.03, h6km, 4km, Error ellipse: s-maj=4.2km s-min=4.0km az=140.0, CSEM 06 07:23:04.3.0.1.38.37N:28.60E, h8km, MD2.7, Error ellipse: s-maj=1.7km s-min=1.6km az=4.0, ISC 06 07:23:04.5.0.4.38.37N:0.02:28.59E:0.03, h9km, 4km, n28.0:47/46, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MANT Manisa, KULA Kula-Manisa, DEMI Demirci, DEMI Demirci, DENT Denizli, etc.

SZGRF 06 07:23:21.9.51.51N:179.71E, h33km, mb5.0, MS4.4, Rat Islands, Aleutian Islands, United States

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, MXZ Matakaoa Point, PUKETTI Puketiti, URZ Urewera, URZ Urewera, MWZ Matawai, MWZ Matawai, CWGZ Carnagh Statio, etc.

MOS 06 07:23:22.7.0.9.51.71N:179.31E, h33km, mb5.2/102, MS4.4/18, Error ellipse: s-maj=7.3km s-min=4.4km az=91.5, DJA 06 07:23:24.51.42N:179.12E, h30km, mb5.3/12, BUJ 06 07:23:24.7.52.02N:179.06E, h45km, mb5.0/26, mb5.3/49, Ms4.8/40, Ms7.4/538, ISCBJ 06 07:23:25.7.0.1.51.62N:0.03:179.34E:0.1, h2km, mb5.1/278, Error ellipse: s-maj=4.4km s-min=1.7km az=6.4, GCMT 06 07:23:27.3.0.1.51.47N:179.33E, h64km, 1km, MW5.4/93, Moment Tensor Solution, s88:c136, s93:c136, Duration: 1s3 Moment tensor, Scale 10^17Nm, M0=0.41±0.3; M1=0.92±0.3; M2=1.34±0.3; M3=0.65±0.2; M4=1.00±0.3; M5=0.26±0.3; Best double couple: M0:1.69900x10^17 Np1:118.00000; s70.00000; lambda=159.00000; N=0.0330, Plg61.0000; Azm160.0000; P=-1.6820, Plg29.0000; Azm339.0000; nstla refers to body waves, cutoff=40s. nst2a refers to surface waves, cutoff=50s.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TRVZ Turoa, WNVZ Wahianoa, WNVZ Wahianoa, MWVZ Mowahango, MWVZ Mowahango, OTAZ Otara, OTAZ Otara, PKVZ Pokaka, PKVZ Pokaka, PKVZ Mangateitei, etc.

IDC 06 07:23:27.3.0.5.51.68N:179.25E, h64km, 3km, mb4.7/26, mb1 4.9/28, mb1mx4.8/31, mbtmp4.7/28, MS4.3/22, Ms1 4.3/22, ms1mx4.2/35, Error ellipse: s-maj=12.2km s-min=7.7km az=173.0, NEIC 06 07:23:27.3.0.1.51.61N:179.28E, mb5.0/185, ML5.1(AEIC), Error ellipse: s-maj=4.8km s-min=2.1km az=182.0, ISC 06 07:23:27.6.0.1.51.66N:0.03:179.32E:0.02, h64km, h64km, 6km, pP-P, n1066, d0977/1050, mb5.1/278, 362C-328D, Rat Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SZGRF 06 07:23:21.9.51.51N:179.71E, h33km, mb5.0, MS4.4, Rat Islands, Aleutian Islands, United States, MOS 06 07:23:22.7.0.9.51.71N:179.31E, h33km, mb5.2/102, MS4.4/18, Error ellipse: s-maj=7.3km s-min=4.4km az=91.5, DJA 06 07:23:24.51.42N:179.12E, h30km, mb5.3/12, BUJ 06 07:23:24.7.52.02N:179.06E, h45km, mb5.0/26, mb5.3/49, Ms4.8/40, Ms7.4/538, ISCBJ 06 07:23:25.7.0.1.51.62N:0.03:179.34E:0.1, h2km, mb5.1/278, Error ellipse: s-maj=4.4km s-min=1.7km az=6.4, GCMT 06 07:23:27.3.0.1.51.47N:179.33E, h64km, 1km, MW5.4/93, Moment Tensor Solution, s88:c136, s93:c136, Duration: 1s3 Moment tensor, Scale 10^17Nm, M0=0.41±0.3; M1=0.92±0.3; M2=1.34±0.3; M3=0.65±0.2; M4=1.00±0.3; M5=0.26±0.3; Best double couple: M0:1.69900x10^17 Np1:118.00000; s70.00000; lambda=159.00000; N=0.0330, Plg61.0000; Azm160.0000; P=-1.6820, Plg29.0000; Azm339.0000; nstla refers to body waves, cutoff=40s. nst2a refers to surface waves, cutoff=50s.

AMKA	Amchitka	0.28	182	P	Pn	07 23 36.4	-1.6
AMKA				S	Sn	07 23 43.2	-2.3
ADK	Adak	2.50	83	P	Pn	07 24 06.4	+0.6
ADK				S	Sn	07 24 36.2	+1.1
ADK	Adak	2.50	83	P	Pn	07 24 06.5	+0.6
ADK				S	Sn	07 24 36.2	+1.1
GSTR	Great Sitkin T	2.90	80	ePn	Pn	07 24 11.7	+0.4
GSTR				eSn	Sn	07 24 48.5	+3.5
SMY	Shemya	3.38	291	P	Pn	07 24 18.8	+0.9
SMY				S	Sn	07 24 58.4	+1.6
ATKA	Atka Island	4.05	80	P	Pn	07 24 27.6	+0.5
NIKO	Nikolski	7.37	75	P	Pn	07 25 12.9	+0.3
AKUT	Akutun	9.35	69	eP	Pn	07 25 42.2	+2.8
FALS	False Pass	10.83	66	eP	Pn	07 26 01.4	+1.8
SDPT	Sand Point	12.57	65	eP	Pn	07 26 23.1	-0.3
PET	Petropavlovsk	12.71	284	eP	Pn	07 26 26.4	+1.2
PET				eS	Sn	07 28 46.9	+2.1
PET	comp=Z,500nm,4.6s				pmax		
PET	comp=Z,200nm,16.0s				pmax		
PET	comp=Z,37nm,0.7s				MLR		
PET	comp=Z,2um,21.0s				MLR		
PET	comp=Z,2um,20.0s				MLR		
PET	comp=N,13nm,0.3s				smax		
PET	Petropavlovsk	12.71	284	ePn	Pn	07 26 26.5	+1.3
GAMB	Gambell	13.04	18	ePn	Pn	07 26 33.5	+3.8
PEAOB	Petropavlovsk-	13.28	285	ePn	Pn	07 26 33.9	+0.9
PEAOB				S	Sn	07 28 53.4	-5.3
PETK	Petropavlovsk-	13.28	285	P	Pn	07 26 33.7	+0.7
PETK				S	Sn	07 28 52.5	-6.2
PETK	Petropavlovsk-	13.28	285	P	Pn	07 26 33.7	+0.7
PETK	comp=N,2.0nm,0.3s,baz=83,slow=15,SNR=19				S	07 28 52.5	-6.2
PETK	comp=N,1.0nm,0.3s,baz=250,slow=21,SNR=45				S	07 31 58.0	+0.2
PETK	comp=N,0.2nm,0.3s,baz=83,slow=4,SNR=4.9				ScP	07 35 25.3	+0.1
PETK	comp=N,0.1nm,0.3s,baz=80,slow=1.2,SNR=4.6				ScP	07 35 25.3	+0.1
PETK	Petropavlovsk-	13.28	285	P	Pn	07 26 33.7	+0.7
PETK				S	Sn	07 28 52.5	-6.2
PETK				PcP	PcP	07 31 58.0	+0.2
PETK				ScP	ScP	07 35 25.3	+0.1
CHGN	Chignik	13.88	62	ePn	Pn	07 26 40.1	-0.8
TNA	Tin City	15.39	20	eP	Pn	07 27 04.4	+3.8
TNA	comp=N,668nm,1.7s				eS	07 30 02.2	-0.3
TNA					ePcP	07 32 01.0	+0.6
SVW2	Sparrevohn	16.70	46	eP	Pn	07 27 20.3	+3.2
KDAK	Kodiak Island	17.27	58	Pn	Pn	07 27 23.0	-1.1
KDAK	comp=N,2um,0.5s,SNR=54				Pn	07 27 22.8	-1.3
KDAK	Kodiak Island	17.27	58	P	Pn	07 27 22.8	-1.3
KDAK	comp=Z,59nm,0.3s				Pn	07 27 22.8	-1.3
KDAK	Kodiak Island	17.27	58	Pn	Pn	07 27 22.8	-1.3
KDAK	comp=Z,59nm,0.3s,baz=267,slow=7,SNR=16				Pn	07 27 22.7	-1.4
BILL	Bilibino	17.62	344	ijP	Pn	07 27 31.0	+2.7
BILL					pmax		
BILL	comp=Z,130nm,0.8s				MLR		
BILL	comp=Z,400nm,15.0s				MLR		
BILL	Bilibino	17.62	344	ePn	Pn	07 27 31.1	+2.8
BILL	comp=Z,76nm,0.6s				S	07 30 53.8	+6.0
RSO	Redoubt South	17.79	49	ePn	Pn	07 27 33.4	+3.0
SEY	Seymchan	18.25	319	eP	Pn	07 27 36.7	+0.6
PPLA	Purkeypile	18.89	42	eP	Pn	07 27 45.7	+2.0
PPLA	comp=Z,81nm,0.8s				S	07 31 22.5	+0.9
CHUM	Lake Minchum	19.25	40	eP	Pn	07 27 49.4	+1.4
CHUM	comp=Z,30nm,0.6s				S	07 31 20.2	-0.5
CHUM					ePcP	07 32 07.3	+0.7
SEW	Seward	19.29	52	eP	Pn	07 27 46.8	-1.7
RC01	Rabbit Creek A	19.38	49	eP	Pn	07 27 49.3	-0.3
RC01	comp=Z,38nm,0.7s				ePcP	07 32 06.3	-0.5
KTH	Kantishna Hill	19.68	41	eP	Pn	07 27 53.4	+0.4
KTH	comp=Z,177nm,0.9s				S	07 31 32.8	+3.6
KTH	Palmer	19.80	48	eP	Pn	07 27 54.5	0.0
KTH					pmax		
KTH	Palmer	19.80	48	eP	Pn	07 27 54.5	0.0
KTH	comp=Z,12nm,0.6s				Pn	07 27 54.5	0.0
KTH	comp=Z,12nm,0.6s				PcP	07 32 07.8	+0.2
KTH	TRF	19.90	42	eP	Pn	07 27 54.9	-0.7
MCK	McKinley	20.57	42	eP	Pn	07 28 01.1	+0.4
MCK	comp=Z,46nm,0.8s				pmax		
MCK	McKinley	20.57	42	eP	P	07 28 01.1	+0.4
MCK	comp=Z,46nm,0.8s				P	07 28 01.1	+0.4
DIV	Divide	21.27	50	eP	P	07 28 08.8	+0.5
DIV	comp=Z,279nm,1.7s,mb5.3				P	07 28 11.6	+1.7
COLA	College	21.43	39d	ijP	P	07 28 11.6	+1.7
COLA					P	07 28 11.6	+1.7
COLA	comp=Z,42nm,0.8s,mb4.8				eS	07 32 05.1	+1.4
COLA	Coldfoot	21.63	32	eP	P	07 28 15.1	+3.0
COLA	comp=Z,27nm,0.9s,mb4.7				eP	07 28 14.1	+0.1
BMRM	Bremner River	21.80	51	eP	P	07 28 14.1	+0.1
BMRM	comp=Z,79nm,0.7s,mb5.2				eP	07 28 14.2	+0.1
PAX	Paxson	21.82	45	eP	P	07 28 14.2	+0.1
PAX	comp=Z,74nm,0.8s,mb5.2				eP	07 28 14.2	+0.1
PAX	Paxson	21.82	45	eP	P	07 28 23.0	+0.7
PAX	comp=Z,74nm,0.8s,mb5.2				PcP	07 32 12.7	+0.2
MENT	Mentasta	22.59	46	eP	P	07 28 31.3	-0.7
MENT					eS	07 32 39.5	-1.6
YUK	Yuzh-Kuril'sk	23.55	264	eP	Pn		
YUK					pmax		
YUK	comp=Z,140nm,0.4s,mb5.7				pmax		
YUK	comp=Z,2um,2.3s,mb6.1				smax		
YUK	comp=E,2um,4.0s				smax		
YUK	comp=N,2um,3.0s				smax		
EGAK	Eagle	24.12	42	eP	P	07 28 37.1	+0.2
EGAK	comp=N,80nm,0.7s,mb5.3				eP	07 28 37.1	+0.2
YSS	Yuzh-Sakhalins	24.12	273	eP	P	07 28 37.1	+0.2
YSS					ePcP	07 32 49.0	-1.3
YSS					S	07 32 07.0	
YSS	comp=N,20nm,0.7s				pmax		
YSS	comp=E,50nm,0.7s				pmax		
YSS	comp=Z,60nm,0.7s,mb5.1				smax		
YSS	comp=N,60nm,6.0s				smax		
YSS	comp=E,80nm,6.0s				MLR		
YSS	comp=N,400nm,12.0s				MLR		
YSS	comp=E,400nm,12.0s				MLR		
YSS	comp=Z,50nm,12.0s				MLR		
YSS	Yuzh-Sakhalins	24.12	273	eP	P	07 28 38.0	+0.8
PNL	Peninsula	24.27	55	eP	P	07 28 37.7	-0.7
PNL	comp=Z,48nm,0.8s,mb5.0				P	07 28 42.8	+0.4
DAWY	Dawson	24.71	44	eP	P	07 28 47.3	+0.1
HTY	Haines Junctio	25.24	52	eP	P	07 28 50.7	+0.7
ASAJ	Asahikawa	25.54	267	P	P		
ASAJ					pmax		
ASAJ	comp=Z,25nm,0.6s				P	07 28 50.6	+0.6
ASAJ	comp=Z,25nm,0.6s,mb4.9,baz=76,slow=6.9,SNR=39				P	07 28 50.6	+0.6

ERM	Erimo	26.30	263	P	P	07 28 59.7	+2.7	
ERM	comp=Z,160nm,0.8s,mb5.6,SNR=7.0				PcP			
ERM	Erimo	26.30	263	P	P	07 28 59.2	+2.2	
ERM	Inuvik	27.91	36	eP	P	07 29 11.3	+0.2	
ERM					P	07 32 26.6		
ERM	comp=Z,13nm,0.6s				pmax			
ERM	Inuvik	27.91	36	P	P	07 29 11.8	+0.7	
ERM	comp=Z,12nm,0.5s,mb4.8,baz=253,slow=8.6,SNR=59				PcP	07 32 26.6	+1.7	
ERM	comp=Z,3.4nm,0.6s,baz=349,slow=3.5,SNR=4.5				ScP	07 35 57.8	-2.0	
ERM	comp=Z,9.0nm,1.0s,baz=276,slow=3.9,SNR=12				LR	07 40 45.6		
ERM	comp=Z,709nm,21.8s,baz=249,slow=37				LR	07 29 11.3	+0.2	
ERM	Inuvik	27.91	36	eP	P	07 29 11.3	+0.2	
ERM	comp=Z,13nm,0.6s,mb4.8				PcP	07 32 26.6	+1.7	
ERM					ScP	07 35 57.8	-2.0	
ERM					LR	07 40 45.6		
ERM	HABR	28.26	281	eP	P	07 29 13.8	-0.7	
ERM					ePcP	07 29 28.3	-1.7	
ERM	HABR				e	07 30 05.3		
ERM	HABR				eS	07 32 25.3		
ERM	HABR				eSS	07 35 20.3	-3.7	
ERM	HABR				e	07 39 53.9		
ERM	comp=E,49nm,1.8s				pmax			
ERM	comp=N,20nm,2.0s				pmax			
ERM	HABR	comp=Z,59nm,1.7s,mb4.9			pmax			
ERM	HABR	comp=Z,277nm,16.0s			MLR			
ERM	Yakutsk	28.34	311	eP	P	07 29 14.1	-1.0	
ERM					e	07 30 08.6		
ERM	YAK				e	07 32 26.6		
ERM	YAK				S	07 33 54.3	-2.5	
ERM	YAK				eSS	07 35 18.3	-4.0	
ERM	YAK				e	07 39 57.0		
ERM	comp=Z,15nm,0.8s,mb4.7				pmax			
ERM	YAK	comp=E,7.0nm,1.1s			pmax			
ERM	YAK	comp=Z,16nm,0.9s,mb4.7			pmax			
ERM	YAK	comp=N,11nm,1.5s			pmax			
ERM	YAK	comp=E,15nm,0.9s			smax			
ERM	YAK	comp=N,60nm,1.9s			smax			
ERM	Yakutsk	28.34	311	eP	P	07 29 14.7	-0.4	
ERM	comp=Z,41nm,0.7s,mb5.2				P	07 29 21.2	-1.3	
ERM	DLBC	29.19	57	P	P	07 29 21.2	-1.3	
ERM	comp=E,1.2nm,0.5s,mb3.9,baz=212,slow=8.6,SNR=6.7				PcP	07 32 28.6	+0.4	
ERM	DLBC	comp=E,3.3nm,0.8s,baz=242,slow=0.8,SNR=4.5			ScP	07 36 02.5	-1.5	
ERM	DLBC	comp=E,3.8nm,0.8s,baz=359,slow=2.3,SNR=7.5			LR	07 42 09.3		
ERM	DLBC	comp=E,877nm,19.5s,baz=272,slow=38			PcP	07 29 21.2	-1.3	
ERM	DLBC	29.19	57	P	P	07 29 21.2	-1.3	
ERM	DLBC	comp=Z,12nm,0.5s,mb4.5			PcP	07 32 28.6	+0.4	
ERM	DLBC	comp=Z,12nm,0.5s,mb4.5			LR	07 42 09.3		
ERM	TIXI	29.81	331	d	P	07 29 27.5	-0.5	
ERM	TIXI				ePcP	07 29 42.3	-1.2	
ERM	TIXI				eS	07 34 21.0	+1.4	
ERM	TIXI	comp=Z,5.0nm,0.5s,mb4.5			pmax			
ERM	TIXI	comp=Z,384nm,16.0s			MLR			
ERM	TIXI	Tiksi	29.81	331	eP	P	07 29 28.2	+0.2
ERM	TIXI	comp=Z,71nm,1.8s,mb5.1			P	07 29 25.1	-4.5	
ERM	KLR	Kul'dur	29.97	284	ijP	P	07 34 18.0	-4.5
ERM	KLR				eS	07 36 26.5	-5.4	
ERM	KLR				eSS			
ERM	KLR	comp=E,72nm,1.4s			pmax			
ERM	KLR	comp=Z,140nm,1.4s,mb5.5			smax			
ERM	KLR	comp=N,800nm,7.0s			smax			
ERM	KLR	comp=E,600nm,7.0s			MLR			
ERM	KLR	comp=E,500nm,13.0s			MLR			
ERM	KLR	comp=Z,900nm,13.0s			MLR			
ERM	MAJO	Matsushiro	32.67	259	eP	P	07 29 54.3	+0.8
ERM	MAJO	comp=Z,20nm,1.0s,						

6d 7h

2008 APR

212

K05A	baz=40	↑ScP	ScP	07 36 44.0 -1.0
I07A	izee baz=40,SNR=9.4	40.65 76	↑P	P 07 31 01.8 +0.7
I07A	baz=40	↑PcP	PcP	07 33 02.3 +0.5
I07A	baz=40	↑ScP	ScP	07 36 45.3 -0.1
B12A	Libby baz=40,SNR=5.1	40.67 68	↑ScP	ScP 07 36 44.7 -0.7
J06A	Christmas Vall baz=41,SNR=12	40.71 77	↑P	P 07 31 02.6 +0.9
J06A	baz=41	↑PcP	PcP	07 33 02.6 +0.6
J06A	baz=41	↑ScP	ScP	07 36 44.9 -0.7
F09A	S2 Ranch, Elgi baz=41,SNR=7.0	40.73 73	↑P	P 07 31 02.0 +0.2
F09A	baz=41	↑ScP	ScP	07 36 45.2 -0.5
WDC	Whiskeytown Da comp=Z,12nm,0.8s,mb4.6	40.77 82	eP	pmax 07 31 03.4 +1.2
WDC	Whiskeytown Da comp=Z,12nm,0.8s,mb4.6	40.77 82	eP	P 07 31 03.4 +1.2
E10A	Myers Farm, Un baz=41	40.80 71	↑P	P 07 31 01.8 -0.5
E10A	baz=41	↑ScP	ScP	07 36 45.3 -0.7
D11A	Klaveano Farm, baz=41,SNR=8.3	40.96 70	↑P	P 07 31 02.6 -1.1
D11A	baz=41	↑PcP	PcP	07 33 03.0 +0.2
D11A	baz=41	↑ScP	ScP	07 36 45.6 -0.9
F10A	Beach Ranch, E baz=41	40.99 72	↑PcP	PcP 07 33 03.6 +0.7
F10A	baz=41	↑ScP	ScP	07 36 46.1 -0.6
G09A	baz=41,SNR=9.3	41.03 73	↑P	P 07 31 04.0 -0.3
G09A	Cove baz=41,SNR=7.1	41.03 73	↑P	P 07 31 04.0 -0.3
G09A	baz=41	↑ScP	ScP	07 36 46.1 -0.8
LTIM	Timbered Crate baz=41,SNR=7.6	41.07 81	↑P	P 07 31 05.8 +1.1
A13A	Flathead Natio baz=41,SNR=7.6	41.12 67	↑P	P 07 31 04.2 -0.8
A13A	baz=41	↑ScP	ScP	07 36 45.3 -1.8
C12B	Naegeli Ranch, baz=41,SNR=22	41.12 69	↑P	P 07 31 04.2 -0.8
C12B	baz=41	↑PcP	PcP	07 33 03.8 +0.6
C12B	baz=41	↑ScP	ScP	07 36 46.3 -0.9
I08A	Drewsey baz=41,SNR=9.1	41.30 75	↑P	P 07 31 07.5 +0.9
I08A	baz=41	↑PcP	PcP	07 33 04.7 +0.8
WALA	Waterton Lakes comp=Z,0.4nm,0.9s	41.34 66	eP	P 07 31 06.5 -0.2
MOD	Modoc comp=Z,28nm,0.6s,mb5.1	41.38 79	eP	P 07 31 08.4 +1.2
E11A	Bogner Ranch, baz=41	41.39 71	↑P	P 07 31 06.5 -0.7
E11A	baz=41	↑PcP	PcP	07 33 04.3 +0.1
E11A	baz=41	↑ScP	ScP	07 36 46.9 -1.5
G10A	Bishop Farm, J baz=41	41.42 73	↑P	P 07 31 03.6 -3.9
G10A	baz=41	↑ScP	ScP	07 36 46.2 -2.2
H09A	Durkee baz=41	41.44 74	↑P	P 07 31 07.4 -0.2
H09A	baz=41	↑ScP	ScP	07 36 47.4 -1.1
BSMT	Bassoo Peak baz=41	41.45 68	↑P	P 07 31 07.5 -0.2
D12A	Red Ives Fores baz=41	41.53 70	↑P	P 07 31 06.6 -1.8
D12A	baz=41	↑ScP	ScP	07 36 47.6 -1.3
BMO	Blue Mountains comp=Z,8.7nm,0.7s,mb4.5	41.55 73	eP	P 07 31 08.9 +0.3
K07A	Rock Creek Ran baz=42,SNR=52	41.58 77	↑P	P 07 31 09.4 +0.6
K07A	baz=42	↑PcP	PcP	07 33 05.8 +1.0
K07A	baz=42	↑ScP	ScP	07 36 48.4 -0.7
C13A	Hot Springs baz=42,SNR=9.1	41.66 68	↑P	P 07 31 08.5 -0.9
C13A	baz=42	ScP	ScP	07 36 48.0 -1.3
A14A	Double T Ranch baz=42,SNR=20	41.66 66	↑P	P 07 31 08.7 -0.7
A14A	baz=42	↑ScP	ScP	07 36 48.2 -1.1
J08A	Circle Bar Ran baz=42,SNR=12	41.67 76	↑P	P 07 31 09.6 +0.1
J08A	baz=42	↑PcP	PcP	07 33 06.1 +0.9
J08A	baz=42	↑ScP	ScP	07 36 49.3 -0.1
F11A	Grangeville baz=42,SNR=13	41.67 72	↑P	P 07 31 08.5 -1.1
E12A	Beaver Dam Sad baz=42	41.74 71	↑P	P 07 31 09.5 -0.5
E12A	baz=42	↑ScP	ScP	07 36 48.2 -1.5
I09A	Lost Marbles R baz=42,SNR=6.9	41.77 75	↑P	P 07 31 09.7 -0.6
I09A	baz=42	↑PcP	PcP	07 33 05.7 +0.2
I09A	baz=42	↑ScP	ScP	07 36 49.3 -0.5
JTMT	Jette baz=42,SNR=12	41.79 68	eP	P 07 31 10.2 -0.3
G11A	Walters Elk Ra baz=42,SNR=12	41.87 72	↑P	P 07 31 10.6 -0.5
G11A	baz=42	↑ScP	ScP	07 36 49.8 -0.4
YBMT	Yellow Bay comp=Z,0.3nm,0.6s	41.89 68	eP	P 07 31 11.5 +0.2
L07A	Adell baz=42,SNR=26	41.90 78	↑P	P 07 31 12.3 +0.8
L07A	baz=42	↑ScP	ScP	07 36 49.9 -0.5
B17A	Mann Creek Ran baz=42,SNR=13	42.02 77	↑P	P 07 31 13.3 +1.0
K08A	baz=42	↑PcP	PcP	07 33 06.6 +0.3
K08A	baz=42	↑ScP	ScP	07 36 49.9 -1.0
H10A	Noah's Angus R baz=42	42.02 73	↑P	P 07 31 12.6 +0.2
H10A	baz=42	↑PcP	PcP	07 33 06.4 +0.1
H10A	baz=42	↑ScP	ScP	07 36 49.8 -1.0
D13A	Huson baz=42	42.03 69	↑P	P 07 31 10.4 -2.1
D13A	baz=42	↑ScP	ScP	07 36 49.1 -1.7
A15A	Johnson Ranch, baz=42,SNR=7.6	42.05 66	↑P	P 07 31 11.2 -1.4
A15A	baz=42	↑ScP	ScP	07 36 48.4 -2.5
SWMT	Swartz Lake baz=42	42.08 68	eP	P 07 31 12.1 -0.7
C14A	Swan Lake baz=42	42.09 68	↑P	P 07 31 12.4 -0.5
C14A	baz=42	↑ScP	ScP	07 36 49.3 -1.7
WVOR	Wild Horse Val comp=Z,24nm,0.8s,mb4.9	42.09 77	eP	pP 07 31 13.9 +0.9
WVOR	baz=42	e'PP	pP	07 31 13.9 +0.9
WVOR	baz=42	pmax	pmax	07 31 29.5 +0.4
WVOR	Wild Horse Val comp=Z,24nm,0.8s,mb4.9	42.09 77	eP	P 07 31 13.9 +0.9
WVOR	baz=42	eP	pP	07 31 29.5 +0.4
J09A	Fry Pan Ranch, baz=42,SNR=12	42.11 76	↑P	P 07 31 14.0 +0.9
J09A	baz=42	↑PcP	PcP	07 33 07.4 +0.9
J09A	baz=42	↑ScP	ScP	07 36 51.2 0.0
OHCM	Honcut baz=42,SNR=14	42.16 83	eP	P 07 31 14.3 +0.7
F12A	Elk City baz=42,SNR=17	42.28 71	↑P	P 07 31 14.5 +0.1

F12A	baz=42,SNR=19	42.34 80	↑P	P 07 36 50.6 -1.3
N06A	Buffalo Meadow baz=42,SNR=21	42.34 80	↑P	P 07 31 15.6 +0.6
N06A	baz=42	↑PcP	PcP	07 33 07.0 -0.4
N06A	baz=42	↑ScP	ScP	07 36 51.2 -1.0
M07A	Soldier Meadow baz=42,SNR=100	42.37 79	↑P	P 07 31 16.2 +0.9
M07A	baz=42	↑ScP	ScP	07 36 51.7 -0.6
H11A	Donnelly baz=42,SNR=9.9	42.40 73	↑P	P 07 31 15.4 0.0
H11A	baz=42	↑ScP	ScP	07 36 51.0 -1.4
L08A	Fields baz=42,SNR=7.6	42.41 77	↑P	P 07 31 16.2 +0.6
L08A	baz=42	↑ScP	ScP	07 36 51.8 -0.6
MSO	Missoula comp=Z,4.6nm,0.6s,mb4.3	42.47 69	eP	P 07 31 15.5 -0.6
MSO	baz=42	ePcP	PcP	07 33 07.5 -0.2
B15A	Bradley Ranch, baz=42,SNR=14	42.49 67	↑P	P 07 31 15.0 -1.2
B15A	baz=42	↑PcP	PcP	07 33 07.7 0.0
B15A	baz=42	↑ScP	ScP	07 36 50.3 -2.4
SLMT	Seeley Lake baz=42,SNR=9.7	42.51 68	eP	P 07 31 16.1 -0.3
E13A	Victor baz=42,SNR=13	42.53 70	↑P	P 07 31 15.5 -1.1
E13A	baz=42	↑ScP	ScP	07 36 51.5 -1.4
BEKR	Beckwourth baz=42,SNR=16	42.54 82	↑P	P 07 31 16.1 -0.5
BEKR	baz=42	↑ScP	ScP	07 36 52.0 -1.0
ALE	Alert comp=Z,183nm,0.4s,mb5.2,SNR=30	42.55 10	eP	P 07 31 17.0 +0.7
G12A	Big Creek, Yel baz=42	42.58 72	↑P	P 07 32 52.3 -0.8
D14A	Greenough baz=42,SNR=13	42.59 69	↑P	P 07 31 15.8 -1.2
D14A	baz=42	↑ScP	ScP	07 36 51.1 -2.0
A16A	West Butte Ran baz=43,SNR=18	42.71 65	↑P	P 07 31 15.8 -2.2
A16A	baz=43	ScP	ScP	07 36 52.2 -1.4
C15A	Salmond Ranch, baz=43,SNR=26	42.74 67	↑P	P 07 31 18.0 -0.2
C15A	baz=43	ScP	ScP	07 36 53.1 -0.5
F13A	Darby baz=43,SNR=7.7	42.80 71	↑P	P 07 31 17.9 -0.8
F13A	baz=43	↑PcP	PcP	07 33 08.5 -0.3
F13A	baz=43	↑ScP	ScP	07 36 52.1 -1.9
CHMT	Chamberlain Mo Placerville baz=43,SNR=14	42.83 69	eP	P 07 31 18.4 -0.5
I11A	baz=43	42.87 74	↑P	P 07 31 18.9 -0.4
I11A	baz=43	↑PcP	PcP	07 33 09.4 +0.3
I11A	baz=43	↑ScP	ScP	07 36 53.2 -1.1
B16A	M & M Farms, S baz=43,SNR=7.2	42.92 66	↑P	P 07 36 52.4 -2.0
E14A	Clinton baz=43,SNR=12	42.95 69	↑P	P 07 31 19.7 -0.3
E14A	baz=43	↑ScP	ScP	07 36 53.8 -0.7
K10A	MacKenzie Ranch baz=43,SNR=37	42.97 76	↑P	P 07 31 20.9 +0.8
K10A	baz=43	↑ScP	ScP	07 36 54.0 -0.7
H12A	Diamond D Ranch baz=43,SNR=10.0	43.17 72	↑P	P 07 31 21.5 -0.3
H12A	baz=43	↑ScP	ScP	07 36 54.7 -0.8
D15A	Lincoln baz=43,SNR=7.9	43.18 68	↑P	P 07 31 20.7 -1.1
A17A	Triple J Farms baz=43,SNR=16	43.22 65	↑P	P 07 31 20.4 -1.6
A17A	baz=43	↑PcP	PcP	07 33 10.1 0.0
A17A	baz=43	↑ScP	ScP	07 36 53.2 -2.4
C16A	Fulfinger Ranch baz=43,SNR=10.0	43.22 67	↑P	P 07 31 20.8 -1.3
C16A	baz=43	↑PcP	PcP	07 33 10.4 +0.1
C16A	baz=43	↑ScP	ScP	07 36 53.2 -2.5
MFID	Camas Ranch baz=43,SNR=5.7	43.23 74	↑P	P 07 31 22.0 -0.2
MFID	baz=43	↑ScP	ScP	07 36 54.7 -1.1
PAHR	Pah Rah Range comp=Z,105nm,1.8s,mb5.3	43.24 81	eP	P 07 31 23.3 +1.0
G13A	Cobalt baz=43,SNR=13	43.24 71	↑P	P 07 31 21.4 -0.9
G13A	baz=43	↑PcP	PcP	07 33 10.5 +0.2
G13A	baz=43	↑ScP	ScP	07 36 54.0 -1.7
WCN	Waco City baz=43,SNR=6.1	43.25 82	↑P	P 07 31 23.1 +0.7
F14A	Wisdom baz=43	43.35 70	↑P	P 07 36 55.0 -1.2
I12A	Atlanta baz=43,SNR=30	43.43 74	↑P	P 07 31 23.9 0.0
I12A	baz=43	↑ScP	ScP	07 36 55.7 -0.9
E15A	Deer Lodge baz=43,SNR=10	43.45 69	↑P	P 07 31 22.9 -1.0
E15A	baz=43	↑PcP	PcP	07 33 11.5 +0.5
E15A	baz=43	↑ScP	ScP	07 36 54.6 -1.9
K11A	Parker Ranch, baz=43,SNR=12	43.48 75	↑P	P 07 31 23.6 -0.6
K11A	baz=43	↑PcP	PcP	07 33 11.2 0.0
B17A	L&G Farms, Che baz=43,SNR=10.0	43.50 66	↑P	P 07 31 23.0 -1.3
B17A	baz=43	↑PcP	PcP	07 33 11.0 -0.2
B17A	baz=43	↑ScP	ScP	07 36 54.8 -2.0
H13A	Challis baz=43,SNR=6.1	43.52 72	↑P	P 07 31 23.6 -1.0
H13A	baz=43	↑PcP	PcP	07 33 11.3 0.0
H13A	baz=43	↑ScP	ScP	07 36 55.9 -1.0
L10A	Juniper Basin baz=44,SNR=29	43.61 76	↑P	P 07 31 26.0 +0.7
L10A	baz=44	↑ScP	ScP	07 36 56.9 -0.4
G14A	Jackson baz=44,SNR=15	43.61 71	↑P	P 07 31 24.4 -0.8
CMB	Columbia Colle comp=Z,9.0nm,0.8s,mb4.5	43.64 84	eP	pmax 07 31 26.4 +0.8
D16A	Dana Ranch, Ca baz=44	43.65 67	↑P	P 07 31 26.4 +0.8
D16A	baz=44	↑ScP	ScP	07 33 12.5 +0.5
HRY	Holter Researc comp=Z,0.7nm,0.6s,mb3.6	43.76 68	eP	P 07 31 25.9 -0.5
F12A	Stokes Ranch, baz=44	43.76 74	↑P	P 07 36 57.7 -1.2
J15A	Butte baz=44,SNR=11	43.85 70	↑P	P 07 36 57.0 -1.2
C17A	Wharram Farm, baz=44,SNR=14	43.88 66	↑P	P 07 31 26.0 -1.4
C17A	baz=44	↑ScP	ScP	07 36 56.3 -2.0
LRM	Limekiln Ridge baz=44,SNR=17	43.88 70	eP	P 07 31 27.6 +0.1
M10A	Elk City baz=44,SNR=17	43.90 77	↑P	P 07 31 27.1 -0.5

M10A	baz=44	↑ScP	ScP	07 36 57.5 -1.0
WAKR	Walker baz=44,SNR=8.5	43.94 82	eP	P 07 31 29.1 +1.2
E16A	East Helena baz=44,SNR=8.5	43.95 68	↑P	P 07 31 26.0 -1.9
E16A	baz=44,SNR=22	↑ScP	ScP	07 36 56.0 -2.5
I13A	Wildhorse Cree baz=44,SNR=21	43.97 73	↑P	P 07 31 27.5 -0.6
I13A	baz=44,SNR=18	↑ScP	ScP	07 36 58.3 -0.4
HLID	Hailey baz=44,SNR=21	43.99 73	↑P	P 07 31 28.2 -0.1
HLID	baz=44,SNR=22	↑ScP	ScP	07 36 58.5 -0.4
HLID	Hailey baz=44,SNR=32	43.99 73	eP	P 07 31 28.6 +0.2
L11A	Cat Creek Ranc baz=44,SNR=19	43.99 76	↑P	P 07 31 29.1 +0.7
L11A	baz=44,SNR=19	↑ScP	ScP	07 36 58.3 -0.6
H14A	Leadore baz=44,SNR=25	44.02 71	↑P	P 07 31 28.0 -0.6
H14A	baz=44,SNR=5	↑ScP	ScP	07 36 58.1 -0.8
B18A	Beardley Farm baz=44,SNR=10	44.03 65	↑P	P 07 31 27.5 -1.1
B18A	baz=44,SNR=11	ScP	ScP	07 36 57.1 -1.7
DLMT	Dillon baz=44,SNR=11	44.05 70	eP</	

E18A	baz=45,SNR=15	ScP	07 37 01.4 -1.3
M12A	Wells baz=45,SNR=20	P	07 31 36.8 +0.9
M12A	baz=45,SNR=13	ScP	07 37 02.3 -0.5
QLMT	Earthquake Lak comp=Z,0.3nm,0.8s	P	07 31 36.5 -0.2
QLMT		eP	07 31 53.3 +0.5
QLMT		ePcP	07 33 18.0 +1.5
ULN	Ulaanbaatar SNR=16	P	07 31 37.4 +0.5
ULN		P	07 31 37.7 +0.8
ULN		P	07 31 37.7
P10A	Eureka SNR=12	P	07 31 36.8 -0.3
P10A		ScP	07 37 03.5 +0.2
L13A	Double Diamond baz=45,SNR=18	P	07 31 37.3 -0.1
L13A		ScP	07 37 03.6 +0.1
ELK	Elko SNR=11	P	07 31 37.7 +0.1
ELK		ePP	07 31 54.4 +0.6
G17A	Pierce Place, baz=45	P	07 31 37.5 -0.1
G17A		ScP	07 37 03.7 +0.1
MTUM	Tungsten Hills SNR=6.3	P	07 31 39.2 +1.2
N12A	Clover Valley, SNR=28	P	07 31 37.8 -0.2
N12A		ScP	07 37 04.2 +0.3
N12A	Clover Valley, SNR=8.1	P	07 31 39.0 +0.9
H16A	Russell Place, SNR=19	P	07 31 37.8 -0.3
H16A		ScP	07 37 03.5 -0.4
O11A	Cowboy Ranch, SNR=14	P	07 31 39.5 +1.0
O11A		ScP	07 33 18.0 +0.7
O11A		ScP	07 37 03.8 -0.3
J15A	Blackfoot SNR=8.8	P	07 31 39.2 +0.8
J15A		ScP	07 37 03.3 -0.8
K14A	Jones Ranch, D SNR=12	P	07 37 04.1 -0.2
YMR	Madison River comp=Z,20nm,0.8s,mb5.0	P	07 31 39.4 -0.2
F18A	Big Timber SNR=45	P	07 31 38.1 -1.6
F18A		ScP	07 33 18.2 +0.4
F18A		ScP	07 37 03.3 -1.4
RCTC	Rector, Farmer SNR=6.5	P	07 31 39.2 -0.8
SONM	Songino Array SNR=295	P	07 31 40.7 +0.7
SONM		P	07 37 03.1 +0.2
SONM	Songino Array comp=Z,28nm,0.6s,mb5.3,baz=59,slow=9.2,SNR=186	P	07 31 40.7 +0.7
SONM		P	07 33 18.1 +0.2
SONM	comp=Z,6.5nm,0.6s,baz=57,slow=2.9,SNR=6.0	P	07 37 05.1 +0.3
SONM	comp=Z,4.8nm,0.8s,baz=58,slow=2.7,SNR=20	LR	07 50 56.6
GCMT	Greycliff SNR=45.2	P	07 31 40.4 0.0
GCMT		eScP	07 37 03.9 -1.2
YNR	Norris Junctio SNR=7	P	07 31 42.1 +1.4
I16A	Newdale SNR=45	P	07 31 40.9 +0.2
I16A		ScP	07 37 04.6 -0.7
P11A	Circle Ranch, SNR=8.7	P	07 31 40.4 -0.4
L14A	Malta SNR=19	P	07 31 41.4 +0.4
L14A		ScP	07 37 05.7 +0.3
TIN	Tinemaha SNR=6.4	P	07 31 41.8 +0.7
YFT	Old Faithful SNR=7.8	P	07 31 42.9 +1.8
SMMC	Simmler SNR=46	P	07 31 42.3 +1.0
Q10A	Clear Creek Ra SNR=27	P	07 31 42.2 +1.0
Q10A		ScP	07 37 05.1 -0.5
K15A	Arbon SNR=5.4	P	07 31 42.1 +0.8
K15A		ScP	07 37 05.6 0.0
N13A	Wendover, West SNR=10.0	P	07 31 42.7 +0.7
N13A		ScP	07 37 06.6 +0.6
N13A	Wendover, West SNR=7.7	P	07 31 42.8 +0.8
O12A	Currie SNR=41	P	07 31 43.1 +0.9
O12A		ScP	07 37 06.0 0.0
H17A	Grant Village SNR=15	P	07 31 42.8 +0.2
H17A		ScP	07 37 06.6 +0.4
LKWV	Lake SNR=22	P	07 31 43.4 +0.8
ZAK	Zakamensk SNR=300	P	07 31 43.0 +0.4
ZAK		e	07 33 21.6
ZAK		pmax	
J16A	Bone SNR=12	P	07 31 43.5 +0.6
J16A		ScP	07 37 06.3 -0.1
YES	Vestal, Richgr SNR=9.0	P	07 31 43.0 -0.1
M14A	Sheep Mountain SNR=13	P	07 31 43.5 +0.5
M14A		ScP	07 37 06.2 -0.3
G18A	Lazy EL Ranch, SNR=8.5	P	07 31 42.3 -0.7
G18A		ScP	07 37 05.8 -0.7
IMW	Indian Meadow SNR=46	P	07 31 43.8 +0.6
RR12	Red Ridge SNR=72	P	07 31 44.7 +0.8
PKM	Peak Mountain SNR=87	P	07 31 43.7 -0.6
R10A	Warm Springs SNR=17	P	07 31 44.8 +0.4
R10A		ScP	07 37 06.7 -0.5
HVU	Hansel Valley SNR=8.0	P	07 31 44.9 +0.5
HVU		ePP	07 32 00.6 0.0
HVU		pmax	
HVU	comp=Z,31nm,0.7s,mb5.3	P	07 31 44.9 +0.5
S10A	Tonopah Range, SNR=21	P	07 31 45.4 +0.6
S10A		ScP	07 37 07.0 -0.5
Q11A	Duckwater SNR=7.9	P	07 31 45.0 +0.3
I17A	Pilgrim Ck, SNR=6.4	P	07 31 43.6 -1.1
I17A		ScP	07 37 07.8 +0.4
TPAW	Teton Pass SNR=11	P	07 31 45.7 +0.7
K16A	Soda Springs SNR=12	P	07 31 45.0 0.0
K16A		ScP	07 37 07.1 -0.4
L15A	Malad City SNR=8.7	P	07 31 45.6 +0.4
L15A		ScP	07 37 06.4 -1.2
P12A	McGill SNR=6.0	P	07 31 45.2 -0.1
P12A		ScP	07 37 07.0 -0.7

P12A	baz=46	ScP	07 33 21.2 +0.8
P12A		ScP	07 37 07.0 -0.7
RLMT	baz=46,SNR=11	P	07 31 45.2 -0.1
RLMT	Red Lodge SNR=14	P	07 33 20.5 +0.2
RLMT		ScP	07 33 20.5 +0.2
RLMT	baz=46	ScP	07 37 06.8 -0.8
RLMT	Red Lodge SNR=26	P	07 31 45.1 -0.1
GRAC	Grapevine Rang SNR=10	P	07 31 46.3 +0.8
SNOW	Snow King Moun SNR=10	P	07 31 48.9 +2.9
LOHW	Long Hollow comp=Z,5.6nm,0.7s,mb4.6	P	07 31 46.0 0.0
LOHW		eP	07 32 02.6 +0.3
LOHW		eScP	07 37 07.0 -1.1
LOHW		P	07 31 47.5 +1.6
O13A	Hicks Ranch, I SNR=5.6	P	07 31 46.2 -0.3
O13A		ScP	07 37 07.6 -0.8
O13A	baz=46	ScP	07 37 07.4 -1.0
J17A	Brown Place, J SNR=7.0	P	07 31 47.3 +0.6
MOY	Mondy SNR=303	P	07 31 07.4 +0.6
MOY		pmax	
N14A	comp=Z,64nm,2.5s,mb5.1	P	07 31 47.1 +0.2
N14A	Graylock Hills SNR=16	P	07 37 07.5 -1.1
ISA	baz=46,SNR=9.8	P	07 31 46.5 -0.5
ISA	Isabella SNR=8.3	P	07 31 47.1 +0.2
ISA	Big Grassy Mou SNR=6	P	07 31 47.2 0.0
BGU	comp=Z,17nm,0.7s,mb5.1	P	07 32 03.9 +0.4
M15A	Larsen Ranch, SNR=9.5	P	07 31 47.7 +0.2
M15A		ScP	07 37 09.2 +0.4
R11A	Troy Canyon, C SNR=31	P	07 31 48.0 +0.5
R11A		ScP	07 37 08.4 -0.5
Q12A	baz=46,SNR=8.6	P	07 31 47.0 -0.8
Q12A	Willow Creek R SNR=14	P	07 37 08.4 -0.7
HHC	Hu-ho-hao-tee SNR=284	P	07 31 48.7 +0.7
HHC		P	07 32 04.2 -0.1
HHC		PP	07 33 38.8 +0.9
HHC		SS	07 38 32.6 +1.3
HHC		SS	07 41 35.7 -1.0
HHC		SS	07 41 35.0 -1.4
HHC		pmax	
HHC	comp=Z,38nm,1.2s,mb5.2	pmax	
HHC	comp=Z,300nm,3.3s	LR	
HHC	comp=N,440nm,16.6s	LR	
HHC	comp=E,510nm,13.1s	LR	
SHC	comp=Z,350nm,19.0s	LR	
SOUTH	South Promont SNR=9.0	P	07 31 49.1 +0.9
K17A	Gardner Place, SNR=46	P	07 31 47.6 -1.0
FCC	Fort Churchill SNR=46	P	07 31 48.3 -0.5
I18A	Diamond G Ranch SNR=46	P	07 31 48.6 -0.7
I18A		ScP	07 37 08.5 -1.3
P13A	Bates Ranch, G SNR=25	P	07 31 50.2 +0.6
P13A		ScP	07 37 09.8 -0.2
L16A	Fish Haven SNR=10	P	07 31 50.0 +0.4
L16A		ScP	07 37 09.6 -0.4
MPMC	Manual Prospec SNR=8.6	P	07 31 49.7 0.0
MPMC		ScP	07 37 09.2 -0.9
N15A	Stansbury Isla SNR=5.9	P	07 31 49.5 -0.3
N15A		ScP	07 37 10.0 -0.1
S11A	Rachel SNR=9.6	P	07 31 50.4 +0.2
J18A	Kendall Valley SNR=5.4	P	07 31 49.5 -1.1
J18A		ScP	07 33 23.3 +0.6
J18A		ScP	07 37 09.6 -0.9
FURC	Furnace Creek, SNR=20	P	07 31 50.0 -0.7
FURC		ScP	07 37 10.0 -0.6
HWUT	Hardware Ranch SNR=47	P	07 31 51.6 +0.8
OSI	Osito Adit SNR=47	P	07 31 51.5 +0.4
OSI		P	07 31 52.5 +1.4
LRMC	Laurel Mountai SNR=8.7	P	07 31 51.5 -0.1
DUG	Dugway SNR=40	P	07 31 52.4 +0.7
DUG		ScP	07 37 11.1 -0.1
DUG	Dugway SNR=9.1	P	07 31 52.5 +0.8
L17A	Cokeville SNR=11	P	07 31 52.2 +0.4
L17A		ScP	07 37 10.4 -0.7
LAO	LAZA Array SNR=5.7	P	07 31 51.3 -0.6
LAO	comp=Z,9.7nm,0.7s,mb4.8	P	07 32 08.2 +0.1
Q13A	Wheeler Ranch, SNR=38	P	07 31 52.6 +0.6
Q13A		ScP	07 37 10.9 -0.4
R12A	Pony Springs, SNR=8.0	P	07 31 52.4 +0.2
R12A		ScP	07 37 11.0 -0.5
DGMT	Dagmar SNR=7.1	P	07 33 23.4 -0.2
DGMT		P	07 33 25.0 -0.8
O15A	The Old Anders SNR=47	P	07 31 53.6 +0.6
O15A		ScP	07 37 12.5 +0.7
K18A	Toitan Ranch, SNR=20	P	07 31 53.1 0.0
K18A		ScP	07 37 11.9 +0.1
EDW2	Edwards Air Fo SNR=6.7	P	07 31 52.9 -0.3
U10A	Ash Meadows, A SNR=7.3	P	07 31 53.7 +0.3
P14A	Drum Mountains SNR=29	P	07 31 53.8 +0.4
P14A		ScP	07 37 11.5 -0.6
S12A	Delamar Landin SNR=36	P	07 31 55.2 +0.5
S12A		ScP	07 37 12.3 -0.5
T11A	Corn Creek, A SNR=38	P	07 31 55.2 +0.5
T11A		ScP	07 37 11.7 -1.1
BW06	Boulder Array SNR=6.4	P	07 31 54.4 -0.3
BW06		ScP	07 37 11.4 -1.3
BW06		ScP	07 31 54.5 -0.2
PDAR	Pinedale Array SNR=7.4	P	07 31 54.5 -0.3
PDAR	comp=Z,11nm,0.7s,mb4.9,baz=31.3,slow=3.6,SNR=78	P	07 32 11.1 0.0
PDAR	comp=Z,24nm,0.6s,baz=304,slow=3.6,SNR=16	P	07 37 10.8 -2.0
PDAR	comp=Z,3.8nm,0.9s,baz=236,slow=1.6,SNR=12	LR	07 49 55.3

N16A	comp=Z,371nm,21.1s,baz=307,slow=34	P	07 31 55.1 +0.2
N16A	Rees Ranch, Co SNR=47	P	07 31 56.0 +0.6
Q14A	Sevier Lake (B SNR=39)	P	07 37 12.3 -0.9
Q14A		ScP	07 37 12.3 -0.9
M17A	Scullys Gap (B SNR=8.5)	P	07 31 55.2 -0.5
M17A		ScP	07 37 13.0 -0.3
R13A	baz=47,SNR=8.9	P	07 31 56.9 +0.8
R13A	O'Grain Ranch, SNR=18	P	07 37 13.3 -0.2
R13A		ScP	07 37 13.3 -0.2
JLU	Jordanelle SNR=47	P	07 31 56.9 +0.7
JLU		eP	07 32 13.0 +0.5
JLU		eP	07 33 51.3 +3.5
JLU		pP	07 31 56.8 +0.5
MWC	Mount Wilson SNR=47.52	P	07 31 56.8 +0.5
MWC		eP	07 31 55.9 -0.4
SHOC	Shoshone SNR=47.53	P	07 31 55.9 -0.4
SHOC		ScP	07 37 14.1 +0.4
NLU	North Lily Min SNR=6.5	P	07 31 57.1 +0.7
BTO	Baotou SNR=6.8	P	07 31 57.4 +1.0
L18A	Fontenelle, G SNR=13	P	07 31 56.3 -0.2
L18A		ScP	07 37 13.4 -0.3
GSC	Goldstone SNR=24	P	07 31 56.2 -0.7
GSC		ScP	07 37 12.6 -1.3
GSC	baz=48	P	07 31 57.2 +0.4
NJ2	Nanjing SNR=80	P	07 32 00.9 +3.8
NJ2		P	07 33 52.5 +4.3
NJ2		S	07 38 46.0 -1.9
NJ2		sS	07 39 12.0 -3.5
NJ2		pmax	
NJ2	comp=Z,30nm,0.8s,mb5.4	pmax	
NJ2	comp=Z,10.0nm,4.7s	LR	
NJ2	comp=N,1.1um,21.8s	LR	
NJ2	comp=E,450nm,26.2s	LR	
NJ2		LR	
P15A	comp=Z,690nm,18.1s	P	07 31 57.4 0.0
P15A	Leamington SNR=6.4	P	07 31 57.0 -0.1
N17A	Moffitt Pass SNR=48	P	07 31 14.0 0.0
N17A		ScP	07 37 13.7 -0.6
K19A	Absolon Red Bu SNR=32	P	07 31 56.8 -1.0
K19A		ScP	07 37 12.1 -2.2
O16A	Springville SNR=11	P	07 31 56.8 -1.0
DAU	Daniels Canyon SNR=11	P	07 31 59.1 +1.1
MPU	Mape Canyon SNR=11	P	07 31 59.0 +0.9
SHPR	Sheep Range SNR=6.4	P	07 31 59.0 +0.4
M18A	Lymar SNR=12	P	07 31 58.4 -0.2
M18A		ScP	07 37 14.3 -0.7
L19A	baz=48	P	07 31 58.6 -0.2
L19A	Springville SNR=6.5	ScP	07 37 14.3 -0.6
S13A	Holt Ranch, En SNR=8.4	P	07 31 59.8 +0.3
S13A		ScP	07 37 14.2 -1.2
Q15A	Fillmore SNR=7.8	P	07 31 59.6 0.0
Q15A		ScP	07 37 15.1 -0.4
T12A	Moapa SNR=10	P	07 31 59.7 +0.1
P16A	Fountain Green SNR=48	P	07 32 00.2 +0.2
TUQ	Turquoise Moun SNR=8	P	07 32 00.9 +0.6
ARUT	Antelope Range SNR=48	P	07 32 00.8 +0.3
ARUT		e	07 33 56.8
ARUT		pmax	
ARUT	comp=Z,12nm,0.8s,mb5.0	P	07 32 00.8 +0.3
ARUT	Antelope Range SNR=48	P	07 33 56.8 +4.0
V11A	Goodsprings SNR=13	P	07 32 01.

6d 7h

Table with columns for call sign, name, frequency, power, mode, and coordinates. Includes stations like LDFC Landfair, W12A Cal Nev Ari, S15A Pangitch, etc.

2008 APR

Table with columns for call sign, name, frequency, power, mode, and coordinates. Includes stations like ULM comp=Z,522nm,21.4s, U17A Shonto, U17A Tuba City, etc.

214

Table with columns for call sign, name, frequency, power, mode, and coordinates. Includes stations like XAN comp=Z,5.0nm,1.0s,mb4.4, XAN comp=Z,32nm,6.6s, XAN comp=N,330nm,26.4s, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like LPM, Z21A, BNM, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like GYA, Pcs, Pcs, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like OXF, KAF, KAF, etc.

Table with columns: D10A, Station Name, Time, Res, Pn, Az, Az2, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Wagner Farm, Newport, Walters Elk Ra, etc.

ISCJB 06 09:54:41.7-0.5, 20.20S-0.04-69.17W, 0.08, h107km, 4km, mb3.9/13, Error ellipse: s-maj=13.1km s-min=6.3km az=171.2

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Humberston, Mizee Mizee, Maria Elena, etc.

Table with columns: PLCA, Station Name, Time, Res, Pn, Az, Az2, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Paso Flores, Santo Domingo, Santo Domingo, etc.

NEIC 06 10:01:51.6, 32.74S-71.78W, h21km, ML3.0(GUC), After GUC.

GUC 06 10:01:51.6-0.6, 32.74S-71.78W, h21km, gkm, MD3.8, ML3.0, 3C-2D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Instituto Hidir, Los Chungos, Peidheue, etc.

ISCJB 06 10:03:41.9-1.1, 33.53N-0.07-25.03E, 0.06, h41km, 10km, mb3.8/8, Error ellipse: s-maj=12.7km s-min=6.2km az=35.9

ATH 06 10:03:41.3, 33.76N-24.98E, h7km, 4km, MD3.5/8

NEIC 06 10:03:41.3, 33.76N-24.98E, h7km, MD3.5(ATH), After ATH.

CSEM 06 10:03:42.3-0.9, 33.80N-24.98E, h2km, MD3.5, Error ellipse: s-maj=19.4km s-min=12.6km az=162.0

ICD 06 10:03:50.7-2.2, 34.20N-24.95E, h62km, 17km, mb3.6/8, mb1.3/12, mb1mx3.4/25, mbtmp3.5/12, Error ellipse: s-maj=20.1km s-min=8.7km az=89.0

NEIC 06 09:54:44.3-0.9, 20.15S-69.02W, h115km, 8km, mb4.2/8, Error ellipse: s-maj=14.2km s-min=8.0km az=163.0

ISC 06 09:54:42.7-0.5, 20.20S-0.04-69.16W, 0.08, h100km, 5km, h37, c1504/39, mb3.9/13, 1C-1D, Northern Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Lasithi, Anoyia, Neapolis, Zakros, Varnos, etc.

Table with columns: HRFI, Station Name, Time, Res, Pn, Az, Az2, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Mt Berech, Malin Array Be, Geres Array B, etc.

JMA 06 10:09:04.8, 39.15N-141.38E, h12km, 1km, M0.0, Eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Ichinoseki, Ofunato, Ohasama.

MOS 06 10:08:59.3-1.0, 38.63N-141.53E, h33km, mb4.4/10, Error ellipse: s-maj=14.3km s-min=8.5km az=96.4

NIED 06 10:09:00.38-0.8N-141.66E, h80km, Mw4.1, Best double couple: M1.58000-1015 NP1.8610000, 888.00000, 1.96.00000, NP2.8272.00000, 86.00000, 19.00000

BUJ 06 10:09:04.3, 39.13N-141.82E, h86km, mb4.5/10, mb4.4/20, Ms3.9/6, Ms7.3/6

ICD 06 10:09:05.5-0.7, 38.78N-141.54E, h68km, 5km, mb3.8/20, mb1.3/9, 23, mb1mx3.8/29, mbtmp3.9/23, MS2.7/2, Ms1.2/72, ms1mx2.5/31, Error ellipse: s-maj=13.6km s-min=12.2km az=82.0

ISCJB 06 10:09:05.0-0.3, 38.84N-141.64E, 0.05, h79km, 2km, mb4.1/39, Error ellipse: s-maj=7.4km s-min=3.9km az=26.6

JMA 06 10:09:06.3, 38.81N-141.59E, h75km, 1km, M4.0, Broadband fault plane solution: P waves. NP1: 0.301.00000, 821.00000, 1.60.00000, NP2: 1.153.00000, 872.00000, 1.101.00000. Principal axes: T P162.00000, Azm80.00000, N P1611.00000, Azm329.00000, Azm7.00000, Azm234.00000

JMA Felt III J

NEIC 06 10:09:06.3, 38.81N-141.59E, h75km, 1km, M4.0, Error ellipse: s-maj=9.3km s-min=5.3km az=140.0

NEIC Recorded [3 JMA] in Miyagi and [2 JMA] in Iwate. ISC 06 10:09:06.2-0.3, 38.83N-141.61E, 0.05, h74km, 2km, h7km, 1km, pP-P, n85, c078/102, mb4.1/39, 13C-2D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Ofunato, Ichinoseki, Ouri, Ohasama, etc.

ASAJ comp=Z, 2.0nm, 0.3s smax

ASAJ comp=N, 1.0nm, 0.3s mlr

ASAJ comp=Z, 79nm, 20.9s

ASAJ Asahikawa 5.33 8 P Pn 10 10 22.6 -0.5

ASAJ comp=Z, 2.2nm, 0.3s, baz=213, slow=11, SNR=19

ASAJ comp=Z, 0.2nm, 0.3s, baz=180, slow=20, SNR=2.5

ASAJ comp=Z, 79nm, 20.9s, baz=156, slow=40

JHJ Hachiojima 2 5.89 195 P Pn 10 10 28.9 -1.9

JHJ comp=Z, 2.3nm, 0.3s, baz=217, slow=17, SNR=14

JHJ comp=Z, 3.8nm, 0.3s, baz=0, slow=20, SNR=9.0

YUK Yuzh-Kuril'sk 6.10 30 P Pn 10 11 36.7 -5.3

YUK comp=Z, 130nm, 0.5s smax pmax

YUK comp=E, 120nm, 0.4s smax

YUK comp=E, 500nm, 0.6s smax

YUK comp=N, 4.70nm, 0.6s smax

YSS Yuzh-Sakhalins 8.16 6 eP Pn 10 11 08.8 +7.0

MDJ Mudanjiang 10.68 307 P Pn 10 11 34.0 -2.1

MDJ comp=Z, 2.0nm, 1.2s pmax pmax

KSH	eSP	sP	11 26 01.1 +1.0	BCLA	Clavier	78.06	3	P	P	11 26 17.6 +0.5	CONA	Conrad Observa	80.47	356	||/P	P	11 26 31.2 +0.9		
KSH	ePcP	PcP	11 26 05.0 +3.2	THN	Thein Dam	78.08	308	ex	x	11 26 10.3	CSNA	Conrad Observa	80.47	356	||/P	P	11 26 31.2 +0.9		
KSH	ePP	PP	11 28 29.0 +5.0	TANN	Tannenbergsma	78.10	358	eP	P	11 26 17.9 +0.6	HAU	Haudompre	80.50	2	eP	P	11 26 30.2 -0.3		
KSH	eS	SS	11 35 04.0 +0.5	NKC	Novy Kostel	78.28	358	eP	P	11 26 18.3 0.0	HAU	comp=Z,313nm,20.5s,MS4.3	eMLR	MLR					
KSH	eSKS	eS	11 35 44.1	KWP	Kalwaria Pacia	78.29	351	||/P	P	11 26 19.0 +0.6	HAU	comp=Z,15nm,1.0s,mb4.9	Pmax	Pmax					
KSH	eScS	ScS	11 35 47.2 +0.3	KWP	Kalwaria Pacia	78.29	351	||/P	P	11 26 19.1 +0.7	HAU	comp=Z,310nm,20.5s,MS4.6	MLR	MLR					
KSH	eSS	SS	11 39 45.2 +4.5	TNS	Tanus Mts	78.31	1	eP	P	11 26 19.0 +0.6	HAU	comp=Z,15nm,1.0s,mb4.9	Pmax	Pmax					
KSH	pmax	pmax		TNS						11 26 19.0 +0.5	HAU	comp=Z,310nm,20.5s,MS4.6	MLR	MLR					
KSH	LR	LR		TNS	comp=Z,15nm,0.9s,mb4.9	78.31	1	eP	P	11 26 19.0 +0.5	HAU	comp=Z,15nm,1.0s,mb4.9	Pmax	Pmax					
KSH	LR	LR		TNS	comp=Z,15nm,0.9s,mb4.9	78.31	1	eP	P	11 26 19.0 +0.5	HAU	comp=Z,310nm,20.5s,MS4.6	MLR	MLR					
NACOM	72.67	350	eP	P	11 25 42.0 -4.1	GIVF	Givet	78.36	3	eP	P	11 26 18.3 -0.5	HAU	comp=Z,15nm,1.0s,mb4.9	LR	LR			
MICGM	72.94	349	eP	P	11 25 45.0 -2.7	GIVF	Givet	78.36	3	eP	P	11 26 18.3 -0.5	HAU	comp=Z,310nm,20.5s,MS4.6	MLR	MLR			
MNK	72.94	349	eP	P	11 25 45.0 -2.7	GIVF	Givet	78.36	3	eP	P	11 26 18.3 -0.5	AYAN	Ayan Nagar	80.58	304	eP	P	11 26 30.0 -1.2
MNK	pmax	pmax				GIVF	Givet	78.36	3	eP	P	11 26 18.3 -0.5	AYAN					11 26 32.6	
RAR	73.33	170	LR	LR	11 53 46.0	GIVF	Givet	78.36	3	eP	P	11 26 18.3 -0.5	FELD	Feldberg im Sc	80.66	1	eP	P	11 26 31.9 +0.6
RAR	comp=Z,319nm,18.1s,MS4.9,baz=312,slow=32					GIVF	Givet	78.36	3	eP	P	11 26 18.3 -0.5	HINF	Hinterferal	80.70	2	eP	P	11 26 31.1 -0.4
SUW	73.91	352	eP	P	11 25 53.1 -0.3	BAIF	Baives	78.38	4	eP	P	11 26 18.6 -0.3	HINF	comp=Z,49nm,1.4s,mb4.9	Pmax	Pmax			
SUW	73.91	352	eP	P	11 25 53.1 -0.3	BAIF	Baives	78.38	4	eP	P	11 26 18.6 -0.3	HINF	Hinterferal	80.70	2	eP	P	11 26 31.1 -0.4
VRHR	73.91	340	eP	P	11 25 52.9 -0.6	BAIF	Baives	78.38	4	eP	P	11 26 18.6 -0.3	HINF	comp=Z,24nm,1.4s,mb4.9	MLR	MLR			
VRHR	comp=Z,50nm,1.1s,mb5.4					BAIF	Baives	78.38	4	eP	P	11 26 18.6 -0.3	HINF	Hinterferal	80.70	2	eP	P	11 26 31.1 -0.4
VRHR	comp=N,30nm,0.5s					BAIF	Baives	78.38	4	eP	P	11 26 18.6 -0.3	HINF	comp=Z,24nm,1.4s,mb4.9	MLR	MLR			
VRHR	comp=E,50nm,0.9s					BAIF	Baives	78.38	4	eP	P	11 26 18.6 -0.3	HINF	comp=Z,24nm,1.4s,mb4.9	MLR	MLR			
VSR	74.31	341	eP	P	11 25 55.6 -0.2	BAIF	Baives	78.38	4	eP	P	11 26 18.6 -0.3	HINF	comp=Z,24nm,1.4s,mb4.9	MLR	MLR			
VSR	comp=N,40nm,1.2s					BAIF	Baives	78.38	4	eP	P	11 26 18.6 -0.3	HINF	comp=Z,24nm,1.4s,mb4.9	MLR	MLR			
VSR	comp=E,20nm,1.2s					BAIF	Baives	78.38	4	eP	P	11 26 18.6 -0.3	HINF	comp=Z,24nm,1.4s,mb4.9	MLR	MLR			
VSR	pmax	pmax				BAIF	Baives	78.38	4	eP	P	11 26 18.6 -0.3	HINF	comp=Z,24nm,1.4s,mb4.9	MLR	MLR			
CHRT	74.29	282	||P	P	11 25 58.5 +1.2	SMLA	Simla	78.41	306	eP	P	11 26 17.4 -2.0	RAO	Raoul Island	81.00	187	LR	LR	
VORD	74.52	341	eP	P	11 25 56.9 -0.1	MORC	Moravsky Berou	78.54	355	P	P	11 26 20.7 +1.0	RAO	comp=Z,176nm,18.2s,MS4.5,baz=136,slow=35				11 59 46.3	
VORD	comp=N,30nm,0.9s					MORC	Moravsky Berou	78.54	355	||/P	P	11 26 20.5 +0.8	RETA	Reutte	81.05	359	||/P	P	11 26 34.3 +0.9
VORD	comp=E,10.0nm,0.9s					MORC	Moravsky Berou	78.54	355	eP	P	11 26 19.5 -0.2	RETA	comp=Z,10nm,1.0s,mb4.7	LR	LR			
VORD	comp=Z,30nm,0.9s,mb5.2					MORC	Moravsky Berou	78.54	355	eP	P	11 26 22.0 +0.8	RETA	comp=Z,10nm,1.0s,mb4.7	LR	LR			
BSEG	74.60	360	eP	P	11 25 57.8 +0.4	STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	Aibek	81.06	323	P	P	11 26 34.1 +0.5
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	comp=Z,109nm,0.9s,ms8.8,SNR=5.8					
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8	ABKT	81.06	323	P	P	11 26 34.1 +0.5	
BSEG	comp=Z,48nm,1.6s,mb5.2					STHS	Stebnicka Huta	78.63	352	eP	P	11 26 21.1 +0.8							

Table with columns: JOF, comp-Z, 2.0nm, 0.4s, mb4.5, pmax, pmax, 13 06 26.8 -0.8, etc. Includes stations like Joensuu, AFI, FORT, etc.

NEIC 06 13:00:46.9, 56.26N, 152.337W, h10km, mb4.0/3, ML3.6(AEIC), ML3.8(PMR), After AEIC.
IDC 06 13:00:50.7, 1.1, 56.61N, 152.70W, h0km, mb3.9/14, mb1.4/0.17, mb1mx3.9/28, mbtpm3.8/17, ML3.5/2, Error ellipse: s-maj=27.6km s-min=16.3km az=16.0

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like OHAK, KDAD, KDKA, etc.

Table with columns: ESDC, Sonseca Array, 80.48, 24, P, P, 13 13 04.8 +1.1, etc. Includes stations like TWB1, TWB1, TWC, etc.

Table with columns: IKLH, Kolahrood, 1.47, 49, ePn, Pn, 13 39 51.6 -3.5, etc. Includes stations like IGAR, IGAR, IZEF, etc.

IDC 06 13:44:48.4, 1.0, 6.01S, 130.47E, h0km, mb4.0/7, mb1.4/2.9, mb1mx4.1/13, mbtpm4.1/9, ML4.4/2, Error ellipse: s-maj=38.6km s-min=20.4km az=78.0

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

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

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Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

ISC 06 14:11:58.5-0.7, 54.18N:151.90W, h0km, mb4.4/21, mb1.4, 6.2/4, mb1mx4.6/28, mbtmp4.5/24, ML4.4/3, MS3.9/25, MS1.3/25, ms1mx3.7/42, Error ellipse: s-maj=22.7km s-min=12.0km az=20.0

ISC 06 14:11:59.3-0.2, 54.24N:151.86W, h0.04, h16km, mb4.6/137, MS4.0/35, Error ellipse: s-maj=4.1km s-min=2.0km az=40.5

MOS 06 14:11:59.3-0.7, 54.24N:151.84W, h15km, mb4.8/50, Error ellipse: s-maj=9.3km s-min=4.8km az=90.8

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other technical details for various stations.

6d 19h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Columbia Colle, Isabella, Neumayer Olymp, etc.

2008 APR

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like FLN, LDF, LOR, SSF, GRR, LPL, LPG, SMF, ANI, SGFM, ROSF, MBDF, ORIF, etc.

236

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Manna, Maura Dua, Kapahiang, Kota Agung, etc.

WEL 06:18:52:29.5:0.1,37.775x176.79E,h5km,ML3.1/6,6C-1D, Error ellipse: s-maj=1.5km s-min=1.1km az=90.0, North Island

NEIC 06:19:16:28.2:0.7,9:27N,126:82E,h35km,mb4.3/2, Error ellipse: s-maj=27.4km s-min=11.0km az=78.0

ISCJB 06:18:54:46.3:0.5,39:37N,103:42E,h0km,mb4.2/2, DDA 06:18:54:46.3:0.5,39:43N,102:48E,h7km,mb3.0, DDC 06:18:54:46.3:0.5,39:40N,102:51E,h5km,mb3.0

MAN 06:19:16:35.9:0.2N,126:20E,h42km,mb4.9,ML3.8,MS3.8

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AGRB, HANUR, HOMI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BUTAN, BISLIG, SURIGAO, etc.

ISCJB 06:19:01:16.3:1.1,4:82S,102:98E,h0km,mb4.2/12, mb1.4/12, mb1mx4.2/20, mbtmp4.3/12, MS3.0/1, MS1.3/0.1, ms1mx2.7/25, Error ellipse: s-maj=44.6km s-min=14.6km az=52.0

ISCJB 06:19:15:55.8:0.8,46:5N,0:3:148:4E:0.2,h446km,20km, mb3.2/6, Error ellipse: s-maj=47.7km s-min=14.5km az=150.6

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, h m s, ISC. Includes stations like Ulanbaatar, Songino Array, Yuzh-Sakhalins, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, h m s, ISC. Includes stations like SVE, ARU, TOO, GAMB, GNI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, h m s, ISC. Includes stations like ISC JB 06 21:44:36.9,0.4,32:46N,0:09:39W, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time, Res, ISC. Includes stations like Belle Mtn, Holt Ranch, Monument Peak, etc.

ISCJB 07 00:00:16.7.0.6.23:23S:0:04:69:21W:0.09, h91km, 6km, mb4.1/2, Error ellipse: s-maj=14.3km s-min=7.2km az=8.2

NEIC 07 00:00:17.6.0.6.23:24S:69:24W, h2km, 7km, mb3.7/2, Error ellipse: s-maj=10.6km s-min=6.5km az=91.0

IDC 07 00:00:18.0.1.4.23:17S:69:16W, h79km, 6km, mb4.0/2, mb1 3.8/7, mb1mx3.5/19, mbtmp3.7/7, Error ellipse: s-maj=40.0km s-min=15.0km az=98.0

ISC 07 00:00:18.1.0.6.23:22S:0:04:69:21W:0.09, h86km, 6km, n21., r0986/24, mb4.1/2, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time, Res, ISC. Includes stations like Limon Verde, Las Campanas, La Paz, etc.

NIED 07 00:00:08.00.25:00N:122:50E, h5km, Mw4.2 Best double couple: M2.23000x1015 NP1.3274.00000, 353.00000, 1.72.00000, NP2.365.00000, 841.00000, 1.112.00000

NEIC 07 00:08:04.3.1.1.24:88N:122:50E, h4km, 6km, mb4.5/13, Error ellipse: s-maj=7.0km s-min=4.6km az=94.0

ISCJB 07 00:08:05.5.0.4.24:94N:0:02:122:47E:0.02, h18km, 2km, mb4.3/29, MS3.5/9, Error ellipse: s-maj=2.9km s-min=2.6km az=168.7

JMA 07 00:08:06.9.0.2.24:95N:122:48E, h36km, 5km, M4.3

MOS 07 00:08:06.9.0.9.24:91N:122:51E, h33km, mb4.7/15, Error ellipse: s-maj=14.5km s-min=7.6km az=113.5

TAP 07 00:08:06.2.24.88N:122:37E, h18km, ML4.5, C

IDC 07 00:08:22.1.5.6.24:78N:122:19E, h156km, 54km, mb3.9/11, mb1 4.0/12, mb1mx3.7/23, mbtmp3.8/12, MS3.3/6, mb1 3.3/6, ms1mx2.9/41, Error ellipse: s-maj=23.3km s-min=13.3km az=71.0

ISC 07 00:08:04.7.0.4.24:88N:0:02:122:48E:0.02, h3km, 2km, n146., r1909/193, mb4.3/29, MS3.5/9, 14C-11D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time, Res, ISC. Includes stations like Santiao Chiao, TWB1, YOJ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time, Res, ISC. Includes stations like Lidau, Minshuang, Tsauhsan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Grafenberg Arr, Bornholm Skovb, Bornholm Skovb, Molin, Molin, Stebnicka Huta, Stebnicka Huta.

PGC 07 01:07:57.0-12.0, 62.95N, 143.70W, h25km, ML3.3/4, 245km northeast of Valdez, AK Central Alaska

Main table for PGC 07 01:07:53.7, 62.90N, 143.99W, h7km, ML2.9(AEIC), ML3.2(PMR), 3D, After AEIC, Central Alaska. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

DJA 07 01:11:58, 1.322N-97.92E, h10km, MLv3.6/3, Northern Sumatera

Table for DJA 07 01:11:58, 1.322N-97.92E, h10km, MLv3.6/3, Northern Sumatera. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

IDC 07 01:26:59, 1.2, 7, 35.61N, 117.82W, h0km, mb3.2/1, mb1 3.4/3, mb1mx3.3/22, mbtm2.9/3, ML3.1/2, Error ellipse: s-maj=50.4km s-min=12.7km az=62.0

ISCJB 07 01:27:00.7-0.2, 35.78N, 01:11:7.67W, 0.02, h10km, Error ellipse: s-maj=1.9km s-min=1.8km az=141.8

NEIC 07 01:27:01.0, 35.78N, 117.67W, h0km, ML3.6(PAS), After PAS.

NEIC Fell in the Ridgecrest area. ISC 07 01:27:00.6-0.3, 35.77N, 01:11:7.67W, 0.02, h1km, 3km, n82, 1906/120, 40C-47D, Central California

Main table for NEIC Fell in the Ridgecrest area. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

Main table for HEC Hector, Ludlow, TUQ Turquoise Mountain, BFSC Mount Baldy St, MWC Mount Wilson, DECC Green Verdugo, BBRC Big Bear Sol-O, PASO Pasadena Art C, MTUM Tungsten Hills, V11A Goodsprings, GMRC Granite Mounta, SMCM Simmer, PKM Peak Mountain, U11A Corn Creek, BLG Laguna Peak, MLAC Mammoth Lakes, SBC Santa Barbara, SHPR Shoshone Range, MURC Murrieta, LDFC Landfair, BELC Belle Mtn, V12A Nelson, S10A Tonopah Range, W12A Cal New Ari, PFO Pinyon Flat Ob, P11A Rachel, C11A Catalina Islan, T11A Corn Creek, Al, T12A Moapa, U12A Valley of Fire, IRM Iron Mountain, NVAR Mina Arroya Bay, NVAR Yuma, V12A Delamar Landin, S13A Grand Canyon W, MONP Monument Peak, R11A Troy Canyon, C, CMB Columbia Colle, W13A Hualapai Mount, BAR Barrett, X3A San Andreas Ge, X13A Yuma, S13A Holt Ranch, En, GLA Glamis, V14A Boquillas Ranc, W14A Seligman, R13A O'Grain Ranch, CCUT Cedar City, T14A Hurricane, X14A Yava, Z13A Paving G, P12A McGill, O10A Cortez Mining, X15A Humboldt, BMN Battle Mountar, V15A Casa Rosa Ranc, T14A Black Gap (USA, N12A Clover Valley, YBH Yreka Blue Hor, ANMO Albuquerque, ANMO Pinedale, PDAR Pinedale Array, TXAR Lajitas Array, YKA Yuma, CSEM 07 01:33:05.7-0.2, 32.98N, 34.90E, h10km, ML3.4, Error ellipse: s-maj=4.8km s-min=2.7km az=133.0, ISCJB 07 01:33:05.6-0.5, 32.99N, 01:02:34.88E, 0.03, h19km, 4km, Error ellipse: s-maj=5.5km s-min=2.8km az=34.5, HLW 07 01:33:05.9, 33.07N, 34.99E, h20km, Mb3.4, GII 07 01:33:06.5-0.4, 32.96N, 34.97E, h11km, 1km, Mdz2/15,

Mm2/6/5 NSSC 07 01:33:10.32, 32.96N, 35.27E, h15km, 2km, GRAL 07 01:33:12.8-0.4, 33.21N, 35.27E, h12km, 2km, MD3.4, ISC 07 01:33:06.3-0.5, 32.98N, 01:02:34.95E, 0.03, h17km, 2km, n72, 4083/104, 7C-25D, Dead Sea Region

Main table for NSSC 07 01:33:10.32, 32.96N, 35.27E, h15km, 2km. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

ISCJB 07 01:43:01.4, 2.2, 5, 55.0, 1.1, 146.70E, 0.08, h267km, 23km, mb3.6/7, Error ellipse: s-maj=19.4km s-min=12.7km az=167.8

IDC 07 01:43:02.8, 3.4, 5, 46S, 146.74E, h264km, 33km, mb3.3/5, mb1 3.7/8, mb1mx3.5/16, mbtm3.6/8, Error ellipse: s-maj=20.9km s-min=13.7km az=118.0

NEIC 07 01:43:03.9, 1.6, 5, 47S, 146.73E, h272km, 16km, mb4.2/3, Error ellipse: s-maj=12.4km s-min=9.5km az=166.0

ISC 07 01:43:01.4-1.7, 5.41S, 0.09, 146.70E, 0.10, h250km, 19km, n26, 4054/27, mb3.7/7, Eastern New Guinea region

Main table for Eastern New Guinea region. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

comp=E,0.4nm,0.7s,baz=240,slow=8.1,SNR=3.5

THE 07:04:48:17.9,39.16N:24.49E,h8km,1km,ML3.6/3,Error ellipse: s-maj=1.2km s-min=0.5km az=2.0

CSEM 07:04:48:17.3,0.1,39.09N:24.48E,h15km,ML3.6/3,Error ellipse: s-maj=4.2km s-min=3.1km az=127.0

NEIC 07:04:48:17.3,39.12N:24.50E,h33km,ML3.2(ATH),After ATH.

ATH 07:04:48:17.3,39.12N:24.50E,h33km,3km,MD3.3/5,ML3.2

SOF 07:04:48:19.0,39.45N:24.47E,h2km,MD2.8

ISC 07:04:48:17.1-0.6,39.09N:0.03-24.47E:0.03,h11km,4km,n77,c0579/89,1C-4D,Aegean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like AOS, LIA, NEO, etc.

IDC 07:04:49:12.8-3.3,61.55N:165.29E,h0km,mb3.4/5,mb1.3/6.5,mb1mx3.4/2.3,mbtmp3.4/5,Error ellipse: s-maj=92.1km s-min=27.9km az=179.0,Eastern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like INK, YKA, MKAR, etc.

MOS 07:04:59:42.1±0.9,54.09N:111.33E,h24km,mb4.2/1,Error ellipse: s-maj=32.4km s-min=19.7km az=89.9

BYKL 07:04:59:41.9,0.3,54.18N:111.26E,h5km,10km,4C-2D,Lake Baykal region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like YLYR, SYVR, KMO, etc.

comp=N,121nm,0.3s

NIZ NIZ NIZ

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NIZ NIZ NIZ

NIZ NIZ NIZ

NIZ NIZ NIZ

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NIZ NIZ NIZ

NIZ NIZ NIZ

NEIC 07:05:01:29.4,18.37N:64.47W,h8km,MD3.5(RSPR),After RSPR.

RSPR 07:05:01:29.4,18.37N:64.47W,h8km,MD3.5/9

ISC 07:05:01:28.7±1.4,18.36N:0.09-64.46W:0.06,h90km,8km,n23,c021/40,17C-2D,Virgin Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like TBVI, ABV, STVI, etc.

ISK 07:05:16:26.3,39.36N:40.46E,h14km,MD2.9

ISCJB 07:05:16:27.0±0.9,39.46N:0.04-40.41E:0.06,h8km,6km,Error ellipse: s-maj=9.0km s-min=5.5km az=136.7

CSEM 07:05:16:27.0±0.4,39.34N:40.46E,h20km,MD2.9,Error ellipse: s-maj=12.3km s-min=6.8km az=142.0

DDA 07:05:16:27.4,39.36N:40.59E,h7km,6km,MD2.9

ISC 07:05:16:27.3±0.9,39.46N:0.05-40.41E:0.06,h6km,6km,n18,c111/26,1D,Turkey

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

ISCJB 07:05:21:35.3±0.4,59.97N:0.03-152.56W:0.08,h98km,5km,mb3.5/4,Error ellipse: s-maj=7.3km s-min=5.3km az=25.9

IDC 07:05:21:35.3±2.2,60.02N:152.81W,h71km,26km,mb3.3/4,mb1.3/6.8,mb1mx3.4/2.6,mbtmp3.4/8,Error ellipse: s-maj=19.8km s-min=17.0km az=147.0

NEIC 07:05:21:37.5,59.97N:152.60W,h82km,MG3.1(AEIC),After AEIC.

ISC 07:05:21:36.7±0.4,59.96N:0.03-152.54W:0.08,h88km,5km,n39,c150/48,mb3.5/4,Southern Alaska

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like RSO, AUL, SKLM, etc.

Table with columns: ID, Name, SNR, Time, Status, and other details. Includes entries like 118A Homack Ranch, H08A Prairie City, U15A North Rim, etc.

Table with columns: ID, Name, SNR, Time, Status, and other details. Includes entries like S17A Black Ridge, F10A Beach Ranch, L13A Double Diamond, etc.

Table with columns: ID, Name, SNR, Time, Status, and other details. Includes entries like XAN XAN XAN, O18A Roosevelt, B11A Sandpoint, etc.

7d 8h

2008 APR

252

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Ulyunkhan, Nizh Angarsk, Talaya, Kumora, Chita, Uoyan, Arshan, Uakit, Zakamensk, Khapcheranga, Mondy, Orlik, Ulaanbaatar, Nelyaty, Bodaibo, Chara, Tupik.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Tupik, TDJR, MKAR, KURK, YKA, BUJ, ISCJB, IDC, NEIC, ISC, and various Tonga Islands.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Oracle, Saint George, Bisbee, Fields, Amboy, Circle Bar Ran, Mt Trumbull, Dragon, Pony Springs, Lindquist, Lo Mia Camp, Lindquist Farm, Roosevelt, Willow Creek, Douglas, Cowboy Ranch, Kaibab Nationa, O'Grain Ranch, Hurricane, Homack Ranch, North Rim, Cedar City, Wheeler Ranch, Red Dirt Ranch, Kipp Ranch, Canyon Day Jun, Fry Pan Ranch, Juniper Basin, Ashpeak Ranch, Holland Ranch, Currie, Bates Ranch, Prairie City, MacKenzie Ranc, Playas Peak, Clover Valley, Clover Valley, Panguitch, Tonaale, Kykot, Sevier Lake, Tuba City, U Bar Ranch, Pilot Rock, Cat Creek Ranc, Glen Canyon D, Nutrioso, Parker Ranch, Nine Sixteen R, Drum Mountains, Durkee, St. Johns, Marysval, Shonto, House Creek Ra, Ganado, Navajo Res., Quincy, Cove, Camas Ranch, Teasdale, Horse Springs, Leasington, Placerville, Rough Rock, Ch, Grayback Hills, Mudanjiang, Quemado, Bishop Farm, St. Cloud Mine, Wollman Farm, Double Diamond, Sheep Mountain, Castle Valley, Mexican Hat, Ramah, Winthrop, Hanksville Air, Dine' College, Donnelly.

I12A	Atlanta	baz=80,SNR=5.9	80.30	39	↑P	P	08 29 32.2 +0.2
K13A	Stover Farm, H	baz=80,SNR=7.7	80.30	40	↑P	P	08 29 32.1 0.0
Y21A	Point of Rocks	baz=80	80.31	50	↑P	P	08 29 33.2 +0.8
F10A	Beach Ranch, E	baz=80	80.33	36	↓P	P	08 29 31.8 -0.4
D09A	Jones Farm, Ri	baz=81	80.38	35	↓P	P	08 29 32.7 +0.3
C08A	Higginbotham F	baz=81	80.42	34	↑P	P	08 29 32.8 +0.2
G11A	Walters Elk Ra	baz=81	80.54	37	↑P	P	08 29 33.5 +0.2
HL1D	Hailey	baz=81,SNR=6.8	80.60	39	↑P	P	08 29 33.7 0.0
B08A	Colville Reser	baz=81	80.62	33	↓P	P	08 29 33.2 -0.4
J13A	Cove Ranch, Pi	baz=81,SNR=5.2	80.66	39	↑P	P	08 29 34.0 0.0
SRU	San Rafael	baz=81	80.75	45	↓P	P	08 29 34.8 +0.2
NJ2	Nanjing	comp=Z,10.0nm,0.8s,mb4.8	80.81	307	eP	Pmax	08 29 36.1 +1.0
NJ2						Pmax	
K14A	Jones Ranch, N	baz=81	80.81	41	↑P	P	08 29 35.1 +0.2
R18A	Canyonlands Na	baz=81	80.82	45	↑P	P	08 29 34.5 -0.4
324A	Moseley Ranch,	baz=81	80.82	53	↑P	P	08 29 35.1 -0.1
H12A	Diamond D Ranc	baz=81	80.89	38	↑P	P	08 29 35.4 +0.2
F10A	Grangeville,	baz=81	80.89	37	↓P	P	08 29 34.1 -1.0
D11A	Wagner Farm, O	baz=81	80.94	35	↑P	P	08 29 34.6 -0.8
I13A	Wildhorse Cree	baz=81	80.97	39	↓P	P	08 29 36.0 +0.3
Q18A	Rafter H Ranch	baz=81	81.01	45	↓P	P	08 29 36.1 +0.1
A08A	Turner Farm, O	baz=81	81.02	33	↑P	P	08 29 35.6 -0.2
J14A	Carey	baz=81,SNR=6.5	81.02	40	↑P	P	08 29 35.0 +0.1
L15A	Malad City	baz=81	81.02	41	↑P	P	08 29 36.0 0.0
X22A	Bernardo	baz=81	81.03	50	↑P	P	08 29 36.0 -0.2
224A	Corundas Mount	baz=81	81.06	53	↑P	P	08 29 36.1 -0.3
626A	Big Bend Ranch	baz=81	81.07	56	↑P	P	08 29 36.0 -0.5
E11A	Gogner Ranch,	baz=81	81.13	36	↑P	P	08 29 36.2 -0.3
O17A	Robinson Place	baz=81,SNR=6.0	81.15	44	↑P	P	08 29 36.6 -0.1
325A	Bean Ranch, Si	baz=81,SNR=5.8	81.18	54	↓P	P	08 29 36.3 -0.8
R19A	Curley Farm, L	baz=81	81.21	46	↑P	P	08 29 36.7 -0.3
H13A	Challis	baz=82	81.25	38	↑P	P	08 29 37.0 -0.1
B09A	Rice	baz=82	81.28	34	↓P	P	08 29 37.0 -0.2
K15A	Arbon	baz=82	81.29	41	↑P	P	08 29 36.9 -0.4
526A	Mary Lane Ranc	baz=82	81.32	55	↓P	P	08 29 37.4 -0.4
F12A	Elk City	baz=82,SNR=8.8	81.33	37	↑P	P	08 29 37.3 -0.2
TXAR	Lajitas Array	comp=Z,1.8nm,1.0s,mb4.0,ba=218,slow=7.4,SNR=14	81.35	56	P	P	08 29 37.1 -0.9
TXAR						LR LR	08 56 44.0
I14A	Mackey	comp=Z,5.1nm,21.6s,MS3.9,ba=175,slow=29	81.39	39	↑P	P	08 29 37.9 0.0
Q19A	Hogan Spring (	baz=82	81.53	45	↓P	P	08 29 38.9 +0.2
G13A	Cobalt	baz=82,SNR=5.2	81.56	38	↓P	P	08 29 38.4 -0.3
225A	Deer Hill, Car	baz=82	81.61	53	↓P	P	08 29 39.3 -0.1
426A	McDonald Obser	baz=82,SNR=5.5	81.62	55	↑P	P	08 29 39.0 -0.4
627A	Terlingua Ranc	baz=82,SNR=6.9	81.62	56	↓P	P	08 29 38.9 -0.5
L16A	Fish Haven	baz=82	81.63	42	↓P	P	08 29 38.8 -0.4
J15A	Blackfoot	baz=82	81.73	40	↑P	P	08 29 40.0 +0.4
527A	Woodward Ranch	baz=82	81.73	55	↓P	P	08 29 39.6 -0.4
R20A	Redvale	baz=82	81.77	46	↑P	P	08 29 40.0 0.0
F13A	Darby	baz=82	81.88	37	↓P	P	08 29 40.2 -0.2
S21A	Coal Bank Pass	baz=82,SNR=6.1	81.92	47	↑P	P	08 29 40.7 -0.2
326A	Caldwell Ranch	baz=82	81.93	54	↑P	P	08 29 40.7 -0.4
A10A	Northport	baz=82	81.93	33	↑P	P	08 29 40.7 +0.1
CN2	Changchung	81.94 320 eP	81.94	320	eP	P	08 29 43.8 +2.8
K16A	Soda Springs	81.95 41 eP	81.95	41	eP	P	08 29 40.8 -0.1
GD12	Guadalupe Moun	82.00 53 eP	82.00	53	eP	P	08 29 41.5 +0.1
D12A	Red Ives Fores	82.01 36 eP	82.01	36	eP	P	08 29 41.0 0.0
I15A	Montevieu	82.01 40 eP	82.01	40	eP	P	08 29 41.6 +0.5
P19A	Cripple Cowboy	82.05 45 eP	82.05	45	eP	P	08 29 41.2 -0.3
G14A	Jackson	82.09 38 eP	82.09	38	eP	P	08 29 41.6 0.0
226A	Malaga, Loving	82.15 53 eP	82.15	53	eP	P	08 29 41.8 -0.3
J16A	Bone	82.17 41 eP	82.17	41	eP	P	08 29 42.2 +0.2
427A	Hayter Ranch,	82.18 55 eP	82.18	55	eP	P	08 29 41.9 -0.5
Q20A	Ridgley Place,	82.19 46 eP	82.19	46	eP	P	08 29 42.1 -0.1
MCMT	McKenzie Canyo	comp=Z,2.2nm,1.1s,mb4.0	82.23	39	eP	P	08 29 42.7 +0.4
N18A	Larsen Ranch,	82.25 43 eP	82.25	43	eP	P	08 29 42.7 +0.2
H15A	Lima	82.25 39 eP	82.25	39	eP	P	08 29 42.9 +0.5
T22A	Edith	82.25 48 eP	82.25	48	eP	P	08 29 42.2 -0.4
E13A	Victor	82.33 37 eP	82.33	37	eP	P	08 29 42.0 -0.7
P20A	De Beque	82.38 45 eP	82.38	45	eP	P	08 29 43.0 -0.3
528A	Cox Ranch, San	82.38 56 eP	82.38	56	eP	P	08 29 42.4 -1.0
RR12	Red Ridge	82.39 41 eP	82.39	41	eP	P	08 29 43.5 +0.3
R21A	Cimarron	82.42 46 eP	82.42	46	eP	P	08 29 43.3 -0.1
126A	Larsen Basin,	82.45 53 eP	82.45	53	eP	P	08 29 42.8 -1.0
F14A	Wisdom	82.46 38 eP	82.46	38	eP	P	08 29 43.9 +0.4
N19A	John Jarvie Ra	82.53 44 eP	82.53	44	eP	P	08 29 43.8 -0.1
D13A	Huson	82.54 36 eP	82.54	36	eP	P	08 29 43.5 -0.3
A11A	Hill Mountain,	82.55 34 eP	82.55	34	eP	P	08 29 44.1 +0.3
I16A	Newdale	82.56 40 eP	82.56	40	eP	P	08 29 44.2 +0.2
Q21A	Lamborn Mesa,	82.63 46 eP	82.63	46	eP	P	08 29 44.3 -0.2
G15A	Dillon	82.63 39 eP	82.63	39	eP	P	08 29 44.4 0.0
MSO	Missoula	82.69 37 eP	82.69	37	eP	P	08 29 44.0 -0.6
REDW	Red Top Meadow	82.69 41 eP	82.69	41	eP	P	08 29 44.8 +0.1
TPAW	Teton Pass	82.69 41 eP	82.69	41	eP	P	08 29 45.0 +0.3
E14A	Clinton	82.72 37 eP	82.72	37	eP	P	08 29 44.4 -0.4
BSMT	Bassoo Peak	82.78 35 eP	82.78	35	eP	P	08 29 44.8 -0.2
J17A	Brown Place, J	82.78 41 eP	82.78	41	eP	P	08 29 45.1 -0.2
O20A	White River Ci	82.79 45 eP	82.79	45	eP	P	08 29 45.1 -0.2

K18A	Toltan Ranch,	82.83 42 eP	82.83	42	eP	P	08 29 45.5 0.0
IMW	Indian Meadow	82.91 40 eP	82.91	40	eP	P	08 29 45.9 0.0
R22A	Saguache, Gunn	82.91 47 eP	82.91	47	eP	P	08 29 46.2 +0.2
A12A	Yaak River Ran	82.92 34 eP	82.92	34	eP	P	08 29 46.2 +0.4
F15A	Butte	82.98 38 eP	82.98	38	eP	P	08 29 46.2 0.0
L19A	Butte	83.01 42 eP	83.01	42	eP	P	08 29 46.5 +0.1
P21A	Newcastle	83.04 45 eP	83.04	45	eP	P	08 29 46.6 0.0
D14A	Greenough	83.07 37 eP	83.07	37	eP	P	08 29 45.6 -1.0
G16A	Moss Hill, Enn	83.08 39 eP	83.08	39	eP	P	08 29 46.9 +0.2
Q22A	Crested Butte,	83.10 46 eP	83.10	46	eP	P	08 29 46.8 -0.1
N20A	Spence Gulch,	83.11 44 eP	83.11	44	eP	P	08 29 46.8 -0.2
CHMT	Chamberlain Mo	83.13 37 eP	83.13	37	eP	P	08 29 46.6 -0.3
J18A	Kendall Valley	83.14 41 eP	83.14	41	eP	P	08 29 47.0 -0.1
H16A	Russell Place,	83.14 39 eP	83.14	39	eP	P	08 29 47.4 +0.4
I17A	Pilgrim Ck.	83.15 40 eP	83.15	40	eP	P	08 29 47.8 +0.7
SMCO	Snowmass	83.20 46 eP	83.20	46	eP	P	08 29 47.7 +0.2
BW06	Boulder Array	83.21 42 eP	83.21	42	eP	P	08 29 46.9 -0.5
PDAR	Pinedale Array	83.21 42 eP	83.21	42	eP	P	08 29 46.4 -1.0
PDAR	comp=Z,2.4nm,0.8s,mb4.3,ba=228,slow=2.3,SNR=21					LR LR	08 58 39.9
E15A	Deer Lodge	83.22 37 eP	83.22	37	eP	P	08 29 47.3 -0.1
O21A	Pagoda	83.35 45 eP	83.35	45	eP	P	08 29 47.9 -0.3
H17A	Grant Village	83.39 40 eP	83.39	40	eP	P	08 29 49.3 +0.9
F16A	Kennard Place,	83.47 38 eP	83.47	38	eP	P	08 29 48.8 +0.1
I18A	Diamond G Ranc	83.51 41 eP	83.51	41	eP	P	08 29 48.9 -0.1
COLA	College	83.54 11 eP	83.54	11	eP	P	08 29 48.8 +0.2
N21A	Black Mountain	83.57 44 eP	83.57	44	eP	P	08 29 49.1 -0.2
LKWV	Lake	83.59 40 eP	83.59	40	eP	P	08 29 50.8 +1.5
A13A	Flathead Natio	83.59 35 eP	83.59	35	eP	P	08 29 48.7 -0.5
D15A	Lincoln	83.62 37 eP	83.62	37	eP	P	08 29 48.8 -0.6
L20A	Wamsutter	83.62 43 eP	83.62	43	eP	P	08 29 49.4 -0.2
K19A	Abelson Red Bu	83.69 42 eP	83.69	42	eP	P	08 29 49.2 -0.8
G17A	Pierce Place,	83.77 39 eP	83.77	39	eP	P	08 29 50.3 +0.1
HRV	Holler Researc	83.84 38 eP	83.84	38	eP	P	08 29 50.5 -0.1
K20A	Yellowstone Ra	83.94 42 eP	83.94	42	eP	P	08 29 50.1 -1.0
C15A	Salmond Ranch,	83.96 36 eP	83.96	36	eP	P	08 29 51.1 -0.1
M21A	Separation Pea	84.07 44 eP	84.07	44	eP	P	08 29 51.2 -0.7
F17A	Fitzpatrick Pl	84.11 39 eP	84.11	39	eP	P	08 29 51.9 0.0
A14A	Double T Ranch	84.16 35 eP	84.16	35	eP	P	08 29 51.5 -0.6
D16A	Dana Ranch, Ca	84.17 37 eP	84.17	37	eP	P	08 29 52.0 -0.3
RWWV	Rawlins	84.21 44 eP	84.21	44	eP	P	08 29 52.7 +0.1
L21A	Rawlins	84.24 43 eP	84.24	43	eP	P	08 29 52.5 -0.2
B15A	Bradley Ranch,	84.28 36 eP	84.28	36	eP	P	08 29 52.9 +0.2
E17A	Martinsdale	84.28 38 eP	84.28	38	eP	P	08 29 53.2 +0.3
C16A	Fuhringer Ranc	84.37 37 eP	84.37	37	eP	P	08 29 53.0 -0.7
G18A	Lazy EL Ranch,	84.48 40 eP	84.48	40	eP	P	08 29 54.0 +0.2
M22A	Cedar Creek Ra	84.49 44 eP	84.49	44	eP	P	08 29 53.9 -0.1
AL1A	Johnson Ranch,	84.54 35 eP	84.54	35	eP	P	08 29 53.1 -1.0
R5M	Red Lodge	84.56 40 eP	84.56	40	eP	P	08 29 53.9 -0.3
F18A	Big Timber	84.68 39 eP	84.68	39	eP	P	08 29 54.8 -0.1
D17A	Six Diamond Ra	84.74 38 eP	84.74	38	eP	P	08 29 54.7 -0.4
B16A	M & M Farms, S	84.81 36 eP	84.81	36	eP	P	08 29 54.5 -1.0
L22A	Ellis Ranch, M	84.89 44 eP	84.89	44	eP	P	08 29 55.7 -0.3
E18A	Harlowton	84.90 38 eP	84.90	38	eP	P	08 29 56.2 +0.3
C17A	Wharram Farm,	84.94 37 eP	84.94	37	eP	P	08 29 55.6 -0.6
A16A	West Butte Ran	85.16 36 eP	85.16	36	eP	P	08 29 56.7 -0.5
A17A	Triple J Farms	85.66 36 eP	85.66	36	eP	P	08 29 59.7 0.0
EGMT	Capleton	86.73 37 eP	86.73	37	eP	P	08 29 59.8 -0.3
BJI	Beijing	87.22 314 P	87.22	314	P	P	08 30 03.0 +0.3
BJI						S S	08 40 33.5 -4.7
BJI	comp=Z,15nm,0.6s,mb5.4					Pmax Pmax	
BJI	comp=Z,76nm,4.6s					LR LR	
BJI	comp=N,91nm,26.2s,MS4.2					LR LR	
EDM	Edmonton	86.54 31 eP	86.54	31	eP	P	08 30 03.4 -0.

7d 9h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Kashi, Almayashu, Uchtor, Karatay Array, etc.

ISC/JB 07 09:00:50.71.5.23'0N.01'1.70'51E.0.06, h16km, 15km, mb3.4/5, Error ellipse: s-maj=18.6km s-min=8.3km az=14.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Bhuj, Nagpur, New Delhi, Dehra Dun, etc.

ISC 07 09:00:51.9.1.6.23'10N.0'09.70'47E.0.06, h6km, 13km, n21, c13/26, mb3.4/5, 1C, Southern India

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Babate, Midelt, Torodi Ar, etc.

ISC/JB 07 09:26:53.0.2.0.22'66S.0'05:69'03W.0.07, h97km, 4km, mb3.7/5, Error ellipse: s-maj=10.8km s-min=7.9km az=24.7

NEIC 07 09:26:54.0.22'66S:69'08W, h86km, MG4.2(GUC), After

2008 APR

GUC 07 09:26:54.0.2.0.22'66S:69'08W, h86km, 5km, MD4.1, ML4.2

ISC 07 09:26:54.7.0.8.22'62S:68'92W, h89km, 4km, mb3.6/5, mb1 3.7/9, mb1mx3.6/19, mbtmp3.5/9, Error ellipse: s-maj=22.9km s-min=20.8km az=11.0

ISC 07 09:26:54.2.0.5.22'69S:0'05:69'04W.0.06, h91km, 4km, n22, c095/27, mb3.7/5, 1C-1D, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Limon Verde, Maria Elena, Mejillones, etc.

ISC/JB 07 09:51:11.4.0.3.28'96N.0'03:98'03W.0'03, h10km, s-min=3.4km az=168.3

NEIC 07 09:51:13.0.4.23'92N:98'04W, h5km, mb3.9/28, MN3.8, MW3.9(SLM), Error ellipse: s-maj=6.1km s-min=4.2km az=14.0

NEIC Felt (I) at Austin, Elmendorf, Falls City, Floresville, Pleasanton, Poth and San Antonio; (II) at Cibola. Also felt at Adkins, Bertram, Converse, Dripping Springs, Gillett, Houston, Jourdanton, Kames City, Kenedy, La Vernia, Marion, Mathis, Porter, Schertz and Stockdale.

ISC 07 09:51:12.2.1.0.28'85N:98'24W, h0km, mb4.0/6, mb1 4.1/13, mb1mx3.9/29, mbtmp4.0/13, ML4.3/5, MS3.1/6, Ms1 3.1/6, ms1mx2.8/36, Error ellipse: s-maj=19.6km s-min=9.4km az=174.0

ISC 07 09:51:13.5.0.3.33'83N.0'03:98'00W.0.02, h10km, n100, c135/128, mb4.1/11, MS2.9/4, 14C-13D, Near coast of Texas

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Kingsville, Hockley, Junction City, etc.

254

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Deer Hill, Amarillo, Mount Ida, Gardner Draw, etc.

IDC 07 10:27:06.3;13.0, 12.48N;88.72W, h70km, 10km, mb3.2/5, mb1 3.4/5, mb1mx3.3/20, mbtmp3.2/5, Error ellipse: s-maj=259.1km s-min=50.5km az=6.0
 ISJCJB 07 10:27:06.0;8.12;93N;0.08;89.21W;0.0;0.06, h84km, 6km, mb3.4/5, Error ellipse: s-maj=15.1km s-min=4.9km az=34.6
 CASC 07 10:27:11.6;0.9, 12.90N;89.21W, h58km, 13km, MD3.9, mb4.2(NEIC)
 NEIC 07 10:27:11.3;0.8, 13.87N;88.73W, h106km, 21km, mb4.2/1, MD3.7(SNET), Error ellipse: s-maj=34.6km s-min=2.19km az=52.0

NEIC Felt [I] at San Salvador.
 ISC 07 10:27:11.3;0.8, 12.92N;0.07;89.22W;0.06, h76km, 7km, n31, c#67/40, mb3.4/5, 1C-2D, Off coast of central America

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
LFRS	El Faro	0.77	12	Op	10 27 26.1	-0.8
SNET	Serv Nac Est T	0.72	35	Op	10 27 27.0	-0.4
SNET		0.72	35	eS	10 27 38.6	-0.7
SNVI	San Vicente	0.79	28	eP	10 27 27.0	-0.6
SNVI				eS	10 27 39.6	-0.1
BOQS	Boqueron	0.82	356	Op	10 27 27.9	-0.1
BOQS				eS	10 27 40.1	-0.2
LFU	La Fuente	0.83	7	eP	10 27 28.1	-0.1
LBRS	Las Brisas	0.84	12	Op	10 27 28.0	-0.2
SBSL	San Blas	1.00	37	eP	10 27 30.2	+0.1
VSM	San Miguel	1.05	61	eP	10 27 30.8	0.0
VSM				eS	10 27 45.3	0.0
RTR	El Retiro	1.06	337	eP	10 27 31.1	+0.3
BLLM	Bellamira	1.09	61	eP	10 27 31.0	-0.2
RBDL	Robleda	1.27	339	eP	10 27 34.1	+0.5
CAHU	Cacahuatitlan	1.30	49	eP	10 27 33.8	-0.1
CAHU				eS	10 27 51.6	+0.8
CNCH	Conchagua	1.40	75	eP	10 27 34.8	+0.3
CNCH				eS	10 27 53.6	+0.5
KMFO	Montecristo 2	1.48	35	eP	10 27 36.6	+0.3
MTQ2				eS	10 27 56.0	+0.9
CRIN	San Cristobal	2.13	96	eP	10 27 45.1	+0.3
CRIN				eS	10 28 09.7	-0.7
TGUH	Teguiguapa,Un	2.21	59	eP	10 27 46.1	+0.2
TGUH	Teguiguapa,Un	2.21	59	eP	10 27 46.0	+0.1
TELN	Telica	2.35	97	eP	10 27 47.9	+0.1
MIRN	Miramar	2.49	101	eP	10 27 49.5	-0.2
CNGN	Cerro Negro	2.49	99	eP	10 27 49.7	-0.1
CNGN				eS	10 28 20.0	+0.8
MOBM	Motomolombo	2.66	101	eP	10 27 52.1	+0.2
COPN	Copaltepe	2.67	106	eP	10 27 52.2	+0.1
COPN				eS	10 28 23.3	-0.2
CSAN		2.83	105	eP	10 27 54.6	+0.3
APYN	Apoyeque	2.88	103	eP	10 27 55.2	+0.2
JTS	JuntasAbangare	4.13	122	Pn	10 28 35.3	
TXAR	LajasArray	2.94	323	P	10 31 52.6	+2.4
TXAR		0.4nm, 0.5s, mb3.0, baz=139, slow=12, SNR=11			10 32 08.0	
PDAR	Pinedale Array	3.46	333	P	10 33 54.3	+1.6
PDAR		0.2nm, 0.7s, mb3.1, baz=146, slow=16, SNR=2.4				
PDAR		0.2nm, 0.5s, baz=146, slow=12, SNR=1.3			10 34 10.2	-0.4
ULM	Lac du Bonnet	37.63	353	P	10 34 17.7	-1.0
ULM		1.3nm, 0.5s, mb4.0, baz=173, slow=7.2, SNR=3.9				
ULM	Lac du Bonnet	37.63	353	P	10 34 17.7	-1.0
SCHO	Schefferville	45.35	18	P	10 35 20.2	-1.6
SCHO		0.8nm, 0.8s, mb3.5, baz=228, slow=14, SNR=3.4				
YKA	Yellowknife Ar	52.72	346	P	10 36 16.8	-1.2
YKA		0.2nm, 0.4s, mb3.5, baz=141, slow=8.1, SNR=9.1				
YKA		0.3nm, 0.6s, baz=143, slow=7.7, SNR=5.7			10 36 35.3	-1.7

NEIC 07 10:30:17.0;1.4, 37.29N;71.77E, h91km, 15km, Error ellipse: s-maj=19.8km s-min=6.6km az=60.0
 ISJCJB 07 10:30:18.1;0.9, 37.45N;0.04;72.0E;0.1, h116km, 12km, mb3.7/7, Error ellipse: s-maj=14.0km s-min=5.3km az=160.6
 IDC 07 10:30:20.1;4.4, 37.54N;71.91E, h104km, 36km, mb3.4/6, mb1 3.6/11, mb1mx3.4/26, mbtmp3.5/11, Error ellipse: s-maj=31.1km s-min=23.1km az=25.0
 NNC 07 10:30:29.0;8.8, 38.18N;71.81E, h178km, 86km, mb2.9, mb4.0, Error ellipse: s-maj=84.6km s-min=40.2km az=1.0
 ISC 07 10:30:16.8;0.9, 37.35N;0.04;71.89E;0.10, h87km, 11km, n51, c#153/66, mb3.7/7, 2C-5D, Afghanistan-Tajikistan border region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
CHCP	Chirah Chowk	3.85	163	P	10 31 22.9	+9.1
KSH	Kashi	3.86	55	Op	10 31 13.7	-0.2
KSH				eS	10 31 52.6	-5.6
KSH		comp=N, 340nm, 0.4s		smax		
AML	Almayashu	4.97	16	P	10 31 31.6	+2.6
AML	Almayashu	4.97	16	ePn	10 31 31.5	+2.6
AML		comp=E, 163nm, 0.8s		eS	10 32 22.9	-2.1
UCH	Uchter	5.27	22	ePn	10 31 35.7	+2.7
UCH		SNR=12				
UCH		comp=E, 37nm, 0.6s		eS	10 31 28.3	-4.1
KCHA	Kyzart	5.38	28	P	10 31 38.2	+3.7
EKS2	Erkin-Say	5.50	15	P	10 31 39.6	+3.5
EKS2		SNR=1				
EKS2	Erkin-Say	5.50	15	ePn	10 31 38.8	+2.7
AAK	Ala-Archa	5.64	20	P	10 31 41.1	+3.0
AAK		SNR=23				
AAK	Ala-Archa	5.64	20	P	10 31 40.1	+3.0
AAK		comp=E, 0.1nm, 0.3s, baz=166, slow=6.1, SNR=47		S	10 32 40.4	-1.0
AAK		comp=E, 0.1nm, 0.3s, baz=143, slow=23, SNR=15				
AAK	Ala-Archa	5.64	20	P	10 31 41.0	+3.0
AAK		SNR=1			10 32 40.1	-1.0
THN	Thein Dam	5.83	146	eP	10 31 46.2	+5.5
THN		comp=E, 15nm, 0.4s, baz=163, slow=12, SNR=115		eS	10 32 49.1	+3.0
KK31	Karatay Array	5.84	350	P	10 31 42.6	+1.8
KK31		comp=E, 12nm, 0.5s, baz=165, slow=21, SNR=5.3			10 32 46.2	-3.7
TKM2	Tokmak 2	6.24	26	Op	10 31 49.2	+2.9
TKM2		comp=E, 5.6nm, 0.6s		Op		
TKM2		comp=E, 3.9nm, 0.5s		Op	10 32 55.2	-0.9
TKM2		SNR=5.8				
TKM2	Tokmak 2	6.24	26	ePn	10 31 49.3	+3.0
TKM2		comp=E, 0.8nm, 0.5s			10 31 48.7	+2.5
DDI	Dehra Dun	8.68	142	eS	10 33 54.8	-1.0
JOSI	Joshimath	9.30	135	eP	10 32 33.1	+5.1
JOSI		comp=N, 172nm, 0.1s		AML	10 34 09.0	-1.8
JOSI		comp=E, 172nm, 0.1s		AML	10 34 15.2	
KALG	Kalgarh	9.70	142	ex	10 34 00.0	
KHET	Khetri	9.82	159	eS	10 34 21.3	-2.3
KHET		comp=N, 7.4nm, 0.1s		AML	10 34 26.2	
KHET		comp=E, 10nm, 0.3s		AML	10 34 28.2	
SONA	Sohna	10.07	153	eS	10 34 27.5	-2.2
SONA		comp=E, 20nm, 0.4s		AML	10 34 31.9	
SONA		comp=N, 14nm, 0.4s		AML	10 34 32.4	
MK31	Makanchi Array	12.18	36	Op	10 33 07.5	+0.4
MK31		comp=N, 0.8nm, 0.7s, baz=227, slow=18, SNR=4.6			10 33 07.8	+0.7
PKYU	Pluthan	12.18	131	eP	10 33 19.4	-0.3
PKYU		comp=N, 0.2nm, 0.3s, baz=124, slow=1.1, SNR=6.7				
PKYU		comp=N, 11nm, 0.3s			10 35 33.6	-1.0
DANN	Dangsing	13.41	129	eP	10 33 23.8	+0.3
DANN		comp=N, 3.3nm, 0.4s				

DANN	Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
						h m s	ISC
						10 35 41.9	-9.0
						10 33 28.1	+0.4
						10 33 28.8	-4.8
						10 33 34.9	+1.0
						10 36 02.1	-8.0
						10 33 38.3	-2.0
						10 36 08.2	-1.4
						10 33 38.4	-1.9
						10 33 42.3	+1.1
						10 35 15.4	-8.6
						10 33 46.1	-2.7
						10 33 55.5	+2.7
						10 33 51.3	-1.5
						10 33 54.0	+0.9
						10 34 02.0	+0.2
						10 36 51.9	-1.8
						10 34 20.0	+0.2
						10 37 03.9	-0.8
						10 37 19.8	+0.6
						10 37 18.8	+0.6
						10 37 18.7	-1.5
						10 37 48.5	+0.6
						10 37 48.5	+0.6
						10 38 16.5	+0.2
						10 38 16.9	+0.5
						10 40 57.9	+0.7
						10 42 18.2	+0.1
						10 42 18.2	+0.1
						10 42 28.4	+1.9

NEIC 07 10:38:35.7, 38.89S;178.72E, h26km, ML3.7(WEL), After WEL
 WEL 07 10:38:35.7;0.3, 38.89S;178.72E, h48km, 5km, ML3.8/10, 4C-2D, Error ellipse: s-maj=4.0km s-min=1.7km az=90.0, Off east coast of North Island

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	
					h m s	ISC	
						10 38 47.3	-0.5
						10 38 57.0	+0.7
						10 38 48.1	-0.7
						10 38 57.6	-0.6
						10 38 49.9	-0.2
						10 38 59.6	+0.7
						10 38 50.5	-0.5
						10 38 50.6	-0.5
						10 39 01.8	
						10 39 01.8	
						10 38 51.6	-0.4
						10 39 14.6	
						10 39 15.1	
						10 39 54.2	-0.4
						10 38 54.2	-0.3
						10 39 07.9	
						10 39 09.5	
						10 38 59.0	+0.6
						10 39 09.0	+0.6
						10 39 29.0	
						10 38 59.0	0.0
						10 38 59.0	0.0
						10 38 59.0	+0.2
						10 38 59.8	-0.2
						10 39 02.8	0.0
						10 39 03.7	0.0
						10 39 03.6	-0.1
						10 39 14.9	-0.2
						10 39 02.4	-0.1
						10 39 03.6	-1.1
						10 39 24.8	
						10 39 34.2	
						10 39 34.3	
						10 39 34.0	
						10 39 07.4	+2.2
						10 39 06.3	+0.8
						10 39 07.6	-0.3
						10 39 07.2	-1.4
						10 39 07.7	-0.9
						10 39 12.8	-0.1
						10 39 12.9	+0.8
						10 39 13.1	+1.0
						10 39 13.8	+1.1
						10 39 11.7	-1.1
						10 39 12.1	-1.1
						10 39 12.0	-0.9
						10 39 12.1	-0.8
						10 39 14.2	+0.8
						10 39 14.2	+0.7
						10 39 14.9	+1.0
						10 39 14.7	+1.0
						10 39 14.9	+1.0
						10 39	

7d 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NVAR Mina Array Bea, MDJ Mudjanjag, MDJ comp=Z, 4.0nm, 2.0s, mb3.8, etc.

IDC 07 14:33:21.4, 1.6, 1.62N, 126.91E, h0km, mb3.8/4, mb1.0/4.0, mb1mx3.7/16, mbtmp3.9/4, MS2.7/1, Ms1.2/7.1, ms1mx2.2/23, Error ellipse: s-maj=176.1km s-min=21.2km az=65.0

ISCJB 07 14:33:24.8, 1.0, 1.3N, 126.2E, 0.2, h33km, mb3.9/4, Error ellipse: s-maj=42.8km s-min=16.7km az=138.7

ISC 07 14:33:27.0, 1.0, 1.4N, 126.4E, 0.3, h35km, n6, c0568/5, mb3.9/4, 1D, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TNE Ternate, GUMO Guam, WRA Warramunga Arr, etc.

IDC 07 14:54:23.4, 0.5, 16.83S, 176.93W, h0km, mb3.8/2, mb1.3/9.2, mb1mx3.6/14, mbtmp3.8/2, Error ellipse: s-maj=198.1km s-min=52.2km az=139.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, GERES GERES Array B, etc.

NIED 07 15:05:04.2, 7.0N, 145.50E, h32km, Mw3.4 Best double couple: Mo1.26000, 1014 NP1.3, 24.00000, 864.00000, 1.13.00000, NP2.1, 159.00000, 834.00000, 1.51.00000

JMA 07 15:05:04.3, 0.1, 42.66N, 145.47E, h49km, 2km, M3.6, Hokkaido region

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

NEIC 07 15:13:14.1, 25.46S, 71.17W, h22km, ML4.3(GUC), After GUC

GUC 07 15:13:14.1, 0.6, 25.46S, 71.17W, h22km, 3km, ML4.3, Off coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANCH Antofagasta, CPCH Copiapo, LVC Limon Verde, etc.

ISCJB 07 15:50:19.7, 0.5, 51.50N, 0.03, 16.10E, 0.03, h0km, Error ellipse: s-maj=5.0km s-min=2.5km az=14.9

IPEC 07 15:50:20.7, 0.2, 51.58N, 16.13E, h0km, ML2.2/3, Error ellipse: s-maj=1.7km s-min=1.3km az=28.0

PRU 07 15:50:22.9, 51.48N, 16.06E, h0km, Felt In Harachov CSEM 07 15:50:22.0, 0.3, 51.49N, 16.05E, h2km, ML3.4/12, Error ellipse: s-maj=5.0km s-min=3.5km az=34.0

IDC 07 15:50:22.6, 1.0, 51.48N, 16.08E, h0km, mb1.3/4.4, mb1mx3.1/22, mbtmp3.2/4, ML2.9/4, Error ellipse: s-maj=19.1km s-min=8.6km az=110.0

WAR 07 15:50:22.7, 51.51N, 16.06E, ML2.7, Mining Induced NEIC 07 15:50:22.0, 0.8, 51.52N, 16.06E, h5km, ML2.9(SZGRF), Error ellipse: s-maj=8.8km s-min=5.9km az=224.0

VIE 07 15:50:23.9, 0.9, 51.31N, 16.09E, h1km, 4km, mb2.3/4,

2008 APR

ML2.8/4, Error ellipse: s-maj=4.6km s-min=2.2km az=11.0 68 km WNW of Wrocław Suspected Mining induced

ISC 07 15:50:21.1, 0.5, 51.53N, 0.02, 16.09E, 0.03, h0km, m58, c0959/103.5C-1D, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSP Ksiaz, UPC Upec, DPC Dobruska-Polom, etc.

ISCJB 07 15:54:11.4, 0.7, 37.33S, 0.05, 176.5E, 0.1, h361km, 6km, mb3.6/3, Error ellipse: s-maj=14.0km s-min=8.3km az=12.9

NEIC 07 15:54:11.0, 0.5, 37.20S, 176.79E, h359km, 4km, mb3.8/1, Error ellipse: s-maj=10.5km s-min=9.7km az=65.0

260

IDC 07 15:54:12.3, 0.9, 37.24S, 176.17E, h324km, 15km, mb3.5/2, mb1.3/7.3, mb1mx3.1/13, mbtmp3.6/3, Error ellipse: s-maj=42.6km s-min=23.3km az=139.0

WEL 07 15:54:14.1, 0.3, 37.28S, 176.67E, h332km, 2km, ML4.7/26, Error ellipse: s-maj=3.7km s-min=3.5km az=0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OPRZ Hinepanea, TARZ Mount Tarawera, RRRZ Republican Road, etc.

WEL 07 15:54:14.0, 0.7, 37.20S, 176.79E, h359km, 4km, mb3.8/1, Error ellipse: s-maj=10.5km s-min=9.7km az=65.0

WEL 07 15:54:14.0, 0.7, 37.20S, 176.79E, h359km, 4km, mb3.8/1, Error ellipse: s-maj=10.5km s-min=9.7km az=65.0

SNZO South Karori, SNZO South Karori

Table with 10 columns: KHZ, Station Name, Frequency, Power, Class, Mode, Time, Res, ISC, Res. Includes stations like Kahutara, Lake Taylor, etc.

IDC 0720:19.14.1.8, 1.42N, 125.19E, h0km, mb3.5/3, m-bj=3.7/3, mb1mx3/5.14, mbtmp3.5/3, Error ellipse: s-maj=20.42km s-min=25.2km az=63.0, Northern

NIED 0720:25:00, 43.70N, 147.20E, h56km, Mw4.1 Best double couple: Mb1.60000+0.015, NP1.45, 0.0000, 0.68, 0.0000, 1.45, 0.0000, NP2.35, 0.0000, 0.64, 0.0000, 1.50, 0.0000

ISCJTB 0720:25:04, 1.0, 0.7, 43.73N, 0.05, 147.29E, 0.7, h62km, 6km, mb4.1/24, Error ellipse: s-maj=10.9km s-min=5.1km az=138.1

ISC 0720:25:05.0, 7, 43.73N, 0.05, 147.26E, 0.06, h56km, 5km, m6.8, c1037/8, mb4.1/24, 1C-1D, Kuril Islands

Table with 10 columns: Code, Station Name, Delta, Az, Phase, ID, Time, Res, ISC, Res. Includes stations like Yuzh-Kuril'sk, Nemuro 2, Kuril'sk, etc.

MAN 0721:20:59, 13.61N, 119.88E, h8km, mb4.2, ML3.1, MS2.8, 1C, Philippine Islands region

Table with 10 columns: Code, Station Name, Delta, Az, Phase, ID, Time, Res, ISC, Res. Includes stations like Raoul Island, Urwera, etc.

ISC 0721:44:14, 8.1, 3, 40.07N, 15.72E, h0km, mb3.5/4, m-bj=3.6/4, mb1mx3.4/22, mbtmp3.6/4, MS3.6/1, M1 3.6/1, ms1mx2.4/25, Error ellipse: s-maj=77.9km s-min=21.5km az=121.0

ISC 0721:44:32.0, 6, 40.54N, 15.23E, h338km, 9km, M12, 8/6, Error ellipse: s-maj=12.4km s-min=4.5km az=78.0

ISCJTB 0721:44:43.2, 0.7, 40.51N, 15.08E, 0.15, 1E, 0.2, h312km, 6km, mb3.2/4, Error ellipse: s-maj=23.2km s-min=12.2km az=1.2

ISC 0721:44:44.1, 0.7, 40.50N, 15.08E, 0.15, 1E, 0.2, h306km, 6km, n15, c065/18, mb3.2/4, 3D, Southern Italy

Table with 10 columns: Code, Station Name, Delta, Az, Phase, ID, Time, Res, ISC, Res. Includes stations like Muro Lucano, Rignano Grg, etc.

IDC 0722:00:12.5, 1, 0, 38.09N, 71.61E, h0km, mb4.0/12, mb4.1/18, mb1mx3.9/29, mbtmp4.0/18, ML3.7/6, MS3.2/7, M1 3.2/7, ms1mx3.0/33, Error ellipse: s-maj=20.9km s-min=11.5km az=135.0

AFGHANISTAN-TAJIKISTAN border region

Table with 10 columns: INK, Station Name, Frequency, Power, Class, Mode, Time, Res, ISC, Res. Includes stations like Inuvik, Chiang Mai, etc.

IDC 0723:11:28, 0.9, 0.4, mb1.4, baz=58, slow=6.6, SNR=3.1

ARCES ARCESS Array B 59.25 340 P P 20 34 58.8 -1.8

WRA Warramunga Arr 64.50 193 P P 20 35 36.7 +0.4

FINES FINES Array B 64.89 333 P P 20 35 37.4 -1.0

NB2 NORSAR Subarra 69.61 339 P P 20 36 07.6 -0.7

PLCA Paso Flores 152.01 97 PKPbc PKPbc 20 44 54.7 +0.5

IDC 0721:14:45.9, 1.7, 18.80S, 177.72W, h0km, mb3.8/1, mb1 4.3/2, mb1mx3.8/15, mbtmp4.1/2, ML4.3/1, MS3.3/2, Ms1 3.3/2, ms1mx3.0/19, Error ellipse: s-maj=58.3km s-min=39.8km az=115.0, Fiji Islands region

Table with 10 columns: Code, Station Name, Delta, Az, Phase, ID, Time, Res, ISC, Res. Includes stations like Raoul Island, Urwera, etc.

ARCES ARCESS Array B 127.30 350 PKP P 21 33 51.0 -0.8

GERES GERES Array B 148.64 314 PKPbc PKPbc 21 34 35.1 +0.2

MAN 0721:20:59, 13.61N, 119.88E, h8km, mb4.2, ML3.1, MS2.8, 1C, Philippine Islands region

ISC 0721:44:14, 8.1, 3, 40.07N, 15.72E, h0km, mb3.5/4, m-bj=3.6/4, mb1mx3.4/22, mbtmp3.6/4, MS3.6/1, M1 3.6/1, ms1mx2.4/25, Error ellipse: s-maj=77.9km s-min=21.5km az=121.0

ISC 0721:44:32.0, 6, 40.54N, 15.23E, h338km, 9km, M12, 8/6, Error ellipse: s-maj=12.4km s-min=4.5km az=78.0

ISC 0721:44:43.2, 0.7, 40.51N, 15.08E, 0.15, 1E, 0.2, h312km, 6km, mb3.2/4, Error ellipse: s-maj=23.2km s-min=12.2km az=1.2

ISC 0721:44:44.1, 0.7, 40.50N, 15.08E, 0.15, 1E, 0.2, h306km, 6km, n15, c065/18, mb3.2/4, 3D, Southern Italy

Table with 10 columns: Code, Station Name, Delta, Az, Phase, ID, Time, Res, ISC, Res. Includes stations like Muro Lucano, Rignano Grg, etc.

IDC 0722:00:12.5, 1, 0, 38.09N, 71.61E, h0km, mb4.0/12, mb4.1/18, mb1mx3.9/29, mbtmp4.0/18, ML3.7/6, MS3.2/7, M1 3.2/7, ms1mx3.0/33, Error ellipse: s-maj=20.9km s-min=11.5km az=135.0

AFGHANISTAN-TAJIKISTAN border region

Large table with 10 columns: Code, Station Name, Delta, Az, Phase, ID, Time, Res, ISC, Res. Includes stations like Kashi, Kabul, Almayashu, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GUN Gumba, RAMN Ramite, AAK Alaracha, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VYHS comp=2.2,0nm,1.2s,mb3.9, VYHS Vyhne, PRZ Plesseto, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NEM2 Nemuro 2, NEM2 Nemuro 2, NEM2 Nemuro 2, etc.

7d 22h

KLK	comp=N,500nm,13.0s	MLR	MLR			
SEY	comp=Z,700nm,13.0s	19.09	5peP	Pn	22 52 15.5	-3.4
YAK	Seymchan	21.29 335	P	P	22 52 39.3	-2.5
BOD	Yakutsk	25.62 315	P	P	22 53 17.8	-6.3
ULN	Ulanbaatar	29.07 293	eP	P	22 53 55.1	0.0
ULN	comp=Z,2.0nm,1.1s,mb3.8					
ULN	Ulanbaatar	21.57 293	eP	P	22 53 55.1	0.0
SONM	comp=Z,2.1nm,1.1s,mb3.8					
SONM	Songino Array	29.51 293	eP	P	22 53 57.5	-1.5
SONM	comp=Z,2.0nm,0.5s,mb3.6,baz=89,slow=7.9,SNR=3.9					
YHNB	comp=Z,194nm,20.2s,baz=247,slow=33					
YHNB	Yeheng	29.55 238	P	P	22 53 59.9	+0.3
SSLB	Suanguang	30.46 238	P	P	22 54 07.2	-0.4
MKAR	Makungli Array	45.56 298	P	P	22 56 14.2	-0.2
INK	comp=Z,2.0nm,0.7s,mb4.2,baz=79,slow=7.8,SNR=15					
INK	Inuvik	45.58 31	P	P	22 56 14.4	+0.2
INK	comp=Z,2.0nm,0.5s					
INK	Inuvik	45.58 31	P	P	22 56 14.4	+0.1
INK	comp=Z,1.7nm,0.5s,mb4.2,baz=286,slow=7.0,SNR=8.4					
INK	Inuvik	45.58 31	eP	P	22 56 15.4	+1.2
KURK	comp=Z,1.5nm,0.6s,mb4.1					
KURK	Kurchatov	46.41 304f	eP	P	22 56 19.7	-1.3
KURK	comp=Z,2.0nm,1.0s,mb4.0					
KURK	Kurchatov	46.41 304	P	P	22 56 19.3	-1.7
TKM2	TKM2	51.51 296	eP	P	22 57 01.2	+1.0
TKM2	TKM2	51.51 296	eP	P	22 57 01.2	+1.0
TKM2	comp=Z,4.0nm,1.2s,mb4.2					
TKM2	Tokmak 2	51.51 296	eP	P	22 57 01.2	+1.1
EKS2	Erkin-Say	52.81 297	eP	P	22 57 08.8	-1.1
EKS2	comp=Z,1.3nm,0.4s,mb4.2					
AML	Almaysay	53.12 296	eP	P	22 57 12.2	+0.1
RES	comp=Z,1.0nm,0.4s,mb4.3					
RES	Resolute Bay	54.39 17	eP	P	22 57 21.5	+0.6
RES	comp=Z,4.0nm,1.0s,mb4.3					
RES	Resolute Bay	54.39 17	P	P	22 57 21.1	+0.1
RES	comp=Z,1.5nm,0.9s,mb3.9,baz=297,slow=8.9,SNR=7.3					
RES	Resolute Bay	54.39 17	eP	P	22 57 21.5	+0.6
RES	comp=Z,4.2nm,1.0s,mb4.3					
RES	Resolute Bay	54.39 17	P	P	22 57 25.7	+0.7
YKA	Yellowknife Arr	54.92 34	P	P	22 57 25.7	+0.7
YKA	comp=Z,0.5nm,0.7s,mb4.7,baz=296,slow=6.8,SNR=8.9					
YKA	Yellowknife Ar	54.92 34	P	P	22 57 25.7	+0.7
ARU	Arti	55.01 317	P	P	22 57 23.7	-2.0
ARU	Arti	55.01 317	P	P	22 57 23.7	-2.0
ARU	Arti	55.01 317	P	P	22 57 23.7	-2.0
ABKAR	Abkulk array	57.87 309	eP	P	22 57 46.8	+0.7
ABKAR	comp=Z,1.8nm,0.4s,mb4.3					
ARCES	ARCCESS Array B	59.45 340	P	P	22 57 57.9	+1.1
ARCES	comp=Z,6.8nm,1.1s,mb4.6,baz=41,slow=7.2,SNR=2.3					
JOF	Joensuu	62.45 333	eP	P	22 58 15.9	-1.3
JOF	comp=Z,1.0nm,0.5s,mb4.2					
JOF	Joensuu	62.45 333	eP	P	22 58 15.9	-1.3
JOF	comp=Z,1.2nm,0.5s,mb4.3					
KAF	Kangasniemi	64.64 334	eP	P	22 58 30.2	-1.5
KAF	comp=Z,2.0nm,0.7s,mb4.3					
KAF	Kangasniemi	64.64 334	eP	P	22 58 30.2	-1.5
KAF	comp=Z,2.3nm,0.7s,mb4.3					
WRA	Warrunguna Arr	64.99 195	P	P	22 58 34.0	-0.4
WRA	comp=Z,0.4nm,0.5s,mb3.9,baz=15,slow=6.7,SNR=4.0					
FINES	FINES Array B	65.22 334	P	P	22 58 35.3	-0.1
FINES	comp=Z,2.0nm,0.5s,mb4.4,baz=38,slow=7.0,SNR=19					
NVAR	Mina Array Bae	66.41 59	P	P	22 58 44.7	+1.1
NVAR	comp=Z,0.4nm,0.5s,mb3.7,baz=326,slow=4.7,SNR=2.7					
NVAR	NORSAR Subarra	69.82 340	P	P	22 59 05.1	+0.6
NVAR	comp=Z,0.6nm,0.4s,mb3.9,baz=28,slow=6.5					
NOA	NORSAR Array B	69.82 340	P	P	22 59 05.0	+0.5
NOA	comp=Z,0.9nm,0.5s,mb4.0,baz=29,slow=6.4,SNR=11					
NOA	comp=Z,1.2nm,0.4s,baz=30,slow=6.3,SNR=4.1					
NOA	NORSAR Array B	69.82 340	P	P	22 59 05.0	+0.5
NOA	comp=Z,1.2nm,0.4s,baz=30,slow=6.3,SNR=4.1					
NOA	Schefferville	76.98 20	pP	P	22 59 17.1	-0.3
NOA	comp=Z,2.3nm,1.0s,mb4.0,baz=320,slow=7.9,SNR=3.0					
SCHQ	Muntele Ross	77.52 323	P	P	22 59 51.6	+1.6
SCHQ	comp=Z,0.7nm,0.6s,mb3.8,baz=0,slow=1.9,SNR=3.6					
VRAC	Vranov	78.14 330	P	P	22 59 54.0	+0.7
VRAC	comp=Z,0.7nm,0.4s,mb3.9,baz=45,slow=8.5,SNR=3.6					
GERES	GERESS Array B	79.54 332	P	P	23 00 02.4	+1.3
GERES	comp=Z,0.2nm,0.3s,mb3.5,baz=62,slow=9.2,SNR=3.5					
GERES	comp=Z,0.4nm,0.4s,baz=50,slow=5.3,SNR=4.7					
TXAR	Lajitas Array	81.50 57	P	P	23 00 14.2	+0.1
TXAR	comp=Z,0.6nm,0.8s,mb3.6,baz=300,slow=5.1,SNR=5.9					
TXAR	comp=Z,0.5nm,0.6s,baz=294,slow=3.6,SNR=5.2					

BUJ 07 22:54:34.9, 19.98S; 168.74E, h13km, mB5.6/43, mB5.0/43, M55.4/47, M57.5/146
ISCJB 07 22:54:35.7-0.1, 19.94S; 168.74E; 0.02, h10km, mB5.3/117, M55.4/221, Error ellipse: s-maj=3.9km s-min=2.8km az=157.1
IDC 07 22:54:35.5-0.4, 19.98S; 168.54E, h0km, mB5.0/17, mb1 5.1/20, mb1 mx5.1, mb2 btmp5.0/20, ML4.8/2, M55.1/19, M51.5/19, ms1mx5.0/26, Error ellipse: s-maj=10.7km s-min=9.4km az=45.0
GCMT 07 22:54:36.9-0.1, 20.06S; 168.46E, h21km, MW5.8/107, Moment Tensor Solution: e98,c184; s107,c277; Duration: 199 Moment tensor: Scale 10¹⁷N; M_{xx}=3.95e+06; M_{yy}=0.23e+04; M_{zz}=-0.19e+05; M_{xy}=0.45e+09; M_{yx}=1.73e+04; M_{xz}=3.74e+11; Best double couple: M55.77900x10¹⁷ NP1_{xy}=330.00000; s26.00000; λ.72.00000; NP2_{xy}=170.00000; s66.00000; λ.99.00000; λ.59.00000; NP2_{xy}=38.00000; s38.00000; λ.140.00000; Principal axes: T 5.4160, Plg68.0000; Azm97.0000; N 0.7190, Plg8.0000; Azm346.0000; P -6.1420, Plg20.0000; Azm253.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s
NEIC 07 22:54:36.9-0.1, 19.97S; 168.45E, h10km, mB5.5/82, M55.1/87, MW5.7, MW5.7 Error ellipse: s-maj=5.1km s-min=4.1km az=158.0 Moment Tensor Solution: s32 Moment tensor: Scale 10¹⁷N; M_{xx}=4.35; M_{yy}=0.02; M_{zz}=-0.43; M_{xy}=-2.00; Best double couple: M4.30000x10¹⁷ NP1_{xy}=161.00000; s67.00000; λ.59.00000; NP2_{xy}=38.00000; s38.00000; λ.140.00000; Principal axes: T 2.6500, Plg56.0000; Azm29.0000; N 2.3100, Plg28.0000; Azm174.0000; P -4.9500, Plg16.0000; Azm273.0000;
LDG 07 22:54:37.9-0.3, 19.86S; 167.68E, h10km, mB5.6/4, M55.3/9 Error ellipse: s-maj=35.1km s-min=19.0km az=19.0
MOS 07 22:54:39.5-1.3, 19.91S; 169.40E, h33km, mB5.7/49, M55.3/71, Error ellipse: s-maj=7.8km s-min=7.0km az=118.8
SZGRF 07 22:54:39.8, 20.29S; 169.74E, h33km, mB5.5, Vanuatu Islands
ISC 07 22:54:36.0-1.0, 19.98S; 168.54E; 0.02, h3km, mB5.3/117, M55.4/221, 130C-85, Vanuatu Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
DZM	Mont Dzumac	2.86	223	ePn	22 55 20.2	-2.3
DZM	Mont Dzumac	2.86	223	eP	22 55 19.8	-2.7
DZM	Mont Dzumac	2.86	223	eS	22 55 57.7	+0.2
DZM	Mont Dzumac	2.86	223	ePn	22 55 20.0	-2.5
DZM	Mont Dzumac	2.86	223	eS	22 55 56.1	-1.4
NOUC	Port Laguerre	2.97	224	eP	22 55 23.6	-0.4
NOUC	Port Laguerre	2.97	224	eS	22 56 00.5	+0.2
HNR	Honiara	13.37	320	Pn	22 57 47.6	+0.8
HNR	comp=Z,2.0nm,1.1s,mb3.8					
HNR	Honiara	13.37	320	eP	23 01 11.2	
HNR	comp=Z,2.0nm,1.8s,baz=142,slow=30					
HNR	Honiara	13.37	320	ePn	22 57 48.4	+1.6
HNR	comp=Z,2.0nm,1.1s,mb3.8					
RAO	Raoul Island	15.38	130	eP	23 00 16.1	0.0
RAO	comp=Z,2.0nm,1.8s,baz=322,slow=33					
RAO	Raoul Island	15.38	130	eP	23 00 17.6	+3.6
RAO	comp=Z,2.0nm,1.1s,mb3.8					
RAO	Raoul Island	15.38	130	eP	23 01 10.4	+5.4
RAO	comp=Z,2.0nm,1.1s,mb3.8					
RAO	Raoul Island	15.38	130	eP	23 02 03.2	
OUZ	Omahuta	15.83	165	ePn	22 58 20.1	+0.2
OUZ	comp=Z,2.0nm,1.1s					

2008 APR

OUZ	Eidsvold	16.98	248j	eS	Pn	23 01 19.9	+4.1
EIDS	69nm,1.2s					22 58 34.5	-0.1
ARMA	Armidale	18.48	232	eS	Pn	23 01 55.5	+12
ARMA	Armidale	18.48	232	eS	Pn	22 59 55.7	+2.5
ARMA	Armidale	18.48	232j	ePn	Pn	23 00 40.2	+1.0
ARMA	Armidale	18.48	232j	ePn	Pn	22 58 53.6	+0.5
ARMA	Armidale	18.48	232j	ePn	Pn	22 58 53.6	+0.5
URZ	Urewhera	19.68	160	eS	Pn	23 02 04.4	+4.2
URZ	comp=Z,0.3s,baz=320,slow=7.9,SNR=18					22 59 27.7	-0.9
URZ	Urewhera	19.68	160	eS	Pn	23 02 51.5	+2.5
URZ	comp=Z,1.3nm,19.4s,baz=349,slow=34					23 05 41.2	
URZ	Urewhera	19.68	160	eP	Pn	23 05 49.7	+0.3
URZ	comp=Z,1.3nm,19.4s,baz=349,slow=34					23 05 41.2	
URZ	Urewhera	19.68	160	eP	Pn	23 05 49.7	+0.3
URZ	comp=Z,1.3nm,19.4s,baz=349,slow=34					23 05 41.2	
AFI	Afihamalu	19.76	75	eS	Pn	23 02 52.9	+3.9
AFI	comp=Z,1.62nm,1.0s					22 59 07.5	-1.3
AFI	Afihamalu	19.76	75	eS	Pn	23 02 52.9	+3.9
AFI	comp=Z,1.5nm,0.3s,baz=153,slow=19,SNR=5.2					22 59 07.5	-1.3
AFI	Afihamalu	19.76	75	eS	Pn	23 02 52.9	+3.9
AFI	comp=Z,1.5nm,0.3s,baz=153,slow=19,SNR=5.2					22 59 07.5	-1.3
AFI	Afihamalu	19.76	75	eS	Pn	23 02 52.9	+3.9
AFI	comp=Z,1.62nm,1.0s					22 59 07.5	-1.3
AFI	Afihamalu	19.76	75	eS	Pn	23 02 52.9	+3.9
AFI	comp=Z,1.5nm,0.3s,baz=153,slow=19,SNR=5.2					22 59 07.5	-1.3
AFI	Afihamalu	19.76	75	eS	Pn	23 02 52.9	+3.9
AFI	comp=Z,1.62nm,1.0s					22 59 07.5	-1.3
AFI	Afihamalu	19.76	75	eS	Pn	23 02 52.9	+3.9
AFI	comp=Z,1.5nm,0.3s,baz=153,slow=19,SNR=5.2					22 59 07.5	-1.3
AFI	Afihamalu	19.76	75	eS	Pn	23 02 52.9	+3.9
AFI	comp=Z,1.62nm,1.0s					22 59 07.5	-1.3
AFI	Afihamalu	19.76	75	eS	Pn	23 02 52.9	+3.9
AFI	comp=Z,1.5nm,0.3s,baz=153,slow=19,SNR=5.2					22 59 07.5	-1.3
AFI	Afihamalu	19.76					

ERM	comp=Z,1um,19.0s,MS5.2	MLR	MLR	
MYKOM	Kota Tinggi 66.96 281	P	P	23 05 31.8 +1.3
YUK	Yuzh-Kuril'sk 67.00 342	P	S	23 05 33.0 +2.9
YUK		eS	S	23 14 25.0 +0.7
KGM	Kluang 67.54 281	P	P	23 05 35.3 +1.1
ASAJA	Asahikawa 68.06 340	P	P	23 05 37.2 +0.4
SSE	Sheshan 68.16 317	P	S	23 05 37.1 -0.6
SSE		S	S	23 14 39.2 +0.5
SSE		sS	S	23 14 44.5 +4.3
SSE	comp=Z,20nm,0.8s,mb5.2	pmax	pmax	
SSE	comp=Z,260nm,7.4s	LR	LR	
SSE	comp=N,530nm,17.5s,MS5.0	LR	LR	
SSE	comp=E,650nm,17.5s,MS5.0	LR	LR	
GZH	Guangzhou 68.78 306	P	P	23 05 40.5 -1.3
GZH		S	S	23 14 47.3 +0.9
GZH		LR	LR	
GZH	comp=N,290nm,13.9s,MS5.0	LR	LR	
GZH	comp=E,580nm,17.9s,MS5.0	LR	LR	
GZH	comp=Z,1um,24.7s	LR	LR	
COCO	West Island 68.91 264	P	S	23 05 36.6 -6.2
COCO		eS	P	23 14 43.4 -4.9
COCO		MLR	MLR	
KTGM	Kuala Trengganu 69.00 284	P	P	23 05 44.3 +0.9
QIZ	Qiongzong 69.38 300	P	P	23 05 43.5 -2.0
QIZ		pP	pP	23 05 48.4 +1.9
QIZ		S	S	23 14 47.6 -6.0
QIZ		sS	sS	23 14 59.2 +4.1
QIZ	comp=Z,25nm,1.7s,mb4.9	pmax	pmax	
QIZ	comp=Z,370nm,9.8s	pmax	pmax	
QIZ	comp=Z,630nm,24.9s,MS4.8	LR	LR	
QIZ	Qiongzong 69.38 300	eP	P	23 05 44.2 -1.3
QIZ		eS	S	23 14 56.9 +3.3
QIZ		LR	LR	
FRIM	comp=Z,750nm,20.0s,MS4.9			
OSP	South Pole Qui 70.08 180	P	P	23 05 48.4 +1.5
OSP		P	P	23 05 48.5 -0.4
OSP	comp=Z,43nm,1.0s,mb5.3,baz=12,slow=3.5,SNR=45			
NJ2	Nanjing 70.28 317	eP	P	23 05 41.5 -9.4
NJ2		pP	pP	23 05 46.3 -5.5
NJ2		sP	sP	23 05 49.0 -3.1
NJ2		S	S	23 14 45.0 +1.9
NJ2		sS	sS	23 14 52.5 -1.3
NJ2		SKS	SKS	23 15 35.5
NJ2	comp=Z,10.0nm,0.6s,mb4.9	pmax	pmax	
NJ2	comp=Z,380nm,7.3s	pmax	pmax	
NJ2	comp=N,1um,26.0s,MS5.2	LR	LR	
NJ2	comp=E,1um,28.9s,MS5.2	LR	LR	
NJ2	comp=Z,2um,27.9s,MS5.1	LR	LR	
YSS	Yuzh-Sakhalins 70.56 342	eP	P	23 05 52.7 +0.5
YSS		S	S	23 15 08.3 +1.9
YSS		pmax	pmax	
YSS	comp=Z,37nm,0.9s,mb5.3	MLR	MLR	
YSS	comp=Z,778nm,20.0s,MS5.0			
YSS	Yuzh-Sakhalins 70.56 342	eP	P	23 05 53.0 +0.8
YSS		eP	pP	23 06 03.0 +1.0
YSS		e'SP	sP	23 06 09.0 +1.6
YSS		eS	S	23 15 08.0 +1.6
YSS		ePPS	pmax	23 15 41.0
YSS	comp=Z,190nm,2.0s,mb5.7	pmax	pmax	
YSS	comp=Z,800nm,8.0s	smax	smax	
YSS	comp=N,1um,12.0s	smax	smax	
YSS	comp=E,1um,12.0s	MLR	MLR	
YSS	comp=Z,2um,18.0s,MS5.3	MLR	MLR	
YSS	comp=N,2um,17.0s,MS5.3	MLR	MLR	
YSS	comp=E,590nm,17.0s,MS5.3	MLR	MLR	
YSS	Yuzh-Sakhalins 70.56 342	eP	P	23 05 52.7 +0.5
YSS		eS	S	23 15 08.3 +1.9
YSS	comp=E,37nm,0.9s,mb5.3	LR	LR	
IPM	Ipoth 70.59 282	P	P	23 05 53.5 +0.3
SKR	Severo-Kuril's 71.20 352	eP	P	23 05 54.0 -2.0
SKR		e	P	23 06 24.0
SKR		ePPP	S	23 10 16.0
SKR		eS	S	23 15 16.0 +2.4
SKR		ePS	S	23 15 42.0
SKR		e	pmax	23 15 58.0
SKR	comp=Z,1um,4.0s	pmax	pmax	
SKR	comp=Z,150nm,1.1s,mb5.8	smax	smax	
SKR	comp=E,2um,14.0s	smax	smax	
SKR	comp=N,1um,12.0s	MLR	MLR	
SKR	comp=Z,1um,14.0s,MS5.3	MLR	MLR	
SKR	comp=E,1um,16.0s	MLR	MLR	
KULM	Kulim 71.25 283	P	P	23 05 57.7 +0.6
KULM		eP	P	23 05 56.9 -0.3
KULM		eP	PP	23 08 36.8 +1.5
KULM		eS	S	23 15 19.6 +3.8
KULM	comp=Z,1um,22.0s,MS5.1	LR	LR	
PSI	Prapat 71.90 280f	eP	P	23 06 00.4 -0.7
WHN	Wuhan 72.36 313	P	P	23 06 04.5 +1.0
WHN		S	S	23 15 30.3 +2.4
WHN	comp=N,2um,18.4s,MS5.5	LR	LR	
WHN	comp=E,2um,18.4s,MS5.5	LR	LR	
WHN	comp=Z,2um,23.6s	LR	LR	
SMY	Shemya 72.56 4	eP	P	23 06 03.0 -1.1
SMY		e	P	23 06 21.4
PET	Petropavlovsk 73.20 354	eS	P	23 06 08.0 +0.1
PET		eS	S	23 15 32.1 -4.4
PET	comp=Z,800nm,7.3s	pmax	pmax	
PET	comp=Z,600nm,13.7s	pmax	pmax	
PET	comp=Z,40nm,0.6s,mb5.5	pmax	pmax	
PET	comp=Z,400nm,14.4s	pmax	pmax	
PET	Petropavlovsk 73.20 354	eP	P	23 06 03.9 -4.0
PET		eS	S	23 15 24.5 -1.2
PET		LR	LR	
DL2	Dalian 73.21 323	P	P	23 06 08.8 +0.5
DL2		pmax	pmax	
DL2	comp=Z,30nm,0.8s,mb5.3	pmax	pmax	
DL2	comp=Z,410nm,6.7s	LR	LR	
DL2	comp=N,380nm,19.2s,MS4.9	LR	LR	
DL2	comp=E,390nm,15.6s,MS4.9	LR	LR	
DL2	comp=Z,650nm,21.5s	LR	LR	
PEAOB	Petropavlovsk- 73.38 353	eP	P	23 06 09.0 +0.1
PEAOB		PP	PP	23 08 37.2 -1.6
PEAOB		eS	S	23 15 48.8 +1.0
PETK	Petropavlovsk- 73.38 353	P	P	23 06 09.1 +0.1
PETK		LR	LR	23 34 52.3

MDJ	comp=Z,2um,19.9s,MS5.3,baz=158,slow=33			
Mudanjiang	73.46 332	P	P	23 06 10.5 +0.9
MDJ		pP	pP	23 06 12.8 +2.2
MDJ		PcP	PcP	23 06 25.0 -0.8
MDJ		PP	PP	23 06 54.5 +0.9
MDJ		S	S	23 15 42.7 +2.9
MDJ		SS	SS	23 20 20.1 -2.7
MDJ		pmax	pmax	
MDJ	comp=Z,18nm,1.8s,mb4.7	pmax	pmax	
MDJ	comp=Z,510nm,8.3s	LR	LR	
MDJ	comp=N,910nm,29.4s,MS5.0	LR	LR	
MDJ	comp=E,720nm,30.8s,MS5.0	LR	LR	
MDJ	comp=Z,930nm,23.5s	LR	LR	
Mudanjiang	73.46 332	eP	P	23 06 10.1 +0.5
Mudanjiang	comp=Z,72nm,1.3s,mb5.4	ePcP	PcP	23 06 24.8 -0.9
MDJ		ePP	PP	23 08 51.5 -2.1
MDJ		eS	S	23 15 46.3 +6.5
MDJ		LR	LR	
KKTK	comp=Z,833nm,22.0s,MS5.0			
Khon Kaen	73.95 294	P	P	23 06 15.0 +1.8
comp=Z,278nm,0.6s,mb6.4				
TIA	Tai'an 74.06 319	P	P	23 06 21.0 +7.6
SNY	Shenyang 74.23 327	pP	P	23 06 14.0 -0.2
SNY		S	S	23 15 44.6 -4.1
SNY	comp=Z,20nm,2.0s,mb4.7	pmax	pmax	
SNY	comp=Z,670nm,6.9s	pmax	pmax	
SNY	comp=N,730nm,16.1s,MS5.1	LR	LR	
SNY	comp=E,390nm,20.2s,MS5.1	LR	LR	
SNY	comp=Z,900nm,15.7s,MS5.2	LR	LR	
RPN	Rapa Nui 74.40 114	eP	P	23 06 14.3 -1.4
RPN		eS	S	23 15 38.5 -1.3
RPN		eS	S	23 06 13.0 -2.2
HABR	Khabarovsk 74.42 338	eS	P	23 06 27.2
HABR		e	S	23 15 48.1 -4.4
HABR		e	S	23 16 21.5
HABR		eSS	SS	23 20 34.5 -2.9
HABR		pmax	pmax	
HABR	comp=E,25nm,1.0s	pmax	pmax	
HABR	comp=Z,49nm,1.1s,mb5.3	pmax	pmax	
HABR	comp=N,13nm,1.0s	MLR	MLR	
HABR	comp=Z,429nm,17.0s,MS4.8	MLR	MLR	
CN2	Changchun 74.75 329	pP	P	23 06 17.7 +0.5
CN2		eP	pP	23 06 28.0 +1.0
CN2		eS	sP	23 06 32.1 +1.4
CN2		SS	SS	23 15 51.8 -2.6
CN2		pmax	pmax	23 20 43.0 +0.5
CN2	comp=Z,40nm,1.4s,mb5.2	pmax	pmax	
CN2	comp=Z,200nm,5.0s	LR	LR	
CN2	comp=N,500nm,18.0s,MS5.0	LR	LR	
CN2	comp=E,500nm,18.0s,MS5.0	LR	LR	
CN2	comp=Z,600nm,20.0s,MS4.9	LR	LR	
NIKO	Nikolski 75.25 14	P	P	23 06 18.4 -1.5
GYA	Guyang 75.70 305f	pP	P	23 06 24.8 +1.7
GYA		PcP	pP	23 06 37.6 +1.7
GYA		PP	PP	23 09 17.2 +4.1
GYA		S	S	23 16 05.9 +0.2
GYA		SKS	SKS	23 16 31.0
GYA		SS	SS	23 21 01.5 +3.8
GYA	comp=Z,40nm,1.0s,mb5.3	pmax	pmax	
GYA	comp=Z,160nm,5.9s	LR	LR	
GYA	comp=N,2um,22.3s,MS5.5	LR	LR	
GYA	comp=E,1um,20.4s,MS5.5	LR	LR	
GYA	comp=Z,2um,23.0s,MS5.4	LR	LR	
KLR	Kul'dur 76.27 336	eP	P	23 06 22.7 -3.1
KLR		eS	S	23 16 08.0 -3.0
KLR		pmax	pmax	
KLR	comp=Z,100nm,1.8s,mb5.4	pmax	pmax	
KLR	comp=Z,1um,9.0s	smax	smax	
KLR	comp=N,1um,10.0s	smax	smax	
KLR	comp=E,800nm,10.0s	smax	smax	
AKUT	Akutan 77.04 15	P	P	23 06 30.0 0.0
BJT	Baijiatuu 77.09 321	eP	P	23 06 30.7 0.0
BJT		e	P	23 06 43.0
BJT		e	P	23 09 25.4
BJT		eS	S	23 16 06.4 -1.4
BJT	comp=Z,31nm,0.8s	MLR	MLR	
BJT	comp=Z,1um,21.0s	MLR	MLR	
BJT	Baijiatuu 77.09 321	eP	P	23 06 30.7 0.0
BJT		ePcP	PcP	23 06 43.0 +1.4
BJT		ePP	PP	23 09 25.4 +0.9
BJT		eS	S	23 16 06.4 -1.4
BJT		LR	LR	
BJI	Beijing 77.10 321	P	P	23 06 32.9 +2.2
BJI		S	S	23 16 21.5 +1.0
BJI		SS	SS	23 21 18.8 +0.5
BJI	comp=Z,48nm,0.9s,mb5.4	pmax	pmax	
BJI	comp=Z,880nm,5.9s	LR	LR	
BJI	comp=N,750nm,21.3s,MS5.1	LR	LR	
BJI	comp=E,600nm,20.5s,MS5.1	LR	LR	
BJI	comp=Z,620nm,33.4s	LR	LR	
MAW	Mawson 77.51 202	P	P	23 06 32.4 -0.3
MAW		LR	LR	23 38 38.8
MAW	comp=Z,846nm,18.4s,MS5.1,baz=345,slow=34			
TIY	Taiyuan 77.93 318	S	S	23 06 36.6 +3.2
TIY		S	S	23 16 32.8 +1.2
TIY	comp=Z,520nm,6.0s	pmax	pmax	
TIY	comp=N,460nm,19.0s,MS5.1	LR	LR	
TIY	comp=E,680nm,15.9s,MS5.1	LR	LR	
TIY	comp=Z,800nm,18.0s,MS5.1	LR	LR	
KMI	Kunming 78.11 302	P	P	23 06 38.8 +2.1
KMI		PcP	PcP	23 06 48.4 +2.1
KMI		pP	pP	23 06 49.7 +1.2
KMI		PP	PP	23 09 36.6 +3

7d 23h

Table with columns for station name, frequency, power, and signal quality. Includes stations like SPITS Spitsbergen Ar, KBS Kingsbay, and BJO Bjornoya.

2008 APR

Table with columns for station name, frequency, power, and signal quality. Includes stations like MOS Moscow, SOKR Solikamsk, and BRG Bergjesshubel.

272

Table with columns for station name, frequency, power, and signal quality. Includes stations like CONA Conrad Observa, CSNA Conrad Observa, and PSZ Piszkesteto.

TKM2	Tokmak 2	43.40 100 eP	P	23 59 20.3 +1.2
AAK	Ala-Archa	43.42 101 P	P	23 59 20.8 +1.6
AAK	Ala-Archa	43.42 101 P	Pmax	
AAK	Ala-Archa	43.42 101 P	Pmax	
AAK	Ala-Archa	43.42 101 P	Pmax	
AML	Almayay	43.41 102 eP	P	23 59 23.9 +2.3
UCH	Uchtor	43.81 101 eP	P	23 59 25.6 +3.2
ULM	Lac du Bonnet	45.90 298 P	P	23 59 33.9 +2.4
ULM	Urumqi	45.40 87 eP	P	00 18 41.4
WMQ	Edmonton	45.44 314 eP	P	23 59 37.0 +2.0
EDM	Kodiak Island	45.50 346 P	P	
KDKA	Songino Array	45.90 68 P	P	23 59 41.0 +2.1
SONM	ULN	46.02 68 eP	P	23 59 40.1 +0.2
ULN	EYMN	46.21 293 eP	P	23 59 43.9 +2.6
DMGT	DMGT	48.32 305 eP	P	23 59 58.6 +0.8
DMGT	Dagmar	48.32 305 eP	P	00 00 15.5 +3.6
DMGT	Dagmar	48.32 305 eP	P	00 00 01.5 +3.6
A17A	Triple J Farms	49.09 310 eP	P	00 00 03.7 0.0
A15A	Johnson Ranch	49.42 312 eP	P	00 00 06.2 0.0
B18A	Beardsley Farm	49.45 309 eP	P	00 00 05.7 -0.7
A14A	Double T Ranch	49.54 313 eP	P	00 00 06.6 -0.5
WALA	Waterton Lakes	49.54 313 eP	P	00 00 11.1 +3.9
WALA	Waterton Lakes	49.54 313 eP	P	00 00 11.1 +3.9
B17A	L&G Farms, Che	49.73 310 eP	P	00 00 08.1 -0.6
A13A	Flathead Natio	49.75 313 eP	P	00 00 07.9 -0.9
B16A	M & M Farms, S	49.78 311 eP	P	00 00 09.1 +0.1
EGMT	Eagleton	49.80 309 eP	P	00 00 08.6 -0.6
EGMT	Eagleton	49.80 309 eP	P	00 00 12.7 +3.6
EGMT	Eagleton	49.80 309 eP	P	00 00 12.7 +3.5
B15A	Bradley Ranch	50.03 312 eP	P	00 00 10.4 -0.5
A11A	Hall Mountain	50.06 315 eP	P	00 00 10.4 -0.7
A10A	Northport	50.23 316 eP	P	00 00 12.0 -0.4
C17A	Wharram Farm	50.36 310 eP	P	00 00 12.6 -0.9
C16A	Fuhringer Ranc	50.38 311 eP	P	00 00 12.5 -1.0
A08A	Turner Farm, O	50.54 317 eP	P	00 00 13.9 -0.9
C15A	Salmond Ranch	50.55 312 eP	P	00 00 13.3 -1.5
A07A	Ashnola River	50.62 318 eP	P	00 00 14.2 -1.1
JFWS	Jewell Farm	50.72 290 eP	P	00 00 19.0 +2.8
JFWS	Jewell Farm	50.72 290 eP	Pmax	
JFWS	Jewell Farm	50.72 290 eP	Pmax	
YBMT	Yellow Bay	50.72 313 eP	P	00 00 19.0 +2.9
YBMT	Yellow Bay	50.72 313 eP	P	00 00 19.0 +2.8
C14A	Swan Lake	50.76 312 eP	P	00 00 19.7 +3.6
NEW	Newport	50.85 315 eP	P	00 00 17.7 +3.6
NEW	Newport	50.85 315 eP	Pmax	
NEW	Newport	50.85 315 eP	Pmax	
NEW	Newport	50.85 315 eP	Pmax	
BSMT	Bassoo Peak	50.86 313 eP	P	00 00 19.5 +2.4
BSMT	Bassoo Peak	50.86 313 eP	P	00 00 19.5 +2.4
B09A	Rice	50.87 316 eP	P	00 00 21.4 +4.2
JTMT	Jette	50.88 313 eP	P	00 00 21.4 +4.2
JTMT	Jette	50.88 313 eP	P	00 00 21.4 +4.2
C13A	Hot Springs	50.99 313 eP	P	00 00 16.1 -1.2
SWMT	Swartz Lake	51.06 313 eP	P	00 00 20.0 +2.7
SWMT	Swartz Lake	51.06 313 eP	P	00 00 20.0 +2.7
D16A	Dana Ranch, Ca	51.09 310 eP	P	00 00 22.7 +4.0
B08A	Colville Reser	51.12 317 eP	P	00 00 16.2 -2.0
B07A	Winthrop	51.15 318 eP	P	00 00 17.9 -1.2
SLMT	Seeley Lake	51.23 312 eP	P	00 00 18.1 -1.2
SLMT	Seeley Lake	51.23 312 eP	P	00 00 23.1 +3.2
E16A	Hariowton	51.23 309 eP	P	00 00 23.1 +3.2
D15A	Lincoln	51.25 311 eP	P	00 00 18.6 -1.4
ECSD	EROS Data Cent	51.31 296 eP	P	00 00 18.1 -2.0
ECSD	EROS Data Cent	51.31 296 eP	P	00 00 23.3 +2.6
ECSD	EROS Data Cent	51.31 296 eP	P	00 00 23.3 +2.7
D14A	Greenough	51.38 312 eP	P	00 00 19.8 -1.3
HRH	Holter Resear	51.44 311 eP	P	00 00 25.2 +3.6
HRH	Holter Resear	51.44 311 eP	P	00 00 25.2 +3.6
CHMT	Chamberlain Mo	51.50 312 eP	P	00 00 25.8 +3.8
CHMT	Chamberlain Mo	51.50 312 eP	P	00 00 25.8 +3.8
E17A	Martindale	51.51 310 eP	P	00 00 21.3 -0.7
E16A	East Helena	51.59 310 eP	P	00 00 21.4 -1.3
M50	Missoula	51.70 312 eP	P	00 00 27.6 +4.0
M50	Missoula	51.70 312 eP	P	00 00 27.6 +4.1
D12A	Red Ives Fores	51.73 314 eP	P	00 00 22.6 -1.1
F18A	Big Timber	51.84 308 eP	P	00 00 23.2 -1.3
E15A	Deer Lodge	51.87 311 eP	P	00 00 23.7 -1.0
D11A	Klaveano Farm	51.90 314 eP	P	00 00 23.6 -1.4
A13A	Victor	52.12 312 eP	P	00 00 24.7 -1.9
SCIA	State Center	52.33 293 eP	P	00 00 31.0 +2.8
SCIA	State Center	52.33 293 eP	P	00 00 31.0 +2.8
G18A	Lazy EL Ranch	52.38 308 eP	P	00 00 26.8 -1.7
E12A	Beaver Dam Sad	52.39 314 eP	P	00 00 25.8 -2.1
F15A	Butte	52.40 311 eP	P	00 00 27.0 -1.8
LRM	Limekiln Ridge	52.41 311 eP	P	00 00 32.6 +3.7
LRM	Limekiln Ridge	52.41 311 eP	P	00 00 32.6 +3.8
GTA	Gaotai	52.42 78 eP	P	00 00 31.3 +2.4
GTA	Gaotai	52.42 78 eP	P	00 00 35.6 +3.5
GTA	Gaotai	52.42 78 eP	P	00 00 39.1 +5.8
GTA	Gaotai	52.42 78 eP	P	00 02 30.9 +3.6
GTA	Gaotai	52.42 78 eP	P	00 07 58.0 +3.5
GTA	Gaotai	52.42 78 eP	P	00 08 05.8 +6.1
GTA	Gaotai	52.42 78 eP	P	00 11 36.0 +4.4
GTA	Gaotai	52.42 78 eP	Pmax	
GTA	Gaotai	52.42 78 eP	Pmax	
GTA	Gaotai	52.42 78 eP	Pmax	

GTA	comp=E,140nm,13.2s,MS4.4	LR	LR	
GTA	comp=E,140nm,13.2s,MS4.4	LR	LR	
BOZ	Bozeman (W)	52.44 310 eP	P	00 00 27.7 -1.3
RSSD	Black Hills	52.47 303 eP	P	00 00 32.4 +3.2
RSSD	Black Hills	52.47 303 eP	Pmax	
RSSD	Black Hills	52.47 303 eP	P	00 00 32.4 +3.2
RSSD	Black Hills	52.47 303 eP	P	00 00 32.4 +3.2
RSSD	Black Hills	52.47 303 eP	P	00 00 32.4 +3.2
RLMT	Red Lodge	52.51 308 eP	P	00 00 27.8 -1.7
RLMT	Red Lodge	52.51 308 eP	P	00 00 33.5 +4.0
RLMT	Red Lodge	52.51 308 eP	P	00 00 33.5 +4.0
RLMT	Red Lodge	52.51 308 eP	P	00 00 33.5 +4.0
NLWA	Neilton Lookou	52.77 321 eP	P	00 00 31.1 -0.3
F13A	Darby	52.78 312 eP	P	00 00 30.7 -0.8
G16A	Moss Hill, Enn	52.87 310 eP	P	00 00 31.6 -0.6
F12A	Elk City	52.97 313 eP	P	00 00 33.2 +0.2
G15A	Dillon	53.05 311 eP	P	00 00 34.2 +0.6
F10A	Beach Ranch, E	53.09 315 eP	P	00 00 33.1 -0.8
H16A	Russell Place	53.28 309 eP	P	00 00 34.9 -0.4
G13A	Cobalt	53.44 312 eP	P	00 00 35.5 -0.9
MCMT	McKenzie Canyon	53.45 311 P	P	00 00 39.4 +3.0
MCMT	McKenzie Canyon	53.45 311 P	P	00 00 39.4 +2.9
H17A	Grant Village	53.45 309 eP	P	00 00 35.7 -0.8
F08A	Pendleton	53.52 316 eP	P	00 00 36.3 -0.7
H15A	Lima	53.61 311 eP	P	00 00 37.2 -0.5
MDJ	Mudanjiang	53.64 49 P	P	00 00 37.9 0.0
MDJ	Mudanjiang	53.64 49 P	Pmax	
MDJ	Mudanjiang	53.64 49 P	Pmax	
MDJ	Mudanjiang	53.64 49 P	Pmax	
HHC	Hu-ho-hao-te	53.68 66 eP	P	00 00 40.7 +2.5
HHC	Hu-ho-hao-te	53.68 66 eP	sP	00 00 46.9 +4.3
HHC	Hu-ho-hao-te	53.68 66 eP	PcP	00 01 48.2 +3.9
HHC	Hu-ho-hao-te	53.68 66 eP	PP	00 02 42.9 +4.3
HHC	Hu-ho-hao-te	53.68 66 eP	S	00 08 11.2 -0.4
HHC	Hu-ho-hao-te	53.68 66 eP	ScS	00 10 26.7 -0.4
HHC	Hu-ho-hao-te	53.68 66 eP	ScS	00 10 26.7 -0.4
HHC	Hu-ho-hao-te	53.68 66 eP	Pmax	
HHC	Hu-ho-hao-te	53.68 66 eP	Pmax	
HHC	Hu-ho-hao-te	53.68 66 eP	LR	
HHC	Hu-ho-hao-te	53.68 66 eP	LR	
HHC	Hu-ho-hao-te	53.68 66 eP	LR	
G10A	Bishop Farm, J	53.74 315 eP	P	00 00 37.5 -1.1
H14A	Leadore	53.74 311 eP	P	00 00 38.0 -0.6
G09A	Cove	53.86 315 eP	P	00 00 39.1 -0.4
H17A	Pilgrim Ck.	53.91 309 eP	P	00 00 38.5 -1.4
H13A	Challis	53.95 312 eP	P	00 00 39.6 -0.5
IMW	Indian Meadow	54.00 309 eP	P	00 00 44.5 +3.9
IMW	Indian Meadow	54.00 309 eP	P	00 00 44.5 +4.0
G08A	Pilot Rock	54.05 316 eP	P	00 00 40.4 -0.4
H12A	Diamond D Ranc	54.07 312 eP	P	00 00 40.3 -0.8
H11A	Donnelly	54.12 313 eP	P	00 00 40.5 -0.8
BMO	Blue Mountains	54.20 315 eP	P	00 00 44.8 +2.9
BMO	Blue Mountains	54.20 315 eP	P	00 00 44.8 +2.9
LOHW	Long Hollow	54.21 308 eP	P	00 00 46.6 +4.6
LOHW	Long Hollow	54.21 308 eP	P	00 00 46.7 +4.6
H10A	Noah's Angus R	54.36 314 eP	P	00 00 42.9 -0.2
I14A	Mackay	54.43 311 eP	P	00 00 43.2 -0.4
J18A	Kendall Valley	54.49 308 eP	P	00 00 43.8 -0.3
REDW	Red Top Meadow	54.50 309 eP	P	00 00 48.6 +4.4
REDW	Red Top Meadow	54.50 309 eP	P	00 00 48.6 +4.4
I13A	Wildhorse Cree	54.56 312 eP	P	00 00 44.2 -0.4
RRI2	Red Ridge	54.60 309 eP	P	00 00 48.6 +3.6
K19A	Absolon Red Bu	54.65 307 eP	P	00 00 44.4 -0.8
K20A	Yellowstone Ra	54.71 306 eP	P	00 00 44.9 -0.8
J16A	Bone	54.73 309 eP	P	00 00 45.2 -0.6
BW06	Boulder Array	54.84 307 eP	P	00 00 45.3 -1.3
BW06	Boulder Array	54.84 307 eP	P	00 00 50.4 +3.8
BW06	Boulder Array	54.84 307 eP	P	00 00 50.4 +3.8
BW06	Boulder Array	54.84 307 eP	P	00 00 46.0 -0.6
PDAR	comp=Z,332nm,18.8s,MS4.5,baz=0.5,slow=36	LR	LR	00 24 00.0
I12A	Atlanta	54.85 312 eP	P	00 00 45.4 -1.3
L22A	Ellis Ranch, M	54.95 304 eP	P	00 00 45.4 -2.0
HLID	Hailey	54.95 312 eP	P	00 00 45.6 -1.8
HLID	Hailey	54.95 312 eP	P	00 00 50.2 +2.8
HLID	Hailey	54.95 312 eP	P	00 00 50.2 +2.8
J14A	Carey	55.02 311 eP	P	00 00 46.7 -1.3
K18A	Tollar Ranch	55.05 308 eP	P	00 00 46.3 -1.9
J13A	Cove Ranch, Pi	55.07 311 eP	P	00 00 46.5 -1.8
L21A	Ravitts	55.20 305 eP	P	00 00 48.6 -0.6
L20A	Wamsutter	55.34 306 eP	P	00 00 49.5 -0.7
L19A	Farson	55.44 307 eP	P	00 00 50.0 -1.0
SIUC	Southern Illin	55.45 287 eP	P	00 00 54.0 +2.9
SIUC	Southern Illin	55.45 287 eP	P	00 00 54.0 +2.9
FVM	French Village	55.46 289 eP	P	00 00 52.9 +1.7
FVM	French Village	55.46 289 eP	Pmax	
FVM	French Village	55.46 289 eP	Pmax	
FVM	French Village	55.46 289 eP	Pmax	
M21A	Separation Pea	55.54 305 eP	P	00 00 49.9 -1.8
CCM	Cathedral Cave	55.58 289 eP	P	00 00 53.9 +1.9
CCM	Cathedral Cave	55.58 289 eP	Pmax	
CCM	Cathedral Cave	55.58 289 eP	Pmax	
CCM	Cathedral Cave	55.58 289 eP</		

Table listing astronomical objects with columns for ID, Name, RA, Dec, Magnitude, and other parameters. Includes objects like Corn Creek, Chengdu, CD2, etc.

Table listing astronomical objects with columns for ID, Name, RA, Dec, Magnitude, and other parameters. Includes objects like KSM, ULN, SONM, WRAB, WRA, MKAR, ZALV, etc.

Table listing astronomical objects with columns for ID, Name, RA, Dec, Magnitude, and other parameters. Includes objects like PDR, INK, FINES, TORD, ISCJB, GUM0, DAV, etc.

Table listing astronomical objects with columns for ID, Name, RA, Dec, Magnitude, and other parameters. Includes objects like TWG, YULB, YULB, etc.

Table listing astronomical objects with columns for ID, Name, RA, Dec, Magnitude, and other parameters. Includes objects like AFJ, RAR, CTA, etc.

Table listing astronomical objects with columns for ID, Name, RA, Dec, Magnitude, and other parameters. Includes objects like PAIG, PAIG, ALN, etc.

Table with columns: GZR, Gura Zlata, 3.38 350 fP, Pn, 00 48 43.4 -0.4, etc.

NIED 08 00:51:00,27.90N,142.50E,h35km,Mw4.3 Best double couple: M2,72000x=1014, N171x210,0000, 383,00000, 1,112,00000, N22x=318,0000, 823,00000, 1,19,00000,

ISCJB 08 00:51:45.5,0.27,5N,0.1-143.0E,0.1,h10km,30km, mb3.9/10,Error ellipse: s-maj=23.5km s-min=11.0km az=138.7

ISC 08 00:51:45.2,0.9,27.46N,142.97E,h0km,mb3.9/9, mb1.4/1,0,mb1mx4.0/20,mbtmp3.8/10,ML3.6/1,MS4.1/1, Ms1.4/1,ms1mx2.8/32,Error ellipse: s-maj=28.0km s-min=13.9km az=142.0

ISC 08 00:51:47.1,5.9,27.5N,0.1-143.0E,0.1,h11km,35km,n13, c0571/13,mb3.9/10, Bonin Islands region

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

ISCJB 08 01:06:16.9,0.6,0.70N,0.08x123.57E,0.09,h267km,6km, mb3.6/8,Error ellipse: s-maj=15.8km s-min=11.8km az=148.6

ISC 08 01:06:17.9,6.7,0.75N,123.67E,h262km,71km,mb3.4/7, mb1.3/4.8,mb1mx3.3/18,mbtmp3.9/8,Error ellipse: s-maj=17.9km s-min=17.6km az=69.0

NEIC 08 01:06:19.5,4.1,1.0,68N,123.54E,h282km,44km,mb3.8/3, Error ellipse: s-maj=52.4km s-min=11.9km az=64.0

DJA 08 01:06:21.0,7.1N,123.64E,h224km,MLV3.4

ISC 08 01:06:17.9,0.6,0.68N,0.08x123.58E,0.09,h260km,6km, n21,c0862/1,mb3.6/8,Minahassa Peninsula, Sulawesi

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

ISC 08 01:10:34.1,9.3,0.09S,122.93E,h131km,92km,mb3.5/5, mb1.3/8.6,mb1mx3.6/17,mbtmp3.6/6,ML4.6/1,Error ellipse: s-maj=88.2km s-min=20.7km az=67.0

ISCJB 08 01:10:35.3,0.6,0.10S,0.08x123.03E,0.08,h157km,5km, mb3.8/5,Error ellipse: s-maj=14.9km s-min=9.8km az=42.9

DJA 08 01:10:38.0,19S,123.07E,h132km,MLV4.1/5

ISC 08 01:10:36.5,0.6,0.12S,0.07x123.06E,0.08,h151km,5km, n14,c0931/6,mb3.8/5,1C,Minahassa Peninsula, Sulawesi

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

MOS 08 01:12:32.6,0.5,50.33N,157.17E,h153km,mb4.2/1,Error ellipse: s-maj=99.9km s-min=14.7km az=73.0

ISCJB 08 01:29:39.1,3.50,8N,0.1-157.3E,0.2,h97km,14km, Error ellipse: s-maj=29.0km s-min=9.2km az=39.1

KRSC 08 01:24:11.0,3.5,50.91N,157.61E,h98km,98km,ML4.0

ISC 08 01:12:41.5,1.4,50.91N,0.1-157.4E,0.2,h82km,24km,n12, c0989/20,Kuril Islands

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

Table with columns: SKR, comp=Z,80nm,0.4s, pmax, pmax, SKR, comp=N,1.1um,0.3s, smax, SKR, comp=E,1.1um,0.3s, smax

NEIC 08 01:13:03.0,38.21N,26.53E,h11km,ML3.7(ATH), ML3.7(ISK), After ISK

DDA 08 01:13:03.1,38.22N,26.54E,h29km,1km,MD3.6,ML3.6

ISCJB 08 01:13:04.5,0.3,38.23N,0.02-26.54E,0.2,42km,3km, Error ellipse: s-maj=2.1km s-min=2.7km az=153.5

ATH 08 01:13:04.2,38.22N,26.50E,h34km,3km,MD3.8/17, ML3.7

CSEM 08 01:13:04.4,0.1,38.21N,26.57E,h15km,ML3.6,Error ellipse: s-maj=2.4km s-min=2.2km az=60.0

THE 08 01:13:05.4,38.22N,26.65E,h24km,3km,ML4.4/4,Error ellipse: s-maj=3.4km s-min=0.9km az=102.0

ISC 08 01:13:04.5,0.3,38.23N,0.02-26.57E,0.02,h15km,2km, n167,c0995/206,202,Aegean Sea

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

DJA 08 01:51:05.26,12S,175.28W,h14km,mb5.6/24

MOS 08 01:51:32.5,1.7,25.81S,177.56W,h145km,mb5.4/14, MS5.5/9,Error ellipse: s-maj=12.1km s-min=10.7km az=55.4

BUI 08 01:51:33.5,25.51S,177.49W,h148km,mb5.2/25, mb5.1/40

ISCJB 08 01:51:33.9,0.1,26.37S,0.03x177.54W,0.04,h168km, mb5.0/65,Error ellipse: s-maj=5.8km s-min=2.6km az=35.2

GCMT 08 01:51:34.8,0.2,26.01S,177.20W,h174km,1km, MW5.3/76,Moment Tensor Solution, s68,c90, s76,c112; Duration: 151 Moment tensor: Scale 10^17Nm

MW1,12c,03; Mw=0.50c,04; Mw0.38c,04; Mw0.25c,02; Mw=0.46c,03; Mw0.88c,02; Best double couple: M1,11900x10^17 Np1x287.00000, 835.00000, 1,174.00000, N2p2x22.00000, 886.00000, 1,55.00000, Principal axes: T 1.1620, Plg39.0000, Azm261.0000; N -0.0860, Plg35.0000, Azm25.0000; P -1.0760, Plg32.0000; Azm141.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

NEIC 08 01:51:34.8,0.2,26.29S,177.44W,mb5.1/48 Error ellipse: s-maj=9.0km s-min=5.0km az=121.0

ISC 08 01:51:33.9,0.5,25.95S,177.57W,h166km,mb4.8/13, mb1.5/0.14,mb1mx5.0/15,mbtmp4.8/14,MS4.0/2, MW1,12c,02,ms1mx3.5/27,Error ellipse: s-maj=12.2km s-min=9.5km az=103.0

SZGRF 08 01:51:36.0,26.19S,177.84W,h178km, South of Fiji Islands

ISC 08 01:51:35.2,0.1,26.48S,0.03x177.50W,0.04,h170km, h170km,1.2km;pp-P,n638,c088/432,mb5.0/64, 139C-124D, South of Fiji Islands

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

8d 1h

2008 APR

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like WNVZ, Wuhanoa, Pukenui, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like MBWA, Marble Bar, MUN, Mundingring, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like MDJ, comp=E,2um,21.9s, MDJ, comp=Z,2um,17.4s, etc.

8d 1h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ONI, BHD, KIV, HAKT, MSL, ARTV, etc.

2008 APR

Table with columns for station name, frequency, power, and other technical details. Includes stations like CLL, CLM, CLZ, CLM, CLM, etc.

278

Table with columns for station name, frequency, power, and other technical details. Includes stations like LDF, MEZF, GRR, WTTA, MOTA, etc.

BUJ 08 02:09:06.5, 11.83N, 144.66E, h10km, mB5.0/33, mb4.8/39, Ms5.2/41, Ms7.5/37

ISCJB 08 02:09:15.0, 1.0, 12.59N, 101.04, 143.77E, 0.03, h7km, 6km, mb4.8/96, MS5.2/224, Error ellipse: s-maj=7.1km s-min=4.2km az=6.6

GCMT 08 02:09:16.9, 0.1, 12.51N, 143.83E, h12km, MW5.5/108, Moment Tensor Solution. s88,c150; s108,c214; Duration: 1s4 Moment tensor: Scale 10¹⁷Nm; Mn-0.28±.03; Mw0.20±.03; Ms0.07±.03; Mn-0.21±.07; Mw-2.13±.02; Ms-0.23±.07; Best double couple: M2: 16000±1017; NP2: 179.00000°; 881.00000°; 1-173.00000°. Principal axes: T 2.2710, P1g1.0000°, Azm44.0000°; N -0.2100, P1g79.0000°, Azm139.0000°; P -2.0620, P1g11.0000°, Azm314.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 08 02:09:16.9, 0.2, 12.59N, 143.79E, h10km, mb4.9/63, MS5.3/186, MW5.5 Error ellipse: s-maj=6.0km s-min=4.5km az=178.0, Moment Tensor Solution. s13 Moment tensor: Scale 10¹⁷Nm; Mn:0.38; Mw:0.10; Ms:0.23; Mw0.24; Ms:2.19; Mw:0.14; Best double couple: M2: 20000±1017; NP2: 179.00000°; 881.00000°; 1-174.00000°. Principal axes: T 2.0100, P1g2.0000°, Azm43.0000°; N 0.4000, P1g83.0000°, Azm287.0000°; P -2.4100, P1g5.0000°, Azm133.0000°.

DJA 08 02:09:16, 13.43N, 144.46E, h65km, Mw5.5/6 IDC 08 02:09:18.7, 2.7, 12.61N, 143.94E, h24km, 16km, mb4.3/12, mb1.4/5/12, mb1mx4.4/18, mbmp4.3/12, MS5.1/28, Ms1.5/128, ms1mx5.0/41, Error ellipse: s-maj=18.1km s-min=15.0km az=106.0

MOS 08 02:09:18.9, 1.2, 12.62N, 143.70E, h33km, mb5.0/36, MS5.1/33, Error ellipse: s-maj=9.3km s-min=6.9km az=102.4

ISC 08 02:09:18.4, 1.2, 12.60N, 143.83E, 0.03, h18km, 7km, h30km, 1.7km; pP-P, n616, c072/449, mb4.8/96, MS5.2/224, 112C-127D, South of Mariana Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
GUMO	Guam	1.41	46	Op	02 09 40.8	-2.4
GUMO		1.0m, 0.3s, baz=223, slow=4.6, SNR=11				
GUMO		2.0m, 0.3s, baz=27, slow=21, SNR=42			02 09 58.5	-2.8
GUMO		comp-Z, 7.1m, 19.0s, baz=133, slow=63			02 10 15.5	
GUMO	Guam	1.41	46	ePn	02 09 41.0	-2.1
DAV	Davao City (W)	18.80	255	LR	02 20 26.2	
DAV	Davao City (W)	18.80	255	Pn	02 13 37.0	-0.5
JOW	Kunigami	20.34	316	P	02 13 55.0	+1.3
JOW		16nm, 0.6s, baz=164, slow=13, SNR=7.2				
JOW	Kunigami	20.34	316	P	02 13 55.0	+1.3
JOW		16nm, 0.6s, baz=164, slow=13, SNR=7.2				
WAKE	Wake Island	22.92	70	eP	02 14 23.0	+1.5
WAKE		5.1nm, 0.3s, mb4.4				
KMSI	Cibinong	23.42	240	P	02 14 31.8	+1.5
KWAJ	Kwajalein Atol	23.67	97	eP	02 14 30.3	+1.1
KWAJ		comp-Z, 1.41nm, 1.1s, mb5.3				
KWAJ	Kwajalein Atol	23.67	97	eP	02 14 30.3	+1.1
KWAJ		comp-Z, 1.41nm, 1.1s, mb5.3				
TWG	Piniang	23.91	298	eP	02 14 30.7	-0.6
YULB	Yu-Il	23.93	300	eP	02 14 31.7	+0.1
YULB		comp-Z, 8.3nm, 0.8s, mb4.3				
NACB	Ninganchiao	24.00	302	eP	02 14 32.1	0.0
NACB		comp-Z, 1.6nm, 1.0s, mb4.4				
MJAR	Matsushiro Arr	24.37	349	P	02 14 34.7	-0.7
MJAR		comp-Z, 1.9nm, 1.2s, mb4.4, baz=176, slow=9.7, SNR=8.4				
MJAR	Matsushiro Arr	24.37	349	P	02 21 51.0	-1.6
MJAR		comp-Z, 2.5nm, 0.6s, baz=163, slow=3.4, SNR=4.4				
MJAR		1.6nm, 1.0s, mb4.4			02 23 18.2	
MJAR	Matsushiro Arr	24.37	349	P	02 14 34.7	-0.7
MJAR		comp-Z, 1.9nm, 1.2s, mb4.4, baz=176, slow=9.7, SNR=8.4				
MJAR		1.6nm, 1.0s, mb4.4			02 23 18.1	
MAJO	Matsushiro	24.37	349	eP	02 14 35.7	+0.3
MAJO		comp-Z, 8.4nm, 1.2s, mb5.0				
MAJO		comp-Z, 4.0m, 19.0s, MS4.9				
MAJO	Matsushiro	24.37	349	eP	02 14 35.7	+0.3
MAJO		comp-Z, 8.4nm, 1.2s, mb5.0				
MAT	Matsushiro	24.37	349	P	02 14 35.0	-0.4
MAT		comp-Z, 1.9nm, 1.2s, mb4.4, baz=176, slow=9.7, SNR=8.4				
SSLB	Syanglung	24.38	300	eP	02 14 35.2	-0.4
SSLB		comp-Z, 7.3nm, 0.6s, mb4.3				
YHNB	Yeuhung	24.39	303	PFAKE	02 14 50.0	+1.4
YHNB		comp-Z, 9.0m, 20.0s, MS5.3				
TATO	Taipei	24.43	303	PFAKE	02 14 50.0	+1.4
TATO		comp-Z, 9.0m, 20.0s, MS5.2				
APSI	Ampana	25.78	240	P	02 14 47.8	-0.7
COEN	Coen	26.39	181	P	02 14 54.2	+0.3
COEN		comp-Z, 2.02nm, 1.0s, mb5.6				
KDI	Kendari	26.73	233	eS	02 14 52.6	-4.5
KDI		comp-Z, 1.9nm, 1.0s, mb4.3				
KDI	Kendari	26.73	233	P	02 14 58.3	+1.2
QZH	Quanzhou	26.81	301	S	02 14 59.6	+2.0
QZH		comp-Z, 1.9nm, 1.0s, mb4.3				
QZH		comp-N, 5.0m, 15.9s, MS5.3				
QZH		comp-E, 5.0m, 18.2s, MS5.3				
HNR	Honiarua	27.12	143	LR	02 24 49.8	
HNR		comp-Z, 7.0m, 20.0s, MS5.2				
HNR	Honiarua	27.12	143	PFAKE	02 15 10.0	+1.0
HNR		comp-Z, 2.0m, 19.3s, MS4.7, baz=315, slow=34				
KAKA	Kakadu	27.57	205	eP	02 15 03.2	-1.3
KAKA		comp-Z, 1.5nm, 0.8s, mb4.7				
KAKA	Kakadu	27.57	205	eP	02 15 03.2	-1.3
KAKA		comp-Z, 1.5nm, 0.8s, mb4.7				
SSE	Sheshan	27.84	315	P	02 15 07.3	+0.5
SSE		comp-Z, 4.5nm, 0.8s, mb4.2				
SSE		comp-Z, 3.4nm, 0.7s, mb5.1				
SSE		comp-Z, 2.20nm, 7.3s				
SSE		comp-N, 2.0m, 14.2s, MS4.9				
SSE		comp-E, 1.0m, 14.2s, MS4.9				
SSE		comp-Z, 2.0m, 16.6s, MS4.8				
KKM	Kota Kinabalu	28.00	259	PFAKE	02 15 20.0	+1.2
KKM		comp-Z, 4.0m, 21.0s, MS4.9				
BNSI	Bone	29.00	236	P	02 15 18.1	+0.8
ERM	Ermo	29.31	359	PFAKE	02 15 30.0	+1.0
ERM		comp-Z, 3.0m, 19.0s, MS5.0				
TARA	Tarawa	30.92	109	PFAKE	02 15 50.0	+1.6
TARA		comp-Z, 3.0m, 22.0s, MS4.9				
WHN	Wuhan	32.57	308	P	02 15 51.2	+2.5
WHN		comp-Z, 1.9nm, 1.0s, mb4.3				
WHN		comp-N, 4.0m, 14.8s, MS5.5				
WHN		comp-E, 5.0m, 15.5s, MS5.5				
WHN		comp-Z, 9.0m, 18.8s, MS5.5				
CTAO	Charters Tower	32.57	176	PFAKE	02 16 00.0	+1.1
CTAO		comp-Z, 2.0m, 21.0s, MS4.7				
QIZ	Qiongzong	33.28	285	P	02 15 55.1	0.0
QIZ		comp-Z, 2.0m, 21.0s, MS4.7				
QIZ		comp-Z, 2.0m, 21.0s, MS4.7				

QIZ	comp-Z, 2.5nm, 1.6s, mb4.9	pmax	pmax
QIZ	comp-N, 1.0m, 19.4s, MS5.0	LR	LR
QIZ	comp-E, 2.0m, 18.8s, MS5.0	LR	LR
QIZ	comp-Z, 4.0m, 21.1s, MS5.1	LR	LR
QIZ	Qiongzong	33.28 285	PFAKE
QIZ	comp-Z, 2.0m, 20.0s, MS5.1	LR	LR
WRAB	Tennant Creek	33.65 196	eP
WRAB		comp-Z, 1.7nm, 0.8s, mb5.0	pmax
WRAB		comp-Z, 3.0m, 19.0s, MS5.0	MLR
WRAB	Tennant Creek	33.65 196	eP
WRAB		comp-Z, 1.7nm, 0.8s, mb5.0	LR
WRA	Warramunga Arr	33.66 196	P
WRA		comp-Z, 8.4nm, 0.7s, mb4.8, baz=20, slow=9.8, SNR=49	P
WRA		comp-Z, 1.9nm, 1.0s, baz=46, slow=3.3, SNR=5.3	P
WRA		comp-Z, 3.0m, 18.2s, MS5.1, baz=15, slow=36	LR
MDJ	Mudanjiang	34.16 342	S
MDJ		comp-Z, 5.0nm, 0.8s, mb4.5	pmax
MDJ		comp-Z, 1.10nm, 5.7s	pmax
MDJ		comp-N, 2.0m, 17.2s, MS5.0	LR
MDJ		comp-E, 2.0m, 17.2s, MS5.0	LR
MDJ		comp-Z, 2.0m, 18.9s, MS5.0	LR
MDJ	Mudanjiang	34.16 342	PFAKE
MDJ		comp-Z, 2.0m, 20.0s, MS5.0	LR
YSS	Yuzh-Sakhalins	34.26 359	eP
YSS		comp-N, 1.0m, 17.0s	MLR
YSS		comp-Z, 2.0m, 17.0s, MS4.9	MLR
YSS	Yuzh-Sakhalins	34.26 359	PFAKE
YSS		comp-Z, 5.77nm, 20.0s, MS4.3	LR
CN2	Changchun	34.89 336	eS
CN2		comp-Z, 1.0nm, 0.5s, mb5.0	pmax
CN2		comp-Z, 200nm, 7.0s	pmax
CN2		comp-N, 2.0m, 16.0s, MS5.0	LR
CN2		comp-E, 1.0m, 16.0s, MS5.0	LR
CN2		comp-Z, 2.0m, 16.0s, MS5.0	LR
KSM	Kuching	35.00 254	PFAKE
KSM		comp-Z, 1.1m, 21.0s, MS4.6	LR
FITZ	Fitroy Crossi	35.39 211	eP
FITZ		comp-Z, 1.2nm, 0.9s, mb4.8	pmax
FITZ	Fitroy Crossi	35.39 211	eP
FITZ		comp-Z, 1.1nm, 1.1s, mb4.7	pmax
BJT	Baijiatuu	36.60 323	eP
BJT		comp-Z, 1.7nm, 0.5s	pmax
BJT		comp-Z, 3.0m, 19.0s, MS5.1	MLR
BJT	Baijiatuu	36.60 323	eP
BJT		comp-Z, 1.7nm, 0.5s, mb5.1	LR
BJT		comp-Z, 3.0m, 19.0s, MS5.1	LR
BJI	Beijing	36.61 323	P
BJI		comp-Z, 2.1nm, 0.8s, mb5.0	pmax
BJI		comp-Z, 2.80nm, 4.0s	pmax
BJI		comp-N, 3.0m, 19.9s, MS5.1	LR
BJI		comp-E, 2.0m, 19.9s, MS5.1	LR
GYA	Guiyang	37.49 297	P
GYA		comp-Z, 2.0m, 1.0s, mb4.9	pmax
GYA		comp-Z, 1.20nm, 5.0s	LR
GYA		comp-N, 6.40nm, 18.3s, MS4.5	LR
GYA		comp-E, 5.10nm, 19.4s, MS4.5	LR
GYA		comp-Z, 5.30nm, 18.0s, MS4.4	LR
TIY	Taiyuan	37.55 317	eP
TIY		comp-Z, 3.90nm, 5.2s	pmax
TIY		comp-N, 2.0m, 16.9s	LR
TIY		comp-E, 3.0m, 22.4s	LR
TIY		comp-Z, 2.0m, 16.5s, MS4.9	LR
KUL	Kul'dur	37.87 347	eP
XAN	Xi'an	38.23 310	P
XAN		comp-Z, 2.0nm, 1.0s, mb3.8	pmax
XAN		comp-Z, 2.27nm, 5.4s	pmax
XAN		comp-N, 3.70nm, 16.4s, MS4.6	LR
XAN		comp-E, 6.50nm, 16.4s, MS4.6	LR
XAN		comp-Z, 6.90nm, 16.7s, MS4.5	LR
MIDW	Midway	39.34 61	PFAKE
MIDW		comp-Z, 2.0m, 20.0s, MS5.0	LR
KMI	Kunming	40.67 294	P
KMI		comp-Z, 1.9nm, 1.1s, mb4.6	pmax
KMI		comp-Z, 1.30nm, 5.3s	pmax
KMI		comp-N, 1.0m, 13.5s, MS5.0	LR
KMI		comp-E, 1.0m, 17.9s, MS5.0	LR
KMI		comp-Z, 1.0m, 17.9s, MS5.0	LR
BTO	Baotou	40.70 319	eP
DZM	Mont Dzumac	40.98 147	eS
DZM		comp-Z, 4.91nm, 31.4s	eLQ
DZM		comp-Z, 4.0m, 32.5s	eLR
DZM		comp-Z, 5.0m, 28.4s	eLR
MBWA	Marble Bar	41.06 215	PFAKE
MBWA		comp-Z, 1.0m, 22.0s, MS4.7	LR
CD2	Chengdu	41.16 303	P
CD2		comp-Z, 2.0m, 21.0s, MS4.7	pmax
CD2		comp-Z, 3.0nm, 1.1s, mb4.8	pmax
CD2		comp-Z, 6.0nm, 4.2s	pmax
CD2		comp-Z, 2.0m, 19.0s, MS5.3	LR
CD2		comp-Z, 2.0m, 19.0s, MS5.3	LR
HIA	Hailar	41.62 336	eP
HIA		comp-Z, 4.2nm, 1.3s	pmax

8d 2h

NWAO	comp=Z,1.0m,19.0s,MSS.0	LR	LR			
MOY	Monday 52.02 328	eP	P	02 18 26.9	+0.3	
COCO	West Island 52.73 244	PFAKE	LR	02 18 40.0	+7.5	
TAU	comp=Z,924nm,19.0s,MS4.8					
TAU	Tasmania Univ 55.33 177	PFAKE	LR	02 19 00.0	+9.1	
GUN	comp=Z,2.0m,19.0s,MSS.5					
KIP	Gumb 59.99 295	eP	P	02 18 55.9	-0.2	
KIP	Kipapa 56.04 73	PFAKE	LR	02 19 10.0	+1.3	
PKI	comp=Z,1.0m,19.0s,MSS.0					
KN	Pulchoki 56.39 295	eP	P	02 18 58.4	-0.5	
DMN	Katani 56.51 295	eP	P	02 18 59.1	-0.7	
DMN	Daman 56.65 295	eP	P	02 19 00.4	-0.4	
GKN	comp=Z,24nm,0.9s,mb4.8					
WMQ	Gorkha 57.09 295	eP	P	02 19 03.3	-0.6	
WMQ	Urumsji 57.09 314	eP	P	02 19 05.0	+1.4	
WMQ		PP	PP	02 19 15.0	+5.5	
WMQ		PP	PP	02 21 13.0	+2.5	
WMQ		ScP	ScP	02 23 56.0	-1.4	
WMQ		S	S	02 26 56.0	-1.8	
WMQ		ScS	ScS	02 28 48.0	-4.3	
WMQ	comp=Z,32nm,1.0s,mb5.3					
WMQ	comp=Z,140nm,4.0s					
WMQ	comp=N,1.0m,18.0s,MSS.2	LR	LR			
WMQ	comp=E,1.0m,18.0s,MSS.2	LR	LR			
WMQ	comp=Z,1.0m,18.0s,MSS.1	LR	LR			
BILL	comp=Z,1.0m,18.0s,MSS.1					
BILL	Bilibino 57.30 101	eP	P	02 19 03.4	-1.3	
BILL		e		02 19 20.7		
BILL		e		02 19 56.0		
BILL		eS	S	02 27 00.8	+1.0	
BILL		eSSS		02 33 11.8		
BILL	comp=Z,6.0nm,1.4s,mb4.4					
BILL	comp=Z,1.0m,21.0s,MSS.0	MLR	MLR			
BILL	Bilibino 57.30 10	eP	P	02 19 03.3	-1.4	
BILL	comp=Z,9.0nm,0.9s,mb4.8					
DANN	comp=Z,1.0m,19.0s,MSS.0					
DANN	Dangsing 57.88 296	eP	P	02 19 08.9	-0.6	
KOLN	comp=Z,29nm,0.5s,mb5.5					
KOLN	Koldanda 58.00 295	eP	P	02 19 09.4	-0.9	
POHA	comp=Z,26nm,0.9s,mb5.2					
POHA	Pohakuloa 58.42 74	PFAKE	LR	02 19 30.0	+1.7	
PYUN	comp=Z,2.0m,19.0s,MSS.3					
PYUN	Piuthan 58.55 295	eP	P	02 19 12.8	-1.4	
XMAS	comp=Z,28nm,0.8s,mb5.3					
XMAS	Kiritimati 59.06 95	PFAKE	LR	02 19 30.0	+1.2	
TIXI	comp=Z,4.0m,19.0s,MSS.5					
TIXI	Tiksi 59.72 355	eP	P	02 19 20.3	-1.2	
TIXI		ePPP		02 21 31.1		
TIXI		eS	S	02 22 55.0		
TIXI		eSSS		02 27 27.0	-4.1	
TIXI		eSSS		02 33 58.7		
TIXI	comp=Z,2.0nm,0.4s,mb4.5					
TIXI		MLR	MLR			
TIXI	comp=Z,709nm,16.0s,MS4.9					
TIXI	Tiksi 59.72 355	eP	P	02 19 22.4	+0.9	
TIXI	comp=Z,4.1nm,0.5s,mb4.7					
SNZO	comp=Z,848nm,19.0s,MS4.9					
SNZO	South Karori 60.74 154	PFAKE	LR	02 19 40.0	+1.1	
MKAR	comp=Z,997nm,19.0s,MSS.0					
MKAR	Makanchi Array 61.50 317	P	P	02 19 34.3	+0.2	
MKAR	comp=Z,1.8nm,0.5s,mb4.4,baz=94,slow=7.8,SNR=3.9					
MKAR		LR	LR	02 46 47.3		
MKAR	comp=Z,1.0m,19.0s,MSS.2,baz=93,slow=36					
MKAR		PKPKPK		02 48 57.5		
ZAAZ	comp=Z,0.6nm,0.8s,baz=260,slow=5.7,SNR=3.9					
ZAAZ	Zalesovo Array 61.84 325	eP	P	02 19 36.2	+0.1	
ZAAZ	Zalesovo Beam 61.84 325	P	P	02 19 36.1	-0.2	
ZALV	comp=Z,1.2nm,0.4s,mb4.4,baz=79,slow=7.3,SNR=5.4					
ZALV		LR	LR	02 46 19.1		
DDI	comp=Z,995nm,19.0s,MSS.0,baz=267,slow=36					
NVS	Dehra Dun 62.92 298	eP	x	02 19 39.0		
NVS	Novosibirsk 63.00 326	eP	S	02 19 43.9	-0.1	
NVS		eS	S	02 28 18.2	+4.9	
NVS	comp=E,20nm,1.8s					
NVS		pmx	pmx			
NVS	comp=Z,28nm,1.8s,mb5.1					
NVS		pmx	pmx			
NVS	comp=N,8.0nm,1.1s					
NVS		smx				
NVS	comp=N,8.0nm,1.4s					
NVS		smx				
NVS	comp=E,5.0nm,1.2s					
KURK	Kurchatov 64.69 320	eP	P	02 19 54.8	-0.4	
KURK	comp=Z,24nm,2.0s,mb4.9					
KURK		pmx	pmx			
KURK	Kurchatov 64.69 320	eP	P	02 48 55.3		
KURK	comp=Z,0.8nm,0.7s,baz=290,slow=2.7,SNR=4.2					
KURK		PKPKPK		02 49 50.8		
KURK	comp=Z,2.0m,18.7s,MSS.4,baz=100,slow=38					
KURK	Kurchatov 64.69 320	PFAKE	LR	02 20 10.0	+1.5	
KURK		LR	LR			
KDAK	comp=Z,3.0m,19.0s,MSS.5					
KDAK	Kodiak Island 65.44 32	LR	LR	02 43 38.7		
KDAK	comp=Z,9.0nm,20.0s,MSS.0,baz=246,slow=32					
KDAK	Kodiak Island 65.44 32	PFAKE	LR	02 20 10.0	+1.0	
TKM2	comp=Z,984nm,19.0s,MSS.0					
TKM2	Tokmak 2 65.61 311	PFAKE	LR	02 20 10.0	+8.7	
UCH	comp=Z,1.0m,20.0s,MSS.0					
UCH	Uchtor 66.35 311	eP	P	02 20 06.3	+0.2	
UCH	comp=Z,17nm,1.2s,mb5.0					
UCH		pmx	pmx			
UCH	comp=Z,1.0m,19.0s,MSS.2	MLR	MLR			
UCH	Uchtor 66.35 311	eP	P	02 20 06.3	+0.2	
UCH	comp=Z,17nm,1.2s,mb5.0					
UCH		LR	LR			
AAK	comp=Z,1.0m,19.0s,MSS.2					
AAK	Ala-Archa 66.39 311	PFAKE	LR	02 20 20.0	+1.4	
EKS2	comp=Z,2.0m,21.0s,MSS.3					
EKS2	Erkin-Say 66.92 311	PFAKE	LR	02 20 20.0	+1.0	
AML	comp=Z,2.0m,21.0s,MSS.2					
AML	Almayashu 66.95 311	eP	P	02 20 10.9	+1.0	
AML	comp=Z,7.0nm,1.0s,mb4.7					
AML		MLR	MLR			
AML	comp=Z,1.0m,20.0s,MSS.2					
AML	Almayashu 66.95 311	eP	P	02 20 10.8	+0.9	
AML	comp=Z,6.6nm,1.0s,mb4.6					
NIL	comp=Z,1.0m,20.0s,MSS.2					
NIL	Nilore 67.03 301	PFAKE	LR	02 20 20.0	+9.4	
KTH	comp=Z,81nm,19.0s,MS4.0					
KTH	Kantishna Hill 67.86 26	eP	P	02 20 14.8	-0.4	
TRF	comp=Z,5.2nm,0.8s,mb4.6					
COLA	Thorofare Moun 68.11 26	eP	P	02 20 17.0	+0.1	
COLA	comp=Z,4.0m,1.2s					
COLA	College 68.52 25	PFAKE	LR	02 20 40.0	+1.4	
BVAR	comp=Z,2.0m,19.0s,MSS.3					
BVAR	Borovyje Array 70.08 322	LR	LR	02 51 31.0		
PAX	comp=Z,4.0m,20.0s,MSS.7,baz=290,slow=36					
PAX	Paxson 70.11 27	eP	P	02 20 30.4	+1.1	
PAX	comp=Z,4.0nm,0.8s,mb4.4					
PAX	Paxson 70.11 27	eP	P	02 20 30.4	+1.1	
BRVK	comp=Z,2.8nm,0.8s,mb4.2					
BRVK	Borovyje 70.14 322	eP	P	02 20 29.8	+0.1	
BRVK	comp=Z,8.0nm,1.2s,mb4.5					
BRVK	Borovyje 70.14 322	eP	P	02 20 28.9	-0.8	
BRVK	comp=Z,1.5nm,0.5s,mb4.2					
BRVK		LR	LR			
KBL	comp=Z,4.0m,20.0s,MSS.7					
KBL	Kabul 70.50 302	eP	P	02 20 32.5	+0.3	

2008 APR

KBL	comp=Z,8.0nm,1.0s,mb4.6					
KBL	Kabul 70.50 302	eP	P	02 20 32.5	+0.3	
PPT	comp=Z,8.4nm,1.0s,mb4.6					
PPT	Papeete 72.25 113	eS	S	02 30 04.7	-0.8	
PPT	comp=Z,463nm,25.8s					
PPT	Papeete 72.25 113	eLR	LR	02 42 49.4		
PPT	comp=Z,2.0m,24.5s,baz=286					
PPT	Papeete 72.25 113	LR	LR	02 44 18.6		
EGAK	comp=Z,1.0m,21.2s,MSS.1,baz=250,slow=29					
EGAK	Eagle 72.30 26	PFAKE	LR	02 20 50.0	+7.5	
EGAK		LR	LR			
PMOR	comp=Z,1.0m,20.0s,MSS.2					
PMOR	Pomario Rio 72.94 110	eP	P	02 20 48.8	+1.7	
HYT	comp=Z,10.1nm,1.3s,mb5.6					
HYT	Haines Junco 73.57 30	eP	P	02 20 51.4	+1.4	
DGAR	Diego Garcia 73.66 258	PFAKE	LR	02 21 00.0	+8.5	
DGAR		LR	LR			
INK	comp=Z,351nm,20.0s,MS4.6					
INK	Inuvik 75.66 22	eP	P	02 21 01.0	-1.1	
INK		pmx				
INK	comp=Z,1.1nm,1.2s					
INK	Inuvik 75.66 22	LR	LR	02 56 57.3		
INK	comp=Z,979nm,19.0s,MSS.1,baz=314,slow=38					
INK	Inuvik 75.66 22	eP	P	02 21 01.0	-1.1	
ABKAR	Akbulak array 76.59 318	eP	P	02 21 07.1	-0.7	
ARU	comp=Z,2.8nm,0.6s,mb4.4					
ARU	Arti 77.00 325	dIP	P	02 21 09.8	-0.1	
ARU		e		02 23 58.6		
ARU		S	S	02 30 59.9	+2.5	
ARU		SS	SS	02 35 51.5	-2.6	
ARU	comp=Z,6.0nm,1.2s,mb4.4					
ARU		MLR	MLR			
ARU	comp=Z,1.0m,18.0s,MSS.3					
ARU	Arti 77.00 325	eP	P	02 21 09.7	-0.3	
ARU		LR	LR			
DLBC	comp=Z,1.0m,20.0s,MSS.2					
DLBC	Dease Lake 77.36 33	LR	LR	02 51 13.2		
DLBC	comp=Z,1.0m,21.0s,MSS.2,baz=306,slow=32					
AKTK	Aktubinsk 77.75 319	P	P	02 21 13.3	-0.9	
AKTK	Aktubinsk 77					

Table with columns: Station ID, Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like OBN, M11A, P10A, M5EY, GRAC, DAC, G13A, EDW2, E14A, CHMT, B15A, LRM, MPMC, H13A, MWC, Q10A, C15A, K12A, L12A, HL1D, S10A, O11A, I13A, R10A, G14A, P11A, D15A, J13A, ELK, M12A, E15A, N12A, H14A, C16A, K13A, GSC, F15A, U10A, LRM, R11A, MCMT, DLMT, J14A, S11A, O12A, HRY, SHOC, G15A, P12A, D16A, H15A, B17A, E16A, 109C, N13A, Q12A, HEC, C17A, K14A, T10A, T11A, BOZ, BOZ, G16A, PFO, PFO, L14A, D17A, M14A, R12A, S12A.

Table with columns: Station ID, Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like KAF, V11A, E17A, SHPR, MONP, B18A, BELC, GMRC, SOC, Q13A, EGMT, N14A, HVU, H16A, FINES, FINES, FINES, R13A, I16A, LDPC, G17A, V12A, SWSC, YMR, E18A, BC3, P14A, DUG, DUG, DUG, DUG, IRM, YFT, S13A, YNR, Q14A, K16A, RR12, IMW, T13A, H17A, TPWA, F18A, LKWY, LKWY, ARUT, ARUT, U13A, I17A, AHD, CCUT, L16A, V13A, HWUT, LOHW, G18A, GLA, ANN, ANN, Y12C, W13A, T14A, PDMCI, L17A, RLMT, RLMT, RLMT, JULU, U14A, MVU, MVU, J18A.

Table with columns: Station ID, Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like MSU, DAU, K18A, V14A, N17A, FFC, T15A, W14A, BW06, PDAR, PDAR, Z13A, O17A, N13A, U15A, M18A, R16A, X14A, Y14A, L19A, V15A, K19A, N18A, SRU, SRU, P18A, MALT, R17A, X15A, LAO, LAO, Y14A, Y15A, K20A, 214A, U16A, WUAZ, WUAZ, WUAZ, W16A, R18A, DGMT, DGMT, X16A, M20A, S18A, P19A, V17A, FCC, Q19A, Y16A, L21A, AKASO, KIEV, KIEV, Q20A, T19A, TUC, TUC, MVCO, MVCO, 217A, R21A, S21A, 118A, RSSD, RSSD, V20A, Y19A, 218A, 318A, 119A, ISCO, ISCO, 220A, NOA, 120A, NA001, NA001, 220A, SDCO, SDCO, MAW, MAW, ANMO.

Table of radio station data including call signs (e.g., ANMO, ULM, CSS), frequencies, and other technical details.

Table of radio station data including call signs (e.g., LONY, LRAL, NCB), frequencies, and other technical details.

Table of radio station data including call signs (e.g., URZ, URZ, SNZO), frequencies, and other technical details.

ISCJB 08 02:32:51.01, 0.8, 38.29N, 0.05:27.24E:0.09, h12km, 10km, Error ellipse: s-maj=12.5km s-min=7.8km az=22.3

Table of radio station data including call signs (e.g., IZM, IZM, IZM), frequencies, and other technical details.

T13A	baz=77,SNR=11	77.62	46	↑P	P	02 53 24.2	-0.1
TUC	baz=77	77.63	51	eP	P	02 53 24.7	+0.2
K08A	2.4nm,0.7s,mb4.0 Mann Creek Ran	77.68	39	↑P	P	02 53 24.6	+0.1
117A	baz=78,SNR=7.6	77.78	51	↑P	P	02 53 25.7	+0.3
R12A	baz=78,SNR=6.0	77.80	44	↑P	P	02 53 25.2	0.0
U14A	baz=78,SNR=11	77.83	47	↑P	P	02 53 25.9	+0.4
Y16A	baz=78	77.83	50	↑P	P	02 53 26.5	+0.9
318A	baz=78,SNR=5.7	77.85	52	↑P	P	02 53 25.7	+0.1
I07A	baz=78	77.85	37	↑P	P	02 53 25.3	-0.1
S13A	baz=78,SNR=5.0	77.93	45	↑P	P	02 53 26.1	+0.1
Q12A	baz=78	78.02	44	↑P	P	02 53 26.4	0.0
218A	baz=78	78.04	52	↑P	P	02 53 26.8	0.0
O11A	baz=78	78.04	42	↑P	P	02 53 26.8	+0.2
J08A	baz=78	78.04	38	↑P	P	02 53 26.7	+0.2
H07A	baz=78	78.11	37	↑P	P	02 53 26.6	-0.3
X16A	baz=78,SNR=18	78.11	49	↑P	P	02 53 27.7	+0.6
P12A	baz=78	78.19	43	↑P	P	02 53 27.1	-0.3
T14A	baz=78	78.21	46	↑P	P	02 53 27.5	-0.1
Y17A	baz=78	78.22	50	↑P	P	02 53 28.1	+0.5
M10A	baz=78	78.22	41	↑P	P	02 53 27.5	0.0
V15A	baz=78,SNR=8.1	78.25	48	↑P	P	02 53 28.3	+0.5
CCUT	baz=78	78.26	46	eP	P	02 53 28.5	+0.7
319A	baz=78,SNR=7.5	78.36	53	↑P	P	02 53 28.8	+0.3
W16A	baz=78	78.39	49	↑P	P	02 53 28.6	+0.1
118A	baz=78,SNR=6.2	78.39	51	↑P	P	02 53 29.1	+0.5
U15A	baz=78,SNR=11	78.46	47	↑P	P	02 53 29.5	+0.6
J09A	baz=78,SNR=7.1	78.47	39	↑P	P	02 53 28.7	-0.1
S14A	baz=78	78.50	46	↑P	P	02 53 29.2	+0.1
Q13A	baz=78,SNR=5.5	78.52	44	↑P	P	02 53 29.2	0.0
X17A	baz=78	78.54	50	↑P	P	02 53 30.2	+0.8
L10A	baz=78	78.56	40	↑P	P	02 53 29.2	-0.1
M11A	baz=78	78.64	41	↑P	P	02 53 29.9	+0.1
219A	baz=78,SNR=5.6	78.65	52	↑P	P	02 53 30.4	+0.3
T15A	baz=78,SNR=7.2	78.68	46	↑P	P	02 53 30.3	+0.2
WUAZ	baz=78	78.68	48	↑P	P	02 53 30.8	+0.7
K10A	baz=78	78.70	40	↑P	P	02 53 29.8	-0.2
O12A	baz=78	78.71	43	↑P	P	02 53 29.9	-0.3
P13A	baz=78	78.77	44	↑P	P	02 53 30.5	-0.1
N12A	baz=78,SNR=5.6	78.82	42	↑P	P	02 53 30.6	-0.1
N12A	4.7nm,0.9s,mb4.2	78.82	42	eP	P	02 53 30.9	+0.1
Y18A	baz=78,SNR=7.2	78.86	50	↑P	P	02 53 31.8	+0.6
G08A	baz=79	78.86	37	↑P	P	02 53 30.7	-0.2
320A	baz=79,SNR=5.5	78.92	53	↑P	P	02 53 32.1	+0.6
119A	baz=79	78.95	52	↑P	P	02 53 31.9	+0.3
Q14A	baz=79,SNR=6.0	79.03	44	↑P	P	02 53 31.9	-0.1
L11A	baz=79,SNR=7.9	79.06	41	↑P	P	02 53 31.9	-0.2
E07A	baz=79	79.10	35	↑P	P	02 53 31.8	-0.4
V17A	baz=79,SNR=10	79.14	48	↑P	P	02 53 32.9	+0.3
U16A	baz=79,SNR=5.2	79.15	48	↑P	P	02 53 32.8	+0.1
220A	baz=79,SNR=6.5	79.17	53	↑P	P	02 53 33.3	+0.5
M12A	baz=79,SNR=5.0	79.19	42	↑P	P	02 53 32.6	-0.2
K11A	baz=79,SNR=6.6	79.21	40	↑P	P	02 53 32.5	-0.3
X18A	baz=79,SNR=5.0	79.26	50	↑P	P	02 53 33.5	+0.2
P14A	baz=79	79.47	44	↑P	P	02 53 34.3	-0.1
L12A	baz=79,SNR=6.9	79.51	41	↑P	P	02 53 34.4	-0.1
Y19A	baz=79	79.52	50	↑P	P	02 53 35.5	+0.8
G09A	baz=79,SNR=9.8	79.54	37	↑P	P	02 53 34.7	+0.1
MSU	4.4nm,1.2s,mb4.1	79.55	45	eP	P	02 53 35.2	+0.5
BMO	baz=79	79.58	38	eP	P	02 53 34.0	-0.8
Z20A	baz=79,SNR=6.2	79.64	51	↑P	P	02 53 36.0	+0.6
C07A	baz=80	79.66	34	↑P	P	02 53 34.8	-0.3
MFID	baz=80	79.68	40	↑P	P	02 53 34.9	-0.4
U17A	baz=80	79.69	48	↑P	P	02 53 36.2	+0.6
X19A	baz=80,SNR=7.4	79.70	50	↑P	P	02 53 36.2	+0.5
H10A	baz=80,SNR=13	79.77	38	↑P	P	02 53 35.1	-0.6
T17A	baz=80	79.78	47	↑P	P	02 53 36.3	+0.3
V18A	baz=80,SNR=7.3	79.81	49	↑P	P	02 53 36.6	+0.3
K12A	baz=80	79.84	41	↑P	P	02 53 36.3	+0.1
I11A	baz=80	79.87	39	↑P	P	02 53 35.8	-0.5
D08A	baz=80	79.91	35	↑P	P	02 53 35.9	-0.5
R16A	baz=80	79.91	46	↑P	P	02 53 37.5	+0.8
G10A	baz=80	79.94	37	↑P	P	02 53 36.1	-0.6
DUG	baz=80	79.94	44	↑P	P	02 53 36.5	-0.4
P15A	baz=80	79.99	44	↑P	P	02 53 37.1	0.0
121A	baz=80	80.00	52	↑P	P	02 53 37.5	+0.2
S17A	baz=80	80.08	47	↑P	P	02 53 37.7	+0.1
B07A	baz=80	80.08	34	↑P	P	02 53 37.3	-0.1
Y20A	baz=80	80.15	51	↑P	P	02 53 38.9	+0.8
L13A	baz=80	80.17	41	↑P	P	02 53 38.2	+0.2
U18A	baz=80	80.18	48	↑P	P	02 53 38.1	0.0
M14A	baz=80,SNR=5.1	80.25	42	↑P	P	02 53 38.2	-0.2
F10A	baz=80,SNR=8.9	80.25	37	↑P	P	02 53 37.6	-0.7
D09A	baz=80	80.25	35	↑P	P	02 53 37.9	-0.4
C08A	baz=80	80.27	35	↑P	P	02 53 38.0	-0.4
H11A	baz=80	80.27	38	↑P	P	02 53 37.9	-0.6

A07A	baz=80,SNR=5.5	80.30	33	↑P	P	02 53 38.1	-0.3
I12A	baz=80	80.31	39	↑P	P	02 53 38.7	0.0
X20A	baz=80,SNR=11	80.34	50	↑P	P	02 53 39.6	+0.6
K13A	baz=80,SNR=6.8	80.36	41	↑P	P	02 53 39.2	+0.2
Z21A	baz=80,SNR=6.3	80.42	52	↑P	P	02 53 40.4	+0.9
B08A	baz=80	80.44	34	↑P	P	02 53 38.3	-1.0
G11A	baz=80,SNR=8.2	80.50	38	↑P	P	02 53 38.9	-0.7
T18A	baz=80,SNR=6.2	80.50	47	↑P	P	02 53 40.2	+0.3
R17A	baz=80,SNR=1.4	80.51	46	↑P	P	02 53 39.8	-0.1
TMUT	4.5nm,0.8s,mb4.2	80.59	45	eP	P	02 53 40.8	+0.5
W20A	baz=80,SNR=9.2	80.59	50	↑P	P	02 53 41.0	+0.6
U19A	baz=80	80.59	48	↑P	P	02 53 40.7	+0.3
HLID	baz=80	80.63	40	↑P	P	02 53 40.5	+0.1
HLID	baz=80,SNR=9.5	80.63	40	eP	P	02 53 40.5	+0.1
J13A	5.4nm,0.9s,mb4.3	80.70	40	↑P	P	02 53 40.8	+0.1
Y21A	baz=80	80.72	51	↑P	P	02 53 41.9	+0.8
X21A	baz=80	80.82	51	↑P	P	02 53 42.0	+0.3
A08A	baz=81	80.83	34	↑P	P	02 53 40.9	-0.4
D10A	baz=81	80.83	36	↑P	P	02 53 41.0	-0.4
TNA	5.5nm,0.8s,mb4.3	80.86	3	eP	P	02 53 40.9	-0.2
H12A	baz=81	80.88	39	↑P	P	02 53 41.5	-0.2
K14A	baz=81	80.89	41	↑P	P	02 53 41.7	-0.1
G12A	baz=81,SNR=11	80.91	38	↑P	P	02 53 41.5	-0.3
SRU	baz=81	80.97	45	↑P	P	02 53 42.7	+0.4
I13A	baz=81	81.00	40	↑P	P	02 53 42.5	+0.2
J14A	baz=81	81.07	41	↑P	P	02 53 42.9	+0.2
L15A	baz=81,SNR=8.0	81.12	42	↑P	P	02 53 42.7	-0.3
N16A	baz=81	81.20	43	↑P	P	02 53 43.6	+0.1
A09A	baz=81	81.21	34	↑P	P	02 53 42.9	-0.4
W21A	baz=81	81.22	50	↑P	P	02 53 44.4	+0.7
Q18A	baz=81	81.23	46	↑P	P	02 53 43.6	0.0
H13A	baz=81,SNR=5.8	81.25	39	↑P	P	02 53 43.4	-0.2
F12A	baz=81,SNR=9.8	81.29	38	↑P	P	02 53 43.3	-0.5
LAZ	1.7nm,1.1s,mb3.7	81.29	51	eP	P	02 53 44.9	+0.8
324A	baz=81	81.33	54	↑P	P	02 53 44.3	-0.1
O17A	baz=81,SNR=7.0	81.33	44	↑P	P	02 53 44.3	+0.2
D11A	baz=81,SNR=8.4	81.36	36	↑P	P	02 53 43.4	-0.7
K15A	baz=81	81.37	41	↑P	P	02 53 44.0	-0.3
MCK	baz=81	81.40	11	eP	P	02 53 42.9	-1.0
I14A	3.0nm,0.8s,mb4.1	81.42	40	↑P	P	02 53 44.9	+0.3
X22A	baz=81	81.43	51	↑P	P	02 53 45.5	+0.7
425A	baz=81	81.46	55	↑P	P	02 53 45.3	+0.2
E12A	baz=81,SNR=8.6	81.46	37	↑P	P	02 53 45.4	+0.8
R19A	baz=81	81.46	47	↑P	P	02 53 44.8	-0.1
G13A	baz=81	81.55	39	↑P	P	02 53 44.8	-0.4
224A	baz=81	81.55	54	↑P	P	02 53 45.8	+0.3
BNM	baz=81,SNR=6.3	81.56	51	eP	P	02 53 45.8	+0.3
N17A	1.1s,mb4.2	81.62	44	↑P	P	02 53 45.5	-0.2
LPM	baz=81	81.63	51	eP	P	02 53 46.5	+0.7
626A	baz=81	81.65	56	↑P	P	02 53 46.2	+0.1
325A	baz=81	81.75	54	↑P	P	02 53 46.2	-0.1
L16A	baz=82,SNR=8.0	81.75	42	↑P	P	02 53 45.9	-0.4
Q19A	baz=82,SNR=7.7	81.76	46	↑P	P	02 53 46.4	0.0
A10A	baz=82	81.77	34	↑P	P	02 53 46.3	+0.1
J15A	baz=82,SNR=8.2	81.79	41	↑P	P	02 53 46.9	+0.4
H14A	baz=82	81.82	39	↑P	P	02 53 46.6	0.0
F13A	baz=82,SNR=5.9	81.85	38	↑P	P	02 53 46.0	-0.7
O18A	baz=82,SNR=5.9	81.86	45	↑P	P	02 53 47.1	+0.2
S26A	baz=82	81.88	56	↑P	P	02 53 47.3	+0.1
D12A	baz=82,SNR=5.7	81.93	37	↑P	P	02 53 47.3	+0.2
TXAR	baz=82	81.94	57	↑P	P	02 53 47.7	+0.1
M17A	1.3nm,0.8s,mb3.8,slow=0.9,SNR=19	81.99	43	↑P	P	02 53 47.1	-0.4
ANMO	baz=82	82.03	51	eP	P	02 53 48.0	+0.2
R20A	4.7nm,0.9s,mb4.2	82.03	47	↑P	P	02 53 47.9	0.0
K16A	baz=82	82.05	42	↑P	P	02 53 48.0	+0.2
G14A	baz=82,SNR=5.3	82.09	39	↑P	P	02 53 47.9	-0.1
225A	baz=82,SNR=8.1	82.11	54	↑P	P	02 53 48.6	+0.2
B11A	baz=82,SNR=5.6	82.11	35	↑P	P	02 53 47.3	-0.7
426A	baz=82	82.17	55	↑P	P	02 53 49.0	+0.2
627A	baz=82,SNR=1.4	82.21	57	↑P	P	02 53 49.1	+0.1
S21A	baz=82,SNR=5.7	82.22	48	↑P	P	02 53 49.2	+0.4
MCMT	baz=82,SNR=11	82.25	39	eP	P	02 53 48.8	-0.1
P19A	baz=82	82.27	45	↑P	P	02 53 48.8	

Table listing station data for DAVA, DAMUELS, BYXU, BFO, ARU, etc. Columns include station name, coordinates, and various parameters.

Table listing station data for KIV, GNI, ARU, TOR, etc. Columns include station name, coordinates, and various parameters.

Table listing station data for NOA, MAW, ULM, TOR, etc. Columns include station name, coordinates, and various parameters.

8d 6h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BUTP, MATI, DAVAO CITY (W), etc.

2008 APR

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GTA, STKA, MUN, etc.

288

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like RES, NOA, YKA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and Res. Includes stations like UGM, UGM, SMRI, etc.

ISCJB 08:19:05.7-0.3, 40:67N:0:02-20:58E:0.03, h10km, Error ellipse: s-maj=3.1km s-min=2.5km az=7.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and Res. Includes stations like KBN, KBN, KBN, etc.

ISC 08:19:06.2-0.4, 40:67N:0:02-20:58E:0.03, h3km, 3km, n86, +197/146, 2C-8D, Greece-Albania border region

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like FNA, FNA, FNA, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BIA, BIA, BIA, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KRUS, KRUS, KRUS, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TIR, TIR, TIR, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KZN, KZN, KZN, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KEK, KEK, KEK, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MCK, MCK, MCK, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ARCES, ARCES, ARCES, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PUK, PUK, PUK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ULM Lac du Bonnet, EROS Data Cent, TXAR Lajitas Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Sarande, Kerkiria, Igoumenitsa, Santa Cesarea, Korca, etc.

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

IDC 08 07:08:32.2-5.1, 21.79S:68.64W, h0km, mb3.7/1, mb1 3.7/2, mb1mx3.4/1.5, mbtmp3.6/2, ML3.4/1, Error ellipse: s-maj=153.8km s-min=55.8km az=73.0, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LPAZ La Paz, TORD Torodi Ar. Bea, MKAR Makanchi Array, etc.

ISCJCB 08 07:16:50.7-0.4, 38.14N:01.02:22.66E:0.03, h8km, 5km, Error ellipse: s-maj=3.9km s-min=3.5km az=26.3, CSEM 08 07:16:51.4-0.2, 38.16N:22.65E, h19km, ML2.4, Error ellipse: s-maj=4.5km s-min=4.1km az=70.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAN Janina, JAN Metsovno, MEV Metsovno, TIR Tirane, etc.

THE 08 07:16:51.1, 38.16N:22.67E, h12km, 1km, ML2.9/6, Error ellipse: s-maj=1.0km s-min=0.6km az=303.0, ATH 08 07:16:51.3, 38.14N:22.67E, h13km, 6km, MD3.1/9, ML2.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAW Mawson, FFF Fort Churchill, YKA Yellowknife Ar, etc.

ISCJCB 08 07:16:50.7-0.4, 38.14N:01.02:22.66E:0.03, h8km, 5km, Error ellipse: s-maj=3.9km s-min=3.5km az=26.3, CSEM 08 07:16:51.4-0.2, 38.16N:22.65E, h19km, ML2.4, Error ellipse: s-maj=4.5km s-min=4.1km az=70.0

THE 08 07:16:51.1, 38.16N:22.67E, h12km, 1km, ML2.9/6, Error ellipse: s-maj=1.0km s-min=0.6km az=303.0, ATH 08 07:16:51.3, 38.14N:22.67E, h13km, 6km, MD3.1/9, ML2.4

ISC 08 07:16:51.3-0.4, 38.15N:01.02:22.66E:0.03, h14km, 5km, n37, c067/60, 1C, Greece

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUR Gaura, KALE Kalithea, LAKA Lakka, LKR Lokris, etc.

ISC 08 07:16:51.3-0.4, 38.15N:01.02:22.66E:0.03, h14km, 5km, n37, c067/60, 1C, Greece

ISC 08 07:16:51.3-0.4, 38.15N:01.02:22.66E:0.03, h14km, 5km, n37, c067/60, 1C, Greece

ISC 08 07:16:51.3-0.4, 38.15N:01.02:22.66E:0.03, h14km, 5km, n37, c067/60, 1C, Greece

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OHR Ohrid, FNA Florina, FNA Florina, BIA Bitola, etc.

NEIC 08 08:59:21.2, 39:58S:177.18E, h59km, ML3.8(WEL), After WEL

NEIC 08 08:59:21.2, 39:58S:177.18E, h59km, ML3.8(WEL), After WEL

NEIC 08 08:59:21.2, 39:58S:177.18E, h59km, ML3.8(WEL), After WEL

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CKHZ Cape Kidnapper, KAHZ Kahuranaki, etc.

IDC 08 07:30:28.9-3.2, 1.75N:95.35E, h0km, mb3.3/4, mb1 3.6/5, mb1mx3.4/2.3, mbttmp3.4/5, ML4.4/1, Error ellipse: s-maj=1.09.5km s-min=1.5km az=59.0

ISCJCB 08 07:30:35.2-4.5, 2.7N:01.96:3E:0.2, h12km, 27km, n10, c103/12, mb3.4/4, Northern Sumatra

DJA 08 07:30:37.2:73N:96:28E, h41km, MLV3.7/5, ISC 08 07:30:35.2-4.5, 2.7N:01.96:3E:0.2, h12km, 27km, n10, c103/12, mb3.4/4, Northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GSI Gunungsiteh, BSI Banda Aceh, IPM Ipo, etc.

ISCJCB 08 08:24:35.7-0.4, 25:78S:070:85W:0.08, h33km, mb4.1/13, MS3.0/1, Error ellipse: s-maj=10.4km s-min=4.8km az=4.4

IDC 08 08:24:36.5-0.8, 25:75S:70:67W, h29km, 4km, mb3.9/7, mb1 3.9/12, mb1mx3.9/19, mbttmp3.8/12, ML3.8/4, MS3.1/3, Ms1 3.1/3, ms1mx2.8/26, Error ellipse: s-maj=24.2km s-min=15.1km az=102.0

NEIC 08 08:24:36.4-0.4, 25:73S:70:70W, mb4.4/6, Error ellipse: s-maj=13.6km s-min=7.7km az=85.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LCO Las Campanas, LVC Limon Verde, etc.

ISCJCB 08 08:24:35.7-0.4, 25:78S:070:85W:0.08, h33km, mb4.1/13, MS3.0/1, Error ellipse: s-maj=10.4km s-min=4.8km az=4.4

IDC 08 08:24:36.5-0.8, 25:75S:70:67W, h29km, 4km, mb3.9/7, mb1 3.9/12, mb1mx3.9/19, mbttmp3.8/12, ML3.8/4, MS3.1/3, Ms1 3.1/3, ms1mx2.8/26, Error ellipse: s-maj=24.2km s-min=15.1km az=102.0

NEIC 08 08:24:36.4-0.4, 25:73S:70:70W, mb4.4/6, Error ellipse: s-maj=13.6km s-min=7.7km az=85.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LCO Las Campanas, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Lists various stations and their coordinates.

IDC 08 09:00:02.7:3.5,3.47S:152.04E,h0km,mb3.8/2, mb1 4.0/2,mb1mx3.6/14,mb1mp3.8/2,MS3.8/1,Ms1 3.8/1,ms1mx2.6/32,Error ellipse: s-maj=148.8km s-min=46.1km az=117.0,New Ireland region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Lists stations like Warramunga Arr, Alice Springs, etc.

JMA 08 09:01:25.5:0.2,2238N:125.66E,h0km,M4.0, Southeast of Taiwan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Lists stations like GUSUKUBE, KUROSHIMA, etc.

MOS 08 09:06:42.6:1.1,6.16S:154.80E,h33km,mb4.7/12, Error ellipse: s-maj=12.1km s-min=10.7km az=28

ISCJB 08 09:06:44.8:0.3,6.29S:154.92E,0.05,h54km, mb4 6/43,MS3.8/12, Error ellipse: s-maj=7.9km s-min=6.6km az=135.5

BUI 08 09:06:44.3:6.30S:154.90E,h53km,mb4.8/4,mb4.4/7 IDC 08 09:06:45.9:0.5,6.33S:154.90E,h52km,MS3.8/17, mb1 4.4/18,mb1mx4.4/20,mb1mp4.3/18,MS3.8/12, Ms1 3.8/12,ms1mx3.6/25,Error ellipse: s-maj=17.8km s-min=11.4km az=126.0

NEIC 08 09:06:46.3:0.2,6.31S:154.87E,mb4.8/18, Error ellipse: s-maj=7.3km s-min=6.1km az=126.0

DJA 08 09:06:53.6:5.66S:155.06E,h119km,mb4.8/9 ISC 08 09:06:54.8:0.3,6.29S:154.92E,0.05,h56km, h56km,8km,pP,92,0.85S/84,mb4.6/43,MS3.8/12, h56km,10,Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Lists stations like Honiara, Charters Tower, Kakadu, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Lists stations like WRA, WRA, WRA, etc.

BOD Bodaibo 71.92 338 eP P 09 18 01.0 -2.8 BOD BOD 09 18 17.8 -1.6

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Lists stations like TAPN, ODAN, etc.

BILL Billinye 74.59 4 eP P 09 18 19.8 +0.4

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Lists stations like BILL, BILL, BILL, etc.

DANN Dangsing 76.58 301 eP P 09 18 31.6 0.0

TNA Tin City 76.67 15 eP P 09 18 31.3 0.0

SVYU Piuthan 77.18 301 eP P 09 18 34.8 -0.2

MCK McKinley 81.45 22 eP P 09 18 56.9 -0.5

MCK Makani Array 82.81 319 pP P 09 19 04.6 -0.3

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Lists stations like MCK, MKAR, ZALV, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Lists stations like UCHT, UCHT, UCHT, etc.

ISCJB 08 09:14:53.0:1.4,41.0N:02.40:2E,0.1,h1km,14km, Error ellipse: s-maj=30.0km s-min=7.9km az=159.2

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Lists stations like GUMT, DBAD, etc.

ISCJB 08 09:17:25.4:0.9,20.77S:0.05:178.89W,0.03, h581km,12km,mb4.8/115, Error ellipse: s-maj=8.0km s-min=4.6km az=165.9

DJA 08 09:17:26.2:0.81S:178.91W,h581km,Mw5.2/15 BUI 08 09:17:26.6:20.43S:178.45W,h603km,mb4.8/21, mb5.0/38

MOS 08 09:17:26.9:1.3,20.70S:178.88W,h600km,mb4.8/26, Error ellipse: s-maj=10.7km s-min=8.4km az=45.2

GCMT 08 09:17:27.8:0.5,20.62S:178.73W,h624km,4km, Mw5.152, Moment Tensor Solution, sSz,c59, Duration: 0. Moment tensor: Scale 1016Nm, Mrr-4.86i.3i; Mw0.01i.53i; Mw4.84i.53i; Mw2.29i.55i; Mw0.94i.58i; Mw-2.84i.53i; Best double couple: Mdc4.1700x1016 NP1:0.173,00000,0.830,00000,-1.124,00000. NP2: 0.31,00000,0.865,00000,-1.72,00000. Principal axes: T 6.1290,Plg18.0000, Azm18.0000, N 0.5880,Plg16.0000, Azm204.0000, P -6.7040,Plg65.0000, Azm333.0000; nsta1 refers to body waves, cutoff=40s.

NEIC 08 09:17:27.8:0.9,20.71S:178.85W,h597km,11km, mb4.8/85, Error ellipse: s-maj=8.9km s-min=5.1km az=158.0

BGS 08 09:17:28.0:3.3,20.71S:178.85W,h597km,mb4.8/NEIC) SZGRF 08 09:17:29.2:9.98S:179.04W,h627km,mb4.8/NEIC region IDC 08 09:17:30.0:0.7,20.88S:178.88W,h628km,mb4.1/24, mb1 4.2/25,mb1mx4.2/25,mb1mp4.2/25,Error ellipse: s-maj=10.9km s-min=6.7km az=149.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Lists stations like DZM, OUZ, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like BKZ, MRZ, QRTZ, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like SDPT, CHGN, NYKOK, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like PDMCI, W12A, H14A, etc.

8d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like VRAC, STHS, YVHS, etc.

ISCJB 08 10:39:57.51.1.35:31N:0:06:27.72E:0:06, h5km, 7km, Error ellipse: s-maj=1.3km s-min=0.4km az=153.0

NEIC 08 10:39:58.0, 35:96N:27.42E, h24km, MD3.5(ATH), After ATH.

ATH 08 10:39:58.0, 35:96N:27.42E, h24km, 7km, MD3.5/4

ISC 08 10:40:01.7, 35:38N:27.41E, h6km, MD3.3

CSEM 08 10:40:03.0, 35:31N:27.33E, h20km, MD3.5, Error ellipse: s-maj=15.7km s-min=8.7km az=152.0

DDA 08 10:40:04.4, 35:43N:28.71E, h33km, Md3.1

ISC 08 10:39:58.9, 1.2, 35:30N:0:06:27.67E:0:06, h11km, 6km, n27, +131/36, 2D, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like KARP, ARG, ZKR, etc.

ISC 08 11:02:28.3, 0.7, 13:07N:125:79E, h0km, mb3.9/12, mb1.4/12, mb1mx4.0/21, mb1mx3.9/12, MS2.7/1

NEIC 08 11:02:29.0, 4, 13:06N:125:78E, h10km, mb4.5/1, Error ellipse: s-maj=23.1km s-min=8.5km az=70.0

ISCJB 08 11:02:31.6, 0.6, 13:02N:10:05:25.7E:0:1, h33km, mb3.9/14, Error ellipse: s-maj=20.6km s-min=10.7km az=152.3

ISC 08 11:02:33.6, 0.6, 13:09N:0:08:25.8E:0:1, h35km, n17, +0594/16, mb3.9/14, 1C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like PVCP, RUM, GUAM, etc.

ISC 08 11:21:03.2, 0.9, 17:39S:167:92E, h0km, mb4.3/9, mb1.4/5/10, mb1mx4.4/16, mb1mx4.4/10, ML4.9/1, MS3.8/8

NEIC 08 11:21:05.4, 0.6, 17:45S:167:87E, h10km, mb4.4/1, Error ellipse: s-maj=27.1km s-min=23.9km az=92.0

2008 APR

ellipse: s-maj=17.9km s-min=13.0km az=83.0, ISCJB 08 11:21:07.0, 0.7, 17:16S:0:04:167.7E:0:1, h33km, mb4.3/1, MS3.9/7, Error ellipse: s-maj=17.0km s-min=5.8km az=3.2

NOU 08 11:21:09.7, 1.6, 18:33S:169:54E, h30km, MD3.1, ML4.0

ISC 08 11:21:09.2, 0.7, 17:58S:0:04:167.8E:0:1, h35km, n41, +131/27, mb4.3/10, MS3.9/7, 2C, Vanuatu Islands

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

ONTR Honiara 4.88 195 eS Pn 11 23 12.3 -3.1

CTA Charters Tower 20.55 260 LR Lr 11 33 00.7

URZ Urewera 21.16 160 P P 11 26 02.8 +0.8

CNB Stephens Creek 27.65 234 eP P 11 26 23.4 +1.7

STKA Stephens Creek 27.65 234 P P 11 26 55.1 +3.3

WRA Warrungarra Arr 31.75 260 P P 11 27 29.6 -0.6

ASAR Alice Springs 32.25 253 P P 11 27 34.6 -0.1

FITZ Fitzroy Crossi 40.08 263 eP P 11 28 42.2 +0.6

FITZ Fitzroy Crossi 40.08 263 LR Lr 11 45 15.5

FITZ Fitzroy Crossi 40.08 263 eP P 11 28 42.4 +0.8

PPT Papeete 40.56 97 eLR Lr 11 40 33.2

TAOE Nuku Hiva Isl 51.27 87 eLR Lr 11 45 30.8

MJAR Matsushiro Arr 60.66 333 P P 11 31 13.7 -3.1

PETK Petropavlovsk 70.93 354 LR Lr 11 58 29.6

CMAR Chiang Mai Arr 76.58 294 P P 11 32 57.4 +0.8

ULN Ulanbatar 84.73 324 eP P 11 33 39.9 +0.4

SOM Songino Array 85.08 324 P P 11 33 41.8 +0.5

NVAR Mina Array Bea 88.73 49 P P 11 33 58.3 -1.0

VNA2 Neumayer-Watz 91.67 182 eP P 11 34 12.5 -0.6

INK Inuvik 95.41 19 LR Lr 12 12 33.2

PDAR Pinedale Array 96.49 47 LR Lr 12 09 46.2

MKAR Makanchi Array 96.61 316 P P 11 34 49.2 +0.2

FETA Feichten 145.09 332 I/PKPb P 11 40 42.4 -0.2

DAVA Davao 145.25 333 I/PKPb P 11 40 42.8 -0.2

CDF Champ du Feu 145.39 337 ePKP1 PKPbc 11 40 43.0 -0.3

HAF Hainaferrail 146.04 337 ePKP1 PKPbc 11 40 45.2 -0.2

HIN Huaidompre 146.07 338 ePKP1 PKPbc 11 40 44.9 -0.6

CABF La Chapelle 147.34 336 ePKP1 PKPbc 11 40 49.1 -0.1

SSF Saint Sauge 147.87 340 ePKP1 PKPbc 11 40 50.1 -0.5

TORD Torodi Arr Bea 165.91 254 PKP PKPfd 11 41 09.9 -1.4

ISCJB 08 11:28:26.4, 0.4, 27:08N:0:06:126:87E:0:05, h125km, 4km, mb4.0/9, Error ellipse: s-maj=11.4km s-min=4.3km az=14.5

ISC 08 11:28:27.4, 1.3, 27:11N:126:90E, h117km, 13km, mb3.7/9, mb1.3/8/9, mb1mx3.6/25, mb1mx3.7/9, MS3.2/1, ms1mx2.3/32, Error ellipse: s-maj=24.7km s-min=12.6km az=71.0

NEIC 08 11:28:28.1, 1.2, 27:07N:126:90E, h122km, 13km, MG3.6(JMA), Error ellipse: s-maj=25.6km s-min=10.9km az=67.0

JMA 08 11:28:28.3, 0.2, 27:12N:126:88E, h114km, 3km, MG3.6

ISC 08 11:28:27.4, 0.4, 27:10N:0:06:126:85E:0:05, h118km, 5km, n32, +0865/46, mb4.0/10, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like JAGN, JKE, JHE, etc.

296

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

NEIC 08 11:48:34.4, 2.3, 24:35N:141:54E, h87km, 22km, mb4.5/1, Error ellipse: s-maj=23.4km s-min=9.2km az=96.0

ISCJB 08 11:48:37.3, 1.1, 24:54N:0:06:141:1E:0:2, h135km, 12km, mb3.7/9, Error ellipse: s-maj=26.1km s-min=9.8km az=174.0

ISC 08 11:48:37.3, 1.8, 24:36N:141:52E, h115km, 17km, mb3.5/8, mb1.3/6/11, mb1mx3.5/26, mb1mx3.6/11, Error ellipse: s-maj=31.8km s-min=14.3km az=96.0

JMA 08 11:48:40.0, 0.3, 24:64N:140:89E, h80km, M5.0

ISC 08 11:48:37.9, 1.2, 24:53N:0:07:141:0E:0:2, h122km, 13km, n25, +117/31, mb3.9/9, Volcano Islands region

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

ISCJB 08 12:20:31.1, 0.5, 33:33N:0:02:35:42E:0:03, h6km, 3km, Error ellipse: s-maj=5.4km s-min=2.7km az=29.6

GIL 08 12:20:31.2, 0.0, 33:33N:35:38E, h1km, 1km, Md2.7/7, Mm2.3/8

CSEM 08 12:20:31.4, 0.2, 33:32N:35:42E, h2km, M7.9, Error ellipse: s-maj=4.7km s-min=2.9km az=91.0

GRAL 08 12:20:31.8, 0.4, 33:32N:35:40E, h7km, 9km, MD3.3

NSSC 08 12:20:32.3, 33:29N:35:49E, h10km, 2km

ISC 08 12:20:31.5, 0.5, 33:34N:0:02:35:41E:0:03, h5km, 3km, n34, +0874/58, 12D, Jordan - Syria region

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

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ASAR Alice Springs, SONMI Sogingo Array, MKAR Makanchi Array, ZALV Zalesovo Beam.

CSEM 08 14:07:37.4+1.4, 38.77N:27.68E, h2km, MD2.8, Error ellipse: s-maj=23.8km s-min=10.6km az=76.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AKS Akhisar, MANT Manisa, DEMI Demirci, DURS Dursunbey.

ISCJB 08 14:10:11.0+0.4, 51.46N:02.16E, h0km, mb3.5/2, Error ellipse: s-maj=3.1km s-min=1.9km az=18.9

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KSP Ksiaz, BRG Bergjesshubel, RUE Ruedersdorf, PRU Pruhonice.

ISC 08 14:10:11.4+0.3, 51.56N:02.16E, h0km, n139, e110/222, mb3.5/2, 10C-14D, Poland

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KSP Ksiaz, BRG Bergjesshubel, RUE Ruedersdorf, PRU Pruhonice.

ISC 08 14:10:11.4+0.3, 51.56N:02.16E, h0km, n139, e110/222, mb3.5/2, 10C-14D, Poland

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BRG Bergjesshubel, RUE Ruedersdorf, PRU Pruhonice, CLL Collim.

ISC 08 14:10:11.4+0.3, 51.56N:02.16E, h0km, n139, e110/222, mb3.5/2, 10C-14D, Poland

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CLL Collim, RAC Raciborz, MORC Moravsky Berou, Ostrava-Krasne.

ISC 08 14:10:11.4+0.3, 51.56N:02.16E, h0km, n139, e110/222, mb3.5/2, 10C-14D, Poland

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VRAC Vranov, KRUC Moravsky.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KRUC, TANN Tannenbergstha, WERD Werda, NOVY Kostel.

ISC 08 14:07:37.4+1.4, 38.77N:27.68E, h2km, MD2.8, Error ellipse: s-maj=23.8km s-min=10.6km az=76.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KHC Kaspeske Hory, MGBB Grossbuechelbe, MOX Moxa.

ISC 08 14:10:11.0+0.4, 51.46N:02.16E, h0km, mb3.5/2, Error ellipse: s-maj=3.1km s-min=1.9km az=18.9

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GERES, SMOL Smolence, KOLL Kolacno, ZST Bratislava, NIE Niedzica.

ISC 08 14:10:11.4+0.3, 51.56N:02.16E, h0km, n139, e110/222, mb3.5/2, 10C-14D, Poland

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CONA, CSNA, ARSA, ARZBERG, BFO, DAVOX.

ISC 08 14:10:11.4+0.3, 51.56N:02.16E, h0km, n139, e110/222, mb3.5/2, 10C-14D, Poland

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

ISC 08 14:10:11.4+0.3, 51.56N:02.16E, h0km, n139, e110/222, mb3.5/2, 10C-14D, Poland

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

ISC 08 14:10:11.4+0.3, 51.56N:02.16E, h0km, n139, e110/222, mb3.5/2, 10C-14D, Poland

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

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, AKASG Malin Array Be, LOR Lormes.

ISC 08 14:10:11.0+0.4, 51.46N:02.16E, h0km, mb3.5/2, Error ellipse: s-maj=3.1km s-min=1.9km az=18.9

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SBF Sospel, FINES FINESS Array B, KEV Kevo, AKTO Aktyubinsk.

ISC 08 14:10:11.0+0.4, 51.46N:02.16E, h0km, mb3.5/2, Error ellipse: s-maj=3.1km s-min=1.9km az=18.9

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like YKA Yellowknife Ar, PDAR Pinedale Array, PDAR Pinedale Array.

ISC 08 14:10:11.0+0.4, 51.46N:02.16E, h0km, mb3.5/2, Error ellipse: s-maj=3.1km s-min=1.9km az=18.9

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PVCP Virac, FITZ Fitzroy Court, WRA Warramunga Arr, WB2 Warramunga Arr.

ISC 08 14:10:11.0+0.4, 51.46N:02.16E, h0km, mb3.5/2, Error ellipse: s-maj=3.1km s-min=1.9km az=18.9

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ULN Ulanbaatar, SONM Sogingo Array, MK31 Makanchi Array, MKAR Makanchi Array.

ISC 08 14:10:11.0+0.4, 51.46N:02.16E, h0km, mb3.5/2, Error ellipse: s-maj=3.1km s-min=1.9km az=18.9

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, KURK Kurchatov, KURK Kurchatov, BVAR Borovoye Array.

ISC 08 14:10:11.0+0.4, 51.46N:02.16E, h0km, mb3.5/2, Error ellipse: s-maj=3.1km s-min=1.9km az=18.9

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ARCES ARCES Array B, DDA 08 14:15:59.0+0.4, 35.32N:04.26E, h94km, 7km, Error ellipse: s-maj=6.5km s-min=4.5km az=141.5

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SWA1, SWA2, GLL, JALALAH, etc.

IDC 08 14:17:30.7-0.6, 41.95N-45.95E, h0km, mb3.8/11, mb1 3.9/14, mb1mx3.8/26, mbtmp3.9/14, ML3.9/2, MS3.0/5, Ms1 3.0/5, ms1mx2.6/40, Error ellipse: s-maj=19.6km s-min=7.4km az=125.0

TIF 08 14:17:32.8, 42.00N-46.08E, h10km, mb4.5/4, Error ellipse: s-maj=6.0km s-min=4.5km az=95.7

NSSP 08 14:17:33.2, 41.80N-46.03E, h10km, Ms4.0, CSEM 08 14:17:33.2, 41.94N-46.14E, h15km, mb4.2/6, ML4.0, Error ellipse: s-maj=4.4km s-min=3.5km az=148.0

ISCJ/B 08 14:17:34.7-0.6, 42.06N-02.46E, h18E-0.2, h32km, 5km, mb3.8/14, MS3.0/4, Error ellipse: s-maj=3.1km s-min=2.2km az=43.6

NNC 08 14:17:34.6-5.0, 41.97N-46.51E, h7km, 52km, mb3.8, Error ellipse: s-maj=52.7km s-min=37.8km az=102.0

NEIC 08 14:17:37.0-0.9, 42.01N-46.11E, h9km, 10km, mb4.1/5, Error ellipse: s-maj=12.1km s-min=7.1km az=160.0

ISC 08 14:17:34.2-0.3, 42.02N-0.01E, h43E-0.02, h15km, 2km, n194, e1946/287, mb3.8/14, MS3.0/4, 43C-35D, Eastern

Main table for Caucasus region with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like BTLR, GNBR, ARKR, etc.

Main table for 200 APR region with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like VADZ, MTKZ, BRDA, etc.

Main table for 8d 14h region with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ABKAR, MMAL, AKASG, etc.

ISCJ/B 08 14:20:52.5-3.0, 20.11S-0.05E, 168.64E-0.06, h37km, mb4.8/35, MS3.8/2, Error ellipse: s-maj=8.8km s-min=6.3km az=40.4

MOS 08 14:20:52.1-1.1, 20.21S-168.59E, h33km, mb5.0/6, Error ellipse: s-maj=15.6km s-min=11.4km az=174.0

NEIC 08 14:20:54.0-0.3, 20.15S-168.59E, mb4.9/13, Error ellipse: s-maj=8.7km s-min=7.8km az=144.0

SZGRF 08 14:20:55.9, 19.53S-168.96E, h36km, Vanuatu Islands

IDC 08 14:20:56.2-3.1, 20.18S-168.57E, h53km, 27km, mb4.5/15,

mb1 4.6/16, mb1mx4.6/19, mbtmp4.5/16, ML4.3/1, MS3.9/4, Ms1 3.9/4, ms1mx3.4/27, Error ellipse: s-maj=19.0km s-min=14.1km az=150.0

ISC 08 14:20:54.3-0.3, 20112S-0.05:168.68E-0.06, h39km, h39kmz1.3km, p-P, P, 16, 16, 099/92, 76/4, mb3/5, MS3.8/2, 5C-1D, Loyalty Islands

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

Table with columns: BILL, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Lists seismic stations under the BILL heading.

WEL 08 14:26:38.0-0.6, 37.595S-175.81E, h278km, 6km, ML3.5/10, 1D, Error ellipse: s-maj=13.9km s-min=8.9km az=90.0,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Lists seismic stations under the WEL heading.

ISC/JCB 08 14:31:37.9-2.9, 19.96S-106.168E, 0.07, h5km, 17km, mb4.7/33, MS3.9/6, Error ellipse: s-maj=13.4km

IDC 08 14:31:38.5-0.7, 19.98S-168.76E, h0km, mb4.5/12, mb1 4.6/13, mb1mx4.5/18, mbtmp4.5/13, ML3.5/1, MS4.0/8, Ms1 4.0/8, ms1mx3.7/27, Error ellipse: s-maj=22.6km s-min=17.8km az=130.0

NOU 08 14:31:38.5-1.9, 20.71S-169.51E, h10km, MD3.1, ML3.1 SZGRF 08 14:31:42.4, 20.39S-169.79E, h41km, Vanuatu Islands NEIC 08 14:31:44.1, 0.3, 20.01S-168.71E, h35km, mb4.9/11, Error ellipse: s-maj=12.7km s-min=7.8km az=137.0

GCMT 08 14:31:44.1, 0.4, 19.97S-168.37E, h27km, MW5.0/52, Moment Tensor Solution. s29, c33; s52, c74; Duration: 0 Moment tensor: Scale 10^16N; Mr, 3.45e26; Mw=0.67e26; Mw=2.78e17; Mw=0.02e29; Mw=0.94e10; Mw=2.98e26; Best double couple: M4.43100e1016

NP1=330.00000; s25=0.00000; 3.70.00000; NP2: g1=172.00000; g2=0.00000; g3=0.00000; Principal axes: T 0.6860, P167.0000, Az=93.0000; N - 0.4730, P19.0000; Azm348.0000; P - 4.1960, P1g21.0000; Azm255.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

MOS 08 14:31:45.2, 1.5, 19.44S-168.27E, h33km, mb4.9/9, Error ellipse: s-maj=14.8km s-min=14.2km az=16.4

ISC 08 14:31:39.8-3.5, 19.97S-106.168E, 0.07, h7km, 20km, n129, s116/70, mb4.7/33, MS3.9/6, 4C, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Lists seismic stations under the ISC heading.

Table with columns: HNR, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Lists seismic stations under the HNR heading.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Lists seismic stations under the MDJ heading.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Lists seismic stations under the YAK heading.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes entries like ZALV Zalesovo Beam, ARCES ARCESS Array B, and various other stations.

IDC 08 14:45:00.9, 0.9, 20.86N, 120.10E, h0km, mb3.5/7, m1 3.7/7, mb1mx3.6/21, mbtmp3.5/7, Error ellipse: s-maj=69.9km s-min=17.9km az=65.0

NEIC 08 14:45:02.0, 0.5, 20.84N, 120.05E, h10km, Error ellipse: s-maj=14.9km s-min=7.4km az=91.0

ISCJB 08 14:45:04.0, 0.7, 20.83N, 120.07E, h20km, mb3.4/7, Error ellipse: s-maj=20.8km s-min=10.2km az=1.8

ISC 08 14:45:06.0, 0.7, 20.88N, 120.10E, h35km, n12, 0.654/12, mb3.4/7, Philippine Islands region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes entries like TWG Pinang, TPUB Ta-pu, YULB Yu-li, and others.

IDC 08 14:54:22.4, 3.6, 36.45N, 70.79E, h188km, 33km, mb4.3/7, mb1 3.5/12, mb1mx1.3/28, mbtmp3.4/12, Error ellipse: s-maj=26.0km s-min=19.9km az=38.0

ISCJB 08 14:54:24.0, 0.7, 36.51N, 0.05, 70.84E, 0.09, h208km, 8km, mb3.6/6, Error ellipse: s-maj=11.5km s-min=5.1km az=153.7

NEIC 08 14:54:25.0, 0.6, 36.55N, 70.89E, h217km, 8km, mb4.6/6, Error ellipse: s-maj=8.7km s-min=4.7m az=56.0

ISC 08 14:54:29.0, 0.7, 36.51N, 0.05, 70.84E, 0.09, h208km, 8km, n50, 0.695/59, mb3.6/6, 2C, Hindu Kush region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes entries like KBL Kabul, KSH Kashi, and others.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes entries like KK31 comp=E, 8.8nm, 0.5s, baz=188, slow=23, SNR=16 and others.

IDC 08 14:56:25.1, 1.3, 35.34N, 81.35E, h0km, mb3.4/5, mb1 3.6/9, mb1mx3.5/27, mbtmp3.5/9, ML3.6/3, MS3.1/2, Ms1 3.1/2, ms1mx2.3/39, Error ellipse: s-maj=26.3km s-min=12.1km az=59.0

NEIC 08 14:56:27.0, 0.9, 35.41N, 81.34E, h10km, mb3.4/1, Error ellipse: s-maj=17.0km s-min=12.6km az=53.0

BJJ 08 14:56:37.4, 36.1, 2.2, 36.1, 110.0, ML3.8/8, Error ellipse: s-maj=14.5km s-min=7.4km az=110.0

ISC 08 14:57:27.8, 3.8, 35.44N, 0.07, 81.48E, 0.10, h12km, 26km, n18, 1.1509/21, mb3.6/6, Southern Xinjiang

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes entries like KSH Kashi, KSH KSH, and others.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes entries like AAK Ala-Archa, MK31 Makanchi Array, and others.

IDC 08 14:58:11.1, 1.0, 2.2, 27.5, 99.29E, h0km, mb4.1/13, mb1 4.2/14, mb1mx1.4/24, mbtmp4.1/14, ML3.3/1, MS3.5/1, Ms1 3.7/1, ms1mx2.5/27, Error ellipse: s-maj=43.1km s-min=14.5km az=56.0

ISCJB 08 14:58:13.9, 1.2, 2.2, 27.5, 99.29E, 0.07, h35km, 10km, mb3.4/15, Error ellipse: s-maj=15.3km s-min=5.6km az=140.7

DJA 08 14:58:15.2, 2.2, 27.5, 99.29E, h67km, MLv4.1/6, Error ellipse: s-maj=16.0km s-min=8.7km az=57.0

ISC 08 14:58:14.9, 1.6, 2.2, 27.5, 99.29E, 0.06, h266.0km, h266km, n35, 0.888/38, mb4.3/15, 1C, Southern Sumatra

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes entries like SISI Saibi, SISI SISI, and others.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes entries like GSI Gunungsitoli, GSI GSI, and others.

ISK 08 15:04:28.0, 3.5, 35.98N, 27.11E, h5km, MD3.3, CSEM 08 15:04:30.7, 1.0, 35.38N, 27.55E, h2km, MD3.0, Error ellipse: s-maj=29.5km s-min=9.2km az=141.0

NEIC 08 15:04:33.1, 3.5, 52N, 27.43E, h21km, MD3.0(A)H, After ATH

DDA 08 15:04:33.6, 3.5, 51N, 27.87E, h4km, MD3.0, ATH 08 15:04:33.1, 3.5, 52N, 27.43E, h21km, 2km, MD3.0/4

ISC 08 15:03:31.4, 1.1, 3.35, 36N, 0.07, 27.55E, 0.06, h0km, 7km, n24, 1.1509/39, Decadence Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes entries like KARP Karpathos, KARP KARP, and others.

MAN 08 15:06:41, 13.51N, 121.24E, h6km, mb4.5, ML3.3, MS3.2, 1C-2D, Mindoro

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes entries like PGP Puerto Galera, BOAC Boac, and others.

SKHL 08 15:11:18.6, 0.9, 48.10N, 155.70E, h96km, 10km, mb5.2/5, mbv6.1/2, ms4.2/3, msh6.0/3, msha6.1/4

DJA 08 15:11:19.0, 1.5, 15N, 158.12E, h128km, mb4.6/3, Error ellipse: s-maj=11.2km s-min=7.4km az=159.5

BJJ 08 15:11:21.3, 48.12N, 155.02E, h56km, mb4.8/27, mb4.6/39, Ms4.4/29, Ms7.4/29

MOS 08 15:11:22.1, 0.4, 48.34N, 154.78E, h43km, mb4.9/28, Error ellipse: s-maj=9.4km s-min=6.2km az=84.7

NEIC 08 15:11:23.3, 3.8, 48.31N, 154.70E, h36km, 5km, mb4.8/80, Error ellipse: s-maj=5.5km s-min=2.8km az=155.0

8d 15h

2008 APR

SZGRF 08 15:11:26.2, 48.92N, 155.73E, h33km, mb4.8, Kuril

ISC Islands, Russia
ISC 08 15:11:24.2, 0.4, 48.28N, 0.03, 154.74E, 0.03, h42km, 4km,
h40km, 1.0km, pP-P, n590, c0970/609, mb4.7/121, MS4.1/26,
166C-178D, Kuril Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Includes stations like Severo-Kuril's, Petropavlovsk, Kuril'sk, etc.

Table with columns: Station Name, Time, Residual. Includes stations like ASAJ, JKK2, JJS, JCH, JFR, JAB, JNK, etc.

Table with columns: Station Name, Time, Residual. Includes stations like TNA, TIXI, BJI, HHC, ULN, etc.

8d 15h

Table with 11 columns: Call Sign, Name, Frequency, Power, Class, and SNR. Rows include stations like Willow Creek R, Troy Canyon, Hardwick Ranch, Bates Ranch, etc.

2008 APR

Table with 11 columns: Call Sign, Name, Frequency, Power, Class, and SNR. Rows include stations like Cedar Creek Ra, Hualapai Mount, Big Chuck Mt, North Rim, etc.

304

Table with 11 columns: Call Sign, Name, Frequency, Power, Class, and SNR. Rows include stations like Albuquerque, ANMO, ANMO Albuquerque, Nine Sixteen R, etc.

PDG	Podgorica	3.91	31	Pn	Pn	17 21 01.1	-0.3	JAVS	JAVS	eSn	Sn	17 23 10.5	+7.3	PRU	Pruhonice	10.95	353	Pn	Pn	17 22 36.9	-1.1		
PDG				eSn	Sn	17 21 46.9	-0.1	JAVS	Javornik	7.00	346	ePn	Pn	17 21 45.4	+1.5	HNF	Hinterfeld	11.16	324	eP	Pn	17 22 44.3	+3.4
TTG	Podgorica	3.91	31	Pn	Pn	17 21 01.1	-0.3	JAVS	Vamos	7.17	119	eP	Pn	17 21 48.4	-1.2	HNF	Hinterfeld	11.16	324	eSn	Pn	17 22 37.3	-8.0
AGU	L'Aquila	4.00	325	P	Pn	17 21 46.9	-0.1	GVD	Gavdhos	7.42	123	ePn	Pn	17 23 07.2	-6.5	HNF		comp-Z,5.3nm,0.7s				17 22 44.3	
AGU	L'Aquila	4.00	325	P	Pn	17 21 46.9	-0.1	GVD	Gavdhos	7.42	123	ePn	Pn	17 21 48.4	-1.3	HNF						17 24 37.3	-8.0
AGU	L'Aquila	4.00	325	ePn	Pn	17 21 06.0	+3.4	BZS	Buzias	7.51	290	P	Pn	17 21 49.7	-1.1	DPC	Dobruska-Polom	11.22	359	AMS	AMS	17 22 50.0	
AGU	L'Aquila	4.00	325	ePn	Pn	17 21 06.0	+3.4	BZS	Obir	7.52	350	P	Pn	17 21 51.5	+0.6	KWP	Kalwaria Pacia	11.39	21	eP	Pn	17 22 48.3	+4.2
AGU	L'Aquila	4.00	325	P	Pn	17 21 04.4	+0.4	OBKA	Obir	7.52	350	P	Pn	17 21 16.7	+0.7	KWP		comp-Z,1.5nm,1.0s				17 22 48.3	+4.2
BRY	Bratogost	4.07	221	P	Pn	17 21 52.1	+1.0	ALN	Alexandroupoli	7.53	73	P	Pn	17 21 50.1	-1.1	KWP	Kalwaria Pacia	11.39	21	eP	Pn	17 22 42.1	-2.4
BRY				eSn	Sn	17 21 52.1	+1.0	ALN	Alexandroupoli	7.53	73	P	Pn	17 21 50.1	-1.1	CDP	Champ du Feu	11.43	327	ePn	Pn	17 22 48.1	
BRY	Florina	4.09	65	ePn	Pn	17 21 04.6	+0.7	SOKA	Sabatth	7.63	352	P	Pn	17 21 51.8	-0.7	CDP						17 22 42.1	-2.4
FNA				eSn	Sn	17 21 05.0	+0.5	SOKA	Sabatth	7.63	352	P	Pn	17 21 51.8	-0.7	CDP						17 22 42.1	-2.4
EVY	Evrytica	4.13	91	eP	Pn	17 21 05.0	+0.5	SOKA	Sabatth	7.63	352	P	Pn	17 21 51.8	-0.7	CDP						17 22 42.1	-2.4
NKY	Niksic	4.14	261	P	Pn	17 21 04.3	-0.3	IDI	Anoyia	7.70	117	P	Pn	17 21 51.8	-0.7	CDP						17 22 42.1	-2.4
NKY				eSn	Sn	17 21 04.3	-0.3	IDI	Anoyia	7.70	117	P	Pn	17 21 51.8	-0.7	CDP						17 22 42.1	-2.4
NKY	Niksic	4.14	261	P	Pn	17 21 04.3	-0.3	IDI	Anoyia	7.70	117	P	Pn	17 21 51.8	-0.7	CDP						17 22 42.1	-2.4
NKY				eSn	Sn	17 21 04.3	-0.3	IDI	Anoyia	7.70	117	P	Pn	17 21 51.8	-0.7	CDP						17 22 42.1	-2.4
BIA	Bitola	4.15	61	ePn	Pn	17 21 05.7	+1.0	IDI	Anoyia	7.70	117	P	Pn	17 21 51.8	-0.7	CDP						17 22 42.1	-2.4
BIA	Bitola	4.15	61	ePn	Pn	17 21 05.7	+1.0	IDI	Anoyia	7.70	117	P	Pn	17 21 51.8	-0.7	CDP						17 22 42.1	-2.4
KRUS	Krusevo	4.26	57	ePn	Pn	17 21 54.0	-1.8	GZR	Gura Zlata	7.80	35	P	Pn	17 21 55.0	+0.2	HAU	Haudompre	11.53	324	eSn	Sn	17 24 45.7	-8.7
KRUS				eSn	Sn	17 21 54.0	-1.8	GZR	Gura Zlata	7.80	35	P	Pn	17 21 55.0	+0.2	HAU		comp-Z,3.2nm,0.4s				17 22 54.8	+2.1
KRUS	Krusevo	4.26	57	ePn	Pn	17 21 05.1	-1.2	GZR	Gura Zlata	7.80	35	P	Pn	17 21 55.0	+0.2	MOX	Moxa	12.03	345	ePn	Pn	17 22 54.8	+2.1
KRUS				eSn	Sn	17 21 05.1	-1.2	GZR	Gura Zlata	7.80	35	P	Pn	17 21 55.0	+0.2	MOX		comp-Z,400nm,15.0s				17 22 54.8	+2.1
THL	Klokotos Trika	4.29	82	P	Pn	17 21 07.0	+0.3	ARSA	Arzberg	8.15	355	P	Pn	17 21 59.7	0.0	CLL	Collim	12.43	350	eP	Pn	17 23 01.0	+2.8
THL				ePn	Pn	17 21 07.0	+0.3	ARSA	Arzberg	8.15	355	P	Pn	17 21 59.7	0.0	CLL		comp-Z,500nm,17.0s				17 23 01.0	+2.8
THL	Klokotos Trika	4.29	82	P	Pn	17 21 07.0	+0.3	ARSA	Arzberg	8.15	355	P	Pn	17 21 59.7	0.0	CLL						17 23 01.0	+2.8
PVY	Plav	4.35	36	ePn	Pn	17 21 07.8	+0.1	ABTA	Abfaltersbach	8.16	340	P	Pn	17 22 00.6	+0.8	CLL						17 23 01.0	+2.8
PVY				eSn	Sn	17 21 07.8	+0.1	ABTA	Abfaltersbach	8.16	340	P	Pn	17 22 00.6	+0.8	CLL						17 23 01.0	+2.8
LAKA	Lakka	4.37	100	P	Pn	17 21 08.4	+0.6	NPS	Neapolis	8.22	115	eP	Pn	17 22 00.0	-0.7	BRTR	Keskin Array B	13.26	82	P	Pn	17 23 10.3	+0.7
LAKA				ePn	Pn	17 21 08.4	+0.6	NPS	Neapolis	8.22	115	eP	Pn	17 22 00.0	-0.7	BRTR		comp-Z,0.1nm,0.3s,baz=264,slow=12,SNR=19				17 23 10.3	+0.7
LAKA	Lakka	4.37	100	P	Pn	17 21 08.4	+0.6	SBF	Sospel	8.29	308	ePn	Pn	17 21 59.4	-2.2	BRTR	Keskin Array B	13.26	82	P	Pn	17 23 10.3	+0.7
UPM	Unac-Piva	4.46	231	P	Pn	17 22 01.1	+0.5	SBF	Sospel	8.29	308	ePn	Pn	17 21 59.4	-2.2	BRS	Prodromos	14.06	102	eP	Pn	17 23 16.0	-4.6
UPM				eSn	Sn	17 22 01.1	+0.5	SBF	Sospel	8.29	308	ePn	Pn	17 21 59.4	-2.2	BRS		comp-Z,8.0nm,0.6s				17 23 29.3	+1.1
UPM	Unac-Piva	4.46	231	P	Pn	17 22 01.1	+0.5	SBF	Sospel	8.29	308	ePn	Pn	17 21 59.4	-2.2	BRS						17 23 29.3	+1.1
UPM				eSn	Sn	17 22 01.1	+0.5	SBF	Sospel	8.29	308	ePn	Pn	17 21 59.4	-2.2	BRS						17 23 29.3	+1.1
KALE	Kalitheia	4.46	98	P	Pn	17 22 01.2	+0.5	CONA	Conrad Observa	8.81	357	P	Pn	17 22 07.6	-1.1	KIEV	Kiev	14.63	34	P	Pn	17 23 29.3	+1.1
KALE				ePn	Pn	17 22 01.2	+0.5	CONA	Conrad Observa	8.81	357	P	Pn	17 22 07.6	-1.1	KIEV		comp-Z,7.0nm,1.0s				17 23 29.3	+1.1
KALE	Kalitheia	4.46	98	P	Pn	17 22 01.2	+0.5	CONA	Conrad Observa	8.81	357	P	Pn	17 22 07.6	-1.1	KIEV						17 23 29.3	+1.1
KALE				ePn	Pn	17 22 01.2	+0.5	CONA	Conrad Observa	8.81	357	P	Pn	17 22 07.6	-1.1	KIEV						17 23 29.3	+1.1
AGG	Agios Georgios	4.53	89	P	Pn	17 21 10.7	+0.7	MOA	Mollin	8.87	350	P	Pn	17 22 12.0	+2.0	AKAS	Main Array Be	16.44	34	P	Pn	17 23 28.6	+0.2
AGG				ePn	Pn	17 21 10.7	+0.7	MOA	Mollin	8.87	350	P	Pn	17 22 12.0	+2.0	AKAS		comp-Z,0.25nm,0.3s,baz=12,SNR=3.4				17 23 28.6	+0.2
AGG	Agios Georgios	4.53	89	P	Pn	17 21 10.7	+0.7	MOA	Mollin	8.87	350	P	Pn	17 22 12.0	+2.0	AKAS						17 23 28.6	+0.2
AGG				ePn	Pn	17 21 10.7	+0.7	MOA	Mollin	8.87	350	P	Pn	17 22 12.0	+2.0	AKAS						17 23 28.6	+0.2
BEY	Berane	4.54	331	P	Pn	17 22 02.0	-0.4	DRGR	Drgr	8.90	29	P	Pn	17 22 10.9	+0.5	MMAI	Mout Meron Ar	16.44	106	P	Pn	17 23 47.8	-4.2
BEY				eSn	Sn	17 22 02.0	-0.4	DRGR	Drgr	8.90	29	P	Pn	17 22 10.9	+0.5	MMAI		comp-Z,2.3nm,0.3s,baz=319,slow=10.0,SNR=12				17 32 30.9	
BEY	Berane	4.54	331	P	Pn	17 22 02.0	-0.4	DRGR	Drgr	8.90	29	P	Pn	17 22 10.9	+0.5	MMAI						17 32 30.9	
BEY				eSn	Sn	17 22 02.0	-0.4	DRGR	Drgr	8.90	29	P	Pn	17 22 10.9	+0.5	MMAI						17 32 30.9	
IVA	Berane	4.54	331	P	Pn	17 22 02.0	-0.4	DRGR	Drgr	8.90	29	P	Pn	17 22 10.9	+0.5	MMAI						17 32 30.9	
IVA				ePn	Pn	17 22 02.0	-0.4	DRGR	Drgr	8.90	29	P	Pn	17 22 10.9	+0.5	MMAI						17 32 30.9	
ITM	Ithomi	4.69	113	ePn	Pn	17 21 11.5	+0.7	FETA	Feichten	8.95	334	P	Pn	17 22 11.9	+1.2	ANN	Anapa	16.55	63	eP	Pn	17 23 52.6	-0.8
ITM				ePn	Pn	17 21 11.5	+0.7	FETA	Feichten	8.95	334	P	Pn	17 22 11.9	+1.2	ANN		comp-Z,5.1nm,18.4s,baz=10.0,slow=46				17 23 52.6	-0.8
ITM	Ithomi	4.69	113	P	Pn	17 21 12.2	0.0	FETA	Feichten	8.95	334	P	Pn	17 22 11.9	+1.2	ANN						17 26 58.0	+1.3
ITM				ePn	Pn	17 21 12.2	0.0	FETA	Feichten	8.95	334	P	Pn	17 22 11.9	+1.2	ANN						17 26 58.0	+1.3
PYL	PYLOS	4.69	117	P	Pn	17 21 11.4	-0.8	TUE	Stuetta	9.03	327	ePn	Pn	17 22 14.3	+2.5	MALT	Malatya	17.12	86	ePn	Pn	17 24 02.6	+1.9
PYL				ePn	Pn	17 21 11.4	-0.8	TUE	Stuetta	9.03	327	ePn	Pn	17 22 14.3	+2.5	MALT		comp-Z,2.5nm,1.3s				17 24 02.6	+1.9
PYL	PYLOS	4.69	117	P	Pn	17 21 11.4	-0.8	TUE	Stuetta	9.03	327	ePn	Pn	17 22 14.3	+2.5	MALT						17 24 02.6	+1.9
PYL				ePn	Pn	17 21 11.4	-0.8	TUE	Stuetta	9.03	327	ePn	Pn	17 22 14.3	+2.5	MALT						17 24 02.6	+1.9
PYL	PYLOS	4.69	117	P	Pn	17 22 06.4	0.0	DAVOS	Davos/Dischmat	9.06	330	P	Pn	17 22 16.0	+3.8	MALT						17 24 02.6	+1.9
PYL				ePn	Pn	17 22 06.4	0.0	DAVOS	Davos/Dischmat	9.06	330	P	Pn	17 22 16.0	+3.8	MALT						17 24 02.6	+1.9
PYL	PYLOS	4.69	117	P	Pn	17 22 06.4	0.0	DAVOS	Davos/Dischmat	9.06	330	P	Pn	17 22 16.0	+3.8	MALT						17 24 02.6	+1.9
PYL				ePn	Pn	17 22 06.4	0.0	DAVOS	Davos/Dischmat	9.06	330	P	Pn	17 22 16.0	+3.8	MALT						17 24 02.6	+1.9
SKO	Skopje	4.71	51	ePn	Pn	17 21 11.7	+0.7	PSZ	Piszkesteto	9.12	14	P	Pn	17 22 13.8	+0.7	MALT						17 24 02.6	+1.9
SKO				ePn	Pn	17 21 11.7	+0.7	PSZ	Piszkesteto	9.12	14	P	Pn	17 22 13.8	+0.7	MALT						17 24 02.6	+1.9
SKO	Skopje	4.71	51	ePn	Pn	17 21 11.7	+0.7	PSZ	Piszkesteto	9.12	14	P	Pn	17 22 13.8	+0.7	MALT						17 24 02.6	+1.9
SKO				ePn	Pn	17 21 11.7	+0.7	PSZ	Piszkesteto	9.12	14	P	Pn	17 22 13.8	+0.7	MALT						17 24 02.6	

2008 APR

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like G16A Moss Hill, E18A Harlowton, F17A Fitzpatrick Pl, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like NOA NORRAR Array B, NOA NOA, V17A Tonalea, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like 627A Terlingua Ranc, 628A Black Gap, PRU Pruhonice, etc.

218A	Dragon	87.47	53	UP	P	22 46 53.8 +0.8
I06A	Prineville	87.53	39	UP	P	22 46 53.2 +0.2
F04A	Ambo	87.55	36	UP	P	22 46 52.7 -0.3
L08A	Fields	87.57	41	UP	P	22 46 53.2 0.0
O10A	Cortez Mining	87.59	43	UP	P	22 46 53.4 0.0
U14A	Mt Trumbull	87.60	48	UP	P	22 46 54.2 +0.7
P11A	Circle Ranch	87.64	44	UP	P	22 46 53.6 0.0
VIPM	Ingram Point	87.65	38	UP	P	22 46 53.6 0.0
R12A	Pony Springs	87.69	46	UP	P	22 46 54.1 +0.1
NLWA	Neilton Lookou	87.72	35	UP	P	22 46 53.8 -0.1
NLWA	Neilton Lookou	87.72	35	UP	P	22 46 54.4 +0.6
319A	Douglas	87.72	54	UP	P	22 46 55.2 +0.9
X16A	Lo Mia Camp	87.73	51	UP	P	22 46 54.8 +0.6
S13A	Holt Ranch, En	87.77	47	UP	P	22 46 54.7 +0.4
Y17A	Roosevelt	87.78	51	UP	P	22 46 55.0 +0.6
118A	Homack Ranch	87.86	53	UP	P	22 46 55.6 +0.7
TDL	Tradelodier LA	87.92	36	UP	P	22 46 55.3 +0.5
H06A	Lindquist Farm	87.95	38	UP	P	22 46 54.7 -0.2
V15A	Kaibab Natona	87.96	49	UP	P	22 46 55.7 +0.4
T14A	Hurricane	88.01	48	UP	P	22 46 55.6 +0.2
I07A	Ize	88.02	39	UP	P	22 46 55.3 0.0
W16A	Flagstaff	88.02	50	UP	P	22 46 56.2 +0.6
O11A	Cowboy Ranch	88.03	44	UP	P	22 46 55.3 -0.1
R13A	O'Grain Ranch	88.03	46	UP	P	22 46 55.9 +0.3
219A	White Tail Can	88.05	54	UP	P	22 46 56.4 +0.6
PLCA	Paso Flores	88.07	134	eP	pmx	22 46 57.0 +1.2
PLCA	comp=Z,3.0nm,0.6s	88.07	134	P	pmx	22 46 57.0 +1.1
PLCA	Paso Flores	88.07	134	eP	P	22 46 57.0 +1.2
G06A	Carlson Farm	88.09	38	UP	P	22 46 55.2 -0.4
J08A	Circle Bar Ran	88.19	40	UP	P	22 46 55.9 -0.2
U15A	North Rim	88.21	48	UP	P	22 46 56.9 +0.5
320A	Kipp Ranch, An	88.26	54	UP	P	22 46 57.7 +0.9
M10A	IL Ranch, Tu	88.27	42	UP	P	22 46 57.0 +0.4
H07A	Lands Inn, Kim	88.30	39	UP	P	22 46 56.3 -0.2
Y18A	Canyon Day Jun	88.40	52	UP	P	22 46 58.1 +0.7
119A	Ashpeak Ranch	88.41	53	UP	P	22 46 58.1 +0.7
Q13A	Wheeler Ranch	88.42	46	UP	P	22 46 57.3 0.0
T15A	Red Dirt Ranch	88.46	48	UP	P	22 46 57.9 +0.3
WPW	White Pass	88.50	36	UP	P	22 46 57.4 0.0
220A	Playas Peak, P	88.54	54	UP	P	22 46 59.2 +1.1
D05A	Enumclaw	88.57	35	UP	P	22 46 57.8 0.0
J09A	Fry Pan Ranch	88.60	40	UP	P	22 46 57.9 -0.1
L10A	Juniper Basin	88.63	42	UP	P	22 46 58.2 0.0
M11A	Holland Ranch	88.68	43	UP	P	22 46 58.8 +0.3
P13A	Bates Ranch, G	88.70	45	UP	P	22 46 58.7 +0.1
H08A	Prairie City	88.76	39	UP	P	22 46 58.5 -0.2
120A	U Bar Ranch, L	88.79	53	UP	P	22 46 59.8 +0.6
K10A	MacKenzie Ranc	88.80	41	UP	P	22 46 59.0 0.0
V17A	Tonale, Kykot	88.81	50	UP	P	22 46 59.3 +0.1
N12A	Clover Valley	88.82	44	UP	P	22 46 58.9 -0.3
X18A	Snowflake	88.84	51	UP	P	22 46 59.9 +0.5
U16A	Tuba City	88.85	49	UP	P	22 46 59.7 +0.3
XAN	Xi'an	88.87	308	P	pP	22 47 00.5 +1.0
XAN					pP	22 48 52.0 -1.7
XAN	comp=Z,1.0nm,0.9s,mb3,6				pmx	
Q14A	Sevier Lake (B	88.92	46	UP	P	22 46 59.8 +0.1
I09A	Lost Warbles R	88.98	40	UP	P	22 46 59.4 -0.3
T16A	Glen Canyon Da	89.03	48	UP	P	22 47 00.5 +0.3
Y19A	Nutrio	89.05	52	UP	P	22 47 00.9 +0.6
G08A	Pilot Rock	89.06	38	UP	P	22 46 59.9 -0.2
Z20A	Nine Sixteen R	89.10	53	UP	P	22 47 01.3 +0.7
L11A	Cat Creek Ranc	89.12	42	UP	P	22 47 00.4 -0.1
221A	Mesquite Ranch	89.15	54	UP	P	22 47 01.6 +0.8
D06A	Eli Eium	89.19	36	UP	P	22 47 00.4 -0.2
M12A	Wells	89.22	43	UP	P	22 47 00.7 -0.3
KMI	Kumming	89.28	298	P	pmx	22 47 02.8 +1.2
K11A	Parker Ranch	89.30	42	UP	P	22 47 01.2 0.0
E07A	Sunnyside	89.33	37	UP	P	22 47 01.4 +0.1
N13A	Wendover, West	89.35	44	UP	P	22 47 01.4 -0.2
MSU	Marysval	89.39	47	UP	P	22 47 01.7 -0.1
MSU	Marysval	89.39	47	UP	P	22 47 01.7 -0.2
121A	Cookes Peak, D	89.40	54	UP	P	22 47 02.5 +0.5
H09A	Durkee	89.43	39	UP	P	22 47 01.6 -0.3
CMAR	Chian Mai Arr	89.45	290	PKKPbc	PKKPbc	23 04 34.2 +0.1
F08A	Pendleton	89.47	38	UP	P	22 47 01.5 -0.5
T17A	Navajo Res., N	89.52	49	UP	P	22 47 02.6 +0.1
L12A	House Creek R	89.56	43	UP	P	22 47 02.4 -0.1
Y20A	Horse Springs	89.65	52	UP	P	22 47 03.8 +0.7
222A	Williams Famil	89.69	54	UP	P	22 47 03.8 +0.4
ETW	Entiat	89.71	36	UP	P	22 47 02.9 -0.2
G09A	Cove	89.72	39	UP	P	22 47 02.8 -0.4
R16A	Teasdale	89.73	47	UP	P	22 47 03.7 +0.2
MFID	Camas Ranch	89.79	41	UP	P	22 47 03.4 -0.1
S17A	Black Ridge (B	89.85	48	UP	P	22 47 03.7 -0.3
U18A	Rough Rock, Ch	89.87	49	UP	P	22 47 04.6 +0.6

Z21A	St. Cloud Mine	89.87	53	UP	P	22 47 04.8 +0.6
X20A	Quemado	89.88	52	UP	P	22 47 04.8 +0.6
P15A	Leamington	89.89	46	UP	P	22 47 04.4 +0.3
F09A	S2 Ranch, Elgi	89.90	38	UP	P	22 47 03.3 -0.7
K12A	Draper Farm, C	89.91	42	UP	P	22 47 04.0 -0.1
C07A	Waterville	89.91	36	UP	P	22 47 03.4 -0.6
H10A	Noah's Angus R	89.92	40	UP	P	22 47 03.3 -0.8
I11A	Placerville	89.99	41	UP	P	22 47 04.1 -0.4
G10A	Bishop Farm, J	90.11	39	UP	P	22 47 04.3 -0.7
J12A	Stokes Ranch	90.13	42	UP	P	22 47 05.5 +0.4
D08A	Wollman Farm	90.14	37	UP	P	22 47 07.7 -0.4
O15A	The Old Anders	90.15	45	UP	P	22 47 05.6 +0.3
W20A	Ramah	90.17	51	UP	P	22 47 05.9 +0.3
L13A	Double Diamond	90.19	43	UP	P	22 47 05.9 +0.4
Y21A	Point of Rocks	90.21	52	UP	P	22 47 06.2 +0.4
T18A	Mexican Hat	90.23	49	UP	P	22 47 05.6 -0.2
M14A	Sheep Mountain	90.25	44	UP	P	22 47 05.3 -0.4
TNA	Tin City	90.26	5	eP	P	22 47 04.3 -0.8
U19A	Ashgro	90.26	50	UP	P	22 47 06.4 +0.5
R17A	Hanksville Air	90.32	47	UP	P	22 47 06.0 -0.2
X21A	Alacajita Cree	90.34	52	UP	P	22 47 06.8 +0.5
B07A	Winthrop	90.35	35	UP	P	22 47 05.5 -0.5
H11A	Donnelly	90.41	40	UP	P	22 47 05.7 -0.7
K13A	Stover Farm, H	90.42	42	UP	P	22 47 06.7 +0.3
I12A	Atlanta	90.42	41	UP	P	22 47 06.3 -0.1
N15A	Stansbury Isla	90.44	45	UP	P	22 47 06.0 -0.6
F10A	Beach Ranch, E	90.44	38	UP	P	22 47 05.7 -0.8
TMUT	Trail Mountain	90.45	46	eP	P	22 47 07.3 +0.6
D09A	Jones Farm, Ri	90.48	37	UP	P	22 47 05.9 -0.8
A07A	Ashola River	90.57	35	UP	P	22 47 06.4 -0.6
324A	Moseley Ranch	90.58	56	UP	P	22 47 07.5 0.0
L14A	Malta	90.60	43	UP	P	22 47 07.2 -0.2
HHC	Hu-ho-hao-te	90.62	315	eP	P	22 47 08.4 +0.9
HHC				pP	pP	22 49 02.1 +0.2
HHC				sP	sP	22 50 55.0 +2.9
HHC				SKS	S	22 57 19.2 +0.1
HHC				sS	sS	23 00 40.9 -2.7
HHC	comp=Z,17nm,0.6s,mb5,2			pmx	pmx	
HHC	comp=Z,150nm,5.0s			pmx	pmx	
425A	Indio Mountain	90.65	56	UP	P	22 47 08.0 +0.2
T19A	Bealobito	90.66	49	UP	P	22 47 08.4 +0.6
G11A	Wenters Elk Ra	90.66	39	UP	P	22 47 06.8 -0.8
B08A	Colville Reser	90.70	36	UP	P	22 47 06.6 -1.1
HLID	Hailey	90.72	42	UP	P	22 47 07.8 -0.1
HLID	Hailey	90.72	42	eP	P	22 47 07.4 -0.5
626A	Big Bend Ranch	90.72	58	UP	P	22 47 08.5 +0.3
O16A	Springville	90.73	46	UP	P	22 47 08.2 +0.2
W21A	San Fidel	90.77	52	UP	P	22 47 08.9 +0.6
J13A	Cove Ranch, Pi	90.78	42	UP	P	22 47 08.3 +0.2
MNTX	Cornudas Moun	90.78	55	eP	P	22 47 08.2 -0.2
U20A	Newcomb	90.78	50	UP	P	22 47 08.3 0.0
TRF	Thorofare Moun	90.78	13	eP	P	22 47 05.6 -2.1
M15A	Larsen Ranch	90.80	44	UP	P	22 47 07.9 -0.4
SRU	San Rafael	90.81	47	eP	pmx	22 47 08.4 0.0
SRU	comp=Z,14nm,1.0s,mb4,8			pmx	pmx	
SRU	San Rafael	90.81	47	UP	P	22 47 08.3 0.0
SRU	San Rafael	90.81	47	eP	P	22 47 08.4 0.0
P17A	Butcher Ranch	90.85	47	UP	P	22 47 08.3 -0.3
224A	Corundas Mount	90.86	55	UP	P	22 47 09.2 +0.5
R18A	Canyonlands Na	90.86	48	UP	P	22 47 08.5 -0.1
K14A	Jones Ranch, D	90.92	43	UP	P	22 47 08.7 -0.1
C09A	Christman Ranch	90.94	37	UP	P	22 47 08.3 -0.5
TXAR	Lajitas Array	90.98	58	P	P	22 47 09.2 -0.2
TXAR	comp=Z,6.2nm,0.7s,mb4,6,baz=214,slow=6.5,SNR=93			PKKPbc	PKKPbc	23 04 31.1 +0.3
526A	Mary Lane Ranch	90.99	57	UP	P	22 47 09.5 0.0
H12A	Diamond D Ranc	91.01	41	UP	P	22 47 08.6 -0.5
D10A	Wagner Farm, O	91.05	38	UP	P	22 47 08.4 -0.9
G12A	Big Creek, Yel	91.06	40	UP	P	22 47 09.0 -0.3
Q18A	Rafter H Ranch	91.06	47	UP	P	22 47 09.1 -0.4
A08A	Turner Farm, O	91.10	35	UP	P	22 47 08.7 -0.7
V21A	Milroy	91.12	51	UP	P	22 47 10.2 +0.3
L15A	Malad City	91.12	44	UP	P	22 47 09.2 -0.6
J14A	Carey	91.13	42	UP	P	22 47 10.0 +0.3
N16A	Rees Ranch, Co	91.14	45	UP	P	22 47 10.1 +0.3
CD2	Chengdu	91.16	304	eP	P	22 47 09.9 -0.3
CD2				pP	pP	22 49 03.8 -0.8
CD2				eP	eP	22 49 54.3 -2.4
CD2	comp=Z,10.0nm,0.9s,mb4,8			pmx	pmx	
CD2	comp=Z,30nm,8.6s			pmx	pmx	
O17A	Robinson Place	91.23	46	UP	P	22 47 10.7 +0.4
R19A	Curley Farm, L	91.24	48	UP	P	22 47 10.4 0.0
E11A	Boyer Ranch	91.24	39	UP	P	22 47 09.4 -0.8
627A	Terlingua Ranc	91.25	58	UP	P	22 47 10.7 +0.1
P18A	Pregon Nutter	91.26	47	UP	P	22 47 10.3 -0.1
426A	McDonald Obser	91.32	57	UP	P	22 47 10.9 0.0
H13A	Challis	91.37	41	UP	P	22 47 10.4 -0.5
B09A	Rice	91.38	36	UP	P	22 47 09.8 -0.9
225A	Deer Hill, Car	91.39	55	UP	P	22 47 11.7 +0.4

K15A	Arbon	91.40	43	UP	P	22 47 10.7 -0.3
527A	Woodward Ranch	91.40	57	UP	P	22 47 11.2 -0.1
F12A	Elk City	91.45	39	UP	P	22 47 10.4 -0.7
ANMO	Albuquerque	91.54	52	eP	pmx	22 47 11.3 -0.6
ANMO	comp=Z,3.0nm,0.9s			pmx	pmx	
ANMO	Albuquerque	91.54	52	eP	P	22 47 11.3 -0.6
N17A	Moffitt Pass	91.55	45	UP	P	22 47 11.9 +0.2
E12A						

0.7nm,0.5s,mb3.6,baz=60,slow=8.1,SNR=3.1
STKA Stephens Creek 29.24 196 eP P
MBWA Marble Bar 34.76 238 eP P

IDC 08 23:43:21.7z,1.2,23.105s:66.14W,h211km,mb3.6/3.6,
mb1 3.6/10,mb1mx3.5/10,mbtmp3.5/10,Error ellipse:
s-maj=17.9km s-min=14.4km az=79.0

ISCJB 08 23:43:22.1z,0.7,23.095s:05.66z:27W:0.09,h230km,9km,
mb3.5/7,Error ellipse: s-maj=13.9km s-min=8.7km
az=177.6

NEIC 08 23:43:23.2z,0.7,23.025s:66.18W,h223km,9km,mb4.3/1,
Error ellipse: s-maj=12.5km s-min=9.2km az=78.0

GUC 08 23:43:24.9z,1.1,22.735s:66.79W,h256km,15km,ML4.6

ISC 08 23:43:23.2z,0.8,23.025s:06.66z:26W:0.09,h221km,9km,
n21,c1502/25,mb3.5/7,2C,Jujuj Province

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Limon Verde, Plate Boundary, Mejillones, La Paz, etc.

IDC 08 23:51:54.0z,8.1,39.35Ns:143.30E,h0km,mb3.4/4,
mb1 3.5/4,mb1mx3.3/22,mbtmp3.4/4,Error ellipse:
s-maj=279.7km s-min=29.5km az=63.0

ISCJB 08 23:52:06.7z,0.9,38.96N:0.05z:141.8E:0.1,h69km,5km,
mb3.3/4,Error ellipse: s-maj=14.6km s-min=6.3km
az=19.2

JMA 08 23:52:08.0z,3.88:89N:141.67E,h65km,1km,M3.4

Broadband fault plane solution: P waves. NP1:
e=50.00000°,d=43.00000°,l=106.00000°. NP2:
e=209.00000°,d=49.00000°,l=76.00000°. Principal axes: T
Plg79.00000°,Az=54.00000°,N Plg11.00000°.
Az=218.00000°,P Plg3.00000°,Az=309.00000°;

JMA Felt J1.
ISC 08 23:52:07.6z,0.9,38.87N:0.04z:141.7E:0.1,h63km,5km,
n15,c057/24,mb3.2/4,5C-1D,Near east coast of
eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Ofunato, Ichinoseki, Ouri, etc.

NEIC 08 23:52:16.2z,38.13S:176.07E,h317km,MG4.0(WEL),
After WEL

WEL 08 23:52:15.0z,0.5,37.53S:176.08E,h278km,5km,ML3.9/12,
3D,Error ellipse: s-maj=9.0km s-min=8.9km az=90.0,
North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Urewera, Matawai, Black Stump Fm, etc.

Table with columns: WAZ, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Wanganui, Pukenui, etc.

IDC 08 23:53:26.9z,0.7,11.35N:85.21W,h182km,43km,M3.3/3,
mb1 3.6/3,mb1mx3.1/20,mbtmp3.3/3,Error ellipse:
s-maj=87.2km s-min=43.0km az=178.0

ISCJB 08 23:53:27.6z,0.7,11.22N:0.08z:85.21W:0.1,h177km,5km,
mb3.6/3,Error ellipse: s-maj=20.8km s-min=4.3km
az=142.5

CASC 08 23:53:27.4z,1.7,11.26N:85.59W,h177km,5km,MD3.5,
ML2.3

ISC 08 23:53:27.4z,0.6,11.24N:0.08z:85.6W:0.1,h181km,4km,
n44,c069/57,mb3.6/3,7C-1D,Nicaragua

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like San Juan del S, Concepcion, etc.

IDC 08 23:53:27.4z,0.6,11.24N:0.08z:85.6W:0.1,h181km,4km,
n44,c069/57,mb3.6/3,7C-1D,Nicaragua

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Bering, Krutoberegovo, etc.

Table with columns: BZGR, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Sorokina, Klyuchi, etc.

KRSC 09 00:02:38.5z,1.2,50.67N:158.18E,h10km,10km,ML3.6,

East of Kuril Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Russkaya, Petropavlovsk, etc.

NSSP 09 00:25:44.2z,41.40N:46.80E,h5km,M3.2

TIF 09 00:25:46.1z,41.43N:46.83E,h10km

CSEM 09 00:25:47.8z,0.2,41.40N:46.90E,h8km,mb4.0,Error

ellipse: s-maj=5.9km s-min=4.7km az=124.0

MOS 09 00:25:47.0z,1.3,41.22N:46.90E,h19km,mb4.0/1,Error

ellipse: s-maj=28.9km s-min=16.4km az=74.5

ISC 09 00:25:48.3z,0.7,41.39N:0.02z:46.90E:0.03,h9km,5km,
n36,c117/65,7C-16D,Eastern Caucasus

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Kasumkent, Gunib, etc.

ISC 09 00:25:48.3z,0.7,41.39N:0.02z:46.90E:0.03,h9km,5km,
n36,c117/65,7C-16D,Eastern Caucasus

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Shushi, Delisi, etc.

Table with columns: ID, Name, Az, El, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation. Includes stations like M11A, H16A, L12A, etc.

Table with columns: ID, Name, Az, El, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation. Includes stations like G06A, D09A, A12A, etc.

Table with columns: ID, Name, Az, El, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation. Includes stations like PPI, GSI, CMAR, etc.

ISC 09 00:51:40.5:0.7, 4.86N:118.72E, h0km, mb4.2/1, mb1.4, 3/1, mb1mx4.1/21, mbtmp4.2/11, MS3.6/9, MS1.3, 6/9, ms1mx3.3/25, Error ellipse: s-maj=40.6km s-min=13.7km az=65.0

BUI 09 00:51:43.0:4.80N:118.70E, h27km, mb5.0/3, mb4.5/5, MS4.4/2

ISCJB 09 00:51:44.0:6.4, 4.94N:103.118, 81E:0.03, h42km, 5km, mb4.3/1, MS3.6/9, Error ellipse: s-maj=6.1km s-min=4.6km az=147.5

NEIC 09 00:51:44.4:3.1, 4.84N:118.71E, h28km, 22km, mb4.5/17, Error ellipse: s-maj=10.4km s-min=4.1km az=57.0

DJA 09 00:51:46.5:0.1N:118.76E, h29km, mb4.9/13

ISC 09 00:51:46.8:0.4, 4.95N:103.118, 77E:0.03, h44km, 4km, n78, t=192/78, mb4.3/31, MS3.6/9, TC-1D, Borneo

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation. Includes stations like MYLDM, TSM, SDKM, etc.

ISCJB 09 01:22:45.0:5.7, 70.78N:0.04:7.27W:0.09, h10km, Error ellipse: s-maj=6.2km s-min=4.2km az=11.2

CSEM 09 01:22:49.9:0.4, 70.88N:7.36W, h10km, ML3.1, Error ellipse: s-maj=12.0km s-min=6.5km az=11.0

NEIC 09 01:22:47.6:7.0, 89N:7.35W, h0km, ML2.9(BER), After BER

BER 09 01:22:48.5:1.8, 70.93N:7.46W, h10km, MD3.3, ML3.1

REY 09 01:22:49.9:0.5, 70.95N:9.05W, h10km, ML3.2, ML3.5

ISC 09 01:22:46.9:0.5, 70.87N:0.05:7.35W:0.08, h10km, n31, t=193/46, 9D, Jan Mayen Island region

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation. Includes stations like JNE, JMW, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like West Tongariro, Ngauruhoe, and various other volcanic sites.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Nanjuaung, TWY, TWV, and various other volcanic sites.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Siquique, BAVU, IMOV, and various other volcanic sites.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Heping Village, ENA, TWC, and various other volcanic sites.

GUC 09 03:12:35.6±0.7, 347.865±72.34W, h28km, 7km, MD3.6, ML3.2-4C, Near coast of central Chile.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like LNV, CACH, CHCH, and various other volcanic sites.

ROM 09 04:14:35.6±0.1, 37.72N±15.19E, h3km, 1km, Md3.1/36, M3.3/37, Error ellipse: s-maj=1.6km s-min=1.1km az=121.0.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Serrra La Nave, ESLSN, MMME, and various other volcanic sites.

ISCJB 09 03:38:28.1±1.9, 3°9'S±0.4°K, 100°5'E±0.5, h33km, mb3.8/9, Error ellipse: s-maj=89.6km s-min=15.8km az=140.5.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WRA, ASAR, SKA, and various other volcanic sites.

ISCJB 09 03:53:39.6±0.5, 6°78'N±0°05'73"00W±0°06'1171km±5km, mb3.8/9, Error ellipse: s-maj=11.8km s-min=6.1km.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WRA, ASAR, SKA, and various other volcanic sites.

NEIC 09 04:14:35.6±0.7, 37.72N±15.19E, h3km, ML3.3(ROM), After ROM.

NEIC Felt at Acireale and Giarre. ISCJB 09 04:14:36.3±0.2, 37.74N±0°02'15"14E±0°03'h15km±3km, Error ellipse: s-maj=3.9km s-min=2.4km az=31.0.

CSEM 09 04:14:36.5±0.1, 37.74N±15.17E, h10km, ML4.0/13, Error ellipse: s-maj=3.4km s-min=2.1km az=127.0.

ISC 09 04:14:37.0±0.2, 37.74N±0°02'15"15E±0°03'h13km±3km, n90, ±9101/124, 2C-14D, Sicily.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Serrra La Nave, ESLSN, MMME, and various other volcanic sites.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAFF, HMDC, SLNA, RESU, CSLSB, GIB, IFIL, ACL, IACI, JOPP, ALJA, PLAC, FAVR, CORL, GRI, CARO, SERS, TIP, MGR, SCHR, MTSN, MCEL, CDUR, CRAC, LTRZ, SAR1, TGTI, PEI.

ISCJB 09 04:18:00.42.3.26:6N.0:1:54:75E:0.05,h0km,13km, Error ellipse: s-maj=19.9km s-min=7.1km az=3.8 CSEM 09 04:18:03.0.0.26:72N:54:77E,h2km,ML3.5, Error ellipse: s-maj=21.4km s-min=8.8km az=175.0 TEH 09 04:18:06.6.26:84N:54:76E,h14km ISC 09 04:18:03.0.2.3.26:7N:0:1:54:77E:0.05,h3km,12km,n21,r1502.26,Southern LR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BNDS, IBND, GHIR, ISRV, IMEH, IBAF, ICHK, KFJUS, IZEF, ASYS.

DJA 09 04:21:10.3:36N:128:25E,h94km,MLV4.5/7 ISCJB 09 04:21:11.8:1.7:2.96N:0:10:128:21E:0:07,h61km,16km, mb3.8/8, Error ellipse: s-maj=16.7km s-min=11.3km az=24.5 IDC 09 04:21:14.3:10.0:2:87N:128:21E,h64km,104km,mb3.5/7, mb1 3.6/7, mb1mx3.5/7, mbtmpt3.5/7, Error ellipse: s-maj=105.3km s-min=22.5km az=68.0 NEIC 09 04:21:16.3:6.1:2:84N:128:18E,h86km,58km,mb4.1/1, Error ellipse: s-maj=56.3km s-min=12.7km az=68.0 ISC 09 04:21:14.7:1.7:2.96N:0:1:128:21E:0:09,h69km,15km, n19,r0:51/21,mb3.8/7,1D,Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TNE, TNTI, LBMI, MNI, SWI, DAV, LUWI, APSI, KDI, FITZ, WRA, WB2, ASAR, STKA, SONM, MKAR, ZALV, TORD.

ISCJB 09 04:25:25.9:0.4:46:59N:0:02:10:66E:0:03,h10km,7km, Error ellipse: s-maj=3.9km s-min=3.2km az=152.9 ZUR 09 04:25:26.4:0.2:46:60N:10:62E,h11km,1km,ML1.9/4, VIE 09 04:25:26.4:0.2:46:60N:10:69E,h10km,1km,mb1.6/5, ML2.2/10, Error ellipse: s-maj=1.4km s-min=1.3km az=84.0 8 km WSW of Silandro ROM 09 04:25:26.4:0.2:46:59N:10:62E,h10km,2km,Md2.1/9, M11.9/4, Error ellipse: s-maj=3.0km s-min=1.7km az=157.0 CSEM 09 04:25:26.2:0.1:46:60N:10:65E,h12km,ML2.7/9, Error ellipse: s-maj=1.4km s-min=1.0km az=154.0 PRU 09 04:25:27.7:46:62N:10:69E,h0km ISC 09 04:25:26.4:0.4:46:59N:0:02:10:65E:0:03,h13km,6km, n24,r0:51/63,13C-7D,Northern Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BRMO, FUORN, APPI, FETA, BERNI, MABI, DAVOX, SOTA, MOTA, MAGA, VDL, CTI, TUE, WATA, ABTA, KHC.

ISCJB 09 04:25:36.2:2.0:17:1S:0:1:174:5W:0:2,h83km,21km, mb4.1/3, Error ellipse: s-maj=29.2km s-min=14.7km az=37.7 IDC 09 04:25:37.2:3.0:17:29S:174:32W,h86km,27km,mb4.1/8, mb1 4.3/9, mb1mx4.0/19, mbtmpt4.1/9, MS3.4/2, Ms1 3.4/2, ms1mx2.9/20, Error ellipse: s-maj=32.1km s-min=16.5km az=11.0 NEIC 09 04:25:37.1:1.4:17:34S:174:27W,h98km,12km,mb4.5/6, Error ellipse: s-maj=19.8km s-min=9.2km az=137.0 ISC 09 04:25:36.9:1.8:17:2S:0:1:174:4W:0:2,h80km,19km,n27,r0:56/19,13,Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFIA, AFI.

ISCJB 09 05:03:40.7:0.6:24:32N:0:02:122:15E:0:02,h5km,4km, Error ellipse: s-maj=3.8km s-min=2.9km az=153.7 TAP 09 05:03:42.0:24:34N:122:03E,h20km,ML3.1,C JMA 09 05:03:41.0:24:34N:122:11E,h47km,M2.5 ISC 09 05:03:41.0:24:33N:0:02:122:13E:0:02,h11km,3km, n31,r0:58/458,1C-1D,Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URZ, CTA, CTAO, COEN, STKA, WRAB, WRA, ASAR, GUMO, FITZ, PETK, MCK, PDR, COLA, JTS, MKAR, ARCES, KMB, MALT, BUR08, BRTR, GERES, TORO.

IDC 09 05:01:52.9:2.1:20:68S:168:94E,h0km,mb4.2/5, mb1 4.4/5, mb1mx4.2/12, mbtmpt4.2/5, MS3.6/6, Ms1 3.6/6, ms1mx3.5/15, Error ellipse: s-maj=90.1km s-min=28.3km az=149.0 NEIC 09 05:01:55.7:5.1:20:60S:169:20E,h35km,mb4.3/1, Error ellipse: s-maj=82.7km s-min=21.6km az=95.0 NOIC 09 05:01:55.9:1.1:19:83S:169:35E,h10km,Md2.8,ML3.7 ISCJB 09 05:01:57.6:3.1:20:38S:169:168E:0:1:h32km,21km, mb4.1/6, MS3.6/5, Error ellipse: s-maj=21.9km s-min=8.6km az=37.8 SZGRF 09 05:01:58.3:19:75S:171:38E,h33km, Vanuatu Islands region

ISC 09 05:01:58.2:3.2:20:46S:0:09:168:8E:0:1,h26km,22km, n42,r0:93/23,mb4.1/6,MS3.6/5,Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM, HNR, CTA, CTAO, STKA, WRAB, WRA, ASAR, PPT, FITZ, SONM, VNA3, VNA2, VNA2, NVAR, PLCA, TANN, MOX, IBXN, ROTZ, GERES, UBBA, GRF, BUG, TNS, WLF, BFO, HAU, FLN, LDF, LOR, SSF, GRR, LPG.

Table with columns: TWC, Suao, 0.38 317, Pg, 05 03 49.2 +0.1, etc. Includes stations like TWC, TWD, ILA, TWE, HWA, ENT, etc.

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

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time Res, ISC. Includes stations like JTS, TXAR, PDAR, YKA, etc.

HLW 09 05:35:41.4, 34.62°N-25.57°E, h33km, Mb3.7
CSEM 09 05:35:43.0, 7.34.93N-25.36°E, h26km, 4km, MD3.5, Error ellipse: s-maj=23.9km s-min=5.4km az=179.0

ATH 09 05:35:43.1, 35.00°N-25.32°E, h37km, 4km, MD3.5/8
ISC 09 05:35:39.0, 2.4, 34.60°N, 0.04, 25.40°E, 0.06, h12km, 20km, n33, c0999/39, 1C-3D, Crete

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time Res, ISC. Includes stations like LAST, NPS, IDI, etc.

Table with columns: GLL, Jalalah, 7.33 131, Pn, 05 37 25.3 -0.5, etc. Includes stations like GLL, AMAG, AMAG, etc.

CSEM 09 05:42:06.9, 0.3, 38.89°N-20.54°E, h2km, ML3.8/11, Error ellipse: s-maj=6.8km s-min=4.1km az=67.0

ISCJB 09 05:42:07.3, 0.4, 38.90°N-20.52°E, 0.04, h10km, Error ellipse: s-maj=4.1km s-min=2.6km az=159.9

ATH 09 05:42:07.1, 38.84°N-20.67°E, h5km, 3km, MD3.6/12
ISC 09 05:42:07.2, 0.6, 38.90°N-20.52°E, 0.04, h3km, 4km, n96, c1916/148, Greece

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time Res, ISC. Includes stations like IGT, WLS, VLS, etc.

Table with columns: SOH, Sokhos, 2.91 48, Pn, 05 43 14.1 +6, etc. Includes stations like SOH, SERR, KYTH, etc.

ISK 09 05:45:01.8, 36.97°N-29.25°E, h3km, MD3.1
ISCJB 09 05:45:02.6, 0.5, 36.97°N-29.25°E, 0.03, h4km, 5km, Error ellipse: s-maj=5.0km s-min=4.2km az=169.9

CSEM 09 05:45:02.6, 0.1, 36.98°N-29.26°E, h5km, MD3.1, Error ellipse: s-maj=3.2km s-min=2.7km az=6.0

DDA 09 05:45:03.8, 37.08°N-29.21°E, h7km, 4km, MD2.9
ISC 09 05:45:03.1, 0.5, 36.97°N-29.23°E, 0.03, h9km, 4km, n41, c074/57, Turkey

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time Res, ISC. Includes stations like GLHS, FETH, TURN, etc.

ISK 09 05:49:21.5, 36.97°N-29.24°E, h8km, MD2.9
ISCJB 09 05:49:22.0, 0.6, 36.97°N-29.25°E, 0.05, h4km, 8km, Error ellipse: s-maj=6.9km s-min=5.2km az=21.8

CSEM 09 05:49:22.0, 0.2, 36.98°N-29.25°E, h5km, MD2.9, Error ellipse: s-maj=3.6km s-min=3.4km az=26.0

DDA 09 05:49:23.7, 37.07°N-29.18°E, h7km, 3km, MD2.8
ISC 09 05:49:22.4, 0.6, 36.97°N-29.23°E, 0.05, h7km, 7km, n24, c0965/38, Turkey

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time Res, ISC. Includes stations like GLHS, FETH, TURN, etc.

ISC 09 06:01:08.9, 1.1, 7.30°N-73.04°W, h159km, 23km, mb2.8/1, mb1 2.9g, mb1mx2.7/22, mbtmp2.7/3, Error ellipse: s-maj=67.1km s-min=7.8km az=132.0, Northern Colombia

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time Res, ISC. Includes stations like ROSC, SDV, YKA, etc.

ISK 09 06:10:51.5, 38.75°N-29.51°E, h5km, MD2.6

Table with columns: OHR, KNT, KND, KRUS, etc. and rows listing station names, coordinates, and status.

IDC 09 09:45:13.8,3.9,5.02S;144.20E,h0km,mb3.77, mb1.3/3,mb1mx4.1/18,mbtmp3.7/8,ML3.2/1,MS3.1/1, MS1.3/1,ms1mx2.6/21,Error ellipse: s-maj=127.1km s-min=22.7km az=105.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. and rows listing station names and their associated data.

IDC 09 10:04:49.1,2.0,2.82S;128.31E,h0km,mb3.4/2, mb1.3/7,mb1mx3.5/14,mbtmp3.4/3,ML3.4/1,Error ellipse: s-maj=141.6km s-min=25.6km az=68.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. and rows listing station names and their associated data.

IDC 09 10:13:50.3,0.7,58.74N;0.05:154.9W;0.1,h141km,7km, mb3.9/3,Error ellipse: s-maj=11.8km s-min=6.7km az=175.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. and rows listing station names and their associated data.

0.4nm,0.6s,mb3.5,baz=27,slo=9.7,SNR=2.6

IDC 09 10:23:16.2,0.7,15.38S;173.17W,h0km,mb4.0/9, mb1.4/2,mb1mx4.1/18,mbtmp4.0/9,Error ellipse: s-maj=37.3km s-min=16.0km az=135.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. and rows listing station names and their associated data.

GUC 09 10:28:44.7,0.7,30.94S;71.44W,h50km,MD3.9,ML3.4, 1C,Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. and rows listing station names and their associated data.

BUJ 09 10:38:38.2,8.6,89S;105.11E,h45km,mb5.2/2,mb4.8/4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. and rows listing station names and their associated data.

IDC 10 03:39:49.8,1.7,45S;0.08:104.89E;0.08,h44km,8km, h45km,2.1km;pp-P,n6.0,+111/57,mb4.5/26,MS3.3/3, 1C-ID, Southwest of Sumatera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. and rows listing station names and their associated data.

IDC 09 10:13:50.3,0.7,58.74N;0.05:154.9W;0.1,h132km,2.8km, n35,+071/41,mb3.9/3,1D,Alaska Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. and rows listing station names and their associated data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. and rows listing station names and their associated data.

IDC 09 10:43:59.0,1.6,6.82S;104.36E,h0km,mb3.8/7, mb1.3/7,mb1mx3.8/19,mbtmp3.8/7,Error ellipse: s-maj=75.7km s-min=18.7km az=47.0

DJA 09 10:44:07.8,1.6,6.6S;102.174E;0.1,h74km,13km, mb3.8/7,Error ellipse: s-maj=28.5km s-min=12.1km az=28.5

ISC 09 10:44:09.0,1.5,6.6S;102.104E;0.1,h66km,13km,n21, r125/15,mb3.8/7,Sunda Strait

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. and rows listing station names and their associated data.

ISCJB 09 11:03:09.0,6.17,43N;0.04:61.83W;0.05,h63km,5km, mb3.2/3,Error ellipse: s-maj=9.5km s-min=3.7km az=140.0

TRN 09 11:03:09.2,17.47N;61.82W,h51km,MD3.8,MS.8(BDF) IDC 09 11:03:11.0,17.31N;61.186W,h66km,18km,mb2.8/3, mb1.3/4,mb1mx3.2/23,mbtmp3.1/2,Error ellipse: s-maj=26.4km s-min=10.4km az=33.0

NEIC 09 11:03:11.0,17.37N;61.90W,h49km,MD3.8(TRN),After TRN

ISC 09 10:10:39.0,6.17,44N;0.04:61.81W;0.05,h54km,5km, n37,+094/55,mb3.2/3,1D,Leeward Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. and rows listing station names and their associated data.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Includes stations like FCV, GRW, MOUNT SAINT CA, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Includes stations like GRF, BUG, TNS, TNS, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Includes stations like comp=N,40um,7.7s, LASS, NOUMEA, etc.

ISCJ 09 11:04:30.7,0.6,20.29S;168.85E,h0km,mb4.6/11, mb1.4/7.13,mb1mx4.7/17,mbtmp4.6/13,ML4.1/2, Error ellipse: s-maj=21.1km s-min=18.4km az=142.0

ISCJ 09 11:04:31.4,1.4,20.36S;168.79E;0.06,h13km,gkm, mb4.7/24, Error ellipse: s-maj=12.6km s-min=5.3km az=44.3

ISCJ 09 11:04:31.3,1.7,20.09S;168.78E,h10km,MD2.8,ML4.2 LDG 09 11:04:33.1,0.3,19.97S;168.40E,h10km,MB5.2/2, Error ellipse: s-maj=28.3km s-min=4.5km az=121.0

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

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Includes stations like THEF, HNF, HAU, TUE, etc.

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

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Includes stations like HNR, URZ, RMQ, AFI, etc.

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

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

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

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

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

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Includes stations like CMB, MSA, TOO, STKA, etc.

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

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

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

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

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

Table with columns: KAKA, Kakadu, 35.67 276 eP, P, 11 20 15.4 -0.4, comp=Z,79nm,1.2s,mb5.5

Table with columns: TPUB, Ta-pu, 63.88 310 eP, P, 11 23 49.7 -0.7, comp=Z,96nm,1.4s,mb5.6

Table with columns: PET, PET, eSS, SS, 11 39 00.0 -1.5, comp=Z,50nm,1.4s,mb5.2

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like D11A Klaveano Farm, L14A Malta, NEW Newport, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like BSMT Bassoo Peak, U20A Newcomb, MCMT McKenzie Canyo, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like YMR Madison River, A14A Madrone Ranch, C15A Salmond Ranch, etc.

9d 11h

Table with columns: Name, Date/Time, Status, and various codes. Includes entries like ATAB Bozova, AKCD Akcaday, SVSK Karacayir, etc.

Table with columns: Name, Date/Time, Status, and various codes. Includes entries like MUD Monsted U'grnd, MUD Monsted U'grnd, MUD Monsted U'grnd, etc.

Table with columns: Name, Date/Time, Status, and various codes. Includes entries like NRDL Niedersach Rie, EDI Edinburg, SRS Serral, etc.

s-min=10.6km az=169.0
 LDG 09 11:23:36.6,0.2,19.94S:168.59E,h10km,Mb6.1/4,Error ellipse: s-maj=19.1km s-min=3.8km az=124.0
 ISCJB 09 11:23:37.6,1.7,20.15S:0.03:168.93E:0.0,3,h27km,12km,Mb6.1/56,MS6.1/40,Error ellipse: s-maj=5.6km s-min=4.0km az=175.2
 MOS 09 11:23:38.8,0.9,20.13S:168.89E,h33km,mb6.0/50,MS6.1/5,Error ellipse: s-maj=9.1km s-min=8.2km az=147.3
 SZGRF 09 11:23:39.7,19.80S:170.88E,h33km,Vanuatu Islands
 BUJ 09 11:23:39.4,20.07S:169.56E,h55km,mb6.2/35,mb5.4/46,MS6.2/46,MS7.5.0/44
 GCMT 09 11:23:40.3,0.1,20.26S:168.63E,h32km,MW6.3/115, Moment Tensor Solution, s107.c189; s115.c397; Duration: 3s4 Moment tensor: Scale 1019Nm; Mn:2.97e-04; Mo:0.41e-03; Me:2.56e-03; Mo:0.33e-05; Mw:1.16e-02; Mr:1.58e-04; Best double couple: Mc3.42300x1018 NP1:0.331.00000; d31.00000; 7.80.00000; NP2:0.162.00000; d59.00000; 7.96.00000; Principal axes: T 3.3900,Plg75.0000; Azm8.0000; N 0.0710,Plg5.0000; Azm339.0000; P -3.4570,Plg14.0000; Azm248.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s
 NEIC 09 11:23:40.4,0.1,20.19S:168.91E,h35km,mb5.7/121,MW6.3 Error ellipse: s-maj=5.0km s-min=4.1km az=154.0
 DJA 09 11:23:41.20.34S:168.92E,h30km,Mw6.4/14
 ISC 09 11:23:42.2,0.1,20.18S:0.03:168.97E:0.0,3,h51km,9km,h46km,3.5km;pP,n1145,e05677/41,mb5.6/156,MS6.1/40,249C-224D,Loyalty Islands

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
DZM	Mont Dzumac	3.01	231	Op	IN	11 24 21.2	-6.2
DZM	Sumt, 1.1s				SC		
DZM	313μm,23.8s			eLR	LR	11 25 03.2	
DZM	Mont Dzumac	3.01	231	eP	Pn	11 24 21.2	-6.2
DZM	Mont Dzumac	3.01	231	iP	Pn	11 24 21.2	-6.2
DZM	Mont Dzumac	3.01	231	ePn	Pn	11 24 20.5	-6.9
DZM	Mont Dzumac	3.01	231	eSn	Sn	11 24 55.3	-7.0
DZM	LASL	3.04	228	eP	Sn	11 24 21.4	-6.5
LASL	Port Laguerre	3.13	232	eP	Sn	11 24 52.7	-10
NOUC				eS	Pn	11 24 24.5	-4.8
NOUC				eS	Pn	11 25 00.1	-5.2
HNR	Honiara	13.79	320	Pn	Pn	11 26 54.7	-0.3
HNR	comp=Z,42μm,18.8s,baz=140,slow=31			LR	LR	11 30 46.5	
HNR	Honiara	13.79	320	ePn	Pn	11 26 56.8	+1.8
OZU	Omahuta	15.53	166	ePn	Pn	11 27 18.1	+0.4
OZU	690nm,1.8s						
EIDS	Eidsvold	17.28	249	ePn	Pn	11 27 37.9	-2.0
EIDS	Eidsvold	17.28	249	ePn	Pn	11 27 38.3	-1.5
EIDS	953nm,2.3s						
ARMA	Armidade	18.67	234	eP	Sn	11 27 56.2	-0.7
ARMA	Armidade	18.67	234	eS	Pn	11 31 37.8	+1.2
ARMA	Armidade	18.67	234	ePn	Pn	11 27 54.6	-2.3
HIZ	Hauti	18.97	166	PN	Pn	11 28 00.2	-0.1
URZ	Urewera	19.35	160	P	Pn	11 28 04.2	-0.7
URZ	1.1nm,0.3s,baz=12,slow=8,SNR=17			LR	LR	11 34 31.3	
URZ	comp=Z,82μm,18.5s,baz=349,slow=34						
URZ	Urewera	19.35	160	eP	Pn	11 28 04.3	-0.6
AFI	Afiatalu	19.43	74	eP	Pn	11 28 03.5	-2.6
AFI	comp=Z,269nm,1.1s			pmax	pmax		
AFI	Afiatalu	19.43	74	P	Pn	11 28 04.0	-2.1
AFI	comp=Z,1.1nm,0.3s,baz=196,slow=5.3,SNR=9.6			LR	LR	11 34 13.7	
AFI	comp=Z,72μm,18.0s,baz=260,slow=33			ScP	ScP	11 36 01.5	+5.2
AFI	Afiatalu	19.43	74	eP	Pn	11 28 03.5	-2.5
AFI	comp=Z,0.6nm,0.3s,baz=201,slow=8.6,SNR=3.9						
MWZ	Matawai	19.55	160	PN	Pn	11 28 07.6	+0.3
PUZ	Puketitii	19.57	158	P	Pn	11 28 07.5	0.0
PUZ	Puketitii	19.57	158	P	Pn	11 28 07.3	-0.1
BKZ	Black Stump Fm	20.00	163	P	P	11 28 11.3	+0.8
BKZ	Black Stump Fm	20.00	163	PN	Pn	11 28 12.1	+1.6
TSZ	Takapari Road	20.70	165	PN	Pn	11 28 19.2	+1.1
TSZ	Takapari Road	20.70	165	PN	Pn	11 28 19.2	+1.1
RIV	Riverview	20.85	226	eP	P	11 28 21.0	+1.3
PXZ	Pawanui	20.91	163	PN	Pn	11 28 20.7	+0.3
CTA	Charters Tower	21.32	266	P	P	11 28 24.6	-0.4
CTA	Charters Tower	21.32	266	eP	P	11 32 45.4	+6.4
CTA	Charters Tower	21.32	266	eP	P	11 28 27.3	+2.3
CTA	comp=Z,102nm,0.8s,mb5.2			eS	S	11 32 25.0	+6.0
CTA	Charters Tower	21.32	266	P	P	11 28 24.6	-0.4
CTA	comp=Z,137nm,0.8s,mb5.4,baz=92,slow=12,SNR=42			S	S	11 32 25.4	+6.3
CTA	comp=Z,1.9nm,0.3s,baz=268,slow=23,SNR=6.7			LR	LR	11 35 48.9	
CTA	Charters Tower	21.32	266	eP	Pn	11 28 25.0	0.0
CTA	comp=Z,47μm,21.8s,MS6.8,baz=87,slow=34						
CTA	Charters Tower	21.32	266	eP	Pn	11 28 25.0	0.0
CTA	comp=Z,191nm,0.9s,mb5.4						
CTA	Charters Tower	21.32	266	eP	P	11 28 25.0	0.0
DSZ	Dennistown	21.63	174	PN	Pn	11 28 32.8	+4.7
TARA	Tarawa	21.75	11	eP	P	11 28 30.6	+1.0
TARA	comp=Z,257nm,0.9s,mb5.7						
THZ	Topohouse	22.17	172	P	P	11 28 30.1	+0.6
THZ	Topohouse	22.17	172	PN	Pn	11 28 29.9	+0.4
KHZ	Kahutara	22.50	171	eP	P	11 28 38.0	+0.8
LTZ	Lake Taylor	22.70	174	PN	Pn	11 28 41.0	+1.6
WVZ	Watahau Valley	22.87	177	PN	Pn	11 28 42.6	+1.4
CNB	Canberra Magne	22.92	225	eP	P	11 28 41.9	+0.1
CAN	Canberra	23.16	225	eP	P	11 28 49.3	-1.1
CAN	comp=Z,351nm,1.2s,mb5.7						
CAN	Canberra	23.16	225	eP	P	11 28 43.3	-1.1
FOZ	Fox Glacier	23.23	179	eP	P	11 28 45.9	+0.1
RPZ	Rata Peaks	23.53	176	P	P	11 28 48.4	+0.7
RPZ	comp=Z,20nm,0.8s,mb4.6,baz=12,slow=4.6,SNR=7.5						
RPZ	Rata Peaks	23.53	176	eP	Pn	11 36 46.4	
RPZ	Rata Peaks	23.53	176	eP	Pn	11 28 47.7	0.0
RPZ	Rata Peaks	23.53	176	PN	Pn	11 28 48.5	+0.8
ODZ	Otauhu Downs	24.83	177	eP	P	11 28 59.7	+0.1
COEN	Coen	25.40	280	eP	P	11 29 05.1	0.0
COEN	comp=Z,1μm,1.2s,mb6.3			eS	S	11 33 41.6	+1.3
COEN	Tuapeka	25.71	179	PN	Pn	11 29 08.5	+1.0
TOO	Tootaling	26.77	225	eP	P	11 29 16.2	-0.5
STKA	Stevens Creek	27.13	239	eP	P	11 29 19.1	-1.5
STKA	Stevens Creek	27.13	239	eP	P	11 29 19.8	-0.8
STKA	comp=Z,77nm,1.0s,mb5.2						
STKA	Stevens Creek	27.13	239	eP	Pn	11 39 39.0	
STKA	comp=Z,58μm,18.3s,MS6.2,baz=65,slow=7.5,SNR=22			LR	LR	11 39 39.0	
STKA	Stevens Creek	27.13	239	eP	P	11 29 19.9	-0.7
STKA	comp=Z,136nm,2.0s,mb5.1			ePcP	PcP	11 32 44.0	+3.7
MOO	Moorlands	28.80	215	eP	P	11 29 40.0	+4.7
RAR	Rarotonga	29.24	98	LR	LR	11 38 32.2	
RAR	comp=Z,210nm,1.0s,MS6.0,baz=260,slow=31						
WB2	Warramunga Arr	32.48	264	eP	P	11 30 05.5	-2.5
WB2	Warramunga Arr	32.48	264	eP	P	11 36 39.9	+5.9
WRAB	Tennant Creek	32.48	264	P	P	11 30 05.0	-3.1
WRAB	Tennant Creek	32.48	264	eP	P	11 30 05.0	-3.1
WRAB	Tennant Creek	32.48	264	eP	P	11 30 05.4	-2.6
WRAB	comp=Z,386nm,1.1s,mb6.2,SNR=29						
WRA	Warramunga Arr	32.49	264	P	P	11 30 05.7	-2.4
WRA	Warramunga Arr	32.49	264	P	P	11 35 18.5	-1.3
WRA	Warramunga Arr	32.49	264	P	P	11 30 05.7	-2.5
WRA	comp=Z,35nm,0.9s,mb5.2,baz=90,slow=8.4,SNR=98			S	S	11 35 18.5	-1.3
WRA	comp=Z,2.1nm,1.1s,baz=94,slow=13,SNR=4.5			ScP	ScP	11 36 39.6	+5.6
WRA	comp=Z,11nm,1.2s,baz=93,slow=3.7,SNR=11			LR	LR	11 43 19.4	
WRA	comp=Z,41μm,18.8s,MS6.2,baz=100,slow=36						

ASAR	Alice Springs	32.66	257	P	P	11 30 07.3	-2.2
ASAR	comp=Z,102nm,0.7s,mb5.9,baz=86,slow=8.3,SNR=105			ScP	ScP	11 36 39.5	+5.1
KAKA	Kakadu	35.75	276	eP	P	11 30 35.9	-0.5
KAKA	comp=Z,5.2nm,1.0s,baz=96,slow=2.1,SNR=4.6						
KAKA	Kakadu	35.75	276	eP	P	11 30 34.4	-2.0
FORT	Forrest	36.22	246	eP	P	11 30 58.0	+0.7
FORT	comp=Z,74nm,0.7s,mb5.8						
FORT	Forrest	36.22	246	eP	P	11 30 57.3	0.0
PAE	Paea	39.23	93	ePcP	PcP	11 33 11.8	-2.5
PAE	comp=Z,292nm,0.7s,mb5.6						
PAE	Paea	39.23	93	eP	P	11 31 05.4	-0.4
PAE	comp=Z,11nm,1.1s			e	P	11 33 11.8	
PAE	comp=Z,19nm,1.2s,mb4.7			pmax	pmax		
PAE	Paea	39.23	93	eP	PcP	11 31 05.4	-0.4
PAE	comp=Z,19nm,1.2s,mb4.7			ePcP	PcP	11 33 11.8	-2.5
PPT	Papeete	39.25	93	eP	P	11 31 05.8	-2.2
PPT	comp=Z,60nm,1.3s,mb5.2			eS	S	11 37 05.9	+0.7
PPT	comp=Z,15μm,25.8s			eLQ	LR	11 40 13.7	
PPT	comp=Z,77μm,31.5s			eLR	LR	11 41 46.1	
PPT	comp=Z,42μm,24.0s,baz=252						
PPT	Papeete	39.25	93	P	P	11 31 06.1	+0.1
TIAR	Tiarei	39.46	93	ePcP	PcP	11 33 12.7	-2.3
TIAR	comp=Z,56nm,1.0s						
TIAR	Tiarei	39.46	93	eP	P	11 31 07.8	0.0
TIAR	comp=Z,77nm,0.9s,mb5.4						
TIAR	Kiritimati	39.66	60	ePcP	PcP	11 33 12.7	-2.3
XMAS	Christmas	39.66	60	P	P	11 31 09.0	-0.5
MEH	Mehetia	40.61	94	eP	P	11 31 17.0	-0.3
FITZ	Fitzroy Crossi	40.90	265	eP	P	11 31 18.2	-1.5
FITZ	comp=Z,339nm,0.9s,mb5.0			eS	S	11 37 25.8	-2.1
FITZ	Fitzroy Crossi	40.90	265	P	P	11 31 18.7	-1.0
FITZ	comp=Z,89nm,1.1s,mb5.4						
FITZ	Fitzroy Crossi	40.90	265	eP	P	11 31 18.7	-1.0
FITZ	comp=Z,178nm,0.9s,mb5.7						
GUMO	Guam	41.09	323	eP	P	11 31 21.5	+0.3
GUMO							

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CD2, HHC, BTO, HIA, LHZ, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WDC, WDC, DEVC, ARVIN, SONMI, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GMRC, SHOC, E03A, G04A, TUQ, etc.

A13A	Flathead Natio	96.58	40	U	P	11 37 06.6 +0.3
F15A	Butte	96.59	44	U	P	11 37 06.8 +0.3
LRM	Limekiln Ridge	96.61	44	U	P	11 37 07.2 +0.7
M18A	Lyman	96.61	48	U	P	11 37 06.7 +0.1
DCIDI	Drake Creek	96.63	46	E	P	11 37 08.2 +1.5
DCIDI1	comp=Z,11nm,1.0s,mb5.2					
BNM	Barren Site	96.65	56	E	P	11 37 25.4 +3.8
BNM	comp=Z,25nm,1.9s,mb5.3					11 37 07.9 +1.0
324A	Noseley Ranch,	96.65	59	U	P	11 37 06.8 -0.3
HVS	Khovu-Aksy	96.65	322eP			11 37 08.2 +1.6
HVS	comp=Z,262nm,1.3s,mb6.5					
R20A	Redvale	96.69	52	U	P	11 37 07.2 +0.1
E15A	Deer Lodge	96.72	43	U	P	11 37 07.9 +1.0
N18A	Larsen Ranch,	96.73	49	U	P	11 37 07.6 +0.4
TPAW	Teton Pass	96.75	46	U	P	11 37 12.2 +5.1
P19A	Cripple Cowboy	96.75	50	U	P	11 37 07.9 +0.6
REDW	Red Top Meadow	96.77	46	E	P	11 37 07.6 +0.3
REDW	comp=Z,15nm,1.4s,mb5.2					
W22A	Albuquerque	96.77	55	U	P	11 41 03.5 +0.4
L18A	Fontenelle, Gr	96.81	48	U	P	11 37 07.3 -0.2
G16A	Moss Hill, Enn	96.81	44	U	P	11 37 07.1 -0.3
MNTX	Corradas Mount	96.81	59	E	P	11 37 08.0 +0.2
MNTX	comp=Z,6.8nm,1.2s,mb5.0					
224A	Corradas Mount	96.83	58	U	P	11 37 07.4 -0.4
425A	Indio Mountain	96.83	60	U	P	11 37 07.5 -0.5
J17A	Brown Place, J	96.86	46	U	P	11 37 07.3 -0.4
J17A	comp=Z,9.7nm,1.8s,mb5.1					
SNOW	Snow King Mount	96.87	46	E	P	11 37 13.1 +5.3
SNOW	comp=Z,15nm,1.4s,mb5.2					
O19A	Miners Draw (B	96.89	50	U	P	11 37 07.9 0.0
IMW	Indian Meadow	96.90	46	U	P	11 37 08.9 +1.0
WALA	Waterton Lakes	96.93	40	E	P	11 37 08.0 +0.1
WALA	comp=Z,0.2nm,0.9s					
S21A	Coal Bank Pass	96.95	53	U	P	11 37 28.2 +5.3
H16A	Russell Place,	96.99	45	U	P	11 37 08.3 0.0
D15A	Lincoln	97.03	42	U	P	11 37 08.0 -0.4
LOHW	Long Hollow	97.03	46	E	P	11 37 09.7 +1.2
LOHW	comp=Z,65nm,2.8s,mb5.6					
325A	Bear Ranch, Si	97.04	59	U	P	11 37 08.8 -0.1
ANMO	Albuquerque	97.05	55	E	P	11 37 09.0 +0.2
ANMO	comp=Z,100nm,3.0s					
ANMO	Albuquerque	97.05	55	E	P	11 37 09.9 +0.2
ANMO	comp=Z,100nm,3.0s					
N19A	John Jarvie Ra	97.06	49	U	P	11 37 08.4 -0.2
N19A	comp=Z,65nm,2.8s,mb5.6					
K18A	Tollan Ranch,	97.06	47	U	P	11 37 08.5 -0.2
BOZ	Bozeman (W)	97.08	44	U	P	11 37 09.5 +0.8
BOZ	comp=Z,44nm,2.5s,mb5.5					
BOZ	Bozeman (W)	97.08	44	E	P	11 37 09.5 +0.8
BOZ	comp=Z,44nm,2.5s,mb5.5					
626A	Big Bend Ranch	97.13	61	U	P	11 37 09.1 -0.1
F16A	Kennard Place,	97.14	44	U	P	11 37 09.1 +0.2
P20A	De Beque	97.14	51	U	P	11 37 09.0 0.0
H17A	Pilgrim Ck.	97.16	46	U	P	11 37 09.1 +0.1
A14A	Double T Ranch	97.19	40	U	P	11 37 09.0 -0.1
C15A	Salmond Ranch,	97.25	42	U	P	11 37 09.1 -0.3
J18A	Kendall Valley	97.28	47	U	P	11 37 09.4 -0.2
M19A	Rock Springs	97.28	49	U	P	11 37 09.9 +0.3
H17A	Grant Village	97.33	45	U	P	11 37 10.8 +1.0
526A	Mary Lane Ranc	97.33	61	U	P	11 37 09.9 -0.3
HRV	Holter Researc	97.34	43	U	P	11 37 10.4 +0.6
L19A	Farson	97.35	48	U	P	11 37 09.7 -0.2
R21A	Cimarron	97.37	52	U	P	11 37 10.3 +0.1
E16A	East Helena	97.38	43	U	P	11 37 10.8 +0.8
T22A	Edith	97.40	53	U	P	11 37 11.0 +0.7
225A	Deer Hill, Car	97.40	59	U	P	11 37 10.7 +0.3
TXAR	Lajitas Array	97.44	62	P		11 37 11.3 +0.6
TXAR	comp=Z,3.1nm,0.9s,mb4.7,baz=234,slo=4.5,SNR=20					
TXAR	comp=Z,0.9nm,0.8s,baz=117,slo=5.3,SNR=7.3					11 53 48.5 0.0
BW06	Boulder Array	97.44	47	U	P	11 37 11.0 +0.7
BW06	comp=Z,4.6nm,0.9s,mb4.9					
PDAR	Pinedale Array	97.44	47	E	P	11 37 10.9 +0.6
PDAR	comp=Z,3.3nm,1.2s,mb4.6,baz=219,slo=3.8,SNR=8.9					11 41 07.0 -1.3
O20A	White River Ci	97.46	50	U	P	11 37 10.8 +0.3
B15A	Bradely Ranch,	97.47	41	U	P	11 37 11.0 +0.6
EFI	East Forkland	97.49	153	E	P	11 37 10.8 +0.3
LKWY	LKwy Lake	97.50	45	E	P	11 37 11.9 +1.3
LKWY	comp=Z,7.0nm,1.1s,mb5.1					
LKWY	comp=Z,6.8nm,1.1s,mb5.1					
Q21A	Lamborn Mesa,	97.51	52	U	P	11 37 11.8 +1.0
INK	Inuvik	97.52	18	E	P	11 37 08.4 -1.7
INK	comp=Z,61nm,1.7s					
INK	Inuvik	97.52	18	E	P	11 37 08.9 -1.2
INK	comp=Z,18nm,1.4s,mb5.4,baz=235,slo=8.0,SNR=16					11 53 45.1 -4.7
INK	comp=Z,1.2nm,1.1s,baz=126,slo=9.3,SNR=5.9					11 37 08.4 -1.7
G17A	Pierce Place,	97.55	45	U	P	11 37 11.6 +0.9
426A	McDonald Obser	97.57	60	U	P	11 37 10.9 -0.4
I18A	Diamond G Ranc	97.59	46	U	P	11 37 12.1 +1.1
A15A	Johnson Ranch,	97.62	41	U	P	11 37 11.4 +0.4
D16A	Dana Ranch, Ca	97.64	43	U	P	11 37 11.4 +0.3
WMQ	Urumqi	97.67	314	E	P	11 37 12.0 +0.6
WMQ	comp=Z,11.0nm,1.4s,mb5.4,baz=235,slo=8.0,SNR=16					11 41 13.0 +3.0
WMQ	comp=Z,11.0nm,1.4s,mb5.4,baz=235,slo=8.0,SNR=16					11 42 27.0 -5.7
WMQ	comp=Z,11.0nm,1.4s,mb5.4,baz=235,slo=8.0,SNR=16					11 55 12.0 -2.3

WMQ	comp=Z,65nm,7.0s					
WMQ	comp=N,3um,21.0s,MS6.0			LR	LR	
WMQ	comp=E,4um,21.0s,MS6.0			LR	LR	
WMQ	comp=Z,5um,22.0s,MS6.0			LR	LR	
N25A	Gardner Draw,	97.71	58	U	P	11 37 11.9 +0.1
627A	Terlingua Ranc	97.71	62	U	P	11 37 11.6 -0.3
527A	Woodward Ranch	97.75	61	U	P	11 37 10.9 -1.2
C16A	Fuhringr Ranch	97.79	42	U	P	11 37 12.1 +0.3
GD12	Guadalupe Moun	97.80	59	E	P	11 37 13.8 +1.6
GD12	comp=Z,2.2nm,0.9s,mb4.7,baz=225,slo=1.4,SNR=2.4					11 41 18.3 +7.0
F17A	Fitzpatrick Pl	97.81	44	U	P	11 37 11.7 -0.2
326A	Caldwell Ranch	97.82	60	U	P	11 37 12.6 +0.2
P21A	Newcastle	97.83	51	U	P	11 37 12.1 -0.1
K19A	Abelson Red Bu	97.95	47	U	P	11 37 12.6 -0.1
226A	Malaga, Lovng	97.96	59	U	P	11 37 13.4 +0.4
M20A	Sweetwater, Wa	97.96	49	U	P	11 37 13.1 +0.3
PLCA	Paso Flores	98.00	139	E	P	11 37 12.7 -0.4
PLCA	comp=Z,4.0nm,0.9s					
PLCA	Paso Flores	98.00	139	E	P	11 37 14.8 +1.7
PLCA	comp=Z,2.2nm,0.9s,mb4.7,baz=225,slo=1.4,SNR=2.4					
PLCA	Paso Flores	98.00	139	E	P	11 37 12.7 -0.4
PLCA	comp=Z,4.5nm,0.9s,mb5.0					
Q22A	Crested Butte,	98.01	52	U	P	11 37 13.4 +0.4
L20A	Wamsutter	98.03	48	U	P	11 37 12.9 -0.1
B16A	M & M Farms, S	98.04	41	U	P	11 37 12.1 -0.8
O21A	Pagoda	98.05	50	U	P	11 37 12.4 -0.7
SMCO	Snowmass	98.06	51	E	P	11 37 16.1 +2.8
SMCO	comp=Z,8.3nm,1.3s,mb5.1					
628A	Black Gap, Mar	98.13	62	U	P	11 37 13.6 -0.2
427A	Hayter Ranch,	98.16	60	U	P	11 37 13.8 0.0
N21A	Black Mountain	98.19	50	U	P	11 37 14.1 +0.3
126A	Clayton Basin,	98.21	58	U	P	11 37 13.1 -1.0
D17A	Six Diamond Ra	98.23	43	U	P	11 37 13.4 -0.4
327A	Balmorhea Ranc	98.23	60	U	P	11 37 13.0 -1.3
K20A	Yellowstone Ra	98.25	48	U	P	11 37 13.7 -0.3
A16A	Wendell Butte Ran	98.30	41	U	P	11 37 13.8 -0.3
G18A	Lazy EL Ranch,	98.32	45	U	P	11 37 13.7 -0.5
C17A	Wharram Farm,	98.35	42	U	P	11 37 14.0 -0.3
F18A	Big Timber	98.43	44	U	P	11 37 14.4 -0.3
RLMT	Red Lodge	98.45	45	U	P	11 37 14.7 -0.2
RLMT	comp=Z,6.4nm,1.1s,mb5.1					
E18A	Harlowton	98.53	44	U	P	11 37 14.9 -0.3
B17A	L&G Farms, Che	98.56	42	U	P	11 37 14.5 -0.7
M21A	Separation Pea	98.58	49	U	P	11 37 15.5 -0.1
227A	Bennet, Jal	98.60	59	U	P	11 37 15.3 -0.5
428A	Kincaid Ranch,	98.69	61	U	P	11 37 16.0 -0.3
SDCO	Great Sand Dun	98.69	53	E	P	11 37 14.7 -1.4
L21A	Rawlins	98.70	49	U	P	11 37 16.1 +0.1
127A	Arkansas Junct	98.75	58	U	P	11 37 16.3 -0.3
D18A	Linhart Farms,	98.81	43	U	P	11 37 16.9 +0.5
A17A	Triple J Farms	98.85	41	U	P	11 37 16.1 -0.5
M22A	Cedar Creek Ra	99.06	49	U	P	11 37 18.1 +0.4
EGMT	Eagleton	99.13	42	U	P	11 37 18.2 +0.4
B18A	Beardsley Farm	99.24	42	U	P	11 37 19.3 +1.0
L22A	Ellis Ranch, M	99.38	49	U	P	11 37 20.1 +1.0
YKA	Yellowknife Ar	101.62	27	P	Pdf	11 37 28.8 -0.2
YKA	comp=Z,2.0nm,0.9s,baz=254,slo=4.7,SNR=16					11 41 36.9 -2.6
YKA	comp=Z,0.4nm,0.8s,baz=253,slo=7.6,SNR=4.1					11 53 42.6 +4.8
YKA	comp=Z,0.3nm,0.7s,baz=72,slo=3.3,SNR=3.4					
RSSD	Black Hills	101.69	47	E	P	11 37 30.3 +1.1
MKAR	Makanchi Array	102.23	315	P	Pdf	11 37 32.0 +1.1
MKAR	comp=Z,2.1nm,0.9s,baz=109,slo=1.8,SNR=3.8					11 37 31.9 +0.3
MKAR	comp=Z,4.1nm,1.1s,baz=111,slo=6.6,SNR=5.3					11 41 42.1 -2.4
MKAR	comp=Z,1.5nm,1.1s,baz=310,slo=2.7,SNR=4.5					11 53 35.4 -0.2
ZALV	Zalesovo Beam	102.71	323	P	Pdf	11 37 34.2 +0.4
ZALV	comp=Z,2.4nm,0.7s,baz=108,slo=3.8,SNR=11					11 37 34.2 +0.4
NGMT	Dagmar	102.80	43	U	P	11 37 34.9 +0.7
DVMS	Novosibirsk	103.85	324	E	P	11 37 38.1 -0.8
NVS	Kurchatov	105.57	319	E	Pdf	11 48 19.7 -0.2
NVS	comp=Z,2.0nm,0.9s,baz=254,slo=4.7,SNR=16					11 49 30.1 -0.2
KURK	Kurchatov	105.57	319	E	Pdf	11 37 46.3 -0.2
KURK	comp=Z,2.5nm,1.4s					
KURK	Kurchatov	105.57	319	E	Pdf	11 47 49.0 +2.5
KURK	comp=Z,0.4nm,0.3s,baz=111,slo=5.5,SNR=4.1					11 41 59.6 +0.2
KURK	comp=Z,1.2nm,0.9s,baz=109,slo=1.8,SNR=3.8					11 53 23.5 -2.1
KURK	comp=Z,0.4nm,0.3s,baz=284,slo=3.3,SNR=9.9					11 37 46.3 -0.2
KURK	comp=Z,2.5nm,1.4s					
KURK	Kurchatov	105.57	319	E	Pdf	11 41 59.6 +0.2
KURK	comp=Z,0.4nm,0.3s,baz=111,slo=5.5,SNR=4.1					11 53 23.5 -2.1
ECSDD	EROS Data Cent	106.78	49	E	P	11 42 02.8 +0.9
FCO	Fort Churchill	110.61	34	E	P	11 42 06.1 -2.5
RES	Resolute Bay	110.94	16	E	P	11 38 13.7 +3.3
RES	comp=Z,2.5nm,1.4s					11 42 07.7 -0.2
BVAR	Borovoye Array	110.97	320	Pdf	Pdf	11 38 13.1 +2.6
BVAR	comp=Z,0.4nm,0.4s,baz=72,slo=4.7,SNR=3.1					11 42 10.4 +0.9
BRVK	Borovoye	111.04	320	E	P	11 42 09.9 +0.3

NJ2	comp=Z,2µm,1.2s,mb6.9	pmax	pmax						
NJ2	comp=Z,18µm,10.4s	pmax	pmax						
NJ2	comp=N,56µm,17.6s,MS7.0	LR	LR						
NJ2	comp=E,44µm,18.8s,MS7.0	LR	LR						
NJ2	comp=Z,757µm,18.2s,MS8.0	LR	LR						
YSS	Yuzh-Sakhalins 70.73 341	P	P	12 57 26.0 +0.3					
YSS	comp=Z,920nm,1.1s,mb6.6	eS	S	13 06 40.0 +2.0					
YSS	comp=N,18µm,19.0s	pmax	pmax						
YSS	comp=E,12µm,19.0s	pmax	pmax						
YSS	comp=Z,40µm,19.0s	pmax	pmax						
YSS	Yuzh-Sakhalins 70.73 341	eP	P	12 57 26.4 +0.6					
YSS	comp=Z,507nm,0.9s,mb6.5	eS	S	13 06 39.7 +1.7					
YSS	comp=Z,94µm,22.0s,MS7.0	LR	LR						
IPM	Ipoth 70.94 282	P	P	12 57 30.3 +2.5					
SKR	Severo-Kuril's 71.31 351	eP	P	12 57 26.0 -3.2					
SKR	comp=Z,220nm,1.0s,mb6.0	e	e	12 57 31.3					
SKR	comp=N,34µm,18.0s	e	e	12 57 40.0					
SKR	comp=E,30µm,18.0s	e	e	12 57 49.0					
SKR	comp=N,48µm,16.0s,MS7.0	e	e	13 00 06.0					
SKR	comp=E,59µm,16.0s,MS7.0	eS	S	13 01 46.0					
SKR	comp=Z,122µm,16.0s,MS7.3	pmax	pmax	13 06 44.0 -0.5					
KULM	Kulim 71.60 283	P	P	12 57 34.3 +2.5					
KULM	Kulim 71.60 283	eP	P	12 57 30.9 -0.9					
KULM	comp=Z,294nm,1.2s,mb6.1	ePP	PP	13 00 11.0 -0.1					
KULM	comp=Z,135µm,22.0s,MS7.2	eS	S	13 06 43.2 -6.3					
KULM	Amchika 71.69 7	eP	P	12 57 33.2 +1.8					
UBT	Ubonrachathani 71.92 294	P	P	12 57 39.0 +5.4					
PSI	Prapat 72.25 280	P	P	12 57 35.8 +0.1					
PSI	Prapat 72.25 280	S	S	13 06 58.1 +1.1					
PSI	comp=Z,147nm,1.2s,mb5.8,baz=150,slow=3.8,SNR=26	P	P	12 57 35.8 +0.1					
PSI	comp=Z,1.0nm,0.3s,baz=267,slow=21,SNR=11	S	S	13 06 58.1 +1.1					
PSI	comp=Z,3.9nm,0.9s,baz=226,slow=5.9,SNR=5.2	LR	LR	13 25 19.2					
PSI	comp=Z,145µm,20.2s,MS7.2,baz=121,slow=38	LR	LR	13 31 31.2					
PSI	Prapat 72.25 280	P	P	12 57 35.8 +0.1					
PSI	comp=Z,1.1µm,1.2s,mb6.7	S	S	13 25 19.2					
PSI	comp=Z,1.1µm,1.2s,mb6.7	P	P	13 31 31.2					
SMG	Songkhla 72.37 285	P	P	12 57 37.0 +0.6					
SMY	Shemya 72.60 3	eP	P	12 57 40.1 +3.3					
SMY	comp=Z,1µm,1.2s,mb6.7	pmax	pmax						
SMY	Shemya 72.60 3	eP	P	12 57 40.1 +3.3					
WHN	Wuhan 72.65 313	PP	PP	12 57 37.9 +0.2					
WHN	comp=Z,29µm,5.1s	PP	PP	13 00 22.2 +2.3					
WHN	comp=N,123µm,17.3s,MS7.3	pmax	pmax	13 07 04.8 +3.9					
WHN	comp=E,90µm,19.3s,MS7.3	LR	LR						
WHN	comp=Z,219µm,21.7s,MS7.4	LR	LR						
TSI	Tuntungan 72.84 280	PP	PP	12 57 40.5 +1.3					
GSTR	Great Sitkin T 73.01 10	P	P	12 57 38.8 -0.6					
PET	Petropavlovsk 73.30 354	P	P	12 57 41.3 +0.3					
PET	comp=Z,505nm,1.1s,mb6.4	eS	S	13 07 09.6 +2.4					
PET	comp=Z,54µm,21.3s	pmax	pmax						
PET	comp=Z,43µm,18.8s	pmax	pmax						
PET	comp=N,22µm,14.5s	smax	smax						
PET	comp=N,22µm,19.6s	smax	smax						
PET	Petropavlovsk 73.30 354	eP	P	12 57 40.8 -0.2					
PET	comp=N,166nm,0.5s,mb6.2	eS	S	13 07 07.4 +0.2					
DL2	Dalian 73.46 323	PP	PP	12 57 43.0 +0.7					
DL2	comp=Z,161µm,22.0s,MS7.3	LR	LR	13 07 05.6 -4.1					
DL2	comp=Z,310nm,0.7s,mb6.3	SS	SS	13 11 54.3 +1.1					
DL2	comp=Z,20µm,9.1s	pmax	pmax						
DL2	comp=N,29µm,24.8s,MS6.7	LR	LR						
DL2	comp=E,34µm,25.4s,MS6.7	LR	LR						
DL2	comp=Z,67µm,25.0s,MS6.8	LR	LR						
PEA0B	Petropavlovsk- 73.48 353	eP	P	12 57 41.9 -0.1					
PETK	Petropavlovsk- 73.48 353	P	P	12 57 41.9 -0.2					
PETK	comp=Z,436nm,1.0s,mb6.3,baz=120,slow=7.5,SNR=34	PKIKP	PKIKP	13 03 40.6 +1.5					
PETK	comp=Z,6.9nm,0.9s,baz=144,slow=2.7,SNR=4.1	LR	LR	13 25 38.7					
PETK	comp=Z,136µm,20.9s,MS7.2,baz=168,slow=32	P	P	12 57 41.9 -0.2					
PETK	Petropavlovsk- 73.48 353	P	P	12 57 43.7 +0.3					
MDJ	Mudanjiang 73.67 332	eP	P	12 57 53.1 -0.2					
MDJ	comp=Z,81µm,21.0s,MS7.0	eS	S	12 57 50.0 +0.1					
MDJ	comp=Z,140nm,1.3s,mb5.7	S	S	13 07 14.0 +2.1					
MDJ	comp=N,63µm,31.7s,MS6.9	LR	LR						
MDJ	comp=E,77µm,29.8s,MS6.9	LR	LR						
MDJ	comp=Z,84µm,26.7s,MS6.9	LR	LR						
MDJ	Mudanjiang 73.67 332	eP	P	12 57 43.8 +0.4					
MDJ	comp=Z,443nm,1.0s,mb6.3	eS	S	13 07 13.3 +1.4					
MDJ	comp=Z,82µm,21.0s,MS7.0	LR	LR						
RPN	Rapa Nui 74.06 113	eP	P	12 57 46.8 +0.6					
RPN	comp=Z,5µm,2.5s,mb7.0	pmax	pmax						
RPN	comp=Z,87µm,22.0s,MS7.0	MLR	MLR						
RPN	Rapa Nui 74.06 113	P	P	12 57 47.7 +1.4					
RPN	comp=Z,113nm,0.9s,mb5.8,baz=284,slow=3.6,SNR=7.4	S	S	13 07 23.3 +6.1					
RPN	comp=Z,16nm,0.5s,baz=93,slow=6.1,SNR=3.6	LR	LR	13 23 02.3					
RPN	comp=Z,81µm,21.0s,MS7.0	LR	LR						
RPN	Rapa Nui 74.06 113	eP	P	12 57 46.8 +0.6					
RPN	comp=Z,5µm,2.5s,mb7.0	LR	LR						
KKTK	Khon Kaen 74.29 294	P	P	12 57 52.0 +4.4					
TIA	Tai'an 74.33 319	PP	PP	12 57 46.8 -0.7					
TIA	comp=Z,100nm,0.9s,mb5.8	S	S	13 07 21.0 +1.4					

TIA	comp=N,27µm,20.3s,MS6.6	LR	LR						
SNY	Shenyang 74.47 327	PP	PP	12 57 48.4 +0.3					
SNY	comp=Z,26µm,23.2s,MS6.6	P	P	13 07 27.4 +6.4					
SNY	comp=N,51µm,19.8s,MS6.9	LR	LR	13 07 45.8					
SNY	comp=E,33µm,22.2s,MS6.9	LR	LR						
SNY	comp=Z,87µm,20.4s,MS7.0	LR	LR						
HABR	Khabarovsk 74.61 337	eP	P	12 57 52.4 +3.6					
HABR	comp=Z,16µm,4.2s	e	e	12 58 01.7 +3.0					
HABR	comp=Z,483nm,1.0s,mb6.4	e	e	12 58 04.5					
HABR	comp=E,219nm,1.0s	e'SP	sP	12 58 06.8 +4.5					
HABR	comp=N,160nm,1.1s	e	e	13 00 35.9					
HABR	comp=Z,25µm,20.0s,MS6.5	ePPP	S	13 02 21.0					
HABR	comp=E,26µm,20.0s,MS6.6	eS	S	13 07 26.4 +4.2					
HABR	comp=N,10µm,17.0s,MS6.6	e'SS	sS	13 07 58.7					
HABR	comp=Z,16µm,4.2s	eSS	SS	13 12 10.7 +0.4					
HABR	comp=Z,16µm,4.2s	pmax	pmax						
HABR	comp=Z,483nm,1.0s,mb6.4	pmax	pmax						
HABR	comp=E,219nm,1.0s	pmax	pmax						
HABR	comp=N,160nm,1.1s	MLR	MLR						
HABR	comp=Z,25µm,20.0s,MS6.5	MLR	MLR						
HABR	comp=E,26µm,20.0s,MS6.6	MLR	MLR						
HABR	comp=N,10µm,17.0s,MS6.6	MLR	MLR						
CN2	Changchun 74.98 329	eP	P	12 57 50.7 -0.3					
CN2	comp=Z,10µm,17.0s,MS6.6	ePP	PP	13 00 41.5 +2.1					
CN2	comp=N,56µm,20.0s,MS7.0	eS	S	13 07 27.2 +0.7					
CN2	comp=N,56µm,20.0s,MS7.0	LR	LR						
CN2	comp=E,54µm,20.0s,MS7.0	LR	LR						
CN2	comp=Z,78µm,27.0s	LR	LR						
NIKO	Nikolski 75.22 14	eP	P	12 57 52.4 +0.2					
NIKO	comp=Z,730nm,0.6s,mb6.8	eP	P	12 57 59.2 +5.3					
NNT	Nongplab 75.37 289	P	P	12 57 59.2 +5.3					
ENH	Enshi 75.94 310	eP	P	12 57 56.2 -0.6					
ENH	comp=Z,969nm,1.4s,mb6.5	LR	LR						
ENH	comp=Z,107µm,21.0s,MS7.1	LR	LR						
GYA	Guiyang 76.02 305	PP	PP	12 57 58.6 +1.2					
GYA	comp=Z,8µm,9.4s	eP	P	12 58 08.3 +1.0					
GYA	comp=N,64µm,19.3s,MS7.0	eP	P	12 58 16.8 +5.8					
GYA	comp=E,45µm,19.4s,MS7.0	eP	P	13 00 51.4 +2.9					
GYA	comp=Z,38µm,19.0s,MS6.7	eP	P	13 07 38.6 -0.2					
GYA	comp=N,64µm,19.3s,MS7.0	S	S	13 08 01.4					
GYA	comp=Z,150nm,1.0s,mb5.9	SS	SS	13 12 36.0 +3.5					
GYA	comp=Z,8µm,9.4s	pmax	pmax						
GYA	comp=N,64µm,19.3s,MS7.0	LR	LR						
GYA	comp=E,45µm,19.4s,MS7.0	LR	LR						
GYA	comp=Z,38µm,19.0s,MS6.7	LR	LR						
NST	Nakhon Sawan 76.32 292	P	P	12 58 00.0 +0.7					
KLR	Kul'dur 76.47 336	eP	P	12 57 56.0 -3.4					
KLR	comp=N,800nm,3.4s	eS	S	13 07 34.5 -8.2					
KLR	comp=Z,2µm,1.8s,mb6.8	pmax	pmax						
KLR	comp=E,1900µm,3.4s	smax	smax						
KLR	comp=N,800nm,3.4s	smax	smax						
BSI	Banda Aceh 76.61 281	eP	P	12 58 01.0 0.0					
BSI	comp=N,80µm,19.2s,MS7.2	eP	P	12 58 09.0 -2.0					
AKUT	Akutan 77.01 15	eP	P	12 58 01.4 -1.0					
AKUT	comp=N,2µm,2.5s,mb6.6	eP	P	12 58 05.2 +0.6					
BJT	Bajitauau 77.35 321	eS	S	13 07 53.0 +0.2					
BJT	comp=Z,372nm,0.8s	eS	S	12 58 05.2 +0.6					
BJT	comp=Z,151µm,22.0s	LR	LR	13 07 53.0 +0.3					
BJT	Bajitauau 77.35 321	eP	P	12 58 05.2 +0.6					
BJT	comp=Z,372nm,0.8s,mb6.4	eS	S	13 07 53.0 +0.3					
BJT	comp=Z,151µm,22.0s,MS7.3	LR	LR						
BJI	Beijing 77.36 321	P	P	12 58 04.8 +0.1					
BJI	comp=N,80µm,19.2s,MS7.2	eP	P	12 58 15.7 +1.1					
BJI	comp=E,90µm,19.8s,MS7.2	eP	P	12 58 19.4 +1.2					
BJI	comp=Z,119µm,21.1s,MS7.2	eP	P	13 01 00.0 +0.4					
MAW	Mawson 77.58 202	eP	P	13 07 56.9 +4.0					
MAW	comp								

NEW	comp-Z,86um,22.0s	94.58	40	eP	P	12 59 28.0	-2.4
NEW	comp-Z,25nm,0.9s,mb5.7			eP	PP	13 03 20.2	+1.3
NLU	North Lily Min	94.60	49	eP	P	12 59 30.4	-0.3
V18A	comp-Z,86um,22.0s,MS7.2	94.61	54	eP	P	12 59 30.8	0.0
A10A	comp-Z,22nm,0.7s,mb5.7	94.63	39	↑P	P	12 59 31.8	+1.2
X19A	comp-Z,86um,22.0s,SNR=18	94.64	55	↑P	P	12 59 31.2	+0.2
N15A	comp-Z,86um,22.0s,SNR=14	94.64	48	↑P	P	12 59 31.4	+0.6
S17A	comp-Z,86um,22.0s,SNR=16	94.66	52	↑P	P	12 59 31.2	+0.2
TRD	comp-Z,22nm,0.7s,mb5.7	94.69	277	ex	pP	12 59 45.0	+3.2
F12A	comp-Z,86um,22.0s,SNR=18	94.71	43	↑P	P	12 59 30.6	-0.4
Z20A	comp-Z,86um,22.0s,SNR=86	94.72	57	↑P	P	12 59 31.7	+0.4
I13A	comp-Z,86um,22.0s,SNR=60	94.72	45	↑P	P	12 59 31.7	+0.6
P16A	comp-Z,86um,22.0s,SNR=90	94.77	50	↑P	P	12 59 31.7	+0.3
E12A	comp-Z,86um,22.0s,SNR=95	94.78	42	↑P	P	12 59 31.9	+0.6
HVU	comp-Z,86um,22.0s,SNR=90	94.80	47	eP	P	12 59 31.3	-0.2
W19A	comp-Z,86um,22.0s,SNR=91	94.81	55	↑P	P	12 59 31.8	+0.1
K14A	comp-Z,86um,22.0s,SNR=42	94.82	46	↑P	P	12 59 32.0	+0.4
NOQ	comp-Z,77nm,1.1s,mb6.0	94.83	49	eP	P	12 59 33.7	+2.0
SPUT	comp-Z,40nm,0.8s,mb5.0	94.85	48	eP	PP	13 03 22.4	+1.4
SPUT	comp-Z,40nm,0.8s,mb5.0	94.85	48	eP	PP	12 59 32.2	+0.4
Q16A	comp-Z,86um,22.0s,SNR=29	94.86	50	↑P	PP	13 03 19.5	-1.6
H13A	comp-Z,86um,22.0s,SNR=49	94.89	44	↑P	P	12 59 32.1	+0.2
J14A	comp-Z,86um,22.0s,SNR=47	94.89	46	↑P	P	12 59 31.9	0.0
M15A	comp-Z,86um,22.0s,SNR=98	94.91	48	↑P	P	12 59 32.5	+0.6
U18A	comp-Z,86um,22.0s,SNR=98	94.91	53	↑P	P	12 59 32.9	+0.9
U18A	comp-Z,86um,22.0s,SNR=98	94.91	53	↑P	P	12 59 32.6	+0.4
MPU	comp-Z,86um,22.0s,SNR=20	94.94	49	eP	P	12 59 32.9	+0.6
Z21A	comp-Z,86um,22.0s,SNR=98	94.97	58	↑P	P	12 59 33.4	+0.8
TMUT	comp-Z,86um,22.0s,SNR=95	94.97	50	eP	P	12 59 33.9	+1.5
R17A	comp-Z,86um,22.0s,SNR=41	95.01	51	↑P	P	12 59 32.4	-0.2
O16A	comp-Z,86um,22.0s,SNR=41	95.10	49	↑P	P	12 59 33.6	+0.7
G13A	comp-Z,86um,22.0s,SNR=67	95.11	44	↑P	P	12 59 32.7	-0.1
B11A	comp-Z,86um,22.0s,SNR=67	95.11	40	↑P	P	12 59 33.3	+0.5
KOLN	comp-Z,86um,22.0s,SNR=25	95.15	298	eP	P	12 59 32.3	-1.2
121A	comp-Z,86um,22.0s,SNR=25	95.15	57	↑P	P	12 59 32.7	-0.7
L15A	comp-Z,86um,22.0s,SNR=31	95.15	47	↑P	P	12 59 33.5	+0.4
Y20A	comp-Z,86um,22.0s,SNR=37	95.16	56	↑P	P	12 59 33.2	-0.3
T18A	comp-Z,86um,22.0s,SNR=79	95.17	52	↑P	P	12 59 33.5	+0.1
I14A	comp-Z,86um,22.0s,SNR=121	95.17	45	↑P	P	12 59 33.5	+0.3
D12A	comp-Z,86um,22.0s,SNR=25	95.17	42	↑P	P	12 59 34.2	+1.1
DANN	comp-Z,48nm,1.2s,mb6.2	95.21	298	eP	P	12 59 32.3	-1.5
S18A	comp-Z,86um,22.0s,SNR=30	95.28	52	↑P	P	12 59 34.4	+0.5
V19A	comp-Z,86um,22.0s,SNR=30	95.28	54	↑P	P	12 59 34.4	+0.4
JLU	comp-Z,26nm,0.8s,mb5.7	95.28	49	eP	P	12 59 33.6	-0.1
JLU	comp-Z,26nm,0.8s,mb5.7	95.28	49	eP	P	13 03 25.5	+0.9
X20A	comp-Z,86um,22.0s,SNR=30	95.29	55	↑P	PP	12 59 34.0	0.0
K15A	comp-Z,86um,22.0s,SNR=14	95.31	47	↑P	P	12 59 34.5	+0.6
F13A	comp-Z,86um,22.0s,SNR=65	95.32	43	↑P	P	12 59 34.1	+0.3
A11A	comp-Z,86um,22.0s,SNR=39	95.33	40	↑P	P	12 59 34.6	+0.8
DAU	comp-Z,86um,22.0s,SNR=39	95.35	49	eP	P	12 59 34.9	+0.8
C12B	comp-Z,86um,22.0s,SNR=13	95.36	41	↑P	P	12 59 34.9	+1.0
U19A	comp-Z,86um,22.0s,SNR=15	95.36	53	↑P	P	12 59 35.2	+1.0
P17A	comp-Z,86um,22.0s,SNR=15	95.38	50	↑P	P	12 59 34.9	+0.6
N16A	comp-Z,86um,22.0s,SNR=12	95.40	49	↑P	P	12 59 34.9	+0.5
SRU	comp-Z,39nm,0.7s,mb6.0	95.40	50	eP	P	12 59 34.2	-0.2
SRU	comp-Z,39nm,0.7s,mb6.0	95.40	50	eP	P	13 03 25.4	-0.2
SRU	comp-Z,39nm,0.7s,mb6.0	95.40	50	eP	P	12 59 34.5	+0.1
SRU	comp-Z,39nm,0.7s,mb6.0	95.40	50	eP	P	12 59 34.2	-0.2
SRU	comp-Z,39nm,0.7s,mb6.0	95.40	50	eP	P	13 03 25.4	-0.1
TIXI	comp-Z,39nm,0.7s,mb6.0	95.45	348	eP	PP	12 59 31.7	-2.1
TIXI	comp-Z,39nm,0.7s,mb6.0	95.45	348	eP	PP	13 03 20.4	-4.7
TIXI	comp-Z,39nm,0.7s,mb6.0	95.45	348	eP	PP	13 10 05.5	+5.4
TIXI	comp-Z,39nm,0.7s,mb6.0	95.45	348	eP	PP	13 12 00.4	-4.7
TIXI	comp-E,32nm,2.2s			eP	PP	13 03 25.4	-0.1
TIXI	comp-Z,49nm,1.4s,mb5.7			eP	PP	12 59 31.7	-2.1
TIXI	comp-N,27nm,2.4s			eS	S	13 10 05.5	+5.4
TIXI	comp-Z,15um,16.7s			eSP	SP	13 12 00.4	-4.7
TIXI	comp-E,28um,16.8s			eP	PP	13 03 25.4	-0.1
TIXI	comp-N,29um,17.0s			eP	PP	13 10 05.5	+5.4
TIXI	comp-N,33nm,1.1s,mb5.7	95.45	348	eP	P	12 59 30.6	-3.3
TIXI	comp-N,33nm,1.1s,mb5.7	95.45	348	eP	P	13 10 40.6	-6.9
H14A	comp-Z,154um,22.0s,MS7.4	95.49	45	↑P	P	12 59 34.8	+0.2
W20A	comp-Z,86um,22.0s,SNR=73	95.49	55	↑P	P	12 59 34.4	-0.5
Z21A	comp-Z,86um,22.0s,SNR=39	95.51	57	↑P	P	12 59 34.8	-0.2
Z19A	comp-Z,86um,22.0s,SNR=39	95.51	57	↑P	P	12 59 34.8	-0.2
Z19A	comp-Z,86um,22.0s,SNR=39	95.51	57	↑P	P	12 59 33.5	-2.0
Z19A	comp-Z,86um,22.0s,SNR=39	95.51	57	↑P	P	12 59 35.0	-0.1
HWUT	comp-Z,23nm,0.6s,mb5.8			eP	PP	12 59 36.2	+0.8
R18A	comp-Z,98um,21.0s,MS7.3	95.60	51	↑P	P	12 59 35.2	-0.1
B12A	comp-Z,86um,22.0s,SNR=39	95.60	40	↑P	P	12 59 35.5	+0.5
J15A	comp-Z,86um,22.0s,SNR=60	95.65	46	↑P	P	12 59 36.0	+0.6
E13A	comp-Z,86um,22.0s,SNR=17	95.67	43	↑P	P	12 59 36.2	+0.8
G14A	comp-Z,86um,22.0s,SNR=65	95.67	44	↑P	P	12 59 35.5	+0.1
Q18A	comp-Z,86um,22.0s,SNR=39	95.68	51	↑P	P	12 59 36.1	+0.5
T19A	comp-Z,86um,22.0s,SNR=8.1	95.69	53	↑P	P	12 59 36.7	+1.0
Y21A	comp-Z,86um,22.0s,SNR=8.1	95.75	56	↑P	P	12 59 36.0	0.0
Z12A	comp-Z,86um,22.0s,SNR=95	95.75	56	↑P	P	12 59 37.1	+1.4
D13A	comp-Z,86um,22.0s,SNR=96	95.75	42	↑P	P	12 59 36.4	+0.7

V20A	comp-Z,86um,22.0s,SNR=7.9	95.75	54	↑P	P	12 59 36.7	+0.7
P18A	comp-Z,86um,22.0s,SNR=7.9	95.79	50	↑P	P	12 59 36.6	+0.5
X21A	comp-Z,86um,22.0s,SNR=15	95.81	56	↑P	P	12 59 36.8	+0.5
L16A	comp-Z,86um,22.0s,SNR=47	95.82	47	↑P	P	12 59 36.1	-0.1
122A	comp-Z,86um,22.0s,SNR=15	95.83	57	↑P	P	12 59 36.6	+0.1
N17A	comp-Z,86um,22.0s,SNR=12	95.84	49	↑P	P	12 59 35.7	-0.6
BSMT	comp-Z,86um,22.0s,SNR=12	95.84	41	eP	P	12 59 36.4	+0.3
C13A	comp-Z,86um,22.0s,SNR=15	95.91	41	eP	P	12 59 35.9	-0.6
MCTM	comp-Z,86um,22.0s,SNR=15	95.91	44	eP	P	12 59 36.1	+0.5
U20A	comp-Z,86um,22.0s,SNR=15	95.91	54	↑P	P	12 59 35.7	-1.1
F14A	comp-Z,86um,22.0s,SNR=11	95.95	43	↑P	P	12 59 36.2	-0.5
H15A	comp-Z,86um,22.0s,SNR=22	95.97	45	↑P	P	12 59 36.9	+0.1
MSO	comp-Z,86um,22.0s,SNR=22	95.97	42	eP	P	12 59 37.9	+1.1
MSO	comp-Z,86um,22.0s,SNR=22	95.97	42	eP	PP	13 03 24.7	-5.0
K16A	comp-Z,86um,22.0s,SNR=11	96.01	47	↑P	P	12 59 37.1	+0.1
R19A	comp-Z,86um,22.0s,SNR=11	96.03	52	↑P	P	12 59 36.7	-0.6
223A	comp-Z,86um,22.0s,SNR=11	96.05	58	↑P	P	12 59 37.5	0.0
E14A	comp-Z,86um,22.0s,SNR=33	96.10	43	↑P	P	12 59 36.6	-0.8
JTMT	comp-Z,86um,22.0s,SNR=33	96.12	41	eP	P	12 59 37.7	+0.3
HYB	comp-Z,86um,22.0s,SNR=33	96.14	286	eP	P	12 59 40.0	+1.8
HYB	comp-Z,86um,22.0s,SNR=33	96.14	286	eP	P	12 59 41.0	+2.8
W21A	comp-Z,86um,22.0s,SNR=33	96.15	55	↑P	P	12 59 38.1	+0.2
M17A	comp-Z,86um,22.0s,SNR=12	96.15	48	↑P	P	12 59 37.9	+0.2
J16A	comp-Z,86um,22.0s,SNR=55	96.16	46	↑P	P	12 59 37.8	+0.1
O18A	comp-Z,86um,22.0s,SNR=9.7	96.19	49	↑P	P	12 59 37.5	-0.4
SWMT	comp-Z,86um,22.0s,SNR=9.7	96.20	42	eP	P	12 59 39.1	+1.3
MVCO	comp-Z,86um,22.0s,SNR=9.7	96.22	53	↑P	P	12 59 38.0	-0.2
MVCO	comp-Z,86um,22.0s,SNR=9.7	96.22	53	eP	P	12 59 35.3	-2.8
MVCO	comp-Z,86um,22.0s,SNR=9.7	96.22	53	eP	LR	12 59 37.8	-0.3
L17A	comp-Z,86um,22.0s,SNR=14	96.24	48	↑P	P	12 59 38.0	+0.1
B13A	comp-Z,86um,22.0s,SNR=16	96.25	41	↑P	P	12 59 38.0	+0.1
Q19A	comp-Z,86um,22.0s,SNR=16	96.26	51	↑P	P	12 59 38.5	+0.2
G15A	comp-Z,86um,22.0s,SNR=18	96.28	44	↑P	P	12 59 38.2	+0.1
DLMT	comp-Z,86um,22.0s,SNR=18	96.28	44	eP	P	12 59 39.0	+0.8
LAZ	comp-Z,86um,22.0s,SNR=18	96.30	56	eP	P	12 59 38.5	0.0
AHID	comp-Z,86um,22.0s,SNR=18	96.32	47	eP	PP	12 59 50.0	+1.2
AHID	comp-Z,86um,22.0s,SNR=18	96.32	47	eP	LR	12 59 39.9	+1.5
YBMT	comp-Z,86um,22.0s,SNR=18	96.33	41	eP	P	12 59 39.6	+1.1
D14A	comp-Z,86um,22.0s,SNR=18	96.34	42	↑P	P	12 59 39.1	+2.3
LENM	comp-Z,86um,22.0s,SNR=18	96.34	56	↑P	P	12 59 39.5	+0.7
Y22D	comp-Z,86um,22.0s,SNR=18	96.36	56	↑P	P	12 59 38.3	-0.4
RR12	comp-Z,86um,22.0s,SNR=18	96.38	46	eP	P	12 59 38.3	-0.4
RR12	comp-Z,86um,22.0s,SNR=18	96.38	46	eP	PP	13 03 34.2	+1.3
V21A	comp-Z,86um,22.0s,SNR=13	96.39	54	↑P	P	12 59 39.1	+0.1
SLMT	comp-Z,86um,22.0s,SNR=13	96.42	42	eP	P	12 59 38.9	+0.2
X22A	comp-Z,86um,22.0s,SNR=13	96.43	56	↑P	P	12 59 39.7	+0.6
K17A	comp-Z,86um,22.0s,SNR=13	96.44	47	↑P	P	12 59 39.2	+0.2
CAIG	comp-Z,86um,22.0s,SNR=13	96.44	74	eP	P	12 59 35.2	-4.4
CHMT	comp-Z,86um,22.0s,SNR=13	96.44	42	eP	P	12 59 37.8	+1.1
C14A	comp-Z,86um,22.0s,SNR=13	96.46	41	↑P	P	12 59 39.5	+0.5
A16A	comp-Z,86um,22.0s,SNR=18	96.46	46	↑P	P	12 59 38.9	-0.1
I13A	comp-Z,86um,22.0s,SNR=18	96.50	40	↑P	P	12 59 39.1	0.0
HVS	comp-Z,86um,22.0s,SNR=18	96.50	322	eP	P	12 59 39.1	0.0
HVS	comp-Z,86						

9d 12h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like MNGI Mangalore, 628A Black Gap, 427A Hayter Ranch, etc.

2008 APR

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like OGNE Ogallala, AJM Ajmer, ZAAO Zalesovo Array, etc.

350

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like ULM, ULM, ULM, etc.

Table with columns: CLL, comp-Z, name, date, time, status, and various codes. Includes entries like Musomiste, Abertoye, Stoneyath, Niederbach Rie, Edinburgh, etc.

Table with columns: KZN, name, date, time, status, and various codes. Includes entries like Kozani, North Isle of Kog, Grafenberg Arr, Grafenberg Arr, etc.

Table with columns: name, date, time, status, and various codes. Includes entries like DAVOX Davos/Dischmat, PLONS Plons/GS, ZERN Degenerid, etc.

9d 13h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Tavernes, La Moure, Pradon, Les Rejaudoux, etc.

2008 APR

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Djebel Berber, Barrancos, Oran, Beja, Bouhanifia, etc.

354

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Listvyanka, Todzha, Kyzyl, Fofonovo, Khuramsha, etc.

BYKL 09 12:48:09.4,0.8,50.40N,100.30E
MOS 09 12:48:14.8,2.6,50.62N,100.56E, h18km, mb4.3/1, 1C-7D, Error ellipse: s-maj=19.1km s-min=11.7km az=65.1,

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MOY Mondy, MOY MOY, MOY Mondy, etc.

ISCJB 09 12:55:17.5,2.8,22.0S,0.2,170.1E,0.2,h52km,20km, mb4.6/5, Error ellipse: s-maj=38.7km s-min=18.6km az=37.2

NEIC 09 12:55:20.5,1.7,22.18S,169.83E,h35km,mb4.6/1, Error ellipse: s-maj=36.9km s-min=16.1km az=40.0

IDC 09 12:55:22.1,3.2,20.25S,168.78E,h0km,mb4.7/4, mb1.4/9.4, mbtmp4.4/14, mbtmp4.7/4, Error ellipse: s-maj=13.7km s-min=28.8km az=144.0

ISC 09 12:55:18.9,2.7,22.0S,0.2,170.0E,1,h39km,22km,n21, az=122/17, mb4.6/5, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DZM Port Dzumac, NOLUC Mont Laguerre, OUZ Omahuta, etc.

IDC 09 13:01:08.7,2.3,19.57S,168.91E,h0km,mb4.2/4, mb1.4/3.4, mbtmp4.0/14, mbtmp4.2/4, Error ellipse:

s-maj=104.5km s-min=37.4km az=155.0
NEIC 09 13:01:13.5,1.0,20.08S;169.02E,h35km,mb4.1/1,Error
ellipse: s-maj=24.5km s-min=18.3km az=146.0

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
DZM	Mont Dzumac	3.15	230	Op	13 03 58.8	+0.5
CTA	Charters Tower	21.41	266	P	13 05 58.8	+0.5
STKA	Stevens Creek	27.26	239	P	13 06 55.8	+1.5
STKA	Stevens Creek	27.26	239	P	13 06 55.9	+1.6
WRAB	Tennant Creek	32.57	264	eP	13 07 40.8	-0.6
WRA	Warramunga Arr	32.58	264	P	13 07 40.9	-0.7
ASAR	Alice Springs	32.76	257	P	13 07 43.1	0.0
SBA	Scott Base	57.85	181	eP	13 11 00.8	-0.2
ARCES	ARCCESS Array B	125.81	345	PKP	13 20 10.7	+0.2
GERES	GERESS Array B	145.12	331	PKP	13 20 47.1	+0.2

LDG 09 13:03:03.1±0.2,20.00S;168.67E,h10km,MB5.8/1,Error
ellipse: s-maj=22.3km s-min=3.6km az=126.0

BUI 09 13:03:05.0,5,20.03S;169.25E,h43km,mb6.4/11,mb5.1/35,
MS6.4/11,MS7.6/212

ISCJB 09 13:03:05.1±0.2,20.20S;0.04°168.83E;0.04,h34km,
mb5.2/74,MS6.2/10,Error ellipse: s-maj=6.2km
s-min=4.4km az=139.2

SZGRF 09 13:03:06.1,20.01S;170.39E,h33km, Vanuatu Islands
NEIC 09 13:03:06.5,0.2,20.18S;168.85E,h35km,mb5.2/45,Error
ellipse: s-maj=6.1km s-min=4.9km az=150.0

BGS 09 13:03:07.3±5.8,20.18S;168.85E,h33km,mb5.2,(NEIC)
MOS 09 13:03:09.1±1.0,19.56S;168.51E,h33km,mb5.4/21,Error
ellipse: s-maj=10.5km s-min=9.5km az=131.1

IDC 09 13:03:10.3±3.6,20.21S;168.73E,h67km,mb7.1/15,
mb1.4/718,mb1mx4.7/23,mbtmp4.7/18,ML4.1/1,MS4.1/1,
MS1.4/1,MS1mx3.8/31,Error ellipse: s-maj=16.2km
s-min=14.2km az=98.0

ISC 09 13:03:06.8,0.2,20.21S;0.04°168.88E;0.04,h35km,
h35km,1.5km,pp-P,n305,±101/158,mb5.2/74,MS6.2/10,
47C-8D,Loyalty Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
DZM	Mont Dzumac	2.93	230	Op	13 03 48.1	-2.8
DZM	Mont Dzumac	2.93	230	eP	13 03 47.8	-3.1
NORM	Noumea	3.00	228	eS	13 03 48.6	-3.3
NOUC	Port Laguerre	3.05	231	eS	13 03 52.5	-0.1
HNR	Honiara	13.75	320	P	13 06 19.3	-0.1
HNR	Honiara	13.75	320	P	13 06 21.0	+1.6
HNR	Honiara	13.75	320	P	13 06 19.3	-0.1
OUZ	Omahuta	15.52	165	eP	13 06 44.4	+1.4
EIDS	Eidsvold	17.19	249	P	13 07 07.4	+0.4
ARMA	Armidale	18.59	233	eP	13 07 21.3	-0.2
URZ	Urewera	19.52	74	eP	13 07 30.4	-0.2
URZ	Urewera	19.52	74	eP	13 07 31.7	+1.2
AFI	Afiamau	19.52	74	eP	13 07 33.9	+1.1
AFI	Afiamau	19.52	74	eP	13 07 34.3	+1.6
AFI	Afiamau	19.52	74	eP	13 07 33.9	+1.1
CTA	Charters Tower	21.24	266	eP	13 07 53.4	+3.5
CTA	Charters Tower	21.24	266	eP	13 07 50.9	+0.9
CTA	Charters Tower	21.24	266	eP	13 07 50.9	+0.9
CTAO	Charters Tower	21.24	266	eP	13 07 50.9	+0.9
KHZ	Kahutara	22.49	171	eP	13 08 04.2	+1.2
CNB	Canberra Magne	22.84	225	eP	13 08 07.9	+1.1
CAN	Canberra	23.09	225	eP	13 08 09.9	+0.5
RPZ	Rata Peaks	23.51	176	eP	13 08 15.0	+1.4
RPZ	Rata Peaks	23.51	176	eP	13 08 13.6	0.0
ODZ	Otaoua Downs	24.81	187	eP	13 08 25.3	-0.2
COEN	Coen	25.32	280	eP	13 08 31.0	+0.6
TOO	Toolangi	26.69	225	eP	13 08 42.3	-0.3
STKA	Stevens Creek	27.05	239	eP	13 08 46.2	+0.3
STKA	Stevens Creek	27.05	239	eP	13 08 45.6	-0.3
STKA	Stevens Creek	27.05	239	eP	13 08 45.6	-0.3
WB2	Warramunga Arr	32.41	264	P	13 09 31.7	-1.7
WRAB	Tennant Creek	32.40	264	P	13 09 32.0	-1.5
WRA	Warramunga Arr	32.41	264	P	13 09 32.2	-1.3
WRA	Warramunga Arr	32.41	264	P	13 09 32.2	-1.3
ASAR	Alice Springs	32.57	257	eP	13 09 33.8	-1.2
KAKA	Kakadu	35.67	276	eP	13 10 01.8	-0.1
FORT	Forrest	38.13	246	eP	13 10 24.0	+1.3
PAE	Paea	39.31	93	eP	13 10 31.3	-1.4
PAE	Paea	39.31	93	eP	13 10 31.3	-1.4
PPT	Papeete	39.33	93	eP	13 10 31.8	-1.1
PPT	Papeete	39.33	93	eP	13 10 31.8	-1.1
TIAR	Tiarei	39.55	93	eP	13 10 33.5	-1.2
FITZ	Fitzroy Crossi	40.81	265	eP	13 10 45.0	-0.2
FITZ	Fitzroy Crossi	40.81	265	eP	13 10 44.8	-0.4
MBWA	Marble Bar	45.84	240	eP	13 11 25.1	-0.6
MUN	Mundaring	48.32	245	eP	13 11 46.2	+1.3
TTSI	Tana Toraja	50.75	283	P	13 12 04.9	+1.2
PCI	Palu	51.61	286	P	13 12 11.9	+1.7
SBA	Scott Base	57.69	181	eP	13 12 54.0	+0.6
SBA	Scott Base	57.69	181	eP	13 12 54.0	+0.6
SGY	Tagayay City	58.10	124	LR	13 36 04.3	
CASY	Casey	61.28	283	eP	13 13 18.4	-0.5
LEM	Lembang	60.73	273	P	13 13 17.1	+1.8
KSM	Kuching	61.28	283	eP	13 13 18.4	-0.5
CBJI	Citeko	61.68	274	P	13 13 25.2	+4.1
DBJI	Dragama	61.63	273	P	13 13 23.2	+1.7
TNG	Tangerang	61.85	274	P	13 13 16.9	-6.1
TNG	Tangerang	61.85	274	P	13 13 16.9	-6.1
MJAR	Matsushiro Arr	63.45	333	P	13 13 32.7	-0.4
MAJO	Matsushiro	63.45	333	eP	13 13 33.0	-0.1

MAJO	Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
MAJO	Matsushiro	63.45	333	eP	13 13 33.0	-0.1	
MAT	Matsushiro	63.45	333	P	13 13 32.5	-0.6	
TPUB	Ta-pu	63.90	310	P	13 13 35.9	-0.5	
KASI	Kota Agung	64.08	274	P	13 13 36.7	-1.1	
MDSI	Matsushiro	64.73	275	P	13 13 39.8	-2.2	
ASAJ	Asahikawa	68.39	340	P	13 14 04.7	0.0	
QSPA	South Pole Qui	69.85	180	eP	13 14 13.5	+0.1	
QSPA	South Pole Qui	69.85	180	eP	13 14 13.2	-0.1	
NJ2	Nanjing	70.67	316	eP	13 14 22.1	+3.1	
YSS	Yuzh-Sakhalins	70.88	341	eP	13 14 21.4	+1.4	
KULM	Kulim	71.61	283	eP	13 14 24.6	-0.6	
PSI	Prapat	72.25	280	eP	13 14 26.2	-2.8	
PET	Petrovlovsk	73.46	354	iP	13 14 34.9	-0.4	
DL2	Dalian	73.58	323	P	13 14 37.2	+0.9	
PETK	Petrovlovsk	73.65	353	P	13 14 36.6	+0.2	
MDJ	Mudanjiang	73.81	321	eP	13 14 37.5	0.0	
MDJ	Mudanjiang	73.81	321	eP	13 14 37.8	+0.2	
HABR	Khabarovsk	74.76	337	eP	13 14 40.8	-2.2	
HABR	Khabarovsk	74.76	337	eP	13 14 50.9	-3.1	
HABR	Khabarovsk	74.76	337	eP	13 14 54.3		
HABR	Khabarovsk	74.76	337	eP	13 19 12.9		
CN2	Changchun	75.11	329	eP	13 14 46.5	+1.4	
CN2	Changchun	75.11	329	eP	13 14 56.4	+0.3	
CN2	Changchun	75.11	329	eP	13 15 00.4	+0.2	
CN2	Changchun	75.11	329	eP	13 24 20.9	0.0	
CN2	Changchun	75.11	329	eP	13 14 46.5	+1.4	
CN2	Changchun	75.11	329	eP	13 14 56.4	+0.3	
CN2	Changchun	75.11	329	eP	13 15 00.4	+0.2	
CN2	Changchun	75.11	329	eP	13 24 20.9	0.0	
NIKO	Nikolski	75.40	410	eP	13 14 45.7	-0.8	
ENH	Enshi	76.03	310	eP	13 14 50.5	-0.2	
GYA	Guiyang	76.09	305	iP	13 14 52.1	+0.9	
GYA	Guiyang	76.09	305	iP	13 15 03.2	+1.0	
GYA	Guiyang	76.09	305	iP	13 15 08.6	+2.3	
GYA	Guiyang	76.09	305	iP	13 17 45.0	+2.5	
GYA	Guiyang	76.09	305	iP	13 24 34.5	+1.9	
GYA	Guiyang	76.09	305	iP	13 24 55.6		
GYA	Guiyang	76.09	305	iP	13 29 31.0	+4.3	
GYA	Guiyang	76.09	305	iP	13 14 52.1	+0.9	
GYA	Guiyang	76.09	305	iP	13 15 03.2	+1.0	
GYA	Guiyang	76.09	305	iP	13 15 08.6	+2.3	
GYA	Guiyang	76.09	305	iP	13 17 45.0	+2.5	
GYA	Guiyang	76.09	305	iP	13 24 34.5	+1.9	
GYA	Guiyang	76.09	305	iP	13 24 55.6		
GYA	Guiyang	76.09	305	iP	13 29 31.0	+4.3	
BSI	Banda Aceh	76.61	281	P	13 14 54.2	-0.2	
MAW	Mawson	77.41	202	P	13 14 58.6	+0.7	
MAW	Mawson	77.41	202	P	13 14 58.4	+0.5	
BJI	Beijing	77.47	321	P	13 14 59.3	+0.7	
BJI	Beijing	77.47	321	P	13 14 59.3	+0.7	
KMI	Kuming	78.50	302	P	13 15 06.5	+1.9	
KMI	Kuming	78.50	302	P	13 15 17.9	+2.2	
KMI	Kuming	78.50	302	P	13 15 21.4	+1.6	
KMI	Kuming	78.50	302	P	13 18 06.3	+3.6	
KMI	Kuming	78.50	302	P	13 24 59.5	+0.8	
XAN	Xi'an	78.51	313	P	13 15 05.8	+1.3	
XAN	Xi'an	78.51	313	P	13 15 15.3	-0.3	
XAN	Xi'an	78.51	313	P	13 15 19.9	+0.6	
XAN	Xi'an	78.51	313	P	13 18 03.5	+0.8	
XAN	Xi'an	78.51	313	P	13 25 01.1	+2.6	
XAN	Xi'an	78.51	313	P	13 25 17.3	+0.4	
XAN	Xi'an	78.51	313	P	13 30 06.0	+3.0	
XAN	Xi'an	78.51	313	P	13 15 05.8	+1.3	
XAN	Xi'an	78.51	313	P	13 15 15.3	-0.3	
XAN	Xi'an	78.51	313	P	13 15 19.9	+0.6	
XAN	Xi'an	78.51	313	P	13 18 03.5	+0.8	
XAN	Xi'an	78.51	313	P	13 25 01.1	+2.6	
XAN	Xi'an	78.51	313	P	13 25 17.3	+0.4	
XAN	Xi'an	78.51	313	P	13 30 06.0	+3.0	
CHTO	Chiang Mai	78.75	295	eP	13 15 07.1	+1.0	
CHTO	Chiang Mai	78.75	295	eP	13 15 07.1	+1.0	
CHTO	Chiang Mai	78.75	295	eP	13 15 07.1	+1.0	
CHTO	Chiang Mai	78.75	295	eP	13 15 07.1	+1.0	
CHTO	Chiang Mai	78.75					

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BFO Black Forest, DAVOS Davos, HAU Hinteralpe, etc.

IDD 09 13:43:35.9,0.9,6.70S,131.41E,h0km,mb4.4/9, mb1 4.6/12,mb1mx4.4/18,mbtmp4.5/12,ML4.6/3, Error ellipse: s-maj=48.8km s-min=17.2km az=72.0

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

IDD 09 13:51:02.3,6.4,21.75S,169.52E,h0km,mb3.9/3, mb1 4.1/3,mb1mx3.9/13,mbtmp3.9/3, Error ellipse: s-maj=233.3km s-min=47.3km az=147.0

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

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

IDD 09 14:02:56.6,1.6,20.20S,168.71E,h0km,mb4.3/6, mb1 4.4/6,mb1mx4.2/15,mbtmp4.3/6, Error ellipse: s-maj=38.2km s-min=35.3km az=174.0

NEICJ 09 14:02:59.9,1.6,20.20S,168.71E,0.2,h33km,mb4.2/7, Error ellipse: s-maj=30.2km s-min=19.9km az=23.2

ISC 09 14:03:02.0,1.3,20.33S,168.66E,h35km,mb4.4/1, Error ellipse: s-maj=26.6km s-min=21.3km az=143.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, ARMA Armidale, CTA Charters Tower, etc.

LDG 09 14:11:40.4,0.2,19.86S,168.51E,h10km,mb5.6/4, Error ellipse: s-maj=15.8km s-min=3.7km az=121.0

IDD 09 14:11:41.5,1.5,20.12S,168.71E,h10km,mb5.1/20, mb1 5.2/23,mb1mx3.1/25,mbtmp5.1/23,ML4.9/2,MS5.3/3, Ms1 5.3/3,ms1mx4.7/34, Error ellipse: s-maj=14.3km s-min=10.1km az=162.0

ISZGRF 09 14:11:42.7,19.92S,170.61E,h33km, Vanuatu Islands NEIC 09 14:11:43.6,0.2,20.16S,168.85E,h35km,mb5.4/37, Error ellipse: s-maj=7.2km s-min=5.0km az=162.0

BGS 09 14:11:44.4,3.8,20.16S,168.85E,h33km,mb5.4/37, Error ellipse: s-maj=11.5km s-min=9.2km az=121.1

DJA 09 14:11:54.20,30.36S,139.63E,h10km,mb5.5/17, Error ellipse: s-maj=11.5km s-min=9.2km az=121.1

ISC 09 14:11:44.7,0.9,20.10S,168.86E,0.03,h41km,gbkm, h38km,2.3km,pp-P,n567,0674/364,mb5.3/76,MS5.8/11, 129C-105D,Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, ARMA Armidale, HNZ Honiara, etc.

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

9d 14h

Table with columns for station ID, name, coordinates, and various performance metrics (pmax, mmax, etc.). Includes stations like CN2, ENH, GYA, KLR, MAW, KMI, XAN, CHTO, CD2, HHC, HIA, LZH, SHY, KDAK, SYO, NRG, CLNS, IMP, ULN, SHL, GTA, YAK.

2008 APR

Table with columns for station ID, name, coordinates, and various performance metrics (pmax, mmax, etc.). Includes stations like YAK, SONM, BILL, VES, MAIT, YBH, BFSC, ISA, EDW, MONP, VNA3, CWC, WCN, SWSC, VNA2, MPMC, GSC, GSC, GSC, BELC, VNA1, HEC, N06A, NVAR, LSA, LSA, LSA, LSA, GRAC, BC3, K05A, FURC, H04A, GLA, BOD, BOD, E03A, GMRC, IRM, NLWA, M07A, F04A, Y12C, L07A, J06A, V11A, S10A, ZAK, ZAK, I06A, Z13A, PDMCI, COLA, V12A, R10A, Y13A, H06A, Q10A, G06A, WVOR, WVOR, IRK, IRK, D05A, L08A, TLY, TLY, TLY, H14A, X13A, T11A, I07A, SKAG, W13A, R11A, E06A, TAPN, Y14A, J08A, Q11A, V13A.

358

Table with columns for station ID, name, coordinates, and various performance metrics (pmax, mmax, etc.). Includes stations like O10A, JCW, S12A, P11A, U13A, D06A, X14A, A05A, H08A, W14A, RPW, 216A, 116A, J09A, M10A, Y15A, T13A, O11A, R12A, C06A, E07A, V14A, RSW, Q12A, ETW, D07A, S13A, L10A, X15A, P12A, K10A, U14A, F08A, R13A, C07A, M11A, MOY, MOY, W15A, ELK, ELK, H09A, Y16A, T14A, ARUT, ARUT, Q13A, 117A, O12A, N12A, B07A, G09A, L11A, V15A, D08A, X16A, K11A, A07A, 318A, P13A, U15A, 218A, W16A, Y17A, M12A, GUN, OD2, T15A, B08A, D09A, Q14A, MFID, X17A, WUAZ, 118A, PKI, PKI, PKI, I11A, 319A, F10A, KKN, KKN, KKN, P14A.

Table with columns: LC, Lantto, 164.98 204, ePKP2, PKPab, 14 32 41.9 +0.3, comp=Z, 96nm, 1.2s

Table with columns: WRA, Warramunga Arr, 32.39 264, P, 14 22 32.5 -0.6, comp=Z, 1.5nm, 1.0s, baz=97, slow=8.1, SNR=2.5

Table with columns: IDG, 09 14:21:14.0, 4.0, 20.07S:169.81E, h0km, mb4.1/3, mb1 4.4/3, mb1mx4.0/13, mbtmp4.1/3, Error ellipse: s-maj=212.3km s-min=43.8km az=143.0, Loyalty Islands

Table with columns: LDG, 09 14:21:16.5, 0.2, 19.75S:168.42E, h10km, Mb5.6/4, Error ellipse: s-maj=16.0km s-min=4.1km az=119.0

Table with columns: DZM, Mont Dzumac, 2.95 228, ePn, Pn, 14 22 01.9 -1.7, comp=Z, 2um, 0.3s

Table with columns: HNR, Honiara, 13.64 320, eP, Pn, 14 24 29.3 -1.1, comp=Z, 692nm, 1.3s

Table with columns: ARMA, Armidale, 18.60 233, eP, Pn, 14 25 36.3 +2.0, comp=Z, 2.20nm, 1.1s

Table with columns: AF, Afiamalu, 19.55 75, P, Pn, 14 25 43.3 -2.6, comp=Z, 163nm, 1.1s

Table with columns: CTA, Charters Tower, 21.19 266, P, P, 14 26 03.3 +1.1, comp=Z, 1.93nm, 0.6s, mb5.6, baz=67, slow=11, SNR=79

Table with columns: MRZ, Mangatainoka R, 21.29 166, P, P, 14 26 03.5 +0.4, comp=Z, 225nm, 0.8s, mb5.5

Table with columns: WRA, Warramunga Arr, 32.36 264, P, P, 14 27 44.5 -1.7, comp=Z, 85nm, 0.8s, mb5.6, baz=95, slow=8.4, SNR=148

Table with columns: PPT, Papeete, 39.39 93, eP, P, 14 28 45.6 -0.9, comp=Z, 8.0nm, 1.3s, mb4.3

Table with columns: NWAO, Narogin (SRO), 47.46 243, eP, P, 14 29 50.9 -0.6, comp=Z, 2.86nm, 0.8s

Table with columns: CASY, Casey, 59.17 204, eP, P, 14 31 11.9 -1.1, comp=Z, 2.69nm, 0.8s, mb5.2

Table with columns: MAJO, Matsushiro, 63.34 333, eP, P, 14 31 46.1 +0.6, comp=Z, 2.27nm, 1.0s, mb5.3

Table with columns: IPM, Ipo, 70.87 282, P, P, 14 32 34.7 +0.8, comp=Z, 2.46nm, 0.9s, mb5.4

Table with columns: MDJ, Mudanjiang, 73.70 332, eP, P, 14 32 50.2 +0.1, comp=Z, 2.3um, 24.9s, MS5.5

Table with columns: HNR, Honiara, 13.64 320, eP, Pn, 14 24 29.3 -1.1, comp=Z, 2.1nm, 0.8s, mb5.1, baz=137, slow=6.3, SNR=21

Table with columns: C2, Changchun, 74.99 329, eP, P, 14 32 59.1 +1.4, comp=Z, 68nm, 1.7s, mb5.3

Table with columns: GYA, Guiyang, 75.92 310, eP, P, 14 33 05.2 +1.4, comp=Z, 60nm, 1.4s, mb5.3

Table with columns: MAW, Mawson, 77.48 202, eP, P, 14 33 11.3 -0.3, comp=Z, 3um, 20.0s, MS5.6

Table with columns: KMI, Kunming, 78.39 302, eP, P, 14 33 18.7 +1.3, comp=Z, 4.6nm, 1.0s, mb5.3

Table with columns: XAN, comp=N, 2um, 23.6s, MS5.4, LR, LR, comp=Z, 620nm, 9.7s

Table with columns: CMAR, Chiang Mai Arr, 78.50 295, P, P, 14 33 18.2 +0.2, comp=Z, 9.0nm, 0.8s, mb4.8, baz=128, slow=3.9, SNR=6.8

Table with columns: CD2, Chengdu, 80.45 308, eP, P, 14 33 28.2 -0.2, comp=Z, 2.1nm, 0.8s, baz=281, slow=3.6, SNR=9.2

Table with columns: OHAK, Old Harbor, 83.31 20, eP, P, 14 33 42.4 -0.4, comp=Z, 7um, 18.8s, MS6.1

Table with columns: SVW2, Sparrehoon, 85.84 16, eP, P, 14 33 56.7 +1.1, comp=Z, 4.1nm, 0.9s, mb5.6

Table with columns: YAK, Yakutsk, 87.58 343, eP, P, 14 34 02.0 -2.0, comp=Z, 36nm, 1.2s, mb5.5

Table with columns: YAK, Yakutsk, 87.58 343, eP, P, 14 34 02.1 -1.9, comp=Z, 36nm, 0.9s, mb5.5, baz=136, slow=4.7, SNR=58

Table with columns: YAK, Yakutsk, 87.58 343, eP, P, 14 34 02.1 -1.9, comp=Z, 36nm, 0.9s, mb5.5, baz=136, slow=4.7, SNR=58

Table with columns: YAK, Yakutsk, 87.58 343, eP, P, 14 34 02.1 -1.9, comp=Z, 36nm, 0.9s, mb5.5, baz=136, slow=4.7, SNR=58

Table with columns: YAK, Yakutsk, 87.58 343, eP, P, 14 34 02.1 -1.9, comp=Z, 36nm, 0.9s, mb5.5, baz=136, slow=4.7, SNR=58

Table with columns: YAK, Yakutsk, 87.58 343, eP, P, 14 34 02.1 -1.9, comp=Z, 36nm, 0.9s, mb5.5, baz=136, slow=4.7, SNR=58

L07A	Adell	90.56	45	↑P	P	14 34 18.8 +0.2
J06A	Christmas Vall	90.58	44	↓P	P	14 34 18.8 +0.1
S10A	Tonopah Range	90.67	50	↓P	P	14 34 19.0 -0.2
VFP	Flag Point	90.71	41	P	P	14 34 19.5 +0.4
ZAK	Zakamensk	90.77	324	eP	Pmax	14 34 18.7 -0.6
I06A	Prineville	90.86	43	↑P	P	14 34 20.2 +0.3
VIPM	Ingram PIM	90.86	42	P	P	14 34 20.3 +0.4
Z13A	Yuma Proving G	90.92	55	↓P	P	14 34 20.1 -0.4
GNW	Green Mountain	90.96	39	eP	P	14 34 20.2 -0.1
COLA	College	90.99	17	↓eP	P	14 34 21.2 +1.2
COLA	College	90.99	17	eP	P	14 34 20.7 +0.7
PDMCI	Parker Dam,Lak	90.99	54	↓P	P	14 34 20.8 +0.1
R10A	Warm Springs	91.03	49	↑P	P	14 34 20.9 +0.1
V12A	Nelson	91.03	52	↑P	P	14 34 20.3 -0.6
Y13A	Salome	91.04	54	↓P	P	14 34 20.8 -0.2
H06A	Lindquist Farm	91.15	42	↓P	P	14 34 21.3 +0.1
S11A	Rachel	91.16	50	↑P	P	14 34 21.0 -0.5
G06A	Carlson Farm	91.19	42	↑P	P	14 34 21.1 -0.3
Q10A	Clear Creek Ra	91.19	49	↓P	P	14 34 21.2 -0.4
WVOR	Wild Horse Val	91.21	45	eP	Pmax	14 34 21.2 -0.4
WVOR	Wild Horse Val	91.21	45	eP	P	14 34 21.2 -0.4
IRK	Irkutsk	91.21	326	eP	Pmax	14 34 21.2 -0.1
IRK	Irkutsk	91.21	326	eP	Pmax	14 34 21.2 -0.1
TLY	Talaya	91.25	326	eP	P	14 34 21.6 +0.1
TLY	Talaya	91.25	326	eP	Pmax	14 34 21.2 -0.3
TLY	Talaya	91.25	326	eP	P	14 34 20.7 -0.8
D05A	Ennumclaf	91.28	40	↑P	P	14 34 21.3 -0.5
L08A	Fields	91.30	45	↑P	P	14 34 21.8 -0.2
WPW	White Pass	91.31	40	P	P	14 34 22.2 +0.3
X13A	Yuca	91.34	54	↑P	P	14 34 21.7 -0.7
114A	Black Gap (USA	91.34	56	↑P	P	14 34 21.7 -0.8
I07A	Iz	91.38	43	↓P	P	14 34 22.3 0.0
T11A	Corn Creek, Al	91.38	51	↑P	P	14 34 22.3 -0.2
GSM	Grass Mountain	91.40	40	P	P	14 34 23.2 +0.9
SKAG	Skagway	91.40	25	eP	P	14 34 21.6 -0.4
W13A	Hualapai Mount	91.50	53	↑P	P	14 34 22.7 -0.4
TAPN	Taplejung	91.54	298	eP	P	14 34 24.0 +0.5
R11A	Troy Canyon, C	91.57	50	↓P	P	14 34 22.8 -0.6
ODAN	Odare	91.63	298	eP	P	14 34 25.2 +1.3
Y14A	Wickenburg	91.71	54	↓P	P	14 34 23.8 -0.4
J08A	Circle Bar Ran	91.73	44	↑P	P	14 34 23.7 -0.3
Q11A	Duckwater	91.73	49	↓P	P	14 34 23.4 -0.7
V13A	Grand Canyon W	91.73	52	↓P	P	14 34 23.4 -0.8
O10A	Cortez Mining,	91.74	48	↑P	P	14 34 23.6 -0.5
JCW	Jim Creek	91.79	39	↓P	P	14 34 24.8 +0.7
S12A	Delamar Landin	91.80	51	↑P	P	14 34 24.5 0.0
P11A	Circle Ranch,	91.95	48	↑P	P	14 34 24.8 -0.3
U13A	Pakoon Wash	91.97	52	↑P	P	14 34 25.1 -0.1
D06A	Cle Elum	91.97	40	↓P	P	14 34 25.0 0.0
X14A	Yava	92.01	54	↓P	P	14 34 25.5 0.0
H08A	Prairie City	92.11	43	↑P	P	14 34 25.8 +0.1
W14A	Selignan	92.15	53	↑P	P	14 34 26.3 +0.2
RPW	Rockport	92.16	39	eP	P	14 34 25.2 -0.6
216A	Three Points,	92.17	57	↓P	P	14 34 26.2 -0.1
N16A	Eloy	92.19	56	↑P	P	14 34 26.4 +0.1
J09A	Fry Pan Ranch,	92.19	44	↑P	P	14 34 26.3 +0.2
M10A	L.L. Ranch, Tu	92.23	46	↑P	P	14 34 26.5 +0.1
Y15A	Casa Rosa Ran	92.23	55	↑P	P	14 34 25.9 -0.6
T13A	Saint George	92.25	51	↑P	P	14 34 26.7 +0.1
O11A	Cowboy Ranch,	92.26	48	↑P	P	14 34 26.5 0.0
R12A	Pony Springs,	92.27	50	↑P	P	14 34 26.5 -0.1
E07A	Sunnyside	92.28	41	↑P	P	14 34 26.5 +0.1
V14A	Boquillas Ranc	92.30	53	↓P	P	14 34 27.2 +0.4
RAMN	Ramite	92.32	298	eP	P	14 34 28.3 +1.2
RSW	Rattlesnake Hi	92.37	41	eP	P	14 34 24.8 -2.0
Q12A	Willow Creek R	92.39	49	↑P	P	14 34 27.2 +0.1
ETW	Entiat	92.47	40	↓P	P	14 34 27.4 +0.1
D07A	Quincy	92.50	40	↓P	P	14 34 27.4 0.0
L10A	Juniper Basin	92.51	46	↑P	P	14 34 27.4 -0.2
X15A	Humboldt	92.51	54	↑P	P	14 34 28.0 +0.1
P10A	McGill	92.51	49	↑P	P	14 34 27.9 +0.2
K12A	MacKenzie Ranc	92.53	45	↓P	P	14 34 28.0 +0.3
U14A	Mt Trumbull	92.55	52	↓P	P	14 34 28.4 +0.5
F08A	Pendleton	92.61	42	↑P	P	14 34 28.1 +0.2
MOY	Mondy	92.66	325	eP	P	14 34 29.2 +1.1
R13A	O'Grain Ranch,	92.67	50	↓P	P	14 34 28.4 0.0
C07A	Waterville	92.67	40	↓P	P	14 34 28.4 +0.2
M11A	Holland Ranch,	92.70	47	↑P	P	14 34 28.8 +0.3
W15A	Williams	92.76	54	↓P	P	14 34 28.7 -0.2
H09A	Durkee	92.82	43	↓P	P	14 34 29.2 +0.2
Y16A	Circle Bar Ran	92.86	55	↑P	P	14 34 29.8 +0.3
T14A	Hurricane	92.87	52	↓P	P	14 34 29.4 0.0
ARUT	Antelope Range	92.90	51	eP	Pmax	14 34 30.5 +1.0
ARUT	Antelope Range	92.90	51	eP	Pmax	14 34 30.5 +1.0
Q13A	Wheeler Ranch,	92.94	50	↑P	P	14 34 29.6 -0.1
117A	Oracle	92.95	56	↓P	P	14 34 29.7 -0.2
O12A	Currie	92.95	48	↑P	P	14 34 29.6 0.0
N12A	Clover Valley,	92.98	48	↓P	P	14 34 29.8 0.0

B07A	Winthrop	92.99	39	↑P	P	14 34 30.0 +0.4
G09A	Cove	93.01	43	↓P	P	14 34 30.2 +0.4
L11A	Cat Creek Ranc	93.03	46	↓P	P	14 34 30.6 +0.6
V15A	Kaibab Nationa	93.07	53	↑P	P	14 34 30.5 +0.2
D08A	Wollman Farm,	93.08	41	↓P	P	14 34 30.7 +0.6
K11A	Parker Ranch,	93.09	45	↓P	P	14 34 30.9 +0.7
X16A	Lo Mia Camp, P	93.09	55	↓P	P	14 34 30.6 +0.1
A07A	Ashnola River,	93.10	38	↑P	P	14 34 30.4 +0.2
318A	Bisbee	93.12	58	↑P	P	14 34 30.2 -0.5
P13A	Bates Ranch, G	93.14	49	↓P	P	14 34 30.8 +0.2
U15A	North Rim	93.22	52	↓P	P	14 34 30.9 -0.1
GUN	Gumba	93.26	298	eP	P	14 34 31.0 -0.4
218A	Dragon	93.27	57	↑P	P	14 34 31.3 -0.1
Y17A	Roosevelt	93.28	55	↑P	P	14 34 31.2 -0.2
M12A	Wells	93.30	47	↑P	P	14 34 31.1 -0.1
C08A	Higinbotham F	93.33	40	↑P	P	14 34 31.4 +0.2
OD2	Odessa Site #2	93.35	40	eP	P	14 34 31.6 +0.2
D09A	Jones Farm, Ri	93.45	41	↓P	P	14 34 31.8 -0.1
Q14A	Sevier Lake (B	93.48	50	↓P	P	14 34 32.1 -0.1
MFID	Camas Ranch	93.50	45	↓P	P	14 34 31.9 -0.2
PKI	Pulchoki	93.53	298	eP	P	14 34 32.4 -0.3
WUAZ	Wupatki	93.56	54	↑P	P	14 34 32.9 +0.3
118A	Homack Ranch,	93.58	57	↑P	P	14 34 32.9 +0.2
I11A	Placerville	93.61	44	↑P	P	14 34 32.7 +0.1
F10A	Beach Ranch, E	93.66	42	↑P	P	14 34 32.8 0.0
319A	Douglas	93.66	58	↑P	P	14 34 33.6 +0.4
KKK	Kakani	93.71	298	eP	P	14 34 33.1 -0.4
KKK	Kakani	93.71	298	eP	Pmax	14 34 33.1 -0.4
DMN	Daman	93.79	298	eP	P	14 34 33.7 -0.2
P14A	Drum Mountains	93.87	49	↑P	P	14 34 34.2 +0.3
219A	White Tail Can	93.91	57	↑P	P	14 34 34.5 +0.2
H11A	Donnelly	93.91	44	↑P	P	14 34 34.3 +0.3
Y18A	Canyon Day Jun	93.94	56	↑P	P	14 34 34.4 -0.1
G11A	Walters Elk Ra	94.03	43	↓P	P	14 34 34.9 +0.3
V17A	Tonalea, Kykot	94.04	54	↑P	P	14 34 34.9 +0.1
MSU	Marysvalde	94.09	51	eP	Pmax	14 34 33.6 -1.4
MSU	Marysvalde	94.09	51	eP	P	14 34 33.6 -1.4
I12A	Atlanta	94.11	45	↑P	P	14 34 35.2 +0.3
A09A	Danville	94.13	39	↓P	P	14 34 35.6 +0.7
119A	Ashpeak Ranch,	94.15	57	↓P	P	14 34 35.2 -0.2
320A	Kipp Ranch, An	94.25	58	↑P	P	14 34 36.0 +0.1
GKN	Gorkha	94.32	298	eP	P	14 34 35.4 -0.9
M14A	Sheep Mountain	94.41	47	↓P	P	14 34 36.6 +0.2
HLID	Hailey	94.50	45	↑P	P	14 34 37.0 +0.2
J13A	Cove Ranch, Pi	94.59	45	↑P	P	14 34 38.1 +1.0
120A	U Bar Ranch, L	94.60	57	↓P	P	14 34 37.9 +0.5
H12A	Diamond D Ranc	94.60	44	↑P	P	14 34 37.4 +0.3
Y19A	Nutrisio	94.61	56	↑P	P	14 34 37.8 +0.3
L14A	Malta	94.69	47	↓P	P	14 34 37.7 +0.1
F12A	Elk City	94.83	43	↑P	P	14 34 38.0 -0.2
I13A	Wildhorse Cree	94.83	45	↑P	P	14 34 37.8 -0.5
E12A	Beaver Dam Sad	94.89	42	↓P	P	14 34 38.0 -0.4
H13A	Challis	95.00	44	↑P	P	14 34 38.8 -0.2
J14A	Carey	95.00	46	↑P	P	14 34 38.9 -0.2
M15A	Larsen Ranch,	95.02	48	↑P	P	14 34 38.8 -0.3
KOLN	Koldania	95.10	298	eP	P	14 34 40.1 +0.2
R17A	Hanksville Air	95.13	51	↑P	P	14 34 39.4 -0.3
DANN	Dangsing	95.17	298	eP	P	14 34 39.1 -1.1
G13A	Cobalt	95.22	44	↓P	P	14 34 40.0 0.0
B11A	Sandpoint	95.23	40	↓P	P	14 34 39.9 0.0
121A	Cookes Peak, D	95.26	57	↓P	P	14 34 40.0 -0.5
L15A	Malad City	95.27	47	↑P	P	14 34 40.3 0.0
Y20A	Hot Springs,	95.28	56	↑P	P	14 34 40.4 -0.1
T18A	Mexican Hat	95.28	52	↑P	P	14 34 40.2 -0.3
I14A	MacKay	95.28	45	↑P	P	14 34 40.2 -0.2
S18A	Hurst Farm, Bl	95.39	52	↓P	P	14 34 40.1 -0.9
F13A	Darby	95.43	43	↓P	P	14 34 40.3 -0.6
A11A	Hall Mountain,	95.44	40	↑P	P	14 34 40.5 -0.4
TIXI	Tiksi	95.51	348	eP	Pmax	14 34 38.7 -2.0
TIXI	Tiksi	95.51	348	eP	Pmax	14 34 3

Table with columns: Call, Collm, Frequency, and various status codes. Includes stations like PKIKP, PKPbc, PKP, etc.

Table with columns: Call, Station Name, Frequency, and various status codes. Includes stations like PII, SOI, SSF, RSL, GRR, etc.

Table with columns: Code, Station Name, Frequency, and various status codes. Includes stations like GTA, SOMN, NVAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like BOSHA, BOSHO, TORO, etc.

CSEM 09 14:28:45.2, 37.65N, 20.65E, h5km, MD3.3, After ATH

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like VLS, VLS, ITM, etc.

IDC 09 14:29:33.4, 6.9, 20.245, 168.90E, h0km, mb3.8/3,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like WRA, ASAR, FITZ, etc.

IDC 09 14:29:47.7, 3.7, 20.235, 168.47E, h0km, mb4.0/5,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like STKA, WRA, ASAR, etc.

IDC 09 14:32:11.1, 1.1, 25.285, 177.17E, h0km, mb3.9/2,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like CTA, CTAO, STKA, etc.

IDC 09 14:35:30.0, 0.8, 20.205, 168.99E, h0km, mb4.4/12,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like WRA, ASAR, FITZ, etc.

IDC 09 14:35:33.4, 3.6, 20.45, 0.1x168.96E, 0.09, h19km, 23km,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like PLUM, LUM, DZM, etc.

IDC 09 14:39:29.3, 2.0, 34.35, 168.83E, h0km, mb4.2/6,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like CTA, CTAO, STKA, etc.

IDC 09 14:40:57.5, 4.9, 20.285, 168.94E, h0km, mb3.9/3,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like WRA, WRA, ASAR, etc.

IDC 09 14:42:03.0, 0.8, 20.205, 168.99E, h0km, mb4.4/12,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like CTA, CTAO, STKA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like MJAR, GSPA, CMAR, etc.

IDC 09 14:36:24.26, 7.9S, 171.30E, h20km, mb4.8/5

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like BFO, HNF, HDN, etc.

IDC 09 14:36:41.8, 20.50S, 168.90E, h38km, mb5.4/3, mb4.8/10

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like LPL, LPL, LPL, etc.

IDC 09 14:36:44.8, 0.2, 19.96S, 168.67E, h10km, Mb5.1/4, Error

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like ARMA, URZ, CTA, etc.

IDC 09 14:36:46.3, 20.10S, 170.17E, h33km, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like ARMA, URZ, CTA, etc.

IDC 09 14:35:33.4, 3.6, 20.45, 0.1x168.96E, 0.09, h19km, 23km,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like ARMA, URZ, CTA, etc.

IDC 09 14:39:29.3, 2.0, 34.35, 168.83E, h0km, mb4.2/6,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like ARMA, URZ, CTA, etc.

IDC 09 14:39:29.3, 2.0, 34.35, 168.83E, h0km, mb4.2/6,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like ARMA, URZ, CTA, etc.

IDC 09 14:39:29.3, 2.0, 34.35, 168.83E, h0km, mb4.2/6,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like ARMA, URZ, CTA, etc.

IDC 09 14:39:29.3, 2.0, 34.35, 168.83E, h0km, mb4.2/6,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like ARMA, URZ, CTA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like YKA, YKA, MKAR, etc.

IDC 09 14:39:29.3, 2.0, 34.35, 168.83E, h0km, mb4.2/6,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like YKA, YKA, MKAR, etc.

IDC 09 14:39:29.3, 2.0, 34.35, 168.83E, h0km, mb4.2/6,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like YKA, YKA, MKAR, etc.

IDC 09 14:39:29.3, 2.0, 34.35, 168.83E, h0km, mb4.2/6,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like YKA, YKA, MKAR, etc.

IDC 09 14:39:29.3, 2.0, 34.35, 168.83E, h0km, mb4.2/6,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like YKA, YKA, MKAR, etc.

IDC 09 14:39:29.3, 2.0, 34.35, 168.83E, h0km, mb4.2/6,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like YKA, YKA, MKAR, etc.

IDC 09 14:39:29.3, 2.0, 34.35, 168.83E, h0km, mb4.2/6,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like YKA, YKA, MKAR, etc.

IDC 09 14:39:29.3, 2.0, 34.35, 168.83E, h0km, mb4.2/6,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like YKA, YKA, MKAR, etc.

IDC 09 14:39:29.3, 2.0, 34.35, 168.83E, h0km, mb4.2/6,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like YKA, YKA, MKAR, etc.

IDC 09 14:39:29.3, 2.0, 34.35, 168.83E, h0km, mb4.2/6,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for stations like YKA, YKA, MKAR, etc.

LNOR	comp=Z,54nm,2.0s,mb5.6	92.84	42 eP	P	15 00 59.0 -1.0
LNOR	Linnton Mounta	92.84	42 eP	P	15 01 00.4 +0.2
O12A	Currie	92.84	48 U P	P	15 01 01.3 +0.9
117A	Oracle	92.85	56 U P	P	15 01 02.0 +0.2
B07A	Winthrop	92.87	39 U P	P	15 01 01.1 +0.9
N12A	Clover Valley,	92.87	47 U P	P	15 01 00.3 0.0
G09A	Cove	92.90	43 U P	P	15 01 01.2 +0.8
L11A	Cat Creek Ranc	92.92	46 U P	P	15 01 00.8 +0.2
D08A	Wollman Farm,	92.97	41 U P	P	15 01 02.0 +1.1
V15A	Kaibab Nationa	92.97	53 U P	P	15 01 01.6 +0.7
S14A	Cedar City	92.98	51 U P	P	15 01 01.2 +0.4
K11A	Parker Ranch,	92.98	45 U P	P	15 01 00.8 +0.2
A07A	Ashnola River,	92.99	38 U P	P	15 01 02.1 +1.1
X16A	Lo Mia Camp, P	92.99	55 U P	P	15 01 00.7 -0.1
F09A	S2 Ranch, Elgi	93.00	42 U P	P	15 01 01.8 +0.6
318A	Bisbee	93.02	58 U P	P	15 01 01.0 +0.1
I10A	Payette	93.02	44 U P	P	15 01 01.5 +0.4
P13A	Bates Ranch, G	93.03	49 U P	P	15 01 02.7 +0.9
U15A	North Rim	93.11	52 U P	P	15 01 02.4 +0.6
218A	Dragon	93.17	57 U P	P	15 01 02.6 +0.7
W16A	Flagstaff	93.18	54 U P	P	15 01 02.2 +0.5
Y17A	Roosevelt	93.18	55 U P	P	15 01 02.0 +0.4
M12A	Welis	93.19	47 U P	P	15 01 01.6 -0.2
C08A	Higginbotham F	93.21	40 U P	P	15 01 03.0 +0.8
OD2	Odessa Site #2	93.24	40 eP	P	15 01 01.7 -0.3
T15A	Red Dirt Ranch	93.27	52 U P	P	15 01 02.8 +0.5
H10A	Noah's Angus R	93.27	44 U P	P	15 01 01.4 -0.6
R14A	James Farms, M	93.29	50 U P	P	15 01 02.9 +0.4
B08A	Colville Reser	93.29	39 U P	P	15 01 02.7 +0.3
Z17A	San Carlos Hig	93.32	56 U P	P	15 01 02.0 -0.2
O13A	Hicks Ranch, I	93.32	48 U P	P	15 01 02.5 +0.2
G10A	Bishop Farm, J	93.33	43 U P	P	15 01 03.4 +0.8
D09A	Jones Farm, Ri	93.34	41 U P	P	15 01 02.9 +0.3
Q14A	Sevier Lake (B	93.38	50 U P	P	15 01 03.0 +0.3
MFID	Camas Ranch	93.38	45 U P	P	15 01 03.0 +0.3
L12A	House Creek Ra	93.41	46 U P	P	15 01 03.0 +0.3
X17A	Forest Lakes	93.45	55 U P	P	15 01 03.0 +0.1
N13A	Wendover, West	93.45	48 U P	P	15 01 02.6 -0.4
N13A	Wendover, West	93.45	48 eP	P	15 01 03.6 +0.5
WUAZ	Wupatki	93.45	54 U P	P	15 01 03.9 +0.6
118A	Homack Ranch,	93.47	57 U P	P	15 01 03.4 +0.3
111A	Placerville	93.50	44 U P	P	15 01 04.5 +1.1
S15A	Panguitch	93.53	51 U P	P	15 01 02.8 -0.5
F10A	Beach Ranch, E	93.55	42 U P	P	15 01 04.6 +0.9
319A	Douglas	93.56	58 U P	P	15 01 04.4 +0.6
Z18A	Geronimo	93.58	50 U P	P	15 01 03.9 -0.1
C09A	Chrisman Ranch	93.59	40 U P	P	15 01 04.7 +0.3
K12A	Draper Farm, C	93.69	46 U P	P	15 01 05.3 +0.6
P14A	Drum Mountains	93.76	49 U P	P	15 01 04.0 0.0
W17A	Winslow	93.79	54 U P	P	15 01 05.3 +0.7
H11A	Donnelly	93.79	44 U P	P	15 01 04.9 +0.1
R15A	Junction	93.80	51 U P	P	15 01 05.2 +0.3
219A	White Tail Can	93.80	57 U P	P	15 01 04.3 -0.3
Y18A	Canyon Day Jun	93.84	56 U P	P	15 01 05.4 +0.4
E10A	Myers Farm, Un	93.84	42 U P	P	15 01 05.4 +0.3
U16A	Tuba City	93.87	53 U P	P	15 01 04.2 -0.7
T16A	Glen Canyon Da	93.90	52 U P	P	15 01 05.3 0.0
G11A	Walters Elk Ra	93.92	43 U P	P	15 01 04.8 -0.4
V10A	Tonalea, Kytot	93.93	54 U P	P	15 01 05.8 +0.3
D17A	Wagner Farm, O	93.98	41 U P	P	15 01 05.8 +0.4
MSU	Marysvalle	93.99	51 eP	Pmax	15 01 05.8 +0.4
MSU	Marysvalle	93.99	51 eP	Pmax	15 01 05.8 +0.4
I12A	Atlanta	94.00	45 U P	P	15 01 05.5 -0.1
A09A	Danville	94.01	39 U P	P	15 01 05.3 -0.1
Q15A	Fillmore	94.03	50 U P	P	15 01 06.1 +0.2
B09A	Rice	94.03	40 U P	P	15 01 06.0 0.0
119A	Ashpeak Ranch,	94.04	57 U P	P	15 01 06.9 +0.5
L13A	Double Diamond	94.12	47 U P	P	15 01 06.3 +0.1
320A	Kipp Ranch, An	94.15	58 U P	P	15 01 06.4 +0.2
N14A	Grayback Hills	94.16	48 U P	P	15 01 06.6 +0.2
DUG	Dugway	94.17	49 U P	P	15 01 06.3 +0.1
X18A	Snowflake	94.18	55 U P	P	15 01 06.7 +0.1
F11A	Grangeville	94.19	43 U P	P	15 01 06.6 -0.3
K13A	Stover Farm, H	94.25	46 U P	P	15 01 06.0 -0.5
Z19A	T-Link Ranch,	94.26	56 U P	P	15 01 06.7 -0.2
C10A	Spiker Farm,	94.28	40 U P	P	15 01 06.9 -0.4
M14A	Sheep Mountain	94.30	47 U P	P	15 01 06.5 -0.5
220A	Playas Peak, P	94.35	58 U P	P	15 01 07.2 0.0
E11A	Bogner Ranch,	94.35	42 U P	P	15 01 07.8 +0.4
HLID	Hailey	94.39	45 U P	P	15 01 07.8 +0.3
U17A	Shonto	94.39	53 U P	P	15 01 07.7 +0.1
R16A	Teasdale	94.41	51 U P	P	15 01 07.7 +0.1
T17A	Navajo Res., N	94.43	52 U P	P	15 01 07.7 +0.1
O15A	The Old Anders	94.45	49 U P	P	

J13A	baz=95	94.48	45 U P	P	15 01 08.0 +0.4
H12A	Diamond D Ranc	94.49	44 U P	P	15 01 07.7 +0.1
T20A	U Bar Ranch, L	94.49	57 U P	P	15 01 08.0 +0.1
Y19A	Nutrioso	94.51	56 U P	P	15 01 08.0 0.0
W18A	Petrified Fore	94.55	54 U P	P	15 01 08.0 -0.2
D11A	Klaveano Farm,	94.56	41 U P	P	15 01 07.5 -0.3
L14A	Malak	94.58	47 U P	P	15 01 08.1 0.0
V18A	Canado	94.62	54 U P	P	15 01 07.9 -0.3
A10A	North	94.62	39 U P	P	15 01 08.2 -0.2
N15A	Stansbury Isla	94.64	48 U P	P	15 01 08.8 +0.1
X19A	St. Johns	94.65	55 U P	P	15 01 08.1 -0.5
S17A	Black Ridge (B	94.65	52 U P	P	15 01 08.1 -0.5
F12A	Elk City	94.71	43 U P	P	15 01 09.1 +0.4
I13A	Wildhorse Cree	94.72	45 U P	P	15 01 09.0 0.0
Z20A	Nine Sixteen R	94.73	57 U P	P	15 01 08.5 -0.4
E12A	Bear Dam Sad	94.78	42 U P	P	15 01 09.3 -0.1
W19A	Sanders	94.82	55 U P	P	15 01 09.2 0.0
K14A	Jones Ranch, D	94.82	46 U P	P	15 01 09.7 +0.2
Q16A	Castle Valley	94.87	50 U P	P	15 01 09.2 -0.2
H13A	Challis	94.89	44 U P	P	15 01 10.1 +0.6
J14A	Carey	94.89	46 U P	P	15 01 09.8 +0.2
M15A	Larsen Ranch,	94.91	48 U P	P	15 01 09.4 -0.4
U18A	Rough Rock, Ch	94.92	53 U P	P	15 01 09.9 -0.3
221A	Mesquite Ranch	94.98	58 U P	P	15 01 10.3 0.0
R17A	Hazelville Air	95.02	51 U P	P	15 01 10.5 0.0
O16A	Springville	95.11	49 U P	P	15 01 09.8 -0.7
G13A	Cobalt	95.11	44 U P	P	15 01 09.3 -1.1
B11A	Sandpoint	95.16	47 U P	P	15 01 09.9 -0.8
L15A	Malad City	95.16	47 U P	P	15 01 10.6 -0.4
121A	Cookes Peak, D	95.16	57 U P	P	15 01 10.8 0.0
I14A	Mackay	95.17	45 U P	P	15 01 10.8 -0.3
Y20A	Horse Springs,	95.17	56 U P	P	15 01 10.2 -0.5
D12A	Red Ives Fores	95.17	42 U P	P	15 01 11.3 -0.1
T18A	Mexican Hat	95.17	52 U P	P	15 01 11.2 -0.3
S18A	Hurst Farm, Bl	95.28	52 U P	P	15 01 11.3 -0.3
V19A	Winlow Rock	95.29	54 U P	P	15 01 10.9 -0.6
X20A	Quemado	95.30	55 U P	P	15 01 11.0 -0.4
K15A	Arbon	95.32	47 U P	P	15 01 11.3 -0.1
F13A	Darby	95.32	43 U P	P	15 01 11.6 -0.1
A11A	Hall Mountain,	95.33	40 U P	P	15 01 11.6 -0.1
DAU	Daniels Canyon	95.36	49 eP	Pmax	15 01 11.6 -0.1
DAU	Daniels Canyon	95.36	49 eP	Pmax	15 01 11.6 -0.1
U19A	Dine' College,	95.37	53 U P	P	15 01 11.5 -0.3
P17A	Butcher Ranch,	95.38	50 U P	P	15 01 12.0 +0.1
N16A	Rees Ranch, Co	95.40	49 U P	P	15 01 11.4 -0.6
SRU	San Rafael	95.41	50 U P	P	15 01 09.6 -1.7
TIXI	Tiksi	95.42	348 i P	Pmax	15 01 09.7 -1.5
TIXI	Tiksi	95.42	348 eP	Pmax	15 01 12.3 +0.1
H14A	Leare	95.49	45 U P	P	15 01 12.3 -0.2
W20A	Ramah	95.50	55 U P	P	15 01 11.8 -0.8
Z21A	St. Cloud Mine	95.52	57 U P	P	15 01 13.1 +0.1
R18A	Canyonlands Na	95.61	51 U P	P	15 01 13.0 +0.1
J15A	Blackfoot	95.65	46 U P	P	15 01 12.9 -0.1
E13A	Victor	95.67	43 U P	P	15 01 12.8 -0.5
G14A	Jackson	95.67	44 U P	P	15 01 13.2 -0.2
Q18A	Rafter H Ranch	95.69	51 U P	P	15 01 13.4 +0.2
T19A	Beclabito	95.70	53 U P	P	15 01 13.3 0.0
A12A	Yaak River Ran	95.75	40 U P	P	15 01 13.8 +0.1
D13A	Huson	95.75	42 U P	P	15 01 13.3 -0.3
Y21A	Point of Rocks	95.76	56 U P	P	15 01 13.3 -0.3
V20A	Brimhall	95.76	54 U P	P	15 01 13.3 -0.4
P18A	Preston Nutter	95.80	50 U P	P	15 01 13.1 -0.9
X21A	Alamocita Cree	95.82	56 U P	P	15 01 13.6 -0.2
L16A	Fish Haven	95.82	47 U P	P	15 01 12.1 -1.7
I15A	Montevideo	95.84	45 U P	P	15 01 13.5 -0.4
BSMT	Bassoo Peak	95.84	41 eP	P	15 01 14.4 +0.3
N17A	Moffitt Pass	95.85	49 U P	P	15 01 13.8 -0.2
C13A	Hot Springs	95.91	41 U P	P	15 01 14.2 -0.1
MCMT	McKenzie Canyo	95.91	44 eP	P	15 01 14.6 -0.1
H15A	Lima	95.97	45 U P	P	15 01 14.6 -0.1
K16A	Soda Springs	96.02	47 U P	P	15 01 15.0 +0.1
R19A	Curley Farm, L	96.04	52 U P	P	15 01 15.5 -0.1
HYB	Hyderabad	96.10	286 i P	P	15 01 15.5 -0.1
HWB	Hyderabad	96.10	286 eP	P	15 01 14.4 -0.6
E14A	Clinton	96.10	43 U P	P	15 01 13.8 -1.2
JTMT	Jette	96.12	41 P	P	15 01 14.6 -0.8
M17A	Scouts Gap (B	96.16	48 U P	P	15 01 15.3 0.0
J16A	Bone	96.16	46 U P	P	15 01 14.9 -0.7
O18A	Roosevelt	96.19	50 U P	P	15 01 15.0 +0.1
L17A	Cokeville	96.24	48 U P	P	15 01 15.5 -0.3
B13A	Whitefish	96.25	41 U P	P	15 01 15.9 +0.1
Q19A	Hogan Spring (	96.27	51 U P	P	15 01 14.5 -1.3
G15A	Dillon	96.28	44 U P	P	
DLMT	Dillon	96.28	44 eP	P	

LAZ	comp=Z,29nm,1.2s,mb5.6	96.31
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2008 APR

Table with columns: ID, Name, RA, Dec, Mag, Type, and other parameters. Includes entries like 92d 14h, 226A Malaga, Q22A Crested Butte, B16A M & M Farms, 628A Black Gap, 427A Hayter Ranch, N21A Black Mountain, D17A Six Diamond Ra, PLCA Paso Flores, etc.

Table with columns: Name, RA, Dec, Mag, Type, and other parameters. Includes entries like DAG comp=Z,31nm,0.8s, DAG Danmarks Havn, LVZ Lovozero, LVZ Lovozero, LVZ Lovozero, LVZ Lovozero, etc.

Table with columns: Name, RA, Dec, Mag, Type, and other parameters. Includes entries like NACGM Maroch, SIM Simferopol, SIM Jabal al Asfar, MOL Moide, AKASG Malin Array Be, AKASG Malin Array Be, AKASG Malin Array Be, etc.

Table with columns for code, name, time, and status. Includes entries like Panska Ves, Vitosha, Berggiesshubel, Colim, etc.

Table with columns for code, name, time, and status. Includes entries like Krusevo, Haverah Park, Berane, Kog, etc.

Table with columns for code, name, time, and status. Includes entries like HAU, BBS, TUE, CING, LOMF, etc.

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

IDC 09 14:50:14.2,3,7,20.03S;168.94E,h0km,mb4.4, mb1 5.0/4,mb1mx4.6/15,mbtmp4.9/4, Error ellipse: s-maj=140.8km s-min=35.5km az=150.0

NEIC 09 14:50:19.4,1.5,19.87S;168.99E,h35km, Error ellipse: s-maj=30.3km s-min=24.6km az=143.0

ISC 09 14:50:18.3,3.1,19.9S;0.2;169.1E;0.4,h35km,n9, c0757.7,mb4.8/4,Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HNR, CTA, CTA, CTA, WRA, WRA, ASAR, ASAR, SONM, GERES, GERES, DAVOX, DAVOX.

IDC 09 14:50:57.0,2.8,20.38S;169.00E,h0km,mb5.1/6, mb1 5.3/6,mb1mx4.8/16,mbtmp5.1/6, Error ellipse: s-maj=101.0km s-min=20.3km az=148.0

NEIC 09 14:51:00.5,1.9,20.59S;169.13E,h35km, Error ellipse: s-maj=66.8km s-min=16.1km az=145.0

ISC 09 14:50:59.2,5.5,21.0S;0.9;169.3E;0.7,h35km,n11, c108/11,mb5.17,Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DZM, CTA, CTA, CTA, WRAB, WRA, WRA, ASAR, ASAR, FITZ, FITZ, FITZ, FITZ, UNL, UNL, ARCER, ARCER, GERES, GERES, DAVOX, DAVOX.

IDC 09 14:53:18.5,3,7,20.01S;168.37E,h0km,mb4.4/4, mb1 4.6/4,mb1mx4.2/15,mbtmp4.4/4, Error ellipse: s-maj=128.0km s-min=30.2km az=145.0,Loyalty Islands

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

IDC 09 14:53:39.4,4.0,20.65S;169.16E,h0km,mb4.7/4, mb1 4.9/4,mb1mx4.3/16,mbtmp4.7/4, Error ellipse: s-maj=179.5km s-min=36.9km az=155.0,Vanuatu Islands

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

NEIC 09 14:58:55.0,4.0,20.05S;168.76E,mb4.3/1, Error ellipse: s-maj=13.5km s-min=11.2km az=188.0

IDC 09 14:58:55.4,1.1,20.11S;168.75E,h40km,mb4.2/9, mb1 4.4/10,mb1mx4.2/18,mbtmp4.2/10,ML3.7/1, Error ellipse: s-maj=24.0km s-min=21.6km az=174.0

ISC 09 14:58:55.5,4.9,20.1S;0.2;168.8E;0.1,h43km,44km, h43km,1.5km;p-P,n37,c058/16,mb4.3/9,Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like URZ, CTA, CTA, CTA, WRA, WRA, ASAR, ASAR, FITZ, FITZ, GSPA, GSPA, GSPA, GSPA, PETK, PETK, CMAR, CMAR, VNA3, VNA3, VNA2, VNA2, NVAR, NVAR, CPUP, CPUP.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CPUP, ARCER, ARCER, SCHO, SCHO, KHC, KHC, GERES, GERES, GIVF, GIVF, BAIF, BAIF, CDF, CDF, DAVOX, DAVOX, HAU, HAU, MEZF, MEZF, CABF, CABF, LDF, LDF, LOR, LOR, SSF, SSF, LPL, LPL, LPL, LPL, TCF, TCF.

ISC/BJ 09 15:01:46.0,0.9,20.3S;0.1;168.7E;0.1,h33km,mb4.1/11, Error ellipse: s-maj=26.0km s-min=10.4km az=44.7

NEIC 09 15:01:48.0,0.8,20.32S;168.84E,mb4.3/2, Error ellipse: s-maj=25.4km s-min=13.8km az=145.0

IDC 15:01:48.2,1.3,20.71S;168.80E,h40km,8km,mb3.9/9, mb1 4.1/9,mb1mx3.9/16,mbtmp3.9/9, Error ellipse: s-maj=30.4km s-min=22.2km az=145.0

ISC 09 15:01:47.9,0.9,20.3S;0.1;168.7E;0.1,h35km, (h43km,6km;p-P),n20,c099/17,mb4.1/11,Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DZM, CTA, CTA, CTA, STKA, STKA, WB2, WB2, WRA, WRA, WRA, WRA, ASAR, ASAR, FITZ, FITZ, FITZ, FITZ, GSPA, GSPA, PETK, PETK, UNL, UNL, ARCER, ARCER, GERES, GERES, DAVOX, DAVOX.

CSEM 09 15:05:59.6,37.22N;28.21E,h12km,MD2.8,After ISK

ISK 09 15:05:59.6,37.22N;28.21E,h12km,MD2.8,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like YER, YER, YER, YER, MLBS, MLBS, MLBS, MLBS, DALT, DALT, DALT, DALT, BOTD, BOTD, BOTD, BOTD, FETY, FETY.

LDC 09 15:08:05.1,0.3,17.93S;168.17E,h10km,MB4.6/2, Error ellipse: s-maj=28.4km s-min=5.3km az=100.0

NOU 09 15:08:11.4,1.1,18.26S;167.96E,h30km,MD2.9,ML4.2

ISC/BJ 09 15:08:12.3,1.3,18.73S;0.06;168.50E;0.8,h85km,11km, mb4.5/23, Error ellipse: s-maj=11.9km s-min=10.5km az=9.9

IDC 09 15:08:15.5,1.0,18.59S;168.49E,h106km,7km,mb4.3/15, mb1 4.4/17,mb1mx4.3/22,mbtmp4.3/17, Error ellipse: s-maj=15.2km s-min=14.2km az=71.0

NEIC 09 15:08:15.5,0.4,18.57S;168.50E,h10km,mb4.6/6, Error ellipse: s-maj=10.7km s-min=9.1km az=181.0

DJA 09 15:08:25.18,74S;168.64E,h180km,mb5.0/10

ISC 09 15:08:13.1,1.1,18.70S;0.06;168.53E;0.07,h79km,9km, h105km,1.9km;p-P,n70,c099/49,mb4.5/23,3C-2D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DZM, DZM, PLUM, PLUM, LASL, LASL, LONTR, LONTR, HNR, HNR, EIDS, EIDS, AFI, AFI, AFI, AFI, URZ, URZ, URZ, URZ, CTA, CTA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CTA, CTA, CTA, CTA, MTSU, MTSU, CNB, CNB, COEN, COEN, RPZ, RPZ, RPZ, RPZ, STKA, STKA, STKA, STKA, STKA, STKA, WRA, WRA, WRA, WRA, WRA, WRA, MAW, MAW, LZH, LZH, LZH, LZH, LZH, LZH, GUA, GUA, GUA, GUA, GUA, GUA, NVAR, NVAR, TXAR, TXAR, YKA, YKA, MKAR, MKAR, ARCER, ARCER, GERES, GERES, SOKA, SOKA, KBA, KBA, ABTA, ABTA, RETA, RETA, BFO, BFO, FETA, FETA, DAVOX, DAVOX, HAU, HAU, CABF, CABF, LDF, LDF, LOR, LOR, LOR, LOR, LPL, LPL, LPL, LPL, LGP, LGP, BGF, BGF, TCF, TCF, PGF, PGF, MFF, MFF, TORJ, TORJ.

DDA 09 15:11:11.5,39.94N;27.38E,h5km,MD2.9

ISK 09 15:11:11.5,39.95N;27.36E,h6km,MD3.0

ISC/BJ 09 15:11:12.0,0.7,39.97N;0.03;27.39E;0.04,h4km,5km, Error ellipse: s-maj=5.0km s-min=4.4km az=160.6

CSEM 09 15:11:12.0,0.1,39.96N;0.03;27.39E;0.07, Error ellipse: s-maj=2.5km s-min=1.6km az=87.0

ISC 09 15:11:12.8,0.5,39.97N;0.03;27.39E;0.03,h6km,4km, n40,c058/59,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BALLY, BALLY, BALLY, BALLY, BALB, BALB, BALB, BALB, BALB, BALB, EDC, EDC, EDC, EDC, EDC, EDC, SART, SART, SART, SART, SART, SART, AYVA, AYVA, AYVA, AYVA, AYVA, AYVA, DURS, DURS, DURS, DURS, DURS, DURS.

Table with columns: DST, Dursunbey, 1.02 110 ePg, Pg, 15 11 31.9 -0.3, 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.

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

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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.

Table with columns: KHC, Kasperke Hory, 144.98 331 ePKP, PKPdf, 15 45 34.4 +4.5, 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.

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

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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.

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

Table with columns: CN2, comp=N, 1.1um, 17.0s, MS5.3, LR, LR, 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.

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.

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.

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.

Table with columns: ID, Name, Range, Az, El, P, Az, El, P, Az, El, P. Includes stations like 9D15h, 106A, COLA, etc.

Table with columns: J16A, Name, Range, Az, El, P, Az, El, P, Az, El, P. Includes stations like Bone, WMQ, Pinedale Array, etc.

Table with columns: FIELD, Name, Range, Az, El, P, Az, El, P, Az, El, P. Includes stations like Feldberg im Sc, ECH, DAVOS, etc.

NOU 09 15:37:19.6:0.9,20.645x163.82E,h10km,MD2.8,ML3.9
NEIC 09 15:37:25.9:0.6,20.425x168.71E,mb4.5/3,Error ellipse:
s-maj=14.0km s-min=10.8km az=134.0
IDC 09 15:37:25.7:1.1,20.425x168.76E,h37km,5km,mb4.1/8,
mb1 4/3.8,mb1mx4.1/1.5,mbtm4.2/8,MS2.1,Ms1 5.2/1,
ms1mx1.3/1.1,Error ellipse: s-maj=32.9km s-min=19.0km
143.0

ISC 09 15:37:23.6:3.6,20.515x0.08,168.7E:0.1,h19km,22km,
h38km,1.4km:pp-P,n41,c1f00/27,mb4.5/15,Loyalty
Islands

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes stations like DZM, LASK, NORM, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like MKB31, Kurchatov Arra, Kurk, etc.

LDG 09:15:21.27.0.2, 19:86Sx168:59E, h10km, Mb5.0/4, Error ellipse: s-maj=21.3km s-min=5.8km az=120.0
ISCJB 09:15:28.3.0.8, 20:4S:0:1x168:7E:0.1, h21km, mb4.6/14, Error ellipse: s-maj=20.1km s-min=15.4km az=141.3
SZGRF 09:15:29.1, 20:07S: 170:35E, h22km, Vanuatu Islands
NEIC 09:15:30.0.0.2, 20:25S: 169:74E, h33km, mb4.7/4, Error ellipse: s-maj=20.8km s-min=12.8km az=143.0
IDC 09:15:55.1.5, 4.20:58S:168:31E, h241km, 49km, mb4.0/8, mb1 4.1/9, mb1mx3.9/17, mbtmp3.9/9, Error ellipse: s-maj=31.4km s-min=16.7km az=34.0
ISC 09:18:51:30.3.0.8, 20:4S:0:1x168:7E:0.1, h22km, h22km, p-P, n82, e0:90/24, mb4.6/14, 3C-1D, Loyalty Islands

Main table of station data for the left column, including codes like DZM, URZ, CTA, etc., and station names like Mont Dzumac, Urewera, etc.

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

IDC 09:18:52:04.3.3.3, 6:38S:154:17E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.3/14, mbtmp3.3/3, Error ellipse: s-maj=118.6km s-min=36.5km az=117.0, Bougainville - Solomon Islands region

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

IDC 09:19:11:23.0.4.7, 19:58S:168:50E, h0km, mb3.7/3, mb1 4.0/3, mb1mx3.7/14, mbtmp3.7/3, Error ellipse: s-maj=219.0km s-min=68.9km az=158.0, Vanuatu Islands

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

ISCJB 09:19:11:59.0.5.3, 38:0S:0:1x49:1E:0.1, h10km, mb4.3/16, MS4.1/4, Error ellipse: s-maj=17.7km s-min=10.5km az=32.6

IDC 09:19:11:40.0.0.7, 38:02S:49:07E, h0km, mb4.2/10, mb1 4.0/4, mb1mx4.0/22, mbtmp4.2/11, ML3.9/1, MS4.0/4, mb1 4.0/4, mb1mx3.4/27, Error ellipse: s-maj=32.7km s-min=15.3km az=33.0

NEIC 09:19:12:01.7.0.4, 38:00S:49:11E, h10km, mb4.9/17, Error ellipse: s-maj=14.8km s-min=10.2km az=206.0

ISC 09:19:12:01.8.0.5, 38:0S:0:1x49:1E:0.1, h10km, n30, e0:73/24, mb4.3/16, MS4.1/4, Southwest Indian Ridge

Main table of station data for the middle column, including codes like OPO, BOSA, BOSA, etc., and station names like Ambohitrampito, Boshof, etc.

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

IDC 09:19:12:01.8.0.5, 38:0S:0:1x49:1E:0.1, h10km, n30, e0:73/24, mb4.3/16, MS4.1/4, Southwest Indian Ridge

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

IDC 09:19:12:01.8.0.5, 38:0S:0:1x49:1E:0.1, h10km, n30, e0:73/24, mb4.3/16, MS4.1/4, Southwest Indian Ridge

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

IDC 09:19:12:01.8.0.5, 38:0S:0:1x49:1E:0.1, h10km, n30, e0:73/24, mb4.3/16, MS4.1/4, Southwest Indian Ridge

Main table of station data for the right column, including codes like SEY, YSS, YSS, etc., and station names like Seymour, Yuzh-Sakhalins, etc.

9d 19h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like SONGMO Sogingo Array, DAWY HHC, WHN DLBC, etc.

2008 APR

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like D11A Klaveano Farm, B13A Whitefish, F10A Beach Ranch, etc.

380

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like G16A Moss Hill, K12A Draper Farm, E18A Harlowton, etc.

Table with columns: LBTB, Lobatez, 135.34 289 PKP, PKPdf, 19 32 58.8 +0.9, BOSHA, Boshof, 138.24 286 PKP, PKPdf, 19 33 04.6 +1.5, QSPA, comp=2.2, 2nm, 0.8s, baz=37, slow=1.5, SNR=4.7, comp=2.3, 2nm, 0.7s, baz=35, slow=2.1, SNR=1.6, QSPA, comp=2.3, 2nm, 0.8s, baz=26, slow=4.4, SNR=7.8, PLCA, Paso Flores, 145.00 91 PKP, PKPdf, 19 33 13.5 -1.3, comp=2.3, 9nm, 0.7s, baz=20, slow=5.7, SNR=12

NEIC 09 19:14:55.0z.1, 20.365x168.84E, h35km, mb4.3/4, Error ellipse: s-maj=58.0km s-min=18.4km az=134.0, IDC 09 19:15:08.1z.1, 17.595S; 166.09E, h0km, mb4.1/5, mb1 4.3/5, mb1mx4.0/15, mbtmp4.1/5, Error ellipse: s-maj=105.2km s-min=40.5km az=125.0, ISC 09 19:14:52.5z.0.5, 20.05S; 0.2; 166.5E; 0.4, h1km, 41km, n19, 0567/13, mb4.1/7, Loyalty Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC, DZM, Mont Dzumac, 2.79 223 eP, Pn, 19 15 38.3 +0.1, DZM, Mont Dzumac, 2.79 223 eS, Pn, 19 15 12.5 +0.1, DZM, Charters Tower, 20.89 266 P, Pn, 19 15 38.0 -0.1, CTA, Charters Tower, 20.89 266 P, P, 19 19 41.2 +5.1, CTA, Charters Tower, 20.89 266 P, P, 19 19 39.1 +3.0, CTA, Charters Tower, 20.89 266 P, P, 19 19 41.2 +5.1, STKA, Stephens Creek, 26.82 238 P, P, 19 20 46.2 +1.2, WB2, Warramunga Arr, 32.04 264 P, P, 19 21 20.3 -0.6, WRAB, Tennant Creek, 32.04 264 eP, P, 19 21 21.5 +0.6, WRA, Warramunga Arr, 32.05 264 P, P, 19 21 19.6 -1.4, WRA, Warramunga Arr, 32.05 264 P, P, 19 21 19.6 -1.4, ASAR, Alice Springs, 32.25 257 P, P, 19 21 22.9 +0.2, ASAR, Alice Springs, 32.25 257 P, P, 19 21 22.9 +0.2, FITZ, Fitzroy Crossi, 40.42 266 P, P, 19 22 33.5 +0.6, FITZ, Fitzroy Crossi, 40.42 266 eP, P, 19 22 32.9 -0.0, ULN, Ulanaabaar, 87.06 324 eP, P, 19 21 39.9 +0.3, SONM, Songino Array, 87.42 323 P, P, 19 27 41.3 0.0, SONM, Songino Array, 87.42 323 P, P, 19 27 41.3 0.0, GERES, GERRS Array B 144.83 331 PKhPk, 19 34 28.7, GERES, GERRS Array B 144.83 331 PKP, PKPdf, 19 34 39.7 +8.6, GERES, GERRS Array B 144.83 331 PKP, PKPdf, 19 34 28.7, GERES, GERRS Array B 144.83 331 PKP, PKPdf, 19 34 39.7 +8.6

NEIC 09 19:15:16.6, 16.866N; 99.68W, h6km, MD3.5(MEX), After MEX, MEX 09 19:15:16.4z.0.6, 16.858N; 99.68W, h5km, 4km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC, ACX, Acapulco, 0.23 274 eP, Pn, 19 15 20.9 0.0, ACX, Acapulco, 0.23 274 eS, Pn, 19 15 24.2 +0.2, ACX, Acapulco, 0.23 274 eP, Pn, 19 15 20.9 0.0, CAIG, El Cayaco, 0.60 289 eP, Pn, 19 15 27.0 -0.9, CAIG, El Cayaco, 0.60 289 eS, Pn, 19 15 27.0 -0.9, CAIG, El Cayaco, 0.60 289 eP, Pn, 19 15 27.0 -0.9, MEIG, Mezcala, 1.07 3 eP, Pn, 19 15 34.1 -2.9, MEIG, Mezcala, 1.07 3 eS, Pn, 19 15 49.0 -1.9, PNIG, Pinotepa, 1.55 107 eP, Pn, 19 15 41.3 -3.4, PNIG, Pinotepa, 1.55 107 eS, Pn, 19 16 00.9 -4.4, PNIG, Pinotepa, 1.55 107 eP, Pn, 19 16 00.9 -4.4, ZIG, Zihuatanejo, 1.87 294 eP, Pn, 19 15 47.5 -1.6, ZIG, Zihuatanejo, 1.87 294 eS, Pn, 19 15 47.5 -1.6, ZIG, Zihuatanejo, 1.87 294 eP, Pn, 19 15 47.5 -1.6, ZIG, Zihuatanejo, 1.87 294 eS, Pn, 19 15 47.5 -1.6, UTMO, Huajuapán, 2.04 61 eP, Pn, 19 15 47.5 -3.9, UTMO, Huajuapán, 2.04 61 eS, Pn, 19 16 12.6 -4.6, PPM, Popocatepetl, 2.42 24 eP, Pn, 19 16 23.5 -3.1, PPM, Popocatepetl, 2.42 24 eS, Pn, 19 16 23.5 -3.1, PPM, Popocatepetl, 2.42 24 eP, Pn, 19 16 23.5 -3.1, PPM, Popocatepetl, 2.42 24 eS, Pn, 19 16 23.5 -3.1

IDC 09 19:26:08.4z.1, 9.2003S; 168.53E, h0km, mb4.3/5, mb1 4.5/6, mb1mx4.3/14, mbtmp4.5/6, ML3.2/1, Error ellipse: s-maj=60.3km s-min=28.3km az=136.0, ISCJB 09 19:26:11.0z.0.8, 20.00S; 0.08; 168.6E; 0.1, h33km, mb4.2/10, Error ellipse: s-maj=17.3km s-min=10.2km az=25.0, NEIC 09 19:26:13.5z.0.8, 20.07S; 168.52E, h35km, mb4.0/3, Error ellipse: s-maj=18.8km s-min=13.0km az=110.0, ISC 09 19:26:12.9z.0.8, 20.05S; 0.08; 168.6E; 0.1, h35km, n30, 0589/23, mb4.2/11, Loyalty Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC, DZM, Mont Dzumac, 2.87 225 eP, Pn, 19 26 54.1 -1.9, DZM, Mont Dzumac, 2.87 225 eS, Pn, 19 27 29.5 -0.1, DZM, Mont Dzumac, 2.87 225 eP, Pn, 19 26 54.4 -1.8, HNR, Honiara, 13.48 320 P, Pn, 19 29 21.3 -0.5, CTA, Charters Tower, 21.03 266 eP, P, 19 30 58.6 +4.9, CTA, Charters Tower, 21.03 266 P, P, 19 30 58.6 +4.8, CTA, Charters Tower, 21.03 266 eP, P, 19 30 58.6 +4.9, YOUNG, Young, 22.87 227 eP, P, 19 31 14.7 +1.4, MTSU, Mount Surprise, 23.06 271 eP, P, 19 31 17.5 +2.1, CMSA, Colar Meteorol, 25.27 236 eP, P, 19 31 21.5 +1.1, STKA, Stephens Creek, 26.94 239 P, P, 19 31 50.3 -0.7, WB2, Warramunga Arr, 32.19 264 eP, P, 19 32 37.1 -0.6, WRAB, Tennant Creek, 32.19 264 eP, P, 19 32 37.3 -0.5, WRA, Warramunga Arr, 32.20 264 P, P, 19 32 37.4 -0.4, ASAR, Alice Springs, 32.25 257 P, P, 19 32 39.8 +0.3, FITZ, Fitzroy Crossi, 40.42 266 eP, P, 19 33 48.5 -1.1, MBWA, Warble Bar, 45.65 266 eP, P, 19 34 31.0 +0.6, SBA, Scott Base, 57.86 180 eP, P, 19 36 00.7 +0.1, PETK, Petropavlovsk, 73.46 353 P, P, 19 37 41.6 +0.2, SONM, Songino Array, 87.42 323 P, P, 19 38 56.8 -0.1, VNA3, Neumayer Olymp, 89.55 181 eP, P, 19 39 03.7 +0.2, VNA2, Neumayer-Watz, 89.23 181 eP, P, 19 39 04.1 -0.7, ARC2, ARCESS Array B 125.70 345 PKP, PKPdf, 19 45 12.2 +2.2, GERES, GERRS Array B 144.83 331 PKP, PKPdf, 19 45 45.6 -0.6, BAIF, Baifeng, 149.90 336 ePKP1, PKPb, 19 45 54.7 +1.3, CDF, Champ du Feu, 147.96 336 ePKP1, PKPb, 19 45 57.4 +0.4, DAVOX, Davos/Dischmat, 148.18 332 PKPbc, PKPbc, 19 45 56.8 +1.7, CABF, La Chapelle, 149.90 336 ePKP1, PKPbc, 19 45 59.5 +0.1, LOR, Lormes, 150.15 339 ePKP1, PKPbc, 19 46 02.4 +2.4, SSF, Saint Saulte, 150.45 339 ePKP1, PKPbc, 19 46 04.1 +3.4

DDA 09 19:30:09.7, 40.82N; 34.72E, h9km, 6km, MD3.1, ISCJB 09 19:30:13.3z.0.5, 40.68N; 0.04; 34.81E; 0.04, h7km, 4km, n33, 0595/43, Turkey, Error ellipse: s-maj=6.1km s-min=4.9km az=175.5, CSEM 09 19:30:13.2z.0.1, 40.65N; 34.82E, h5km, MD3.1, Error ellipse: s-maj=2.9km s-min=2.2km az=6.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC, ISK 09 19:30:13.1, 40.69N; 34.81E, h13km, MD3.1, ISC 09 19:30:13.5z.0.5, 40.66N; 0.04; 34.81E; 0.04, h7km, 4km, n33, 0595/43, Turkey, CTKT, Corum, 0.04 205 iP, Sg, 19 30 15.3 +0.3, CTKT, Corum, 0.04 205 iS, Sg, 19 30 17.2 +1.0, CTKT, Corum, 0.04 205 iS, Sg, 19 30 17.2 +1.0, TOS, Tosya, 0.71 302 PG, Pg, 19 30 27.2 +0.1, TOS, Tosya, 0.71 302 iPg, Pg, 19 30 27.2 +0.1, BYBT, Boyabat, 0.81 357 ePg, Pg, 19 30 28.9 -0.2, BYBT, Boyabat, 0.81 357 eP, Pg, 19 30 28.9 +0.2, CANT, Cankiri, 0.91 287 ePg, Sg, 19 30 30.6 -0.4, CANT, Cankiri, 0.91 287 eSg, Sg, 19 30 44.2 +1.3, KVT, Kavak, 1.02 66 ePg, Pg, 19 30 32.9 -0.3, KVT, Kavak, 1.02 66 eP, Pg, 19 30 32.9 -0.3, DIKM, Dikmen, 1.04 19 ePg, Pg, 19 30 33.0 -0.6, DIKM, Dikmen, 1.04 19 eP, Pg, 19 30 32.4 -2.1, CDAG, Cicekdag, 1.09 198 iP, Sg, 19 30 46.5 -2.1, CDAG, Cicekdag, 1.09 198 iS, Sg, 19 30 46.5 -2.1, YOZ, Yozgat, 1.09 159 ePN, Pn, 19 30 45.5 +0.4, YOZ, Yozgat, 1.09 159 eP, Pn, 19 30 45.5 +0.4, TOKA, Tokat, 1.31 104 iS, Sg, 19 30 37.5 -0.7, TOKA, Tokat, 1.31 104 iP, Sg, 19 30 37.5 -0.7, TOKA, Tokat, 1.31 104 iS, Sg, 19 30 37.5 -0.7, BALT, Daday, 1.39 309 iP, Sg, 19 30 39.9 +0.7, BALT, Daday, 1.39 309 iS, Sg, 19 30 39.9 +0.7, BZK, Bozkurt, 1.43 335 ePN, Pn, 19 30 38.9 -1.0, BZK, Bozkurt, 1.43 335 eP, Pn, 19 30 38.9 -1.0, ERBA, Erbaa, 1.48 89 iP, Sg, 19 30 40.0 -0.5, ERBA, Erbaa, 1.48 89 iS, Sg, 19 30 40.0 -0.5, KAMT, Kaman, 1.54 214 ePN, Pn, 19 30 41.0 -0.4, KAMT, Kaman, 1.54 214 eP, Pn, 19 30 41.0 -0.4, LOD, Ludumlu, 1.75 244 ePN, Pn, 19 30 44.0 -0.2, LOD, Ludumlu, 1.75 244 eP, Pn, 19 30 44.0 -0.2, SVSK, Karacayir, 1.83 113 ePN, Pn, 19 30 45.3 0.0, SVSK, Karacayir, 1.83 113 eP, Pn, 19 30 45.3 0.0, SARI, SarDiz-Kayseri, 2.46 143 ePN, Pn, 19 30 56.3 +2.3, SARI, SarDiz-Kayseri, 2.46 143 eP, Pn, 19 30 56.3 +2.3, SULT, Sultanhanı-AKS, 2.66 203 ePN, Pn, 19 30 57.7 +1.0, SULT, Sultanhanı-AKS, 2.66 203 eP, Pn, 19 30 57.7 +1.0

ISCJB 09 19:36:13.7z.0.5, 40.87N; 0.03; 31.90E; 0.03, h7km, 5km, Error ellipse: s-maj=4.6km s-min=3.6km az=26.1, DDA 09 19:36:13.5z.0.91N; 31.89E, h8km, 3km, CSEM 09 19:36:14.3z.0.2, 40.87N; 31.93E, h5km, MD3.4, Error ellipse: s-maj=5.1km s-min=3.9km az=14.0, ISC 09 19:36:14.0z.0.88N; 31.83E, h25km, MD3.0, SAKT, Sivrigoyunuk, 0.30 163 iP, Sg, 19 36 21.0 +0.7, SAKT, Sivrigoyunuk, 0.30 163 iS, Sg, 19 36 21.0 +0.7, SGKT, Sivrigoyunuk, 0.30 163 iP, Sg, 19 36 21.0 +0.7, KDZE, Karadeniz Ereo, 0.59 321 PG, Pg, 19 36 25.4 -0.5, KDZE, Karadeniz Ereo, 0.59 321 ePg, Sg, 19 36 25.4 -0.5, KDZE, Karadeniz Ereo, 0.59 321 eSg, Sg, 19 36 25.4 -0.5, MDU, Mudurnu, 0.68 235 eSg, Sg, 19 36 36.8 +0.4, MDU, Mudurnu, 0.68 235 eP, Sg, 19 36 36.8 +0.4, MDU, Mudurnu, 0.68 235 eP, Sg, 19 36 36.8 +0.5, SAFT, Saffranbolu, 0.68 56 PG, Pg, 19 36 29.3 +1.7, SAFT, Saffranbolu, 0.68 56 ePg, Pg, 19 36 29.3 +1.7, HENT, Hendek, 0.79 268 iS, Sg, 19 36 28.0 -1.4, HENT, Hendek, 0.79 268 iS, Sg, 19 36 28.0 -1.4, HENT, Hendek, 0.79 268 iS, Sg, 19 36 28.0 -1.4, HENT, Hendek, 0.79 268 iS, Sg, 19 36 28.0 -1.4, LOD, Ludumlu, 1.16 147 ePN, Pn, 19 36 35.8 -0.8, LOD, Ludumlu, 1.16 147 eP, Pn, 19 36 35.8 -0.8, ELDT, Eldivan, 1.19 108 iP, Sg, 19 36 37.7 +0.4, ELDT, Eldivan, 1.19 108 iS, Sg, 19 36 37.7 +0.4, ELDT, Eldivan, 1.19 108 iS, Sg, 19 36 37.7 +0.2, ELDT, Eldivan, 1.19 108 iS, Sg, 19 36 37.7 +0.4, ELDT, Eldivan, 1.19 108 iS, Sg, 19 36 37.7 +0.4, BALT, Daday, 1.28 58 iP, Pn, 19 36 38.5 -0.4, BALT, Daday, 1.28 58 iS, Pn, 19 36 38.5 -0.4, BALT, Daday, 1.28 58 iP, Pn, 19 36 38.5 -0.4, BALT, Daday, 1.28 58 iS, Pn, 19 36 38.5 -0.4, CANT, Cankiri, 1.50 101 ePN, Pn, 19 36 38.3 -0.9, ESKT, Eskisehir, 1.58 212 iP, Sg, 19 36 43.2 +0.3, ESKT, Eskisehir, 1.58 212 iS, Sg, 19 36 43.2 +0.3, ESKT, Eskisehir, 1.58 212 iP, Sg, 19 36 43.2 +0.3, ESKT, Eskisehir, 1.58 212 iS, Sg, 19 36 43.2 +0.3, SEYT, Eskypehyr, 1.58 212 iS, Sg, 19 37 06.7 +1.6, TOS, Tosya, 1.59 83 ePN, Pn, 19 36 44.2 -0.9, TOS, Tosya, 1.59 83 eP, Pn, 19 36 44.2 -0.9, BBAL, Bala, 1.60 145 iP, Pn, 19 36 44.8 -0.3, BBAL, Bala, 1.60 145 iS, Pn, 19 37 07.6 +1.8, BBAL, Bala, 1.60 145 iP, Pn, 19 36 45.0 -0.2, BBAL, Bala, 1.60 145 iS, Pn, 19 37 07.6 +1.8, BBAL, Bala, 1.60 145 iP, Pn, 19 37 07.6 +1.8, BRTR, Keskin Array B, 1.72 131 PG, Pn, 19 37 24.4 -1.9, 9.9nm, 0.3s, baz=299, slow=16, SNR=219

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC, BZK, Bozkurt, 1.90 54 ePN, Pn, 19 36 46.7 -0.7, BZK, Bozkurt, 1.90 54 eP, Pn, 19 36 51.3 -0.5, BYBT, Boyabat, 2.22 73 ePN, Pn, 19 36 51.3 -0.5, CDAG, Cicekdag, 2.23 123 iS, Sg, 19 37 24.4 -1.9, CDAG, Cicekdag, 2.23 123 iP, Sg, 19 37 24.4 -1.9, CDAG, Cicekdag, 2.23 123 iS, Sg, 19 37 24.4 -1.9, CDAG, Cicekdag, 2.23 123 iP, Sg, 19 37 24.4 -1.9, TIRR, Turgusov, 4.44 325 iP, Sg, 19 37 21.7 -0.5, TIRR, Turgusov, 4.44 325 iP, Sg, 19 37 21.7 -0.5, HARR, Harsova, 4.83 324 iP, Sg, 19 37 26.5 -1.2, HARR, Harsova, 4.83 324 iP, Sg, 19 37 26.5 -1.2, TLCR, 4.89 333 iP, Sg, 19 37 29.4 +0.9, TLCR, 4.89 333 iP, Sg, 19 37 29.4 +0.9, PLOR, Plostina, 6.30 324 iP, Sg, 19 37 47.8 -0.1, PLOR, Plostina, 6.30 324 iP, Sg, 19 37 47.8 -0.1, MLR, Muntele Rosu, 6.37 319 Pn, Pn, 19 37 51.5 +2.7, 0.3nm, 0.3s, baz=140, slow=14, SNR=3.2, MLR, Muntele Rosu, 6.37 319 iP, Sg, 19 39 04.6 +2.8, 0.2nm, 0.3s, baz=143, slow=22, SNR=2.6, BRTR, Bozkurt, 1.90 54 ePN, Pn, 19 36 46.7 -0.7, BRTR, Bozkurt, 1.90 54 eP, Pn, 19 36 51.3 -0.5, BYBT, Boyabat, 2.22 73 ePN, Pn, 19 36 51.3 -0.5, CDAG, Cicekdag, 2.23 123 iS, Sg, 19 37 24.4 -1.9, CDAG, Cicekdag, 2.23 123 iP, Sg, 19 37 24.4 -1.9, CDAG, Cicekdag, 2.23 123 iS, Sg, 19 37 24.4 -1.9, CDAG, Cicekdag, 2.23 123 iP, Sg, 19 37 24.4 -1.9, TIRR, Turgusov, 4.44 325 iP, Sg, 19 37 21.7 -0.5, TIRR, Turgusov, 4.44 325 iP, Sg, 19 37 21.7 -0.5, HARR, Harsova, 4.83 324 iP, Sg, 19 37 26.5 -1.2, HARR, Harsova, 4.83 324 iP, Sg, 19 37 26.5 -1.2, TLCR, 4.89 333 iP, Sg, 19 37 29.4 +0.9, TLCR, 4.89 333 iP, Sg, 19 37 29.4 +0.9, PLOR, Plostina, 6.30 324 iP, Sg, 19 37 47.8 -0.1, PLOR, Plostina, 6.30 324 iP, Sg, 19 37 47.8 -0.1, MLR, Muntele Rosu, 6.37 319 Pn, Pn, 19 37 51.5 +2.7, 0.3nm, 0.3s, baz=140, slow=14, SNR=3.2, MLR, Muntele Rosu, 6.37 319 iP, Sg, 19 39 04.6 +2.8, 0.2nm, 0.3s, baz=143, slow=22, SNR=2.6, BRTR, Bozkurt, 1.90 54 ePN, Pn, 19 36 46.7 -0.7, BRTR, Bozkurt, 1.90 54 eP, Pn, 19 36 51.3 -0.5, BYBT, Boyabat, 2.22 73 ePN, Pn, 19 36 51.3 -0.5, CDAG, Cicekdag, 2.23 123 iS, Sg, 19 37 24.4 -1.9, CDAG, Cicekdag, 2.23 123 iP, Sg, 19 37 24.4 -1.9, CDAG, Cicekdag, 2.23 123 iS, Sg, 19 37 24.4 -1.9, CDAG, Cicekdag, 2.23 123 iP, Sg, 19 37 24.4 -1.9, TIRR, Turgusov, 4.44 325 iP, Sg, 19 37 21.7 -0.5, TIRR, Turgusov, 4.44 325 iP, Sg, 19 37 21.7 -0.5, HARR, Harsova, 4.83 324 iP, Sg, 19 37 26.5 -1.2, HARR, Harsova, 4.83 324 iP, Sg, 19 37 26.5 -1.2, TLCR, 4.89 333 iP, Sg, 19 37 29.4 +0.9, TLCR, 4.89 333 iP, Sg, 19 37 29.4 +0.9, PLOR, Plostina, 6.30 324 iP, Sg, 19 37 47.8 -0.1, PLOR, Plostina, 6.30 324 iP, Sg, 19 37 47.8 -0.1, MLR, Muntele Rosu, 6.37 319 Pn, Pn, 19 37 51.5 +2.7, 0.3nm, 0.3s, baz=140, slow=14, SNR=3.2, MLR, Muntele Rosu, 6.37 319 iP, Sg, 19 39 04.6 +2.8, 0.2nm, 0.3s, baz=143, slow=22, SNR=2.6, BRTR, Bozkurt, 1.90 54 ePN, Pn, 19 36 46.7 -0.7, BRTR, Bozkurt, 1.90 54 eP, Pn, 19 36 51.3 -0.5, BYBT, Boyabat, 2.22 73 ePN, Pn, 19 36 51.3 -0.5, CDAG, Cicekdag, 2.23 123 iS, Sg, 19 37 24.4 -1.9, CDAG, Cicekdag, 2.23 123 iP, Sg, 19 37 24.4 -1.9, CDAG, Cicekdag, 2.23 123 iS, Sg, 19 37 24.4 -1.9, CDAG, Cicekdag, 2.23 123 iP, Sg, 19 37 24.4 -1.9, TIRR, Turgusov, 4.44 325 iP, Sg, 19 37 21.7 -0.5, TIRR, Turgusov, 4.44 325 iP, Sg, 19 37 21.7 -0.5, HARR, Harsova, 4.83 324 iP, Sg, 19 37 26.5 -1.2, HARR, Harsova, 4.83 324 iP, Sg, 19 37 26.5 -1.2, TLCR, 4.89 333 iP, Sg, 19 37 29.4 +0.9, TLCR, 4.89 333 iP, Sg, 19 37 29.4 +0.9, PLOR, Plostina, 6.30 324 iP, Sg, 19 37 47.8 -0.1, PLOR, Plostina, 6.30 324 iP, Sg, 19 37 47.8 -0.1, MLR, Muntele Rosu, 6.37 319 Pn, Pn, 19 37 51.5 +2.7, 0.3nm, 0.3s, baz=140, slow=14, SNR=3.2, MLR, Muntele Rosu, 6.37 319 iP, Sg, 19 39 04.6 +2.8, 0.2nm, 0.3s, baz=143, slow=22, SNR=2.6, BRTR, Bozkurt, 1.90 54 ePN, Pn, 19 36 46.7 -0.7, BRTR, Bozkurt, 1.90 54 eP, Pn, 19 36 51.3 -0.5, BYBT, Boyabat, 2.22 73 ePN, Pn, 19 36 51.3 -0.5, CDAG, Cicekdag, 2.23 123 iS, Sg, 19 37 24.4 -1.9, CDAG, Cicekdag, 2.23 123 iP, Sg, 19 37 24.4 -1.9, CDAG, Cicekdag, 2.23 123 iS, Sg, 19 37 24.4 -1.9, CDAG, Cicekdag, 2.23 123 iP, Sg, 19 37 24.4 -1.9, TIRR, Turgusov, 4.44 325 iP, Sg, 19 37 21.7 -0.5, TIRR, Turgusov, 4.44 325 iP, Sg, 19 37 21.7 -0.5, HARR, Harsova, 4.83 324 iP, Sg, 19 37 26.5 -1.2, HARR, Harsova, 4.83 324 iP, Sg, 19 37 26.5 -1.2, TLCR, 4.89 333 iP, Sg, 19 37 29.4 +0.9, TLCR, 4.89 333 iP, Sg, 19 37 29.4 +0.9, PLOR, Plostina, 6.30 324 iP, Sg, 19 37 47.8 -0.1, PLOR, Plostina, 6.30 324 iP, Sg, 19 37 47.8 -0.1, MLR, Muntele Rosu, 6.37 319 Pn, Pn, 19 37 51.5 +2.7, 0.3nm, 0.3s, baz=140, slow=14, SNR=3.2, MLR, Muntele Rosu, 6.37 319 iP, Sg, 19 39 04.6 +2.8, 0.2nm, 0.3s, baz=143, slow=22, SNR=2.6, BRTR, Bozkurt, 1.90 54 ePN, Pn, 19 36 46.7 -0.7, BRTR, Bozkurt, 1.90 54 eP, Pn, 19 36 51.3 -0.5, BYBT, Boyabat, 2.22 73 ePN, Pn, 19 36 51.3 -0.5, CDAG, Cicekdag, 2.23 123 iS, Sg, 19 37 24.4 -1.9, CDAG, Cicekdag, 2.23 123 iP, Sg, 19 37 24.4 -1.9, CDAG, Cicekdag, 2.23 123 iS, Sg, 19 37 24.4 -1.9, CDAG, Cicekdag, 2.23 123 iP, Sg, 19 37 24.4 -1.9, TIRR, Turgusov, 4.44 325 iP, Sg, 19 37 21.7 -0.5, TIRR, Turgusov, 4.44 325 iP, Sg, 19 37 21.7 -0.5, HARR, Harsova, 4.83 324 iP, Sg, 19 37 26.5 -1.2, HARR, Harsova, 4.83 324 iP, Sg, 19 37 26.5 -1.2, TLCR, 4.89 333 iP, Sg, 19 37 29.4 +0.9, TLCR, 4.89 333 iP, Sg, 19 37 29.4 +0.9, PLOR, Plostina, 6.30 324 iP, Sg, 19 37 47.8 -0.1, PLOR, Plostina, 6.30 324 iP, Sg, 19 37 47.8 -0.1, MLR, Muntele Rosu, 6.37 319 Pn, Pn, 19 37 51.5 +2.7, 0.3nm, 0.3s, baz=140, slow=14, SNR=3.2, MLR, Muntele Rosu, 6.37 319 iP, Sg, 19 39 04.6 +2.8, 0.2nm, 0.3s, baz=143, slow=22, SNR=2.6, BRTR, Bozkurt, 1.90 54 ePN, Pn, 19 36 46.7 -0.7, BRTR, Bozkurt, 1.90 54 eP, Pn, 19 36 51.3 -0.5, BYBT, Boyabat, 2.22 73 ePN, Pn, 19 36 51.3 -0.5, CDAG, Cicekdag, 2.23 123 iS, Sg, 19 37 24.4 -1.9, CDAG, Cicekdag, 2.23 123 iP, Sg, 19 37 24.4 -1.9, CDAG, Cicekdag, 2.23 123 iS, Sg, 19 37 24.4 -1.9, CDAG, Cicekdag, 2.23 123 iP, Sg, 19 37 24.4 -1.9, TIRR, Turgusov, 4.44 325 iP, Sg, 19 37 21.7 -0.5, TIRR, Turgusov, 4.44 325

IDC 09 22:55:34.6:1.3, 6.24N, 126.37E, h0km, mb3.7/6,
 mb1 3.9/6, mb1mx3.6/20, mbtmp3.7/6, Error ellipse:
 s-maj=122.7km s-min=19.0km az=70.0
 MAN 09 22:55:43.5:9.1N, 126.28E, h50km, mb4.8, ML3.7, MS3.7
 ISCJB 09 22:55:44.2:1.0, 5.95N, 0.09x126.2E:0.1, h181km, 12km,
 mb3.5/6, Error ellipse: s-maj=20.0km s-min=14.1km
 az=157.1
 ISC 09 22:55:45.4:1.0, 5.97N, 0.10x126.2E:0.1, h77km, 13km,
 n12, c1901/15, mb3.5/6, 2C, Mindanao

Code	Station Name	Δ° AZ°	Phase ID	ISC	h	m	s	Res
MATI	Mati	0.97	6	eP	Pn	22	56	03.1 -0.9
MATI				eS	Sn	22	56	17.0 -0.8
DAV	Davao City (W)	1.23	332	Sn		22	56	23.1 -0.5
DMPH	Davao City-Mli	1.29	330	eP	Pn	22	56	07.1 -0.6
DMPH				eS	Sn	22	56	23.6 -0.9
BUPK	Musan	2.19	330	eP	Pn	22	56	20.9 +1.2
BUPK				eS	Sn	22	56	48.2 +2.4
BIFH	Bisitig	2.21	51	eP	Pn	22	56	20.6 +0.6
BIFH				eS	Sn	22	56	47.6 +1.1
FRZ	Fitzroy Crossi	23.93	181	P		23	00	53.2 +0.8
WRA	Warramunga Arr	26.98	163	P		23	01	20.5 +0.4
ASAR	Alice Springs	30.41	166	P		23	01	49.6 -0.9
STKA	Stevens Creek	40.41	160	P		23	03	17.1 +0.9
MKAR	Makanchi Array	55.40	325	P		23	05	10.8 -0.9
MKAR				PcP		23	06	10.8 -0.4
ARCES	ARCESS Array B	88.16	340	P		23	08	26.0 -1.3
TORD	Torodi Ar. Bea	121.66	289	PKP	PKPdf	23	14	30.8 -0.6

IDC 09 23:07:58.8:3.3, 20.54S, 169.17E, h0km, mb4.5/5,
 mb1 4.7/5, mb1mx4.3/15, mbtmp4.5/5, MS3.4/2, Ms1 3.4/2,
 ms1mx2.8/23, Error ellipse: s-maj=99.1km s-min=46.0km

NOU 09 23:08:04.1:1.1, 19.88S, 168.51E, h10km, MD2.6, ML3.6
 ISC 09 23:08:06.1:1.8, 20.45S, 0.2-168.9E:0.2, h35km, n22,
 c087/17, mb4.5/6, 9C, Loyalty Islands

Code	Station Name	Δ° AZ°	Phase ID	ISC	h	m	s	Res
DZM	Mont Dzumac	2.84	234	eP	Pn	23	08	48.2 -0.6
DZM				eS	Sn	23	09	21.4 -0.5
NORM	Noumea	2.90	231	eP	Pn	23	08	49.9 +0.1
NORM				eS	Sn	23	09	22.6 -0.8
NOUC	Port Laguerre	2.96	235	eP	Pn	23	08	50.0 -0.1
NOUC				eS	Sn	23	09	25.3 -0.4
ONTRN	Noumea	2.97	230	eP	Pn	23	08	51.0 +0.3
ONTRN				eS	Sn	23	09	25.9 +0.7
URZ	Urewera	19.16	160	LR	LR	23	18	33.7
CTA	Charters Tower	21.26	267	||P	P	23	12	52.7 +3.3
CTA	Charters Tower	21.26	267	P		23	12	51.2 +1.8
MTSU	Mount Surprise	23.32	271	||P	P	23	13	11.8 +0.5
RPZ	Rata Peaks	23.32	176	LR	LR	23	20	22.3
CMSA	Cobar Meteorol	23.59	237	eP	P	23	13	15.4 +1.6
STKA	Stevens Creek	26.98	239	P		23	13	44.1 -0.4
WRA	Warramunga Arr	32.42	265	P		23	14	31.2 -1.8
ASAR	Alice Springs	32.56	258	P		23	14	33.7 -0.4
FITZ	Fitzroy Crossi	40.83	266	||P	P	23	15	44.4 -0.2
FITZ	Fitzroy Crossi	40.83	266	P		23	15	44.0 -0.6
GERES	GERESS Array B	145.35	331	PKPbc	PKPbc	23	27	38.9 -1.1
GIVF	Givet	147.78	341	||PKP1	PKPbc	23	27	46.3 -0.7
BAIF	Baives	148.01	341	||PKP1	PKPbc	23	27	47.1 -0.5
HAU	Haudompre	149.06	337	||PKP1	PKPbc	23	27	49.5 -0.9
SSF	Saint Sauge	150.87	339	||PKP1	PKPbc	23	27	54.1 -0.7
LPL	La Plagne	150.96	334	||PKP1	PKPbc	23	27	54.9 -0.2
LPG	La Plagne	150.97	334	||PKP1	PKPbc	23	27	54.9 -0.2

SZGRF 09 23:11:57.3, 42.30N, 135.86E, h33km, mb5.2, Sea of Japan

NIED 09 23:12:00.43:00N, 134.10E, h20km, Mw4.9 Best
 double couple: M2:12000x1016 NP1:296.00000°,
 882.00000°, λ-82.00000°. NP2:70.00000°, 812.00000°,
 λ-135.00000°.

BGS 09 23:12:48.0:1.6, 42.58N, 133.64E, h436km, mb4.5
 ISCJB 09 23:12:49.8:0.2, 43.15N, 0.102-133.53E:0.2,
 h430km, mb4.5/18, Error ellipse: s-maj=3.7km
 s-min=2.7km az=167.9

MOS 09 23:12:49.1:0.7, 43.28N, 133.59E, h419km, mb4.7/73,
 Error ellipse: s-maj=8.1km s-min=4.1km az=114.3
 NEIC 09 23:12:51.0:0.3, 43.11N, 133.59E, h436km, km,
 mb4.6/120, Error ellipse: s-maj=3.7km s-min=2.6km
 az=166.0

IDC 09 23:12:50.9:0.6, 43.10N, 133.55E, h438km, 6km, mb4.0/24,
 mb1 4.1/28, mb1mx4.1/30, mbtmp3.9/28, Error ellipse:
 s-maj=8.9km s-min=7.1km az=13.0

SKHL 09 23:12:50.7:0.6, 43.12N, 133.73E, h435km, 13km, mb5.0/5,
 ms5.0/3

BJI 09 23:12:50.5, 43.17N, 133.60E, h455km, mb4.6/15,
 mb4.9/43

JMA 09 23:12:51.1:0.3, 42.99N, 134.14E, h485km, 5km, H4.5
 ISC 09 23:12:51.0:0.2, 43.14N, 0.02-133.54E:0.2, h431km, 2km,
 h434km, 3.0km, p-P, n678, c080/725, mb4.6/198,
 219C-80D, Primorye

Code	Station Name	Δ° AZ°	Phase ID	ISC	h	m	s	Res
GRTR	Gornotajezhnoj	1.16	300	||P	P	23	13	48.0 +2.3
GRTR				S		23	14	33.2 +3.1
TEY	Ternei	1.28	48	||P	P	23	13	57.4 +1.7
TEY				AMB	AMB	23	13	59.0
TEY	129nm, 1.0s			iS	S	23	14	49.7 +1.4
TEY	344nm, 1.0s			A		23	14	52.5
TEY	258nm, 1.0s			A		23	14	52.5
MDJ	Mudanjiang	3.21	299	P		23	14	00.3 +2.2
MDJ				S		23	14	54.3 +1.6
MDJ				PcP	PcP	23	20	29.4 -0.8
MDJ				ScP	ScP	23	23	19.4 -0.3
MDJ				PcS	PcS	23	24	02.9 +0.6
MDJ				ScS	ScS	23	26	49.3 -2.6
MDJ				ScS	ScS	23	14	00.6 +2.5
MDJ	Mudanjiang	3.21	299	eP	P	23	14	50.2 -2.4
JOSM	Okushiri-Mats	4.51	102	P		23	14	09.0 -0.6
JOSM				S		23	15	12.3 -1.3
HABR	Khabarovsk	5.43	11	iP	P	23	14	20.3 +1.8
HABR				eS	S	23	15	31.8 +1.7
HABR				pmx	pmx			
HABR	comp=E, 82nm, 1.1s			pmx	pmx			
HABR	comp=Z, 297nm, 1.2s			pmx	pmx			
HABR	comp=N, 124nm, 1.2s			pmx	pmx			
KHBR	Khabarovsk	5.43	11	eP	P	23	14	20.3 +1.7
KHBR				eS	S	23	15	31.8 +1.7
JKB	Kayaba	5.68	100	P		23	14	19.6 -1.6

Code	Station Name	Δ° AZ°	Phase ID	ISC	h	m	s	Res
Ohata		5.84	105	eS	S	23	15	30.4 -4.5
JOT				P		23	14	21.4 -1.5
JOT				S		23	15	32.4 -5.6
CN2	Changchun	5.93	279	||P	P	23	14	26.7 +3.0
CN2				eP	P	23	15	40.5
CN2				ScP	ScP	23	23	23.6 +2.3
CN2				pmx	pmx			
JHR	Hokuryu	5.99	81	P		23	14	24.1 -0.3
KLR	Kul'dur	6.21	349	iP	P	23	14	24.0 -2.6
KLR				eS	S	23	15	41.0 -3.9
KLR				pmx	pmx			
KLR	comp=E, 130nm, 1.6s			pmx	pmx			
KLR	comp=Z, 450nm, 1.6s			smx	smx			
KLR	comp=N, 600nm, 6.0s			smx	smx			
KLR	Kul'dur	6.21	349	||P	P	23	14	24.0 -2.6
KLR				AMB	AMB	23	14	25.3
KLR	comp=N, 130nm, 1.6s			AMB	AMB	23	14	25.3
KLR	comp=N, 450nm, 1.6s			eS	S	23	15	41.0 -3.9
KLR				A		23	15	47.5
KLR	comp=N, 11μm, 6.0s			A		23	15	47.5
KLR	comp=N, 600nm, 6.0s			A		23	15	47.5
JWK2	Keihoku	6.38	67	P		23	14	29.1 +0.6
JWK2				eS	S	23	15	47.0 -1.3
ASAJ	Asahikawa	6.64	78	P		23	15	50.1 -3.3
ASAJ				pmx	pmx			
ASAJ	comp=Z, 27nm, 0.3s			smx	smx			
ASAJ	comp=N, 1.0nm, 0.3s			smx	smx			
ASAJ	Asahikawa	6.64	78	P		23	14	30.3 -1.0
ASAJ				pmx	pmx			
ASAJ	comp=N, 27nm, 0.3s, baz=267, slow=11, SNR=116			S		23	15	50.1 -3.3
KSRS	Korea Array	7.12	219	P		23	14	38.9 +2.3
KSRS				pmx	pmx			
KSRS	comp=Z, 2.0nm, 0.3s			P		23	14	38.9 +2.3
KSRS	Korea Array	7.12	219	P		23	14	38.9 +2.3
KSRS				S		23	16	07.6 +4.6
KSRS	comp=N, 1.3nm, 0.3s, baz=354, slow=30, SNR=7.5			S		23	16	07.6 +4.6
KSRS	comp=N, 2.7nm, 0.3s, baz=329, slow=11, SNR=44			S		23	16	07.6 +4.6
KSRS	comp=N, 2.0nm, 0.3s			S		23	16	07.6 +4.6
JMK	JMK	7.16	123	P		23	14	34.3 -2.6
JMK	Ichinose	7.16	123	P		23	14	36.7 -7.0
ERM	Ermo	7.19	96	eP	P	23	14	35.9 -1.3
JCH	Churui	7.24	91	P		23	14	37.4 -3.0
JCH				eS	S	23	15	55.7 -9.4
MAJO	Matsushiro	7.51	150	eP	P	23	14	39.9 -1.2
MAT	Matsushiro	7.51	150	P		23	14	39.3 -1.5
MAT				S		23	15	08.0 -2.7
MAT	Matsushiro	7.51	150	P		23	14	39.8 -1.0
MJAR	Matsushiro Arr	7.51	150	P		23	14	39.6 -1.2
MJAR				S		23	16	11.7 +1.0
YSS	Yuzh-Sakhalins	7.55	57	iP	P	23	14	40.9 -0.2
YSS				eS	S	23	16	08.6 -2.8
YSS	comp=N, 50nm, 0.5s			pmx	pmx			
YSS	comp=E, 70nm, 0.5s			pmx	pmx			

MKAR		*PP	pP	23 20 32.2 +0.4
MKAR		S	S	23 21 27.5
MKAR	Makanchi Array	35.92 294	P	23 24 18.2 -0.6
MKAR	comp=N,7.3nm,0.6s,mb4.2,baz=84,slow=9.6,SNR=70		pP	23 20 12.7 -0.1
MKAR	comp=N,2.1nm,0.9s,baz=59,slow=5.6,SNR=1.7		PcP	23 20 32.2 +0.4
MKAR	comp=N,1.6nm,0.5s,baz=68,slow=2.9,SNR=6.7		PcP	23 21 27.5 -1.0
MKAR	comp=N,2.2nm,1.0s,baz=75,slow=17,SNR=8.7		S	23 24 18.2 -0.6
MKAR	comp=N,1.9nm,0.8s,baz=85,slow=3.0,SNR=6.5		ScP	23 24 29.8 -3.1
MKAR	Makanchi Array	35.92 294	P	23 19 12.7 -0.1
MKAR	comp=N,0.7nm,0.2s,baz=97,slow=15,SNR=6.6		P	23 20 32.2 +0.4
MKAR	comp=N,4.4nm,0.5s,mb5.0		PcP	23 21 27.5 -1.0
MKAR	comp=N,4.4nm,0.5s,mb5.0		S	23 24 18.2 -0.6
MKAR	comp=N,4.4nm,0.5s,mb5.0		ScP	23 24 29.8 -3.1
LSA	Lhasa	36.27 263	P	23 19 16.6 +0.6
LSA	Lhasa	36.27 263	e	23 19 17.0 +1.0
LSA	comp=Z,6.0nm,0.6s,mb4.1		pmax	23 20 53.0
LSA	Lhasa	36.27 263	eP	23 19 17.0 +1.0
LSA	comp=Z,6.3nm,0.6s,mb4.1		eP	23 20 53.0 +2.6
KURK	Kurchatov	37.50 301	P	23 19 25.9 +0.1
KURK	comp=Z,38nm,0.4s,mb5.1		S	23 21 32.3
KURK	comp=N,1.0nm,0.2s		P	23 19 25.9 +0.1
KURK	Kurchatov	37.50 301	P	23 21 32.3 -0.9
KURK	comp=N,3.9nm,0.6s,baz=80,slow=3.5,SNR=5.1		S	23 24 35.0 -7.3
KURK	comp=N,0.7nm,0.2s,baz=97,slow=15,SNR=6.6		P	23 24 35.0 -7.3
KURK	Kurchatov	37.50 301	eP	23 19 25.6 -0.2
KURK	comp=N,4.4nm,0.5s,mb5.0		P	23 19 25.6 -0.2
CHTO	Chiang Mai	37.90 241	eP	23 19 29.6 +0.1
CHTO	comp=Z,22nm,0.7s,mb4.6		pmax	23 19 29.6 +0.1
CHTO	Chiang Mai	37.90 241	eP	23 19 29.6 +0.1
CHTO	comp=Z,22nm,0.7s,mb4.6		eP	23 19 29.6 +0.1
SHL	Shillong	38.15 256	eP	23 19 33.0 +1.4
SHL	comp=Z,22nm,0.7s,mb4.6		eS	23 24 52.0 -0.7
TNA	Tin City	38.87 34	eP	23 19 36.6 -0.2
TAPN	Taplejung	40.09 262	eP	23 19 48.1 +0.7
TAPN	comp=Z,4.4nm,0.7s,mb4.9		P	23 19 48.1 +0.7
ODAN	Odare	40.61 262	eP	23 19 53.0 +1.5
GUN	Gumba	41.10 263	eP	23 19 55.9 +0.3
RAMN	Ramite	41.13 263	eP	23 19 55.9 +0.2
KKN	Kakani	41.61 265	eP	23 19 59.7 +0.2
KKN	Kakani	41.61 265	eP	23 19 59.7 +0.2
KKN	Kakani	41.61 265	eP	23 19 59.7 +0.2
TKM2	Tokmak 2	41.61 290	eP	23 19 59.9 +0.6
TKM2	comp=Z,1.8nm,0.5s,mb4.7		pmax	23 19 59.9 +0.6
TKM2	Tokmak 2	41.61 290	P	23 20 00.4 +1.1
TKM2	SNR=21		P	23 20 01.6 +0.2
TKM2	Tokmak 2	41.61 290	eP	23 19 59.9 +0.6
PKI	Pulchoki	41.64 264	eP	23 19 59.9 +0.1
DMN	Daman	41.84 265	eP	23 20 01.6 +0.2
DMN	comp=Z,27nm,0.5s,mb4.9		P	23 20 01.6 +0.2
GKN	Gorkha	41.96 265	eP	23 20 02.2 -0.1
GKN	comp=Z,7.8nm,0.6s,mb5.2		P	23 20 02.2 -0.1
BVAR	Borovoye Array	42.04 306	P	23 20 02.3 -0.3
BVAR	comp=Z,6.7nm,0.5s,mb4.2,baz=79,slow=8.0,SNR=63		P	23 21 47.7 -0.2
BVAR	comp=Z,6.3nm,0.5s,baz=79,slow=2.4,SNR=17		PcP	23 21 47.7 -0.2
BVAR	comp=Z,6.6nm,0.7s,baz=90,slow=3.4,SNR=22		ScP	23 24 54.5 -2.0
BVAR	comp=Z,1.4nm,0.7s,baz=72,slow=14,SNR=3.7		S	23 25 47.2 -1.7
BRVK	Borovoye	42.09 306	eP	23 20 02.8 -0.2
BRVK	comp=Z,6.0nm,0.7s,mb4.0		e	23 21 47.9
BRVK	Borovoye	42.09 306	eP	23 20 02.8 -0.2
BRVK	comp=Z,5.8nm,0.7s,mb4.0		eP	23 20 02.8 -0.2
BRVK	Borovoye	42.09 306	eP	23 21 47.9 -0.2
BRVK	comp=Z,5.8nm,0.7s,mb4.0		eP	23 21 47.9 -0.2
BRVK	Borovoye	42.09 306	eP	23 20 04.5 +0.2
BRVK	comp=Z,5.8nm,0.7s,mb4.0		eP	23 20 04.5 +0.2
KBK	Karagaybulak	42.15 290	P	23 20 04.5 +0.2
KBK	SNR=29		P	23 20 04.5 +0.2
KZA	Kyzyl	42.16 289	P	23 20 05.5 +1.8
KZA	SNR=18		P	23 20 05.5 +1.8
DANN	Dangsing	42.40 266	eP	23 20 06.7 +0.9
DANN	comp=Z,4.56nm,0.6s		P	23 20 06.7 +0.9
AAK	Ala-Archa	42.47 290	eP	23 20 06.5 +0.3
AAK	comp=Z,8.0nm,0.6s,mb4.2		eS	23 21 49.2 +1.7
AAK	Ala-Archa	42.47 290	P	23 20 06.5 +0.4
AAK	SNR=12		P	23 20 06.5 +0.4
AAK	Ala-Archa	42.47 290	P	23 20 06.4 +0.2
AAK	comp=Z,5.3nm,0.4s,mb4.2,baz=108,slow=5.6,SNR=30		PcP	23 21 49.5 0.0
AAK	comp=Z,2.3nm,0.7s,baz=118,slow=2.3,SNR=4.1		PcP	23 21 49.5 0.0
AAK	Ala-Archa	42.47 290	eP	23 20 06.5 +0.3
AAK	comp=Z,8.0nm,0.6s,mb4.2		eP	23 21 49.4 -0.1
AAK	Ala-Archa	42.47 290	eP	23 25 55.6 +0.2
AAK	comp=Z,8.0nm,0.6s,mb4.2		eP	23 20 08.2 +0.9
UCH	Uchtor	42.61 290	eP	23 21 50.8 +0.8
UCH	comp=Z,2.6nm,0.6s,mb3.7		eP	23 24 57.0 -1.9
UCH	Uchtor	42.61 290	eP	23 20 09.0 +0.5
UCH	comp=Z,2.6nm,0.6s,mb3.7		eP	23 20 09.0 +0.5
KOLD	Koldanda	42.84 266	eP	23 20 10.4 +0.5
KOLD	comp=Z,6.2nm,0.5s,mb4.1		P	23 20 10.4 +0.5
EKS2	Erkin-Say	42.95 291	P	23 20 10.3 +0.3
EKS2	SNR=14		P	23 21 51.3 +0.1
EKS2	Erkin-Say	42.95 291	eP	23 20 13.1 +1.1
EKS2	comp=Z,8.3nm,0.7s,mb4.2		P	23 20 13.1 +1.1
AML	Almayashu	43.21 290	P	23 20 13.2 +1.2
AML	SNR=7.0		P	23 21 52.1 0.0
AML	Almayashu	43.21 290	eP	23 25 00.8 -0.6
AML	comp=Z,7.4nm,0.5s,mb4.3		eP	23 20 32.9 +0.8
PPLA	Purkeypille	45.85 38	eP	23 20 32.9 +0.1
PPLA	comp=Z,3.3nm,0.5s,mb3.9		eP	23 20 34.8 +0.3
COLD	Coldfoot	45.95 32	eP	23 20 38.1 +0.3
COLD	comp=Z,5.7nm,0.6s,mb4.1		P	23 20 38.1 +0.3
BPAW	Bear Paw Mtn.	46.15 36	eP	23 20 38.1 +0.3
BPAW	comp=Z,2.7nm,0.7s,mb3.7		P	23 20 38.1 +0.3
SVE	Sverdlovsk	46.57 314	eP	23 21 51.3 +0.1
SVE	comp=Z,2.4nm,0.8s,mb4.6		pmax	23 20 13.1 +1.1
KDAK	Kodiak Island	46.82 45	iP	23 20 39.2 -0.5
KDAK	Kodiak Island	46.82 45	P	23 20 38.6 -1.1
KDAK	comp=Z,9.8nm,1.0s,mb4.1,baz=307,slow=15,SNR=7.6		P	23 20 41.6 -0.6
MCK	McKinley	47.11 36	eP	23 20 41.6 -0.6
MCK	comp=Z,6.0nm,0.7s,mb4.0		P	23 20 41.5 -0.3
MCK	McKinley	47.11 36	eP	23 20 43.6 +0.2
MCK	comp=Z,5.7nm,0.7s,mb4.0		iP	23 20 43.4 0.0
COLA	College	47.32 35	iP	23 20 43.6 +0.2
COLA	College	47.32 35	P	23 20 43.6 +0.2
COLA	comp=Z,1.2nm,0.8s,mb4.3		P	23 20 46.0 -0.1
KULM	Kulim	47.59 227	eP	23 20 59.4 -0.2
KULM	comp=Z,3.5nm,0.4s,mb4.0		P	23 21 00.7 +0.3
ABKAR	Akbulak array	49.45 304	eP	23 21 04.7 +0.3
ABKAR	comp=Z,1.3nm,0.3s,mb4.7		P	23 21 04.7 +0.3
MENT	Mentasta	49.59 37	eP	23 21 04.7 +0.3
EGAG	Eagle	50.11 34	eP	23 21 16.4 -0.1
EGAG	comp=Z,8.7nm,0.8s,mb4.1		P	23 21 16.4 -0.1
DAWY	Dawson	51.07 34	eP	23 21 16.4 -0.1
DAWY	Dawson	51.07 34	P	23 21 16.4 -0.1
INK	Inuvik	51.79 28	P	23 21 16.4 -0.1
INK	comp=Z,12nm,0.5s		pmax	23 21 16.4 -0.1
INK	Inuvik	51.79 28	P	23 21 16.4 -0.1
INK	comp=Z,12nm,0.5s,mb4.4,baz=309,slow=7.7,SNR=113		S	23 28 04.0 -0.6

INK	comp=Z,0.3nm,0.6s,baz=124,slow=18,SNR=4.9		P	23 21 16.6 +0.2
INK	Inuvik	51.79 28	eP	23 21 29.2 +0.3
INK	comp=Z,13nm,0.6s,mb4.3		P	23 21 33.4 +0.2
KBS	Kingsbay	53.53 348	eP	23 21 35.8 -0.6
HSP	Horsford	54.13 346	eP	23 21 35.8 -0.6
APA	Apacity	54.56 332	iP	23 21 35.8 -0.6
APA	comp=Z,36nm,0.6s,mb4.8		pmax	23 21 41.6 -0.2
KLMR	Klimovskoe	55.32 324	iP	23 21 41.9 -1.1
KLMR	comp=Z,47nm,1.2s,mb4.6		pmax	23 21 41.9 -1.1
KEV	Kevo	55.51 336	eP	23 21 41.9 -1.1
KEV	comp=Z,25nm,0.5s,mb4.8		P	23 21 41.9 -1.1
KEV	comp=Z,24nm,0.5s,mb4.8		P	23 21 46.6 -0.3
ARCES	ARCESS Array B	56.07 336	P	23 21 46.6 -0.3
ARCES	comp=Z,15nm,0.4s,mb4.7,baz=63,slow=8.0,SNR=339		P	23 21 53.5 -0.1
KT1K	Kautokino	57.04 336	eP	23 21 53.6 0.0
KT1K	Kautokino	57.04 336	eP	23 21 58.3 +0.9
DLBC	Dease Lake	57.56 38	P	23 21 56.7 -1.4
JOFF	Joensuu	57.66 328	eP	23 21 57.0 -2.5
JOFF	comp=Z,24nm,0.4s,mb4.9		P	23 22 00.5 -0.6
TRO	Tromso	57.89 338	eP	23 22 03.9 -1.4
TRO	comp=Z,110nm,2.1s,mb4.8		Amb	23 22 06.5 -0.9
RES	Resolute Bay	58.14 14	eP	23 22 06.5 -0.9
RES	comp=Z,23nm,0.7s,mb4.6		pmax	23 22 06.5 -0.9
RES	Resolute Bay	58.14 14	eP	23 22 06.5 -0.9
RES	comp=Z,23nm,0.7s,mb4.6		P	23 22 07.3 -0.8
MOS	Moscow	58.72 319	eP	23 22 07.3 -0.8
MOS	comp=Z,260nm,1.2s,mb4.8		pmax	23 22 10.5 -0.5
DAG	Danmarks Havn	59.07 353	iP	23 29 43.4 -2.9
DAG	comp=Z,8.0nm,0.6s,mb4.9		P	23 22 10.8 -0.3
DAG	Danmarks Havn	59.07 353	iP	23 22 10.8 -0.3
DAG	comp=Z,8.0nm,0.6s,mb4.9		P	23 22 13.4 +0.8
DAG	Danmarks Havn	59.07 353	eP	23 22 11.9 -2.2
VRHR	Novokhopersk	59.11 313	eP	23 22 11.9 -2.2
VRHR	comp=Z,10.0nm,0.5s,mb4.4		pmax	23 22 16.0 -0.4
VRHR	comp=N,10.0nm,0.9s		pmax	23 22 17.0 -0.4
VRHR	comp=E,8.0nm,0.8s		pmax	23 22 17.0 -0.4
OBN	Obninsk	59.56 319	iP	23 22 17.0 -0.4
OBN	comp=Z,30nm,0.6s,mb4.9		S	23 22 22.5
OBN	Obninsk	59.56 319	eP	23 22 23.0 -0.5
OBN	comp=Z,29nm,0.6s,mb4.9		P	23 22 21.7 -1.7
PUL	Pulkovo	59.80 325	eP	23 22 23.0 -0.5
PUL	comp=Z,68nm,0.9s,mb5.2		pmax	23 22 22.5
PUL	Pulkovo	59.80 325	eP	23 22 23.0 -0.5
PUL	comp=Z,35nm,0.4s,mb5.1		P	23 22 22.5
KAF	Kangasniemi	60.04 329	eP	23 22 23.0 -0.5
KAF	comp=Z,35nm,0.4s,mb5.1		P	23 22 22.5
KAF	Kangasniemi	60.04 329	eP	23 22 23.0 -0.5
KAF	comp=Z,35nm,0.4s,mb5.1		P	23 22 22.5
VSR	Storozhevoje	60.35 314	eP	23 22 23.0 -0.5
VSR	comp=E,2.0nm,0.4s		pmax	23 22 22.5
VSR	Storozhevoje	60.35 314	eP	23 22 23.0 -0.5
VSR	comp=Z,20nm,0.4s,mb4.9		pmax	23 22 23.0 -0.5
VSR	comp=Z,7.0nm,0.6s		pmax	23 22 23.0 -0.5
VSR	Storozhevoje	60.35 314	eP	23 22 23.0 -0.5
VSR	comp=Z,20nm,0.4s,mb4.9		pmax	23 22 23.0 -0.5
VSR	comp=Z,7.0nm,0.6s		pmax	23 22 23.0 -0.5
VSR	Storozhevoje	60.35 314	eP	23 22 23.0 -0.5
VSR	comp=Z,20nm,0.4s,mb4.9		pmax	23 22 23.0 -0.5
VSR	comp=Z,7.0nm,0.6s		pmax	23 22 23.0 -0.5
VSR	Storozhevoje	60.35 314	eP	23 22 23.0 -0.5
VSR	comp=Z,20nm,0.4s,mb4.9		pmax	23 22 23.0 -0.5
VSR	comp=Z,7.0nm,0.6s		pmax	23 22 23.0 -0.5
VSR	Storozhevoje	60.35 314	eP	23 22 23.0 -0.5
VSR	comp=Z,20nm,0.4s,mb4.9		pmax	23 22 23.0 -0.5
VSR	comp=Z,7.0nm,0.6s		pmax	23 22 23.0 -0.5
VSR	Storozhevoje	60.35 314	eP	23 22 23.0 -0.5
VSR	comp=Z,20nm,0.4s,mb4.9		pmax	23 22 23.0 -0.5
VSR	comp=Z,7.0nm,0.6s		pmax	23 22 23.0 -0.5
VSR	Storozhevoje			

B15A	Bradley Ranch,	71.98	40	↑P	P	23 23 29.2	0.0
PSZ	Piszkesteto	72.14	320	↓P	P	23 23 30.9	+0.7
PSZ	Piszkesteto	72.14	320	↓P	P	23 23 30.8	+0.6
PSZ	Piszkesteto	72.14	320	↓P	P	23 23 30.6	+0.4
PSZ	Piszkesteto	72.14	320	↓P	P	23 23 30.5	+0.3
G11A	Walters Elk Ra	72.41	4	↓P	P	23 23 30.4	-0.2
VYHS	Yhnhne	72.22	321	↓P	P	23 23 31.3	+0.6
VYHS	Yhnhne	72.22	321	↓P	P	23 23 31.3	+0.6
VYHS	Yhnhne	72.22	321	↓P	P	23 23 31.3	+0.6
SLMT	Seesley J Farms	72.29	41	↓P	P	23 23 31.8	+0.7
C15A	Salmond Ranch,	72.34	40	↓P	P	23 23 31.9	+0.6
KOLL	Kolacno	72.36	321	↓P	P	23 23 32.2	+0.7
A17A	Triple J Farms	72.39	39	↓P	P	23 23 31.4	-0.2
D14A	Greenough	72.40	41	↓P	P	23 23 31.6	-0.2
I09A	Lost Marbles R	72.43	46	↓P	P	23 23 32.2	+0.2
J08A	Circle Bar Ran	72.46	47	↓P	P	23 23 32.8	+0.7
F12A	Elk City	72.47	43	↓P	P	23 23 32.3	+0.1
GZR	Gura Ziata	72.50	316	↓P	P	23 23 32.6	+0.2
E13A	Victor	72.52	42	↓P	P	23 23 32.2	-0.2
H10A	Noah's Angus R	72.52	45	↓P	P	23 23 32.2	-0.2
BRG	Bergsiesshubel	72.66	325	↓P	P	23 23 33.3	+0.2
BRG	Bergsiesshubel	72.66	325	↓P	P	23 23 33.3	+0.2
BRG	Bergsiesshubel	72.66	325	↓P	P	23 23 33.3	+0.2
BRG	Bergsiesshubel	72.66	325	↓P	P	23 23 33.3	+0.2
VRAC	Vranov	72.66	322	↓P	P	23 23 34.0	+0.8
VRAC	Vranov	72.66	322	↓P	P	23 23 33.7	+0.5
VRAC	Vranov	72.66	322	↓P	P	23 23 33.7	+0.5
CLL	Collim	72.72	326	↓P	P	23 23 33.3	-0.2
CLL	Collim	72.72	326	↓P	P	23 23 33.3	-0.2
CLL	Collim	72.72	326	↓P	P	23 23 33.3	-0.2
CLL	Collim	72.72	326	↓P	P	23 23 33.3	-0.2
CLL	Collim	72.72	326	↓P	P	23 23 33.3	-0.2
C16A	Fuhringer Ranc	72.73	40	↓P	P	23 23 34.0	-0.1
B17A	L&G Farms, Che	72.81	39	↓P	P	23 23 34.0	-0.1
H11A	Donnelly	72.82	44	↓P	P	23 23 34.6	+0.3
I10A	Payette	72.84	45	↓P	P	23 23 34.7	+0.4
J09A	Fry Pan Ranch,	72.85	46	↓P	P	23 23 35.6	+1.1
SMOL	Smolenice	72.86	321	↓P	P	23 23 35.5	+1.1
BUD	Budapest	72.86	320	↓P	P	23 23 35.5	+1.1
G12A	Big Creek, Yel	72.88	44	↓P	P	23 23 34.3	-0.2
E14A	Clinton	72.88	42	↓P	P	23 23 34.6	+0.1
D15A	Lincoln	72.90	41	↓P	P	23 23 34.9	+0.3
F13A	Darby	72.91	43	↓P	P	23 23 34.3	-0.4
L07A	Adell	72.91	48	↓P	P	23 23 35.5	+0.7
BZS	Buzias	72.93	317	↓P	P	23 23 34.7	-0.1
NRDL	Niedersach Ric	72.93	328	↓P	P	23 23 35.0	0.0
TREC	Trest	73.16	323	↓P	P	23 23 36.5	+0.4
B18A	Beardsley Farm	73.21	38	↓P	P	23 23 36.5	+0.1
ZST	Bratislava	73.24	321	↓P	P	23 23 37.7	+1.1
ZST	Bratislava	73.24	321	↓P	P	23 23 37.7	+1.1
ZST	Bratislava	73.24	321	↓P	P	23 23 37.7	+1.1
E15A	Deer Lodge	73.29	41	↓P	P	23 23 37.5	+0.6
MVH1	Achvaich	73.30	338	↓P	P	23 23 36.7	-0.1
C17A	Wharram Farm,	73.31	40	↓P	P	23 23 36.6	-0.4
L08A	Fields	73.33	48	↓P	P	23 23 37.8	+0.6
MCD	Coleburn Disti	73.34	337	↓P	P	23 23 36.0	-0.9
D16A	Dana Ranch, Ca	73.37	40	↓P	P	23 23 37.5	+0.2
CLZ	Clausthal	73.38	327	↓P	P	23 23 37.6	+0.3
CLZ	Clausthal	73.38	327	↓P	P	23 23 37.6	+0.3
CLZ	Clausthal	73.38	327	↓P	P	23 23 37.6	+0.3
CLZ	Clausthal	73.38	327	↓P	P	23 23 37.6	+0.3
M07A	Soldier Meadow	73.43	49	↓P	P	23 23 38.6	+0.8
G13A	Cobalt	73.45	43	↓P	P	23 23 37.4	-0.5
HRY	Holter Researc	73.47	41	↓P	P	23 23 38.7	+0.7
EGMT	Eagleton	73.49	39	↓P	P	23 23 37.9	-0.1
EGMT	Eagleton	73.49	39	↓P	P	23 23 38.0	0.0
N06A	Buffalo Meadow	73.50	49	↓P	P	23 23 39.0	+0.7
H12A	Diamond D Ranc	73.52	44	↓P	P	23 23 38.2	0.0
CSS	Prodhromos	73.61	303	↓P	P	23 23 38.3	-0.7
TANN	Tannenbergsstha	73.62	325	↓P	P	23 23 38.9	+0.2
WERD	Werda	73.66	325	↓P	P	23 23 38.9	+0.2
E16A	East Helena	73.67	41	↓P	P	23 23 39.5	+0.4
D17A	Six Diamond Ra	73.69	40	↓P	P	23 23 39.3	+0.1
K10A	MacKenzie Ranc	73.72	46	↓P	P	23 23 40.0	+0.6
GUNZ	Gunzen	73.72	325	↓P	P	23 23 39.3	0.0
WERN	Wernitzgruen	73.76	325	↓P	P	23 23 39.8	+0.3
F15A	Butte	73.78	42	↓P	P	23 23 40.0	+0.3
MOX	Moxa	73.80	326	↓P	P	23 23 39.6	-0.1
MOX	Moxa	73.80	326	↓P	P	23 23 39.6	-0.1
MOX	Moxa	73.80	326	↓P	P	23 23 39.6	-0.1
MOX	Moxa	73.80	326	↓P	P	23 23 39.6	-0.1
MFID	Carnas Ranch	73.82	45	↓P	P	23 23 40.2	+0.2
PKSM	Moragy	73.86	319	↓P	P	23 23 41.1	+0.9
CONA	Conrad Observa	74.00	322	↓P	P	23 23 41.8	+0.9
CSNA	Conrad Observa	74.00	322	↓P	P	23 23 41.8	+0.9
IBBN	Ibbenburen	74.04	329	↓P	P	23 23 40.9	-0.1
DLMT	Dillon	74.07	42	↓P	P	23 23 42.1	+0.7
D18A	Linhart Farms,	74.07	39	↓P	P	23 23 41.8	+0.7
E17A	Wartinsdale	74.11	40	↓P	P	23 23 41.9	+0.3
KHC	Kasperske Hory	74.12	324	↓P	P	23 23 41.8	+0.2
KPL	Plockton	74.21	338	↓P	P	23 23 41.4	-0.5
RPTL	Rotzenmuehle	74.22	325	↓P	P	23 23 42.9	+0.8
F16A	Kenard Place,	74.24	41	↓P	P	23 23 42.5	+0.2
G15A	Dillon	74.26	42	↓P	P	23 23 42.9	+0.4
GEC2	GERESS Array S	74.28	323	↓P	P	23 23 42.6	+0.1

GEC2	comp=Z,10.0nm,0.6s,mb4.6						
GEC2	GERESS Array S	74.28	323	↓P	P	23 23 42.6	+0.1
GERE	comp=Z,10.0nm,0.6s,mb4.6						
GERE	GERESS Array S	74.28	323	↓P	P	23 23 42.5	0.0
UBBA	Unterbreizbach	74.32	327	↓P	P	23 23 42.4	-0.3
BOZ	Bozeman (W)	74.33	41	↓P	P	23 23 42.6	-0.3
BOZ	Bozeman (W)	74.33	41	↓P	P	23 23 43.8	+0.9
BOZ	Bozeman (W)	74.33	41	↓P	P	23 23 42.6	-0.3
BOZ	Bozeman (W)	74.33	41	↓P	P	23 23 43.5	+0.6
WET	Wetzell	74.41	324	↓P	P	23 23 43.9	+0.7
WET	Wetzell	74.41	324	↓P	P	23 23 43.9	+0.7
L10A	Juniper Basin	74.42	47	↓P	P	23 23 44.5	+1.1
HLID	Hailey	74.44	44	↓P	P	23 23 44.3	+0.7
HLID	Hailey	74.44	44	↓P	P	23 23 44.1	+0.5
E18A	Harlowton	74.48	40	↓P	P	23 23 44.6	+0.9
G16A	Moss Hill, Enn	74.55	42	↓P	P	23 23 44.3	+0.2
EBH	Black Hill	74.56	337	↓P	P	23 23 43.5	-0.5
ESY	Stoneypath	74.58	336	↓P	P	23 23 43.5	-0.5
H15A	Lima	74.58	43	↓P	P	23 23 44.9	+0.6
F17A	Fitzpatrick Pl	74.61	41	↓P	P	23 23 45.3	+0.8
A17A	Arzberg	74.66	321	↓P	P	23 23 45.0	+0.3
WTSB	Winterswijk	74.67	329	↓P	P	23 23 44.3	-0.4
I14A	Mackay	74.67	44	↓P	P	23 23 45.4	+0.6
J13A	Cove Ranch, Pi	74.68	44	↓P	P	23 23 45.6	+0.7
GR1A	Grabenberg Arr	74.69	325	↓P	P	23 23 45.5	+0.7
GRF	Grabenberg Arr	74.69	325	↓P	P	23 23 45.5	+0.7
GRF	Grabenberg Arr	74.69	325	↓P	P	23 23 45.5	+0.7
GRF	Grabenberg Arr	74.69	325	↓P	P	23 23 45.5	+0.7
EBL	Broad Lay	74.83	336	↓P	P	23 23 45.3	-0.1
EAB	Aberfoyle	74.84	337	↓P	P	23 23 45.3	-0.3
K12A	Donner Farm, C	74.85	45	↓P	P	23 23 45.6	+0.7
BUG	Bochum-Univer	74.91	328	↓P	P	23 23 45.8	-0.2
STKA	Stevens Creek	75.02	173	↓P	P	23 23 46.5	-0.2
CMB	Columbia Colle	75.05	52	↓P	P	23 23 47.3	+0.3
F18A	Big Timber	75.06	40	↓P	P	23 23 47.6	+0.6
J14A	Carney	75.07	44	↓P	P	23 23 47.9	+0.8
H16A	Russell Place,	75.21	42	↓P	P	23 23 48.5	+0.7
PGBU	Glenfirbraes	75.21	337	↓P	P	23 23 47.5	-0.1
PGBU	Glenfirbraes	75.21	337	↓P	P	23 23 47.5	-0.1
ESK	Eskdalemuir	75.27	336	↓P	P	23 23 47.6	-0.3
ESK	Eskdalemuir	75.27	336	↓P	P	23 23 47.6	-0.3
PERE	Perrie	75.30	321	↓P	P	23 23 48.5	+0.2
SOKA	Soboth	75.31	321	↓P	P	23 23 48.5	+0.2
XAL	Allendale	75.36	335	↓P	P	23 23 47.8	-0.7
ECK	Cauldkaite Hil	75.36	336	↓P	P	23 23 48.0	-0.5
TNS	Taurus Mts	75.41	327	↓P	P	23 23 48.9	+0.1
TNS	Taurus Mts	75.41	327	↓P	P	23 23 48.9	+0.1
TNS	Taurus Mts	75.41	327	↓P	P	23 23 48.9	+0.1
TNS	Taurus Mts	75.41	327	↓P	P	23 23 48.9	+0.1
RJOB	Jobchberg	75.51	323	↓P	P	23 23 49.9	+0.4
J15A	Blackfoot	75.56	43	↓P	P	23 23 50.8	+0.9
DGMT	Dagmar	75.61	36	↓P	P	23 23 49.9	-0.1
OBKA	Obir	75.66	321	↓P	P	23 23 50.3	

10d Oh

ATH 09 23:35:55.8, 37.02N, 29.06E, h10km, MD3.3/3
CSEM 09 23:35:55.1, 0.1, 36.97N, 29.26E, h5km, MD3.2, Error
ellipse: s-maj=3.0km s-min=2.7km az=161.0

ISC 09 23:35:55.4, 0.4, 36.98N, 0.03, 29.25E, 0.03, h5km, 4km,
n75, c090/98, Turkey

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

IDC 09 23:50:07.9, 5.5, 19.32S, 167.63E, h0km, mb4.1/4,
mb1.4, 2.4, mb1mx4.1/13, mbtmp4.1/4, Error ellipse:
s-maj=145.8km s-min=46.3km az=125.0

NEIC 09 23:50:08.4, 0.8, 19.78S, 167.86E, h10km, mb4.1/2, Error
ellipse: s-maj=29.6km s-min=12.8km az=148.0

ISCUB 09 23:50:09.4, 0.7, 19.83S, 0.09, 168.0E, 0.1, h33km,
mb4.1/7, Error ellipse: s-maj=19.0km s-min=7.6km
az=36.3

ISC 09 23:50:10.6, 1.0, 19.93S, 0.1, 168.1E, 0.2, h35km, n13,
c131/15, mb4.1/7, Vanuatu Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for Vanuatu Islands.

NEIC 10 00:16:12.0, 13.03N, 61.07W, h243km, MD3.7(TRN), After
TRN.
TRN 10 00:16:10.9, 12.33N, 59.45W, h21km, MD4.1, 2C-2D,
Windward Islands

2008 APR

Table with columns: BHS, Station Name, Time, Res, ISC. Lists seismic stations for the 2008 APR period.

DDA 10 00:16:58.9, 39.91N, 25.59E, h7km, 6km, MD3.2
ISCUB 10 00:16:59.8, 0.5, 39.84N, 0.02, 25.61E, 0.02, h1km, 3km,
Error ellipse: s-maj=4.0km s-min=2.5km az=20.0

NEIC 10 00:16:59.9, 39.81N, 25.66E, h3km, MD3.1(ATH),
MD3.2(SK), ML3.0(THE), After ISK.

ATH 10 00:17:00.3, 39.86N, 25.64E, h1km, 4km, MD3.1/5
ISK 10 00:17:00.2, 39.81N, 25.66E, h4km, MD3.2
THE 10 00:17:00.5, 39.82N, 25.61E, h0km, 1km, ML3.0/6, Error
ellipse: s-maj=1.9km s-min=0.8km az=129.0

CSEM 10 00:17:00.3, 0.1, 39.82N, 25.60E, h2km, ML3.0/6, Error
ellipse: s-maj=3.0km s-min=2.1km az=20.0

SOF 10 00:17:03.0, 4.0, 10N, 25.74E, h18km, MD2.7
ISC 10 00:17:00.6, 0.4, 39.82N, 0.02, 25.61E, 0.02, h4km, 3km,
n125, c083/172, GD, Aegean Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the Aegean Sea region.

LIA Limnos Island 0.33 284 ePb S
LIA Limnos Island 0.33 284 S
LIA Limnos Island 0.33 284 P
LIA Limnos Island 0.33 284 P

BOZ Bozcaada 0.34 86 iP S
BOZ Bozcaada 0.34 86 iS S
LOS Limnos 0.42 286 P
LOS Limnos 0.42 286 P
LOS Limnos 0.42 286 P
GADA Gvkgeada 0.43 31 ePb S
GADA Gvkgeada 0.43 31 eSg S
GADA Gvkgeada 0.43 31 ePb S
GADA Gvkgeada 0.43 31 eSg S

EZN Ezine 0.56 89 ePb S
EZN Ezine 0.56 89 eSg S
EZN Ezine 0.56 89 ePb S
EZN Ezine 0.56 89 eSg S
SIGR SIGRI 0.64 162 P
SIGR SIGRI 0.64 162 P
PRK Paraskevi 0.77 138 ePb S
PRK Paraskevi 0.77 138 S
PRK Paraskevi 0.77 138 P
PRK Paraskevi 0.77 138 eSb S

AYVA Ayvalik 0.98 121 iS S
AYVA Ayvalik 0.98 121 iP S
ENEZ Enez 1.01 24 ePb S
ENEZ Enez 1.01 24 ePb S
LPK Lapseki 1.04 58 ePb S
ALN Alexandroupoli 1.13 17 P
ALN Alexandroupoli 1.13 17 P
ALN Alexandroupoli 1.13 17 P
ALN Alexandroupoli 1.13 17 P

RDO Rodhopi 1.32 358 ePb S
RDO Rodhopi 1.32 358 P
RDO Rodhopi 1.32 358 P
OUR Ouranopolis 1.35 293 P
OUR Ouranopolis 1.35 293 P
OUR Ouranopolis 1.35 293 P
OUR Ouranopolis 1.35 293 P
RKY Sarkoy-Tekirda 1.48 54 ePb S
RKY Sarkoy-Tekirda 1.48 54 Pn
RKY Sarkoy-Tekirda 1.48 54 Pn
RKY Sarkoy-Tekirda 1.48 54 Sg

AOS Alonissos 1.48 245 P
AOS Alonissos 1.48 245 P
AOS Alonissos 1.48 245 P
PAIG Paliouri 1.49 275 S
PAIG Paliouri 1.49 275 S
PAIG Paliouri 1.49 275 P
PAIG Paliouri 1.49 275 P

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the 2008 APR period.

DDA 10 00:16:58.9, 39.91N, 25.59E, h7km, 6km, MD3.2
ISCUB 10 00:16:59.8, 0.5, 39.84N, 0.02, 25.61E, 0.02, h1km, 3km,
Error ellipse: s-maj=4.0km s-min=2.5km az=20.0

NEIC 10 00:16:59.9, 39.81N, 25.66E, h3km, MD3.1(ATH),
MD3.2(SK), ML3.0(THE), After ISK.

ATH 10 00:17:00.3, 39.86N, 25.64E, h1km, 4km, MD3.1/5
ISK 10 00:17:00.2, 39.81N, 25.66E, h4km, MD3.2
THE 10 00:17:00.5, 39.82N, 25.61E, h0km, 1km, ML3.0/6, Error
ellipse: s-maj=1.9km s-min=0.8km az=129.0

CSEM 10 00:17:00.3, 0.1, 39.82N, 25.60E, h2km, ML3.0/6, Error
ellipse: s-maj=3.0km s-min=2.1km az=20.0

SOF 10 00:17:03.0, 4.0, 10N, 25.74E, h18km, MD2.7
ISC 10 00:17:00.6, 0.4, 39.82N, 0.02, 25.61E, 0.02, h4km, 3km,
n125, c083/172, GD, Aegean Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the Aegean Sea region.

LIA Limnos Island 0.33 284 ePb S
LIA Limnos Island 0.33 284 S
LIA Limnos Island 0.33 284 P
LIA Limnos Island 0.33 284 P

BOZ Bozcaada 0.34 86 iP S
BOZ Bozcaada 0.34 86 iS S
LOS Limnos 0.42 286 P
LOS Limnos 0.42 286 P
LOS Limnos 0.42 286 P
GADA Gvkgeada 0.43 31 ePb S
GADA Gvkgeada 0.43 31 eSg S
GADA Gvkgeada 0.43 31 ePb S
GADA Gvkgeada 0.43 31 eSg S

EZN Ezine 0.56 89 ePb S
EZN Ezine 0.56 89 eSg S
EZN Ezine 0.56 89 ePb S
EZN Ezine 0.56 89 eSg S
SIGR SIGRI 0.64 162 P
SIGR SIGRI 0.64 162 P
PRK Paraskevi 0.77 138 ePb S
PRK Paraskevi 0.77 138 S
PRK Paraskevi 0.77 138 P
PRK Paraskevi 0.77 138 eSb S

AYVA Ayvalik 0.98 121 iS S
AYVA Ayvalik 0.98 121 iP S
ENEZ Enez 1.01 24 ePb S
ENEZ Enez 1.01 24 ePb S
LPK Lapseki 1.04 58 ePb S
ALN Alexandroupoli 1.13 17 P
ALN Alexandroupoli 1.13 17 P
ALN Alexandroupoli 1.13 17 P
ALN Alexandroupoli 1.13 17 P

RDO Rodhopi 1.32 358 ePb S
RDO Rodhopi 1.32 358 P
RDO Rodhopi 1.32 358 P
OUR Ouranopolis 1.35 293 P
OUR Ouranopolis 1.35 293 P
OUR Ouranopolis 1.35 293 P
OUR Ouranopolis 1.35 293 P
RKY Sarkoy-Tekirda 1.48 54 ePb S
RKY Sarkoy-Tekirda 1.48 54 Pn
RKY Sarkoy-Tekirda 1.48 54 Pn
RKY Sarkoy-Tekirda 1.48 54 Sg

AOS Alonissos 1.48 245 P
AOS Alonissos 1.48 245 P
AOS Alonissos 1.48 245 P
PAIG Paliouri 1.49 275 S
PAIG Paliouri 1.49 275 S
PAIG Paliouri 1.49 275 P
PAIG Paliouri 1.49 275 P

390

NOU 10 00:20:59.3, 0.8, 19.92S, 168.43E, h10km, MD3.1, ML3.3
IDC 10 00:20:59.7, 1.0, 19.87S, 168.30E, h0km, mb3.7/3,
mb1.3, 3/3, mb1mx3.7/13, mbtmp3.7/3, MS3.5/1, Ms1.3, 4/1,
ms1mx2.8/20, Error ellipse: s-maj=318.6km s-min=56.7km
az=36.0
ISC 10 00:21:00.3, 4.7, 20.3S, 0.3, 168.6E, 0.6, h16km, 36km, n8,
c029/9, mb3.7/3, Loyalty Islands
Code Station Name Delta A Delta Z Phase ID Time Res ISC
DZM Mont Dzumac 2.69 228 eP Op ISC
DZM Mont Dzumac 2.69 228 eS Sn
DZM Mont Dzumac 2.69 228 eS Sn
DZM Mont Dzumac 2.69 228 eS Sn
PLUM Mont Dore 2.70 222 eS Sn
NORM Noumea 2.72 225 eS Sn
NOUC Port Laguerre 2.81 229 eS Sn
NOUC Port Laguerre 2.81 229 eS Sn
NOUC Port Laguerre 2.81 229 eS Sn
NOUC Port Laguerre 2.81 229 eS Sn
STKA Stephens Creek 26.79 239 LR LR
WRA Warramunga Arr 32.14 285 P P
ASAR Alice Springs 32.31 258 P P
SONM Songino Array 87.69 323 P P
ISCUB 10 00:22:36.2, 0.5, 27.42N, 0.06, 140.37E, 0.09,
h467km, 5km, mb3.7/17, Error ellipse: s-maj=12.7km
s-min=9.2km az=1.3
IDC 10 00:22:36.6, 0.6, 27.38N, 140.50E, h463km, 7km, mb3.4/10,
mb1.3, 5/11, mb1mx3.3/22, mbtmp3.5/11, Error ellipse:
s-maj=23.7km s-min=15.6km az=70.0
NEIC 10 00:22:39.3, 1.1, 27.51N, 140.30E, h484km, 14km, mb3.8/3,
Error ellipse: s-maj=19.9km s-min=12.8km az=70.0
JMA 10 00:22:39.6, 0.1, 27.71N, 141.06E, h463km, M3.8
ISC 10 00:22:37.1, 0.5, 27.48N, 0.06, 140.5E, 0.1, h463km, 6km,
n34, c112/40, mb3.7/17, Bonin Islands region
Code Station Name Delta A Delta Z Phase ID Time Res ISC
CBJ Chichi jima 1.58 104 Op P
CBJ Chichi jima 1.58 104 Op P
CBJ Chichi jima 1.58 104 P P
CBJ Chichi jima 1.58 104 P P
JHHU Haha-jima-NKT 1.75 119 P S
BSO3 Boso 3 7.30 0 eS S
BSO4 Boso 4 7.49 359 eS S
JIE Ise 7.49 359 eS S
JAG Ashikaga 9.96 355 P S
MAJO Matsushiro 10.87 269 Pn P
JOW Kunigami 10.87 269 Pn P

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JOW, KJW, GUM, SONM, LSA, WRA, ZALV, MKAR, etc.

ISCJB 10 00:53:26.7z, 1.813N, 0.26371W, 0.10, h98km, 16km, Error ellipse: s-maj=40.6km s-min=7.9km az=19.7

TRN 10 00:53:26.5, 17.91N, 63.88W, h14km, MD3.7

ISC 10 00:53:27.7, 18.28N, 63.76W, h101km, 2km

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

MOS 10 00:53:55.0, 1.6, 35.64N, 140.38E, h33km, mb4.4/14, Error ellipse: s-maj=12.4km s-min=2.9km az=115.0

NIED 10 00:54:00.35, 30N, 140.10E, h59km, Mw4.2, Best double couple: M2 3.00000, N1P1=3.16 0.0000, 0.69 0.0000, 1.70 0.0000, NP2=1.82 0.0000, 0.29 0.0000, 1.32 0.0000

IDC 10 00:54:00.5, 1.2, 35.72N, 140.16E, h58km, 10km, mb3.8/20, mb1.4, 0/23, mb1mx3.9/0, mbmp3.9/23, MS2.7/2, Ms1.2/72, ms1mx2.3/44, Error ellipse: s-maj=12.7km s-min=6.8km az=66.0

ISCJB 10 00:54:00.7, 0.3, 35.74N, 0.03, 140.09E, 0.04, h77km, 2km, mb4.2/34, Error ellipse: s-maj=5.9km s-min=4.0km az=151.8

NEIC 10 00:54:01.4, 0.9, 35.75N, 140.13E, h67km, 7km, mb4.5/9, MW4.2(NIED), Error ellipse: s-maj=7.5km s-min=5.7km az=123.0

JMA 10 00:54:02.0, 0.2, 35.78N, 140.07E, h68km, 2km, M4.1 Broadband fault plane solution: P waves. NP1: 0.912 0.0000, 0.826 0.0000, 1.141 0.0000, NP2: 0.318 0.0000, 0.874 0.0000, 0.69 0.0000, Principal axes: T Plg56.0000, Azm201.0000, N Plg20.0000, Azm324.0000; P Plg26.0000, Azm64.0000;

JMA Felt II J1

ISC 10 00:54:01.8, 0.3, 35.75N, 0.03, 140.09E, 0.04, h69km, 2km, n101, 0.087/119, mb4.2/34, 3C-5D, Near east coast of eastern Honshu

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

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CBIJ, CBIJ, KOREA, KOREA, KOREA, etc.

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

IDC 10 01:09:57.5, 0.4, 20.39S, 168.94E, h0km, mb5.0/19, mb1.5/21, mb1mx5.1/23, mbtmp5.0/21, ML3.6/2, MS5.4/15, Ms1.5/415, ms1mx5.2/19, Error ellipse: s-maj=11.8km s-min=11.1km az=80.0

ISCJB 10 01:09:58.3, 1.3, 20.32S, 0.03, 168.94E, 0.03, h12km, 8km, mb5.3/96, MS5.5/242, Error ellipse: s-maj=5.9km s-min=3.9km az=151.4

BUI 10 01:10:00.0, 0.3, 20.09S, 169.150E, h31km, mb5.8/47, mb5.2/43, MS5.5/52, MS7.5/245

LDG 10 01:10:00.0, 0.2, 19.97S, 168.52E, h10km, mb5.6/4, MS5.4/9, Error ellipse: s-maj=3.2km s-min=5.1km az=18.0

SZGRF 10 01:10:02.2, 20.08S, 170.23E, h33km, mb5.7, Vanuatu Islands

NEIC 10 01:10.0, 0.0, 20.33S, 168.94E, h35km, mb5.6/65, MS5.5/200, Error ellipse: s-maj=7.0km s-min=4.7km az=147.0

MOS 10 01:10:02.0, 1.3, 20.19S, 168.79E, h33km, mb5.7/33, MS5.5/58, Error ellipse: s-maj=9.4km s-min=8.5km az=100.5

NOU 10 01:10:02.0, 0.5, 19.96S, 168.30E, h10km, MD3.1, ML4.4 BGS 10 01:10:03.1, 4.9, 20.33S, 168.94E, h33km, MS5.6, mb5.5/NEIC

GCMT 10 01:10:03.0, 0.1, 20.44S, 168.71E, h27km, MW5.8/117, Moment Tensor Solution, s117 c238, Duration: 2s, Moment tensor: Scale 10^17Nm; Mr=5.41; 07; Mo=0.53; 06; Mw=4.89; 06; Ms=1.82; 14; Mm=2.60; 05; Ml=3.97; 13; Best double couple: M7.22500x1017 NP1: 0.335 0.0000, 0.826 0.0000, 1.90 0.0000, NP2: 0.155 0.0000, 0.864 0.0000, 1.90 0.0000, Principal axes: T 6.8790, Plg170.0000, Azm66.0000; N 0.6850, Plg0.0000, Azm335.0000; P -7.5720, Plg19.0000, Azm245.0000; nsta1 refers to body waves, cutoff=50s, nsta2 refers to surface/mantle waves

DJA 10 01:10:04.8, 20.65S, 168.64E, h28km, Mw5.9/29, ISC 10 01:10:02.3, 1.3, 20.32S, 0.03, 168.95E, 0.03, h29km, 8km, h33km, 1.2km, pp-P, n1064, 0.673/517, mb5.3/96, MS5.5/242, 183C-143D, Loyalty Islands

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

KMI	comp=Z,184nm,1.1s,mb5.9	P	P	01 22 02.4 +0.7
KMI	Kunming	78.62 302	pP	01 22 09.6 -1.3
KMI			sP	01 22 12.2 -2.1
KMI			PP	01 25 05.0 +4.9
KMI			S	01 32 01.9 +4.3
KMI			sS	01 32 12.7 +0.5
KMI			pmax	
KMI	comp=Z,23nm,1.7s,mb4.8		pmax	
KMI	comp=Z,640nm,6.8s		LR	LR
KMI	comp=N,650nm,18.8s,MS5.2		LR	LR
KMI	comp=E,780nm,18.8s,MS5.2		LR	LR
KMI	comp=Z,1.7um,17.4s,MS5.2		LR	LR
XAN	Xi'an	78.64 313	P	01 22 02.8 +1.1
XAN			pP	01 22 13.8 +2.9
XAN			PP	01 25 02.7 +2.6
XAN			S	01 32 00.8 +3.9
XAN			SS	01 37 06.9 +5.1
XAN			pmax	
XAN	comp=Z,8.0nm,1.5s,mb4.4		pmax	
XAN	comp=Z,260nm,7.9s		LR	LR
XAN	comp=N,670nm,23.0s,MS5.0		LR	LR
XAN	comp=E,340nm,20.0s,MS5.0		LR	LR
XAN	comp=Z,400nm,18.4s,MS4.8		LR	LR
CHG	Chiang Mai	78.86 295	JP	01 22 04.9 +1.7
CHTO	Chiang Mai	78.86 295	eP	01 22 04.9 +1.7
CHTO			pmax	
CHTO	comp=Z,79nm,1.4s,mb5.5		MLR	MLR
CHTO	comp=Z,685nm,19.0s,MS5.0		MLR	MLR
CHTO	Chiang Mai	78.86 295	eP	01 22 04.9 +1.7
CHTO			LR	LR
CD2	Chengdu	80.68 308	JP	01 22 14.0 +1.2
CD2			pP	01 22 24.4 +2.4
CD2			sP	01 22 29.6 +4.2
CD2			PP	01 25 21.1 +3.9
CD2			S	01 32 19.5 +0.9
CD2			sS	01 32 36.7 +2.8
CD2			pmax	
CD2	comp=Z,30nm,1.3s,mb5.1		pmax	
CD2	comp=Z,1um,8.3s		LR	LR
CD2	comp=N,2um,22.6s,MS5.6		LR	LR
CD2	comp=E,2um,21.4s,MS5.6		LR	LR
CD2	comp=Z,2um,17.8s,MS5.5		LR	LR
BTO	Batou	81.67 319	eP	01 22 18.1 +0.3
HIA	Hailar	81.91 330	eP	01 22 18.9 0.0
HIA			pmax	
HIA	comp=Z,14nm,1.1s		MLR	MLR
HIA	comp=Z,1um,21.0s		P	01 22 18.9 0.0
HIA	comp=Z,14nm,1.1s,mb4.8		LR	LR
HIA	comp=Z,1um,21.0s,MS5.3		LR	LR
LZH	Lanzhou	83.25 312	eP	01 22 28.7 +2.5
LZH			pP	01 22 38.1 +2.6
LZH			sP	01 22 42.9 +4.0
LZH			PP	01 25 43.3 +5.0
LZH			eS	01 32 50.0 +5.1
LZH			sS	01 33 07.0 +6.8
LZH			SS	01 38 18.0 +7.4
LZH	comp=Z,51nm,1.3s,mb5.4		pmax	
LZH	comp=Z,320nm,6.1s		pmax	
LZH	comp=E,440nm,16.0s		LR	LR
LZH	comp=Z,930nm,18.3s,MS5.2		LR	LR
SYO	Syowa Base	83.82 196	JP	01 22 32.8 +4.1
SEY	Seymchan	84.00 352	eP	01 22 29.2 -0.2
SEY			P	01 22 29.3 -0.1
KDKA	Kodiak Island	84.14 20c	eP	01 22 30.5 +0.3
KDKA	Kodiak Island	84.14 20c	P	01 22 30.8 +0.6
KDKA			LR	LR
KDKA	comp=Z,16nm,0.7s,mb5.3,baz=25s,slow=2.4,SNR=8.4		LR	LR
KDKA	comp=Z,5um,18.3s,MS5.9,baz=22s,slow=34		LR	LR
KDKA	Kodiak Island	84.14 20c	eP	01 22 30.7 +0.5
KDKA			P	01 22 30.7 +0.5
KDKA	comp=Z,31nm,0.8s,mb5.5		LR	LR
KDKA	comp=Z,2um,19.0s,MS5.9		LR	LR
GAMB	Gambell	85.18 8	eP	01 22 34.8 -0.5
NRGR	Nerungr	85.21 337	eP	01 22 37.1 +1.5
NRGR			S	01 33 09.9 +6.4
NRGR			smax	
CLNS	Chul'man	85.28 337c	JP	01 22 36.5 +0.5
CLNS			e	01 22 41.6
CLNS			ePP	01 22 53.8 +8.5
CLNS			ePPP	01 27 50.4
CLNS			pmax	
CLNS	comp=Z,129nm,1.6s,mb5.8		pmax	
CLNS	comp=N,76nm,1.6s		pmax	
CLNS	comp=E,23nm,1.6s		pmax	
CLNS	comp=Z,1.0um,0.9s,mb5.0		pmax	
CLNS	comp=N,6.0nm,0.9s		pmax	
CLNS	comp=E,9.0nm,0.9s		pmax	
CLNS	comp=Z,528nm,20.0s,MS4.9		MLR	MLR
CLNS	comp=N,505nm,18.0s,MS5.0		MLR	MLR
CLNS	comp=E,235nm,18.0s,MS5.0		MLR	MLR
CLNS	Chul'man	85.28 337	JP	01 22 36.6 +0.6
IMP	Imphal	85.61 298	ex	01 22 39.0
PMSA	Palmer Station	85.99 160	PFAKE	01 22 50.0 +1.0
PMSA			LR	LR
SVW2	Sparveohn	86.01 16	eP	01 22 39.5 0.0
MCCM	Marconi Confer	86.40 47	PFAKE	01 22 50.0 +8.0
MCCM			LR	LR
HOPS	Hoplund	86.68 46	PFAKE	01 22 50.0 +6.6
HOPS			LR	LR
SAO	San Andreas Ge	86.73 49	PFAKE	01 22 50.0 +6.3
SAO			LR	LR
PKM	Peak Mountain	87.04 51	JP	01 22 45.7 +0.4
KHMM	Horse Mountain	87.17 44	eP	01 22 47.4 +1.7
TNA	Tin City	87.41 9	eP	01 22 46.5 +0.3
ULN	Ulanbatar	87.57 324c	JP	01 22 48.1 +0.6
ULN	Ulanbatar	87.57 324c	eP	01 22 48.8 +1.3
ULN			LR	LR
ULN	comp=Z,90nm,1.4s,mb5.5		LR	LR
SHL	Shillong	87.62 298	eP	01 22 50.0 +1.7
SHL			x	01 33 19.0
GTA	Gaotai	87.67 314	P	01 22 49.4 +1.2
GTA			pP	01 23 00.3 +2.8
GTA			sP	01 23 03.9 +3.1
GTA			PP	01 25 18.0 +4.5
GTA			SKS	01 33 12.7
GTA			S	01 33 29.2 +0.9
GTA			sS	01 33 46.3 +2.6
GTA			SS	01 39 20.2 +4.7
GTA	comp=Z,17nm,1.8s,mb5.0		pmax	
GTA	comp=Z,680nm,5.4s		LR	LR
GTA	comp=N,770nm,18.0s,MS5.3		LR	LR

GTA	comp=E,630nm,18.6s,MS5.3	LR	LR	
GTA	comp=Z,860nm,20.1s,MS5.2	LR	LR	
NVL	Nizarevskaya	87.75 187	eP	01 22 52.9 +4.8
NVL			P	01 23 01.0 +3.6
NVL			pP	01 28 17.0
NVL			i	01 33 21.0
NVL			e	
NVL			pmax	
MAIT	Maitri	87.76 187	eP	01 22 47.0 -1.1
WDC	Whiskeytown Da	87.81 45	eP	01 22 49.1 +0.3
WDC			pmax	
WDC	comp=Z,61nm,1.7s,mb5.5		MLR	MLR
WDC	comp=Z,3um,22.0s,MS5.6		MLR	MLR
WDC	Whiskeytown Da	87.81 45	eP	01 22 49.1 +0.3
WDC			LR	LR
WDC	comp=Z,3um,22.0s,MS5.6		LR	LR
YAK	Yakutsk	87.82 343	eP	01 22 47.4 -0.9
YAK			ePP	01 22 58.2 +0.6
YAK			e	01 26 11.3
YAK			ePPP	01 28 08.4
YAK			eS	01 33 11.9 -1.7
YAK			e	01 33 27.9
YAK			eSS	01 39 13.7 -3.0
YAK			pmax	
YAK	comp=Z,34nm,0.9s,mb5.6		pmax	
YAK	comp=N,11nm,1.5s		pmax	
YAK	comp=E,6.0nm,1.0s		pmax	
YAK	comp=Z,6.0nm,0.6s,mb5.0		pmax	
YAK			smax	
YAK	comp=N,141nm,2.2s		smax	
YAK	comp=E,140nm,2.3s		MLR	MLR
YAK	comp=Z,2um,18.0s,MS5.6		MLR	MLR
YAK	comp=N,1um,18.0s,MS5.5		MLR	MLR
YAK	comp=Z,2um,19.0s,MS5.6		MLR	MLR
YAK	comp=Z,930nm,18.0s,MS5.5		MLR	MLR
YAK	Yakutsk	87.82 343	eP	01 22 48.7 +0.4
YAK			P	01 22 48.7 +0.4
YAK	comp=E,80nm,1.0s,mb5.9		LR	LR
YAK	comp=Z,2um,19.0s,MS5.6		LR	LR
ARVC	Arvin	87.87 51	JP	01 22 49.0 -0.2
ARVC			baz=88	
SONM	Songino Array	87.92 323	P	01 22 49.1 0.0
SONM			comp=Z,1.1nm,1.0s,mb4.8,baz=140,slow=4.0,SNR=29	
OHCM	Honcuc	87.93 47	eP	01 22 49.6 +0.2
YES	Vestal, Richson	88.00 51	JP	01 22 48.9 -1.0
MWC	Mount Wilson	88.02 52	eP	01 22 49.9 -0.1
CMB	Columbia Cole	88.08 46	eP	01 22 50.3 +0.2
CMB			pmax	
CMB	comp=Z,76nm,1.8s,mb5.6		MLR	MLR
CMB	comp=Z,3um,21.0s,MS5.7		MLR	MLR
CMB	Columbia Cole	88.08 46	eP	01 22 50.3 +0.1
CMB			LR	LR
CMB	comp=Z,76nm,1.8s,mb5.6		LR	LR
BILL	Bilibino	88.12 359f	eP	01 22 48.4 -1.2
BILL			S	01 33 16.7 +1.0
BILL			ePS	01 34 44.6
BILL			pmax	
BILL	comp=Z,47nm,1.7s,mb5.4		pmax	
BILL	comp=Z,1um,18.0s,MS5.3		MLR	MLR
BILL	Bilibino	88.12 359	eP	01 22 49.7 +0.1
BILL			LR	LR
BILL	comp=Z,88nm,1.7s,mb5.7		LR	LR
BILL	comp=Z,1um,22.0s,MS5.3		LR	LR
109C	Camp Elliot, M	88.17 54	JP	01 22 50.4 -0.4
PMR	Palmer	88.24 19	eP	01 22 50.9 +0.6
YBH	Yreka Blue Hor	88.26 44	eP	01 22 52.1 +1.2
YBH			pmax	
YBH	comp=Z,78nm,1.8s,mb5.6		MLR	MLR
YBH	comp=Z,2um,20.0s		MLR	MLR
YBH	Yreka Blue Hor	88.26 44	eP	01 22 50.9 0.0
YBH			comp=Z,6.7nm,0.7s,mb5.0,baz=164,slow=1.9,SNR=10	
YBH	Yreka Blue Hor	88.26 44	eP	01 22 52.1 +1.2
YBH			P	01 22 52.1 +1.2
YBH	comp=Z,78nm,1.8s,mb5.6		LR	LR
YBH	comp=Z,2um,20.0s,MS5.6		LR	LR
YBH	Mount Baldy St	88.34 53	JP	01 22 51.0 -0.5
YBH			baz=88	
ISA	Isabella	88.37 51	eP	01 22 52.1 +0.5
ISA			pmax	
ISA	comp=Z,13nm,0.8s,mb5.2		pmax	
ISA	Isabella	88.37 51	eP	01 22 51.3 -0.3
ISA			baz=88	
ISA	Isabella	88.37 51	eP	01 22 52.1 +0.5
ISA			comp=Z,13nm,0.8s,mb5.2	
EDW2	Edwards Air Fo	88.38 52	JP	01 22 51.1 -0.5
EDW2			baz=88	
MURC	Murieta	88.41 53	JP	01 22 51.2 -0.6
MURC			baz=88	
HUMO	Hull Mountain	88.53 43	eP	01 22 52.2 0.0
HUMO			comp=Z,37nm,1.3s,mb5.6	
HUMO			LR	LR
HUMO	comp=Z,3um,20.0s,MS5.7		LR	LR
VNA3	Neumayer Olymp	88.67 180	eP	01 22 51.6 -0.8
VNA3			e	01 23 06.5
MONP	Monument Peak	88.70 54	JP	01 22 52.9 -0.3
MONP			baz=89	
DVTC	Desert V Tower	88.84 55	JP	01 22 54.0 +0.1
DVTC			baz=89	
LRMC	Laurel Mount	88.86 51	JP	01 22 53.8 -0.1
LRMC			baz=89	
BBRC	Big Bear Sol-O	88.90 53	JP	01 22 53.9 -0.2
BBRC			baz=89	
WAKR	Walker	88.95 48	eP	01 22 54.5 +0.2
VNA2	Neumayer-Watz	88.96 181	eP	01 22 53.2 -0.6
VNA2			e	01 23 08.3
PFO	Pinyon Flat Ob	88.97 54	eP	01 22 56.3 +1.9
PFO			comp=Z,20nm,1.1s,mb5.3	
PFO	Pinyon Flat Ob	88.97 54	JP	01 22 54.4 -0.1
PFO			LR	LR
PFO	comp=Z,2um,20.0s,MS5.5		LR	LR
MLAC	Mammoth Lakes	88.98 49	JP	01 22 54.6 +0.2
MLAC			baz=89	
CWC	Cottonwood Cre	89.00 50	JP	01 22 54.3 -0.2
CWC			baz=89	
MTUM	Tungsten Hills	89.05 49	eP	01 22 54.9 +0.2
WCN	Wasioche City	89.09 47	JP	01 22 55.2 +0.3
WCN			baz=89	
RRX	Edison Barstow	89.11 52	JP	01 22 54.4 -0.7
RRX			baz=89	
TIN	Tinemaha	89.16 50	JP	01 22 55.2 -0.1
TIN			baz=89	
SWSC	Sam W. Stewart	89.19 54	JP	01 22 55.6 +0.1
SWSC			baz=89	
MPMC	Manual Prospec	89.26 51	JP	01 22 55.5 -0.3
MPMC			baz=89	
KTH	Kantishna Hill	89.28 17	eP	01 22 54.0 -1.1
KTH			comp=Z,7.3nm,0.9s,mb5.0	
DAC	Darwin (Calif)	89.28 51	PFAKE	01 23 10.0 +1.4
DAC			LR	LR
DAC	comp=Z,3um,19.0s,MS5.7		LR	LR
COR	Corvallis	89.28 41	PFAKE	01 23 10.0 +1.4
COR			LR	LR
COR	comp=Z,2um,21.0s,MS5.6		LR	LR
TRF	Thoreau Mou	89.37 17	eP	01 22 55

Table with columns for station ID, name, frequency, power, and various signal quality metrics. Includes stations like Wintersburg, Moapa, Valley of Fire, Haines Junction, Troy Canyon, Lands Inn, Yakima, Wickenburg, Grand Canyon W, Taplejung, Duckwater, Cortez Mining, Circle Bar Ranch, Delamar Landin, Odare, Sonoran Desert, Jim Creek, Paikoon Wash, Phinny Hill, Yava, Cle Elum, Gila River Ind, Maple Falls, Seligman, Prairie City, Three Points, Mount Baker, Eloy, Rockport, Casa Rosa Ranch, Fry Pan Ranch, L.L. Ranch, Saint George, Marblemont, Cowboy Ranch, Pony Springs, Boquillas Ranc, Pilot Rock, Sunnyside, Tall Timber Ra, Coldfoot, Willow Creek, Rattlesnake Hi, Hanford, Humboldt, Elko Archery, Ramite, Lost Marbles, Holt Ranch, Entiat, McGill, Juniper Basin, Quincy, Mt Trumbull, MacKenzie Ranch, Green Valley, Pendleton, O'Grain Ranch, Peralta Trail, Waterville, Holland Ranch, Williams, Tucson, Winslow, Kakan, Kakan, Kakan, Bone, Canyon Day Jun, Donnelly, Tuba City, Daman, Myers Farm, Glen Canyon Da, Tonalea, Kykot, Walters Elk Ra, Marysval, Ashpeak Ranch, Wafer Farm, Fillmore, Atlanta, Kipp Ranch, Snowflake, Dugway, T-Link Ranch, Stover Farm, Playas Peak, Sheep Mountain, Leamington, Shoto, Gorkha, Gorkha, Teasdale, Hailey, Hayley, Navajo Res., Big Creek, The Old Anders, U Bar Ranch, Nutrioso, Yave Ranch, Diamond D Ranc, Petrified Fore, Malta, Ganado, Klaveano Farm, St. Johns, Newport, Black Ridge, Northport, Nine Sixteen R, Elk City, Wildhorse Cree, Fountain Green, Jones Ranch, Rough Rock, Carey, Challis, Hanksville, Springville, Cobalt, Horse Springs, Mexican Hat, Malad City, Koldana, Koldana, Mackay, Danning, Danning, Darby, Dine' College, Leadore, Hardware Ranch, Canyonlands Na, Tiksi, Tiksi, Tiksi, Robinson Place, Huson, Fish Haven, Moffitt Pass, McKenzie Canyo, Lima, Missoula, Hyderabad, Hyderabad, Clinton, Bone, Mesa Verde, Dillon, Auburn Hatcher, Greenough, Lyman, Cornudas Mount, Cornudas Mount, Indian Meadow, Coal Bank Pass, Russell Place, Albuquerque, Albuquerque, Bozeman, East Falkland, Kendall Valley, Farson, Helena, Lajitas Array, Lajitas Array, Boulder Array, Boulder Array.

Table with columns: RETA, Reutte, 147.64 332, iPKP, PKPbc, 01 29 43.2 -0.7, etc. Lists various stations and their associated data.

Table with columns: SSB, Saint Sauveur, 151.98 336, PKP, PKPbc, 01 29 53.3 -1.3, etc. Lists various stations and their associated data.

Table with columns: IBBN, Ibbenburen, 145.01 340, ePKP, PKPbc, 01 34 55.6 -1.6, etc. Lists various stations and their associated data.

NEIC 10 01:16:45.3, 36:44N-22:24E, h59km, MD3.6(ATH), After ATH.

ATH 10 01:16:45.3, 36:44N-22:24E, h59km, 13km, MD3.6/5 CSEM 10 01:16:46.2, 0.2, 36:37N-22:08E, h20km, ML3.7/3, Error

THE 10 01:16:47.4, 36:38N-22:04E, h31km, 3km, ML3.7/3, Error

ISC 10 01:16:47.1, 0.9, 36:37N-0.4, 22:05E, h30km, 7km, n65, o084/89, 2C, Southern Greece

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

Table with columns: CEL, TIR, ORI, STON, STON, NVLJ, NVLJ. Rows include Celeste, Tirane, Oriolo Calabro, Ston, Novajia.

OTT 10 01:17:26.0±0.7, 73.88N-69.64W, h18km, ML3.6/11, Baffin Bay Seismic Zone. 295km northeast from Pond Inlet, Nu, Baffin Bay

Main table for OTT 10 01:17:26.0±0.7, 73.88N-69.64W, h18km, ML3.6/11. Columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC.

IDC 10 01:17:28.7±0.7, 19.90S:168.57E, h0km, mb4.7/11, mb1.4/9.12, mb1mx4.7/19, mbtm3.4/7.12, ML4.1/11, Error ellipse: s-maj=22.9km s-min=18.4km az=134.0

LDG 10 01:17:32.1±0.2, 0.167S:168.02E, h10km, Mb4.9/2, Error ellipse: s-maj=25.7km s-min=4.2km az=113.0

ISCJB 10 01:17:32.3±0.6, 19.9S:0.1x168.5E:0.1, h33km, mb4.7/15, Error ellipse: s-maj=14.5km s-min=13.9km az=5.0

SZGRF 10 01:17:33.3, 19.60S:171.37E, h33km, Vanuatu Islands region

NEIC 10 01:17:34.0±0.4, 0.193S:168.50E, h35km, mb4.5/1, Error ellipse: s-maj=11.8km s-min=11.1km az=175.0

GCMT 10 01:17:39.2±0.3, 20.07S:168.45E, h32km, MW5.5/82, Moment Tensor Solution. s45,c55; s82,c17; Duration: 1s? Moment tensor: Sca=101Nm; Mw2:13s; Mw0:0.35; Mw0:0.70; Mw0:0.85; Best double couple: M2:0.28x1017

ISC 10 01:17:34.1±0.6, 19.94S:0.106:168.6E:0.1, h35km, n71, c096/22, mb4.7/15, 7C, Vanuatu Islands

Table for ISC 10 01:17:34.1±0.6, 19.94S:0.106:168.6E:0.1, h35km, n71, c096/22, mb4.7/15, 7C, Vanuatu Islands. Columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC.

Main table for 2008 APR. Columns: TANN, IMBX, KHC, ROTZ, GERES, UBES, GRG, BRF, FUR, WLF, GIVF, BAIF, BFO, HNF, HAU, MEZF, CABF, FLN, LDF, LOR, SRF, GRR, LPL, LPG, HYF, SMF, AVF, SGFM, ROSF, BGF, QUIF, TUCF, VIVF, MFF, RJF, CAF, LASF, LFF, TORD. Rows include Tannenbergstha, Moxa, Ibbenburen, Anoyia, Kasperke Hory, Rotzenmuhle, Gresser Array B, Unterbreizbach, Grafenberger Arr, Bochum-Univers, Furstenfeldbru, Waferdange, Givet, Baives, Black Forest, Champ du Feu, Hinteralferl, Haudempore, Maizieres J'vi, La Chapelle, La Foliniere, La Druitiere, Lormes, Saint Sauge, Rostrenen, Bois d'Angland, Quistinic, Touix Ste Croix, Saint-Julien, Saint Martin, Les Rejaudoux, Calvica, Ste Croix, La Frestale, Toril Ar, KARA.

ISC 10 01:19:01.1, 34.74N:33.78E, h30km, MD3.1

ISC 10 01:19:00.4±1.5, 34.66N:0.009:33.8E:0.1, h27km, n15, c093/15, Cyprus region

Table for ISC 10 01:19:00.4±1.5, 34.66N:0.009:33.8E:0.1, h27km, n15, c093/15, Cyprus region. Columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC.

LDG 10 01:22:16.9±0.2, 20.08S:168.58E, h10km, Mb4.7/2, Error ellipse: s-maj=22.3km s-min=3.7km az=125.0

ISCJB 10 01:22:18.1±0.9, 20.5S:0.1x168.8E:0.1, h33km, mb4.2/10, Error ellipse: s-maj=25.8km s-min=7.3km az=135.5

NOU 10 01:22:19.6±0.4, 20.21S:168.47E, h10km, MD3.0, ML4.4, 0.4/1, 2.2/20.1±1.0, 20.45S:168.91E, h39km, mb4.1/9, mb1.4/2.9, mb1mx4.1/16, mbtm3.4/1.9, Error ellipse: s-maj=33.1km s-min=18.6km az=148.0

NEIC 10 01:22:24.0±0.5, 20.83S:168.40E, h35km, mb4.4/1, Error ellipse: s-maj=26.8km s-min=11.3km az=156.0

ISC 10 01:22:20.0±0.9, 20.85S:0.116:168.8E:0.1, h35km, (h4.3km, c2km, p-P), n41, c090/19, mb4.2/10, Loyalty Islands

Table for ISC 10 01:22:20.0±0.9, 20.85S:0.116:168.8E:0.1, h35km, (h4.3km, c2km, p-P), n41, c090/19, mb4.2/10, Loyalty Islands. Columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC.

Table for 398. Columns: IDE, GERES, GIVF, BDF, HAU, MEZF, CABF, LDF, LOR, SSF, GRR, LPL, LPG, SMF, AVF, ROSF, BGF, TCF. Rows include Anoyia, Gresser Array B, Givet, Baives, Haudempore, Maizieres J'vi, La Chapelle, La Foliniere, Lormes, Saint Sauge, Rostrenen, Bois d'Angland, Quistinic, Touix Ste Croix, Saint-Julien, Saint Martin, Les Rejaudoux, Calvica, Ste Croix, La Frestale, Toril Ar, KARA.

IDC 10 01:29:50.6±4.0, 3.10S:142.67E, h0km, mb3.4/4, mb1.3/6.5, mb1mx3.5/15, mbtm3.5/5, ML3.4/1, Error ellipse: s-maj=130.8km s-min=25.9km az=99.0, Near north coast of New Guinea

Table for IDC 10 01:29:50.6±4.0, 3.10S:142.67E, h0km, mb3.4/4, mb1.3/6.5, mb1mx3.5/15, mbtm3.5/5, ML3.4/1, Error ellipse: s-maj=130.8km s-min=25.9km az=99.0, Near north coast of New Guinea. Columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC.

ISCJB 10 01:31:10.2±3.2, 20.4S:0.2:168.6E:0.2, h15km, mb2.5km, mb4.3/9, Error ellipse: s-maj=42.0km s-min=9.5km az=40.6

NOU 10 01:31:10.1±1.3, 19.94S:168.34E, h10km, MD2.9, ML3.9, IDC 10 01:31:13.9±1.5, 20.30S:168.72E, h36km, mb4.0/7, mb1.4/2.7, mb1mx4.0/15, mbtm3.4/0.7, MS4.4/1, Ms1.4/4.1, mb1mx3.4/2.4, Error ellipse: s-maj=60.9km s-min=20.2km az=150.0

NEIC 10 01:31:15.8±0.8, 20.06S:168.46E, h35km, mb4.4/3, Error ellipse: s-maj=51.7km s-min=13.1km az=160.0

ISC 10 01:31:11.5±3.2, 20.5S:0.2:168.7E:0.2, h16km, mb2.1km, h35km, mb2.8km, p-P, n37, c096/23, mb4.3/10, Loyalty Islands

Main table for 398. Columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Rows include WRA, ASAR, FITZ, MKAR, BVAR, NORM, NOU, ONTRN, AFI, CTA, CTAR, CTAO, CMSA, STKA, STKH, STKL, WRAB, WRA, WRA, ASAR, FITZ, FITZ, FITZ, MBWA, GTA, SONM, NVAR, MKAR, ARCES, IDE, GERES, GIVF, BAIF, CDF, MEZF, LDF, LOR, SSF, LPG, SMF, AVF, TCF.

IDC 10 01:33:28.1±29.0, 21.43N:143.00E, h407km, mb3.32km

mb3.2/5, mb1 3.4/5, mb1mx2/9,22, mbtmp3.2/5, Error ellipse: s-maj=71.9km s-min=41.1km az=41.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, I S C. Rows include WRA Warrungunga Arr, BVAR Borovoye Array, YKA Yellowknife Arr, etc.

IDC 10 01:41:53.6z.2.6, 19.54S:168.57E, h0km, mb4.0/5, mb1 4.2/5, mb1mx4.1/14, mbtmp4.0/5, Error ellipse: s-maj=137.3km s-min=28.9km az=156.0

ISZCJB 10 01:41:55.3z.1.4, 20.4S:0.2:168.8E:0.3, h33km, mb3.9/5, Error ellipse: s-maj=49.0km s-min=9.6km az=135.1

NEIC 10 01:41:57.4z.1.1, 20.63S:168.87E, h35km, Error ellipse: s-maj=67.6km s-min=15.2km az=150.0

ISC 10 01:41:56.8z.5.0, 20.5S:0.3:168.9E:0.3, h34km, mb3.8m, n16, c0871/10, mb3.9/5, Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, I S C. Rows include DZM Mont Dzumac, WRA Warrungunga Arr, ASAR Alice Springs, etc.

IDC 10 01:56:07.9z.1.1, 12.88N:125.32E, h0km, mb3.7/5, mb1 3.8/5, mb1mx3.6/19, mbtmp3.7/5, ML4.8/1, Error ellipse: s-maj=61.6km s-min=18.2km az=64.0

NEIC 10 01:56:13.0z.0.7, 12.88N:125.29E, h35km, mb3.8/1, Error ellipse: s-maj=27.9km s-min=10.8km az=58.0

ISZCJB 10 01:56:15.3z.1.1, 12.83N:0.08:125.1E:0.1, h71km, gkm, mb3.7/5, Error ellipse: s-maj=22.1km s-min=6.9km az=144.9

MAN 10 01:56:17.12:64N:124.93E, h21km, mb4.6, ML3.4, MS3.4

ISC 10 01:56:16.3z.1.3, 12.84N:0.09:125.2E:0.1, h62km, 11km, n23, c110/26, mb3.7/6, 1D, Samar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, I S C. Rows include CNP Catarman, PVCP Virac, BESP Borongan, etc.

MAN 10 01:59:26, 12:28N:123.82E, h15km, mb4.1, ML2.9, MS2.6, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, I S C. Rows include CNP Catarman, PVCP Virac, BESP Borongan, etc.

ISZCJB 10 02:33:02.7z.0.6, 40.14N:0.03:34.40E:0.03, h8km, 6km, Error ellipse: s-maj=5.0km s-min=4.2km az=19.6

CSEM 10 02:33:02.9z.0.2, 40.42N:34.41E, h10km, MD2.9, Error ellipse: s-maj=3.8km s-min=3.7km az=141.0

DDA 10 02:33:02.5, 40.39N:34.44E, h7km, 3km, MD2.9

ISC 10 02:33:02.5, 40.45N:34.45E, h12km, MD2.9

ISC 10 02:33:02.0z.5, 40.42N:0.03:34.40E:0.03, h11km, 4km, n31, c093/46, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, I S C. Rows include CTKT Corum, CANT Cankiri, TOS Tosya, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, I S C. Rows include BBAL Bala, BBAL Bala, BBAL Bala, etc.

IDC 10 02:47:27.6z.3.8, 12.64N:143.47E, h0km, mb3.9/3, mb1 4.2/3, mb1mx3.6/20, mbtmp3.9/3, Error ellipse: s-maj=149.2km s-min=32.7km az=158.0

NEIC 10 02:47:29.7z.3.5, 12.86N:143.36E, h10km, Error ellipse: s-maj=111.0km s-min=20.6km az=177.0

ISC 10 02:47:33.8z.2.6, 12.9N:0.5:143.4E:0.1, h35km, n7, c0564/9, mb4.1/4, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, I S C. Rows include GUMO Guam, GUMO Guam, GUMO Guam, etc.

IDC 10 02:48:10.9z.82.0, 19.71S:169.28E, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.9/13, mbtmp4.0/3, Error ellipse: s-maj=1388.0km s-min=130.4km az=75.0

NOU 10 02:48:16.3z.0.9, 19.97S:168.62E, h10km, MD2.8, ML3.6

ISC 10 02:48:20.2z.2.4, 20.5S:0.4:168.9E:0.4, h35km, n6, c096/9, mb3.8/3, Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, I S C. Rows include DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, etc.

IDC 10 02:49:54.7z.1.4, 12.62N:92.24E, h0km, mb3.6/6, mb1 3.7/6, mb1mx3.5/22, mbtmp3.6/6, Error ellipse: s-maj=54.1km s-min=22.3km az=63.0, Andaman Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, I S C. Rows include MKAR Makanchi Array, SONM Songoing Array, ZALV Zalesovo Beam, etc.

IDC 10 02:52:39.2z.0.8, 12.40N:124.04E, h0km, mb3.9/1, mb1 4.0/7, mb1mx3.8/19, mbtmp3.9/7, MS3.4/1, Ms 1.3/4/1, ms1mx2.9/35, Error ellipse: s-maj=59.4km s-min=16.5km az=71.0

ISZCJB 10 02:52:41.9z.0.7, 12.36N:0.08:123.87E:0.07, h33km, mb3.9/7, Error ellipse: s-maj=11.4km s-min=10.5km

ISC 10 02:52:44.3z.0.6, 12.43N:0.08:123.98E:0.06, h35km, n20, c125/19, mb3.9/7, 1C, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, I S C. Rows include CNP Catarman, PVCP Virac, PVCP Virac, etc.

IDC 10 02:53:39.2z.0.8, 12.40N:124.04E, h0km, mb3.9/1, mb1 4.0/7, mb1mx3.8/19, mbtmp3.9/7, MS3.4/1, Ms 1.3/4/1, ms1mx2.9/35, Error ellipse: s-maj=59.4km s-min=16.5km az=71.0

ISZCJB 10 02:52:41.9z.0.7, 12.36N:0.08:123.87E:0.07, h33km, mb3.9/7, Error ellipse: s-maj=11.4km s-min=10.5km

ISC 10 02:52:44.3z.0.6, 12.43N:0.08:123.98E:0.06, h35km, n20, c125/19, mb3.9/7, 1C, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, I S C. Rows include CNP Catarman, PVCP Virac, PVCP Virac, etc.

IDC 10 02:53:59.7z.1.1, 19.85S:168.37E, h0km, mb4.4/6, mb1 4.5/7, mb1mx4.3/14, mbtmp4.3/7, ML3.7/1, MS3.9/5, Ms 1.3/8/5, ms1mx3.4/22, Error ellipse: s-maj=33.5km s-min=24.2km az=143.0

NOU 10 02:54:00.7z.1.4, 19.96S:168.63E, h10km, MD3.1, ML4.6

ISZCJB 10 02:54:02.0z.4.0, 20.0S:0.1:168.4E:0.1, h26km, 29km, mb4.3/8, MS3.7/4, Error ellipse: s-maj=22.7km s-min=11.5km az=39.6

LDG 10 02:54:02.0z.0.3, 19.62S:168.00E, h10km, Mb4.5/2, Error ellipse: s-maj=5.1km s-min=5.1km az=111.0

NEIC 10 02:54:08.0z.0.5, 20.29S:168.00E, h35km, mb4.6/2, Error ellipse: s-maj=19.2km s-min=13.6km az=135.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, I S C. Rows include CNP Catarman, PVCP Virac, PVCP Virac, etc.

IDC 10 02:53:59.7z.1.1, 19.85S:168.37E, h0km, mb4.4/6, mb1 4.5/7, mb1mx4.3/14, mbtmp4.3/7, ML3.7/1, MS3.9/5, Ms 1.3/8/5, ms1mx3.4/22, Error ellipse: s-maj=33.5km s-min=24.2km az=143.0

NOU 10 02:54:00.7z.1.4, 19.96S:168.63E, h10km, MD3.1, ML4.6

ISZCJB 10 02:54:02.0z.4.0, 20.0S:0.1:168.4E:0.1, h26km, 29km, mb4.3/8, MS3.7/4, Error ellipse: s-maj=22.7km s-min=11.5km az=39.6

LDG 10 02:54:02.0z.0.3, 19.62S:168.00E, h10km, Mb4.5/2, Error ellipse: s-maj=5.1km s-min=5.1km az=111.0

NEIC 10 02:54:08.0z.0.5, 20.29S:168.00E, h35km, mb4.6/2, Error ellipse: s-maj=19.2km s-min=13.6km az=135.0

ellipse: s-maj=19.2km s-min=13.6km az=135.0

ISC 10 02:54:02.2z.3.9, 20.00S:0.09:168.4E:0.1, h16km, 25km, n39, c073/16, mb4.3/8, MS3.7/4, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, I S C. Rows include DZM Mont Dzumac, DZM Mont Dzumac, NOUC Noumea, etc.

IDC 10 02:54:02.2z.3.9, 20.00S:0.09:168.4E:0.1, h16km, 25km, n39, c073/16, mb4.3/8, MS3.7/4, Vanuatu Islands

ISC 10 02:54:02.2z.3.9, 20.00S:0.09:168.4E:0.1, h16km, 25km, n39, c073/16, mb4.3/8, MS3.7/4, Vanuatu Islands

ISC 10 02:54:02.2z.3.9, 20.00S:0.09:168.4E:0.1, h16km, 25km, n39, c073/16, mb4.3/8, MS3.7/4, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, I S C. Rows include DZM Mont Dzumac, WRA Warrungunga Arr, WRA Warrungunga Arr, etc.

IDC 10 02:54:02.2z.3.9, 20.00S:0.09:168.4E:0.1, h16km, 25km, n39, c073/16, mb4.3/8, MS3.7/4, Vanuatu Islands

ISC 10 02:54:02.2z.3.9, 20.00S:0.09:168.4E:0.1, h16km, 25km, n39, c073/16, mb4.3/8, MS3.7/4, Vanuatu Islands

ISC 10 02:54:02.2z.3.9, 20.00S:0.09:168.4E:0.1, h16km, 25km, n39, c073/16, mb4.3/8, MS3.7/4, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, I S C. Rows include GRR Gorron, LPL La Plagne, LPL La Plagne, etc.

ISC 10 02:59:49.1, 36.91N:29.28E, h5km, MD2.8

ISZCJB 10 02:59:50.6z.0.6, 36.92N:0.03:29.28E:0.04, h10km, Error ellipse: s-maj=5.4km s-min=4.0km az=44.5

CSEM 10 02:59:50.5z.0.2, 36.92N:29.29E, h8km, MD2.8, Error ellipse: s-maj=7.7km s-min=2.8km az=142.0

DDA 10 02:59:50.9z.0.5, 36.96N:29.20E, h7km, 3km, MD2.8

ISC 10 02:59:50.9z.0.5, 36.95N:0.03:29.24E:0.05, h5km, 7km, n24, c094/36, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, I S C. Rows include GLHS Gihisar (BURDU), GLHS Gihisar (BURDU), FETHY Fethiyeh, etc.

ISZCJB 10 03:06:34.9z.1.0, 37.14N:0.04:22.73E:0.07, h79km, 11km, Error ellipse: s-maj=9.0km s-min=6.3km az=5.6

ATH 10 03:06:34.9z.37.13N:22.78E, h74km, 6km

THE 10 03:06:35.3z.37.14N:22.74E, h76km, 2km, ML2.8/3, Error ellipse: s-maj=2.8km s-min=0.9km az=285.0

CSEM 10 03:06:35.4z.0.1, 37.13N:22.73E, h74km, 1km, ML2.8/3, Error ellipse: s-maj=2.4km s-min=1.7km az=89.0

ISC 10 03:06:35.4z.1.37.14N:0.04:22.74E:0.07, h77km, 12km, n25, c025/41, Southern Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, I S C. Rows include VLX Vlachokerasia, VLX Vlachokerasia, VLL Vellia, etc.

Table with columns: CTA, Charters Tower, Time, Az, El, P, S, Az, El, P, S. Includes stations like Alice Springs, Fort Forrest, Fitzroy Crossi, etc.

TRN 10 05:52:36.2, 18.92N, 64.68W, h20km
NEIC 10 05:52:38.2, 18.97N, 64.53W, h44km, MD3.6(RSPR), After RSPR.
RSPR 10 05:52:38.2, 18.97N, 64.53W, h44km, MD3.5/11, MD3.5/11

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

ISCJB 10 05:59:28.8, 0.6, 39.77N, 0.03, 30.57E, 0.04, h1km, 6km, Error ellipse: s-maj=6.3km s-min=3.9km az=151.0
DDA 10 05:59:28.9, 39.78N, 30.59E, h7km, 2km, MD2.8
ISK 10 05:59:28.1, 39.78N, 30.59E, h2km, MD3.0
CSEM 10 05:59:29.1, 39.78N, 30.59E, h5km, MD3.0, Error ellipse: s-maj=2.6km s-min=2.0km az=65.0

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

Table with columns: ESKT, Eskisehir, 0.33 139, i/Pg, Pg, 05 59 35.5, -0.1, etc. Includes stations like GOLA, GOLA, GOLA, etc.

ISC 10 06:16:02.7, 3.5, 30.03S, 138.31E, h0km, mb1 3.0/3, s-maj=135.0km s-min=17.1km az=46.0, South Australia

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

ISC 10 06:17:36.3, 0.8, 9.15S, 107.82E, h0km, mb4 4/10, mb1 4.4/11, mb1mx3.4/21, mb2mx3.1/21, mb4.0/1, Error ellipse: s-maj=37.0km s-min=14.3km az=56.0
NEIC 10 06:17:37.0, 0.3, 9.25S, 107.75E, h10km, mb4 8/10, Error ellipse: s-maj=10.0km s-min=5.4km az=46.0
ISCJB 10 06:17:40.0, 0.9, 9.28S, 106.107.81E, 0.05, h42km, 7km, mb4.5/22, Error ellipse: s-maj=10.6km s-min=6.4km az=35.3

DJA 10 06:17:41.9, 9.34S, 107.69E, h64km, MLV4.3/7
ISC 10 06:17:41.4, 1.0, 9.28S, 106.07, 18.2E, 0.05, h36km, 8km, n51, 0.082/49, mb4.5/22, 3D, South of Jawa

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

TRN 10 05:52:36.2, 18.92N, 64.68W, h20km
NEIC 10 05:52:38.2, 18.97N, 64.53W, h44km, MD3.6(RSPR), After RSPR.
RSPR 10 05:52:38.2, 18.97N, 64.53W, h44km, MD3.5/11, MD3.5/11

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

Table with columns: KURK, Kurchatov, 64.90 340, P, P, 06 28 16.4, -0.5, etc. Includes stations like MAW, MAW, MAW, etc.

ISCJB 10 06:19:58.8, 0.6, 76.98N, 0.02, 18.6E, 0.1, h5km, 4km, mb4.3/63, MS3.6/12, Error ellipse: s-maj=5.6km s-min=2.6km az=149.9

BUI 10 06:19:58.6, 7.7, 70.0N, 18.70E, h10km, mb5.1/13, mb4.8/18, Mb4.6/7, Mb5.7/3

MOS 10 06:19:59.6, 1.5, 76.92N, 18.75E, h10km, mb4.6/14, Error ellipse: s-maj=35.2km s-min=4.9km az=93.8

IDC 10 06:20:00.1, 0.4, 77.02N, 18.59E, h0km, mb4.0/23, mb1 4.1/26, mb1mx4.1/31, mb2mx4.0/26, ML4.0/3, MS3.3/6, Ms1 3.3/6, ms1mx3.0/38, Error ellipse: s-maj=14.0km s-min=6.7km az=64.0

NAO 10 06:20:01.9, 2.3, 77.11N, 19.46E, h24km, 33km, ML4.3
NEIC 10 06:20:01.6, 0.2, 77.04N, 18.75E, h10km, mb4.4/24, Error ellipse: s-maj=6.3km s-min=3.3km az=66.0

CSEM 10 06:20:01.0, 0.1, 77.02N, 18.69E, h10km, mb4.4/21, ML4.3, Error ellipse: s-maj=5.7km s-min=3.1km az=62.0
BER 10 06:20:04.3, 3.7, 77.11N, 19.53E, h22km, 18km, MD3.2, ML4.3, ML4.0 (NAO)

ISC 10 06:20:00.9, 0.6, 77.00N, 0.02, 18.7E, 0.1, h4km, 4km, h15km, 2km, pp-P, n292, 0.086/317, mb4.3/63, MS3.6/12, 50C-38D, Svalbard region

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

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like NB2 NORFAR Subarra, NOA NORFAR Array B, HFS Hagfors, etc.

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like BOD Badaibo, COLD Coldfoot, SCHO Schefferville, etc.

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like B08A Colville Reser, SWMT Swartz Lake, SWMT Swartz Lake, etc.

Table with columns: ID, Name, Time, Az, El, P, Res. Includes entries like 011A Cowboy Ranch, P14A Drum Mountains, SRU San Rafael, etc.

NAO 10 06:30:32.8-1.0, 76.98N-19.50E, ML2.8
CSEM 10 06:30:33.0-4.7, 70.02N-19.27E, h15km, ML2.8, Error ellipse: s-maj=27.4km s-min=5.2km az=68.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes entries like SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, etc.

ISCJB 10 06:33:43.4, 3.6, 20.4S; 0.2-168.4E; 0.2, h8km, 19km, mb4.1/7, MS3.6/5, Error ellipse: s-maj=35.9km

IDC 10 06:33:43.1, 2.1, 20.33S; 168.53E, h0km, mb4.1/6, mb1.4/3.6, mb1mx4.1/1.3, mbtmpr4.1/6, MS3.7/6, Ms1.3/7.6, ms1mx3.4/2.3, Error ellipse: s-maj=77.9km s-min=25.8km az=143.0

NEIC 10 06:33:46.9, 1.4, 20.62S; 168.95E, h35km, mb4.3/2, Error ellipse: s-maj=55.5km s-min=17.6km az=151.0

ISC 10 06:33:44.0, 4.3, 20.5S; 0.2-168.5E; 0.2, h5km, 23km, n23, c0877/15, mb4.1/7, MS3.6/5, Loyalty Islands region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes entries like DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, etc.

Table with columns: ID, Name, Time, Az, El, P, Res. Includes entries like TAOE 143nm, 29.9s, ASAJ Asahikawa, PETK Petrozavlovsk, etc.

CSEM 10 06:40:15.9, 0.2, 41.81N; 22.88E, h20km, ML2.5, Error ellipse: s-maj=5.6km s-min=4.1km az=89.0

ISCJB 10 06:40:16.1, 0.4, 41.82N; 0.02-22.85E; 0.03, h6km, 11km, Error ellipse: s-maj=4.1km s-min=3.8km az=18.1

SKO 10 06:40:17.8, 41.80N; 22.88E, h0km, M1.9, ML2.5

BEO 10 06:40:18.4, 41.31N; 22.83E, h0km, M1.8/2

SOF 10 06:40:19.1, 41.92N; 23.19E, h2km, MD3.0

ISC 10 06:40:16.6, 0.5, 41.80N; 0.02-22.88E; 0.03, h12km, 7km, n40, c082/56, 3, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes entries like KKB Krupnik, KKB Krupnik, KKB Krupnik, etc.

IDC 10 06:57:37.1, 1.0, 20.19S; 169.08E, h0km, mb4.4/7, mb1.4/6.8, mb1mx4.3/1.6, mbtmpr4.4/6, ML3.8/1, MS3.8/3, Mb1.3/8.3, ms1mx3.3/2.2, Error ellipse: s-maj=36.5km s-min=22.2km az=157.0

LDG 10 06:57:40.4, 0.2, 20.5S; 168.60E, h10km, Mb4.7/1, Error ellipse: s-maj=19.4km s-min=3.2km az=124.0

ISCJB 10 06:57:42.0, 9.0, 20.5S; 0.1-168.8E; 0.1, h33km, mb4.3/8, MS3.7/2, Error ellipse: s-maj=18.5km s-min=10.2km az=141.9

NEIC 10 06:57:42.0, 4.0, 20.30S; 169.04E, h35km, mb4.3/2, Error ellipse: s-maj=21.0km s-min=15.1km az=149.0

SZGRF 10 06:57:44.0, 19.65S; 171.26E, h33km, Vanuatu Islands region

ISC 10 06:57:44.8, 1.0, 20.5S; 0.1-168.8E; 0.1, h35km, n61, c118/20, mb4.3/8, MS3.7/2, Loyalty Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes entries like DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, etc.

Table with columns: ID, Name, Time, Az, El, P, Res. Includes entries like YKA Yellowknife Ar, ARCES ARCES Array B, ARCES ARCES Array B, etc.

UBBA Unterbreizbach 144.54 336 ePKPbc PKPbc 07 17 12.2 -1.7

WET Wetzell 145.55 332 ePKPbc PKPbc 07 17 18.0 -1.3

GRF Grafenberg Arr 145.84 334 ePKPbc PKPbc 07 17 18.0 -2.2

BUG Bochum-Üniver 145.90 339 ePKPbc PKPbc 07 17 18.4 -1.9

TNS Taunus Mts 146.50 337 ePKPbc PKPbc 07 17 20.4 -1.8

WLF Walfangerde 147.78 339 ePKPbc PKPbc 07 17 24.6 -1.2

GIVF Givet 147.84 341 ePKP1 PKPbc 07 17 23.8 -2.1

BAIF Baives 148.07 341 ePKP1 PKPbc 07 17 24.5 -2.0

BFO Black Forest 148.09 335 ePKPbc PKPbc 07 17 27.5 +0.9

BFC Black Forest 148.09 335 ePKPbc PKPbc 07 17 27.5 +0.9

CDF Champ du Feu 148.43 336 ePKP1 PKPbc 07 17 25.2 -2.3

HAU Haudompre 149.12 337 ePKP1 PKPbc 07 17 26.9 -2.4

CABF Chapelle 150.37 336 ePKP1 PKPbc 07 17 30.3 -2.1

FLN La Folinière 150.52 346 ePKP1 PKPbc 07 17 30.0 -2.7

LDF La Druitière 150.59 345 ePKP1 PKPbc 07 17 30.7 -2.2

LOR Lormes 150.63 339 ePKP1 PKPbc 07 17 31.7 -1.3

SSF Saint-Saulge 150.92 339 ePKP1 PKPbc 07 17 32.4 -1.3

GRR Gorrion 150.96 346 ePKP1 PKPbc 07 17 31.9 -1.8

LPL La Plagne 151.01 333 ePKP1 PKPbc 07 17 32.2 -1.7

LPG La Plagne 151.01 333 ePKP1 PKPbc 07 17 32.2 -1.8

SMF Signal de Mont 151.17 338 ePKP1 PKPbc 07 17 32.0 -2.3

AVF Avril sur Loire 151.21 339 ePKP1 PKPbc 07 17 32.4 -2.0

ROSF Restrenen 151.50 349 ePKP1 PKPbc 07 17 32.7 -2.3

TCF Tignes Croi 152.03 340 ePKP1 PKPbc 07 17 34.7 -1.6

MFF Saint Martin d 152.44 343 ePKP1 PKPbc 07 17 35.2 -2.0

LFF La Freestale 153.70 341 ePKP1 PKPbc 07 17 38.5 -1.5

MAN 10 07:05:36.7, 70N; 124.91E, h0km, mb5.1, ML4.1, MS4.2

MAN INTENSITY III - PRES ROXAN N. COBATATO, INTENSITY II - CAGAYAN DE ORO, MALAYALAYA, ISCJB 10 07:05:37.4, 0.7, 7.60N; 0.03-125.00E; 0.03, h14km, 5km, mb4.5/34, MS3.7/3, Error ellipse: s-maj=5.6km s-min=4.5km az=154.0

BUI 10 07:05:40.9, 7.60N; 125.30E, h42km, mb5.0/7, mb4.6/11, IDC 10 07:05:41.0, 1.6, 7.63N; 125.09E, h35km, 14km, mb4.1/15, mb1.4/1.5, mb1mx4.0/2.5, mbtmpr4.0/1.5, MS3.9/4, Ms1.3/9.4, ms1mx3.3/2.8, Error ellipse: s-maj=25.8km s-min=12.3km az=67.0

NEIC 10 07:05:42.0, 1.3, 7.62N; 125.29E, h42km, 13km, mb4.7/18, Error ellipse: s-maj=14.1km s-min=6.1km az=54.0

NEIC Fell (III PVS) at President Roxas; (III PVS) at Cagayan de Oro, Kabacan, Magpet, Malaybalay and Pikit; (I PVS) at Carmen and Cotabato.

DJA 10 07:05:42.7, 45N; 126.01E, h24km, mb4.7/8, ISC 10 07:05:37.3, 0.7, 7.59N; 0.03-124.98E; 0.03, h2km, 4km, n82, c149/88, mb4.5/34, MS3.7/3, 3C-7D, Mindanao

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes entries like BUKP Musuan, BUKP Musuan, DMPH Davao City-Mi, DMPH Davao City (W), DAV Davao City (W), etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like RAMN Ramite, JIRN Jiri, STKA Stephens Creek, etc.

ISCJB 10:07:13.40.6:1.2, 39.85N:0.04:25.60E:0.08, h10km, Error ellipse: s-maj=9.3km s-min=5.5km az=176.0

CSEM 10:07:13.40.0:0.6, 39.82N:25.58E, h2km, MD2.7, Error ellipse: s-maj=11.9km s-min=5.6km az=84.0

DDA 10:07:13.40.2, 39.81N:25.64E, h7km, 5km, Md2.9

ISC 10:07:13.41.1, 39.83N:25.72E, h15km, MD2.7

ISC 10:07:13.40.0:1.6, 39.83N:0.04:25.55E:0.10, h2km, 7km,

Code Station Name Az Op Phase ID Time Res ISC. Includes stations like BOZC Bozcaada, GADA Gvigeada, etc.

ISCJB 10:07:17.8.0:0.1, 39.38N:0.02:74.93E:0.02, h10km, mb4.8/145, MS4.4/59, Error ellipse: s-maj=3.2km

IDC 10:07:17.8.0:0.5, 39.43N:74.91E, h0km, mb4.7/22, mb1.4, 8/27, mb1mx4.8/29, mbtmp4.7/27, ML4.3/5, MS4.3/23, Ms1.4, 3/23, ms1mx1.1/30, Error ellipse: s-maj=11.7km

NNC 10:07:17.9.0:2.5, 39.40N:74.72E, h0km, mb5.5, mpv5.2, Error ellipse: s-maj=20.6km s-min=12.3km az=172.0

NEIC 10:07:17.9.0:0.2, 39.35N:74.96E, h10km, mb4.9/69, Error ellipse: s-maj=5.0km s-min=3.7km az=215.0

GCMT 10:07:17.9.0:0.3, 39.48N:75.05E, h13km, MW5.0/89, Moment Tensor Solution. s36,c50; s89,c151; Duration: 0

MOS 10:07:17.22.7:1.0, 39.57N:74.89E, h33km, mb5.0/55, MS4.3/27, Error ellipse: s-maj=6.7km s-min=4.0km

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like KASH Kashi, KSH, etc.

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

SMLA Simla 8.46 167 i P Pn 07 19 24.0 +0.9

SMLA Simla 8.46 167 i P Pn 07 19 24.0 +0.9

SMLA Simla 8.46 167 i P Pn 07 19 24.0 +0.9

SMLA Simla 8.46 167 i P Pn 07 19 24.0 +0.9

SMLA Simla 8.46 167 i P Pn 07 19 24.0 +0.9

SMLA Simla 8.46 167 i P Pn 07 19 24.0 +0.9

SMLA Simla 8.46 167 i P Pn 07 19 24.0 +0.9

SMLA Simla 8.46 167 i P Pn 07 19 24.0 +0.9

SMLA Simla 8.46 167 i P Pn 07 19 24.0 +0.9

SMLA Simla 8.46 167 i P Pn 07 19 24.0 +0.9

SMLA Simla 8.46 167 i P Pn 07 19 24.0 +0.9

SMLA Simla 8.46 167 i P Pn 07 19 24.0 +0.9

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like KASH Kashi, KSH, etc.

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

PKI Pulchoki 14.68 140 eP Pn 07 20 45.8 -2.4

PKI Pulchoki 14.68 140 eP Pn 07 20 45.8 -2.4

PKI Pulchoki 14.68 140 eP Pn 07 20 45.8 -2.4

PKI Pulchoki 14.68 140 eP Pn 07 20 45.8 -2.4

PKI Pulchoki 14.68 140 eP Pn 07 20 45.8 -2.4

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PKI Pulchoki 14.68 140 eP Pn 07 20 45.8 -2.4

PKI Pulchoki 14.68 140 eP Pn 07 20 45.8 -2.4

PKI Pulchoki 14.68 140 eP Pn 07 20 45.8 -2.4

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like KASH Kashi, KSH, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like GUN, KKN, DMN, JIRN, KOLN, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like FINES, VOIR, KWP, DRGR, etc.

Table with columns: Code, Station Name, Frequency, Mode, and other parameters. Includes stations like CPUP, LPZ, LPZ, etc.

NEIC 10 08:04:30.0:0.2,43.99N:128.59W,h10km,mb5.1/114, Error ellipse: s-maj=5.1km s-min=2.7km az=217.0 GCMT 10 08:04:30.0:0.1,43.83N:128.73W,h12km,MW5.3/103, Moment Tensor Solution. s72,c118; s103,c199; Duration: 1#1 Moment tensor: Scale 10^17Nm; M=0.97±0.02; Mbb=0.10±0.02; Mbb1.08±0.01; Mro1.2±0.04; Mro2.0±0.01; Mro3.0±0.01±0.04; Best double couple; Mo1.05200x10^17 Np1.1±0.00000; s45.00000; λ-101.00000; NP2=197.00000; s46.00000; λ-79.00000; Principal axes: T 1.1130, P190.0000, Azm279.0000; N 0.1170, P169.0000; Azm9.0000; P -0.0910, P162.0000; Azm187.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 10 08:04:30.8:0.2,44.05N:0.01:128.59W:0.02,h10km, (h15km,1.2km;pP-P),n836,c0#93/827,mb4.9/158, MS4.5/55,194C-223D,Off coast of Oregon

Table with columns: Code, Station Name, Az, Az2, Op, ISC, Time, Res, ISC. Lists various seismic stations and their characteristics.

Table with columns: E10A, A09A, I10A, D10A, H10A, J10A, K10A, CMB, C10A, WAKR, G11A, B10A, NEW, F11A, H11A, E11A, A10A, A10A, L10A, D11A, I11A, BMN, M10A, K11A, MFID, E12A, B11A, N10A, NVAR, L11A, F12A, I12A, O10A, A11A, D12A, M11A, MLAC, C12B, H12A, B12A, N11A, P10A, K12A, L12A, MTUM, A12A, HLID, HLID, F13A, H13A, G13A, BSMT, D13A, O11A, M12A, ELK, C13A, I13A, E13A, J13A, N12A, N12A, RCTC, TIN, Q10A, P11A, JTMT, K13A, B13A, SWMT, YBMT, G14A, L13A, R10A, E14A, I14A, H14A, A13A, S10A, F14A, J14A, SMMC, O12A, VES, C14A, D14A, Q11A, SLMT, CWC, GRAC, N13A. Lists seismic stations with various codes and parameters.

Table with columns: N13A, CHMT, P12A, WALA, MCMT, R11A, K14A, L14A, ISA, ISA, H15A, Q12A, DLMT, M14A, E15A, G15A, O13A, A14A, F15A, LRM, I15A, S11A, MPMC, ARVC, D15A, J15A, FURC, C15A, K15A, P13A, N14A, B15A, BGU, LRMC, R12A, A15A, G16A, L15A, Q13A, U10A, HRY, OSI, OSI, M15A, BOZ, BOZ, F16A, E16A, T11A, S12A, EDW, N15A, QLMT, C16A, D16A, J16A, DUG, DUG, I16A, P14A, K16A, H16A, SHOC, B16A, R13A, RRI, Q14A, O15A, DCID, GSC, GSC, DECC, U11A, YMR, SHPR, L16A, IMW, E17A, HWUT, YFT, MWC, MWC, MWC, TPWA, G17A, RRR, F17A, YNR, T12A, REDW, S13A, SNOW. Lists seismic stations with various codes and parameters.

D17A	Six Diamond Ra	12.91	70	↑P	Pn	08 07 34.8 +0.5
K17A	Gardner Place,	12.92	90	↑P	Pn	08 07 34.7 +0.4
H17A	Grant Village	12.93	82	↑P	Pn	08 07 35.6 +1.1
C17A	Wharram Farm,	12.93	68	↓P	Pn	08 07 34.0 -0.5
BFSC	Mount Baldy St	12.94	135	↑P	Pn	08 07 35.5 +0.8
J17A	Brown Place, J	12.96	87	↓P	Pn	08 07 35.9 +1.0
P15A	Leamington	12.96	105	↑P	Pn	08 07 35.0 0.0
I17A	Pilgrim Ck.	12.97	84	↑P	Pn	08 07 37.0 +1.8
TUQ	Turquoise Moun	12.98	127	↑P	Pn	08 07 35.7 +0.4
V11A	Goodsprings	12.99	125	↓P	Pn	08 07 35.9 +0.5
B17A	L&G Farms, Che	13.04	65	↑P	Pn	08 07 36.0 0.0
ARUT	Antelope Range	13.04	113	eP	Pn	08 07 36.6 +0.5
ARUT	Antelope Range	13.04	113	eP	Pn	08 07 36.6 +0.5
LKWY	Lake James Farms,	13.04	81	eP	Pn	08 07 38.8 +2.8
R14A	James Farms, M	13.05	111	↑P	Pn	08 07 36.3 +0.1
N16A	Rees Ranch, Co	13.05	98	↓P	Pn	08 07 36.3 +0.2
L17A	Cokeville	13.10	92	↓P	Pn	08 07 37.3 +0.5
JLU	Jordanelle	13.14	99	eP	Pn	08 07 37.8 +0.4
U12A	Valley of Fire	13.14	121	↑P	Pn	08 07 37.4 -0.1
Q15A	Fillmore	13.14	107	↓P	Pn	08 07 37.4 -0.1
T13A	Saint George	13.18	117	↓P	Pn	08 07 38.4 +0.5
HEC	Hector, Ludlow	13.19	130	↓P	Pn	08 07 38.0 -0.2
CCUT	Cedar City	13.22	114	eP	Pn	08 07 40.6 +2.1
MPU	Maple Canyon	13.23	102	eP	Pn	08 07 38.5 -0.1
S14A	Cedar City	13.24	113	↑P	Pn	08 07 39.2 +0.4
O16A	Springville	13.25	101	↑P	Pn	08 07 39.0 +0.2
A17A	Triple J Farms	13.25	62	↑P	Pn	08 07 39.3 +0.4
CIS	Catalina Island	13.25	140	↓P	Pn	08 07 38.7 -0.3
BBRC	Big Bear Sol-O	13.30	133	↓P	Pn	08 07 39.6 -0.1
P16A	Fountain Green	13.38	104	↓P	Pn	08 07 39.9 -0.8
E18A	Harlowton	13.38	73	↓P	Pn	08 07 40.8 +0.1
V12A	Nelson	13.42	124	↑P	Pn	08 07 41.2 0.0
M17A	Scully's Gap (B	13.42	95	↓P	Pn	08 07 41.2 0.0
N17A	Moffitt Pass	13.46	97	↑P	Pn	08 07 41.7 -0.2
J18A	Kendall Valley	13.48	87	↓P	Pn	08 07 41.8 -0.3
F18A	Pik Timber	13.49	75	↑P	Pn	08 07 41.9 -0.2
U13A	Bagtown Wash	13.51	119	↓P	Pn	08 07 42.4 -0.1
MSU	Marysvale	13.52	109	eP	Pn	08 07 42.5 0.0
D18A	Linhart Farms,	13.52	70	↓P	Pn	08 07 42.1 -0.4
GCMT	Greycliff	13.52	76	eP	Pn	08 07 43.1 +0.5
SCI	San Clemente I	13.54	141	↓P	Pn	08 07 43.6 +0.7
I18A	Diamond G Ranc	13.55	85	↑P	Pn	08 07 43.2 +0.2
K18A	Toltan Ranch,	13.57	90	↓P	Pn	08 07 43.2 -0.1
R15A	Junction	13.60	110	↓P	Pn	08 07 43.7 +0.1
G18A	Lazy EL Ranch,	13.60	78	↓P	Pn	08 07 43.2 -0.5
GMRC	Granite Mounta	13.60	128	↓P	Pn	08 07 43.5 -0.2
EDM	Edmonton	13.61	42	eP	Pn	08 07 45.9 +2.2
EGMT	Eggleton	13.67	66	↑P	Pn	08 07 44.4 -0.2
EGMT	Eggleton	13.67	66	eP	Pn	08 07 45.0 +0.4
MURC	Murrieta	13.68	136	↓P	Pn	08 07 44.6 -0.3
T14A	Hurricane	13.68	115	↑P	Pn	08 07 44.2 -0.6
W12A	Cal Nev Ari	13.69	125	↓P	Pn	08 07 45.3 +0.3
LDFC	Landfair	13.71	126	eP	Pn	08 07 51.0 +5.8
B18A	Beardsley Farm	13.72	65	↓P	Pn	08 07 46.3 +0.9
L18A	Fontenelle, Gr	13.75	92	↓P	Pn	08 07 45.2 -0.5
O17A	Robinson Place	13.79	100	↓P	Pn	08 07 47.1 +0.8
RLMT	Red Lodge	13.81	79	↑P	Pn	08 07 47.3 +0.8
RLMT	Red Lodge	13.81	79	eP	Pn	08 07 46.5 -0.1
S15A	Panguitch	13.82	112	↓P	Pn	08 07 46.6 -0.1
TMUT	Trail Mountain	13.82	104	eP	Pn	08 07 47.3 +0.5
V13A	Grand Canyon W	13.86	121	eP	Pn	08 07 48.0 +0.7
M18A	Lyman	13.86	94	↓P	Pn	08 07 47.9 +0.6
BW06	Boulder Array	13.89	89	↑P	Pn	08 07 47.4 -0.3
PDAR	Pinedale Array	13.89	89	Pn	Pn	08 07 49.7 +2.0
PDAR	Pinedale Array	13.89	89	Pn	Pn	08 13 18.4
BELC	Belle Mtn.	13.99	132	↑P	Pn	08 07 48.9 -0.3
U14A	Mt Trumbull	14.00	118	↓P	Pn	08 07 49.4 +0.2
Q16A	Castle Valley	14.02	105	↓P	Pn	08 07 49.3 -0.1
PFO	Pinyon Flat Ob	14.05	134	↓P	Pn	08 07 50.6 +0.7
PFO	Pinyon Flat Ob	14.05	134	eP	Pn	08 07 50.4 +0.5
P17A	Butcher Ranch,	14.08	103	↓P	Pn	08 07 49.6 -0.6
R16A	Teadsale	14.10	108	↓P	Pn	08 07 50.9 +0.4
T15A	Red Dirt Ranch	14.17	114	↓P	Pn	08 07 52.2 +0.8
L19A	Farson	14.19	91	↑P	Pn	08 07 51.6 -0.2
N18A	Larsen Ranch,	14.28	96	↓P	Pn	08 07 51.9 -1.1
O18A	Roosevelt	14.29	99	↑P	Pn	08 07 53.3 +0.3
109C	Camp Elliot, M	14.30	137	↓P	Pn	08 07 54.0 +0.7
IRM	Iron Mountain	14.34	129	↑P	Pn	08 07 53.3 -0.6
P18A	Preston Nutter	14.36	102	↓P	Pn	08 07 53.8 -0.3
SRU	San Rafael	14.38	104	eP	Pn	08 07 53.8 -0.6
SRU	San Rafael	14.38	104	eP	Pn	08 07 55.6 +1.2
K19A	Absolon Red Bu	14.40	88	↑P	Pn	08 07 53.5 -1.1
W13A	Hualapai Mount	14.42	123	↑P	Pn	08 07 54.7 -0.2
DLBC	Dease Lake	14.44	357	Pn	Pn	08 07 59.9 +4.9
DLBC	Dease Lake	14.44	357	Pn	Pn	08 13 13.1
DLBC	Dease Lake	14.44	357	eP	Pn	08 08 02.8 +7.8
M19A	Rock Springs	14.49	93	↑P	Pn	08 07 54.5 -1.4
V14A	Boquillas Ranc	14.54	120	↑P	Pn	08 07 56.0 -0.5
BC3	Big Chuckw Mtn	14.55	131	↑P	Pn	08 07 55.8 -0.9
R17A	Hanksville Air	14.57	107	↓P	Pn	08 07 56.5 -0.4

U15A	North Rim	14.57	116	↓P	Pn	08 07 57.0 0.0
MONP	Monument Peak	14.64	135	↑P	Pn	08 07 57.7 -0.2
Q18A	Rafter H Ranch	14.66	103	↓P	Pn	08 07 57.7 -0.5
N19A	John Jarvie Ra	14.66	96	↓P	Pn	08 07 56.8 -1.4
BAR	Barrett	14.68	137	eP	Pn	08 07 57.4 -1.1
T16A	Glen Canyon Da	14.77	113	↓P	Pn	08 07 59.3 -0.4
K20A	Yellowstone Ra	14.79	88	↑P	Pn	08 07 58.9 -1.1
X13A	Yucca	14.79	125	↑P	Pn	08 08 00.4 +0.3
PDMCI	Parker Dam, Lak	14.82	126	↑P	Pn	08 07 59.8 -0.6
W14A	Seligman	14.83	121	↑P	Pn	08 08 00.8 +0.3
S17A	Black Ridge (B	14.89	109	↓P	Pn	08 08 01.2 -0.1
O19A	Miners Draw (B	14.90	98	↑P	Pn	08 08 00.4 -1.1
SWSC	Sam W. Stewart	14.92	134	↓P	Pn	08 07 60.0 -1.7
L20A	Wamsutter	14.95	91	↑P	Pn	08 08 00.5 -1.6
DVTC	Desert V Tower	14.98	135	↑P	Pn	08 08 01.8 -0.8
Y12C	Blythe	15.00	129	↑P	Pn	08 08 02.1 -0.6
V15A	Kaibab Nationa	15.02	118	↓P	Pn	08 08 02.9 -0.1
R18A	Canyonlands Na	15.15	105	↓P	Pn	08 08 03.6 -1.2
M20A	Sweetwater, Wa	15.20	93	↓P	Pn	08 08 03.9 -1.5
T17A	Navajo Res., N	15.23	111	↑P	Pn	08 08 05.8 0.0
P19A	Cripple Cowboy	15.26	100	↓P	Pn	08 08 06.2 +0.1
Q19A	Hogan Spring (	15.34	103	↑P	Pn	08 08 06.7 -0.5
N20A	Spence Gulch,	15.34	95	↑P	Pn	08 08 06.9 -0.4
Y13A	Salome	15.35	127	↓P	Pn	08 08 07.7 +0.3
GLA	Glamis	15.35	131	↑P	Pn	08 08 07.3 -0.2
GLA	Glamis	15.35	131	eP	Pn	08 08 06.8 -0.7
W15A	Williams	15.36	120	↓P	Pn	08 08 08.2 +0.6
S18A	Hurst Farm, BI	15.42	108	↑P	Pn	08 08 08.3 0.0
X14A	Yava	15.44	123	↑P	Pn	08 08 09.8 +1.2
U16A	Tuba City	15.50	115	↓P	Pn	08 08 09.9 +0.5
U17A	Shonto	15.54	112	↑P	Pn	08 08 10.0 0.0
O20A	White River Ci	15.59	97	↓P	Pn	08 08 09.1 -1.5
R19A	Cutley Farm, L	15.63	105	↑P	Pn	08 08 10.0 -1.1
WUAZ	Wupatki	15.71	117	↑P	Pn	08 08 12.1 0.0
WUAZ	Wupatki	15.71	117	eP	Pn	08 08 12.8 +0.6
P20A	Comp-Z, 285nm, 1.6s	15.73	100	↓P	Pn	08 08 11.0 -1.3
Y14A	Wickenburg	15.74	125	↑P	Pn	08 08 12.1 -0.5
M21A	Separation Pca	15.76	92	↑P	Pn	08 08 10.6 -2.1
T18A	Mexican Hat	15.78	110	↑P	Pn	08 08 12.6 -0.5
X15A	Humboldt	15.83	122	↓P	Pn	08 08 12.7 -1.0
W16A	Flagstaff	15.88	118	↓P	Pn	08 08 14.3 0.0
112A	Yuma	15.88	132	↓P	Pn	08 08 14.8 +0.5
Z13A	Yuma Proving G	15.89	128	↓P	Pn	08 08 14.7 +0.2
N21A	Black Mountain	15.90	95	↓P	Pn	08 08 14.4 -0.1
LAO	LASA Array	15.93	73	eP	Pn	08 08 14.4 -0.5
SKAG	Skagway	15.98	347	eP	Pn	08 08 19.0 +3.6
Q20A	Ridgley Place,	16.02	102	↓P	Pn	08 08 16.5 +0.4
V17A	Tonalea, Kykot	16.02	116	↓P	Pn	08 08 16.6 +0.4
O21A	Pagoda	16.12	96	↓P	Pn	08 08 16.8 -0.6
Y15A	Casa Rosa Ranc	16.13	123	↓P	Pn	08 08 17.4 -0.2
U18A	Rough Rock, Ch	16.17	112	↓P	Pn	08 08 17.7 -0.4
Z14A	Wintersburg,	16.18	126	↑P	Pn	08 08 18.1 -0.1
R20A	Redvale	16.30	104	↑P	Pn	08 08 19.2 -0.5
L22A	Ellis Ranch, M	16.32	89	↓P	Pn	08 08 19.4 -0.5
M22A	Cedar Creek Ra	16.37	92	↓P	Pn	08 08 19.1 -1.5
X16A	Lo Mia Camp, P	16.37	120	↑P	Pn	08 08 20.7 +0.1
P21A	Newcastle	16.39	99	↓P	Pn	08 08 19.7 -1.2
W17A	Winslow	16.41	117	↓P	Pn	08 08 21.1 0.0
V18A	Ganado	16.54	114	↓P	Pn	08 08 23.3 +0.6
Q21A	Lamborn Mesa,	16.58	101	↓P	Pn	08 08 22.0 -1.3
114A	Black Gap (USA	16.66	127	↑P	Pn	08 08 24.8 +0.4
MVCO	Mesa Verde	16.69	107	↑P	Pn	08 08 24.3 -0.3
MVCO	Mesa Verde	16.69	107	eP	Pn	08 08 24.6 -0.1
U19A	Dine' College,	16.69	111			

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like 226A Malaga, AMTX Amarillo, 127A Arkansas, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like SWET Sewanee, ACSSO Alum Creek, LRLAL Lakeland, etc.

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

Table with columns: KMI, LR, LR, comp=2.420m,39.2s, PLCA Paso Flores 99.22 139 LR LR 08 56 23.8

ISCJB 10 08:17:38.4±2.5,39°5N:0°2'74.7E:0.1, h10km, Error ellipse: s-maj=23.0km s-min=13.8km az=176.7

NNC 10 08:17:39.0±2.6,39°59N:74.78E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=21.0km s-min=11.9km az=162.0

ISC 10 08:17:38.1±2.4,39.4N:0°2'74.8E:0.1, h10km, n13, c=0577/17,3C-3D, Southern Xinjiang

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

IDC 10 08:38:23.8±2.4, 5.54S:146°29E, h0km, mb4.3/3, mb1 4.5/4, mb1mx3.9/14, mbtmp3.4/3, ML4.3/1, Error ellipse: s-maj=62.9km s-min=40.1km az=108.0

NEIC 10 08:38:42.8±4.8, 5.98S:145°86E, h138km, az=241.0, Error ellipse: s-maj=41.0km s-min=28.6km az=111.0

ISC 10 08:38:44.6±5.9, 6.15S:145°8E:0.3, h145km, mb3.8, n14, c=0562/2, mb4.4/3, New Guinea

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

IDC 10 08:50:18.2±3.5, 6.66S:123°32E, h274km, 49km, mb3.8/1, mb1 3.6/4, mb1mx3.1/18, mbtmp3.5/4, Error ellipse: s-maj=101.8km s-min=45.9km az=72.0, Band Sea

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

NEIC 10 08:50:32.9, 17°25N:100°33W, h22km, MD3.1(MEX), After MEX

MEX 10 08:50:32.7±0.8, 17°24N:100°32W, h25km, 13km, MD3.5, Guerrero

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

JMA 10 08:56:45.7, 32°38N:130°68E, h10km, 1km, M3.5, 2C-2D, Kyushu

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

IDC 10 09:10:55.9, 1.2, 13°94N:93°15E, h0km, mb3.6/5, mb1 3.7/5, mb1mx3.5/22, mbtmp3.6/5, M53.7/1, Ms1 3.9/1, ms1mx2.6/37, Error ellipse: s-maj=54.4km s-min=23.7km az=61.0, Andaman Islands region

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

Table with columns: CMAR Chiang Mai Arr 7.15 50 LR LR 09 15 40.2, MKAR Makanchi Array 33.99 347 P P 09 17 41.1 -0.2

IDC 10 09:20:29.1±5.4, 37°18N:72°08E, h183km, 37km, mb2.9/3, mb1 3.2/7, mb1mx3.0/26, mbtmp3.2/7, Error ellipse: s-maj=61.4km s-min=31.4km az=141.0

ISCJB 10 09:20:30.3±0.8, 37°32N:0°05'72.0E:0.1, h195km, 11km, mb3.1/3, Error ellipse: s-maj=15.7km s-min=5.0km az=157.3

NEIC 10 09:20:31.2±1.1, 37°28N:71°95E, h193km, 11km, mb4.3/7, Error ellipse: s-maj=17.7km s-min=4.7km az=60.0

ISC 10 09:20:30.9±0.8, 37°30N:0°05'72.0E:0.1, h183km, 11km, n30, c103/38, mb3.2/3, 3C, Tajikistan

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

IDC 10 09:20:32.8±2.4, 5.54S:146°29E, h0km, mb4.3/3, mb1 4.5/4, mb1mx3.9/14, mbtmp3.4/3, ML4.3/1, Error ellipse: s-maj=62.9km s-min=40.1km az=108.0

NEIC 10 08:38:42.8±4.8, 5.98S:145°86E, h138km, az=241.0, Error ellipse: s-maj=41.0km s-min=28.6km az=111.0

ISC 10 08:38:44.6±5.9, 6.15S:145°8E:0.3, h145km, mb3.8, n14, c=0562/2, mb4.4/3, New Guinea

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

ISCJB 10 09:23:32.8±0.8, 37°30N:0°04'28.0E:0.06, h14km, 10km, Error ellipse: s-maj=6.2km s-min=6.0km az=23.3

CSEM 10 09:23:32.7±0.1, 37°32N:28°07E, h10km, MD2.9, Error ellipse: s-maj=3.0km s-min=2.7km az=77.0

DDA 10 09:23:32.2, 37°35N:28°05E, h9km, MD2.9

ISC 10 09:23:33.0±0.8, 37°32N:0°04'28.0E:0.06, h12km, 11km, n18, c052/27, Turkey

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

IDC 10 09:24:43.1±3.1, 23°98S:179°21W, h466km, 285km, mb3.6/5, mb1 3.3/5, mb1mx3.1/15, mbtmp3.1/5, Error ellipse: s-maj=203.6km s-min=101.2km az=82.0, South of Fiji Islands

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

IDC 10 09:27:06.2±3.7, 0.541S:163°81E, h0km, mb3.8/3, mb1 4.0/4, mb1mx3.9/12, mbtmp3.9/4, ML4.1/1, M53.2/1, Ms1 3.2/1, ms1mx2.8/23, Error ellipse: s-maj=670.1km

s-min=53.0km az=153.0, ISC 10 09:27:38.4±1.6, 50°6'S:0°2'162.5E:0.2, h35km, n14, c=082/17, mb3.4/3, Auckland Islands region

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

NSSP 10 09:34:48.0, 41°82N:44°98E, h10km, Ms3.0, MOS 10 09:34:47.8±0.3, 41°89N:44°80E, h17km, mb4.0/1, Error ellipse: s-maj=39.6km s-min=10.1km az=102.3

CSEM 10 09:34:48.3±0.4, 41°97N:44°75E, h2km, mb4.0, Error ellipse: s-maj=12.5km s-min=3.3km az=87.0

ISC 10 09:34:48.3±0.7, 41°97N:0°02'43.5E:0.06, h2km, 4km, n28, c118/56, 7C-8D, Western Caucasus

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

JMA 10 09:52:23.4±0.2, 31°14N:140°24E, h144km, M3.7, Southeast of Honshu

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

NIED 10 10:00:00.44°10N:147°90E, h47km, Mw4.0 Best double couple: M1.02000x1015 NP1.354.00000, 871.00000, 7.67.00000, NP2.227.00000, 830.00000, 1.139.00000

JMA 10 10:00:37.0±0.8, 44°05N:147°87E, h0km, M4.8, ISCJB 10 10:00:37.9±0.8, 44°37N:0°05'148.0E:0.07, h2km, 6km, mb3.9/20, Error ellipse: s-maj=10.2km s-min=5.0km az=40.3

MOS 10 10:00:38.2±1.1, 44°41N:148°03E, h65km, mb4.0/5, Error ellipse: s-maj=11.6km s-min=9.4km az=84.0

SKHL 10 10:00:38.5±1.9, 44°40N:148°22E, h55km, 13km, mb5.3/4, NEIC 10 10:00:40.7±0.9, 44°37N:148°00E, h70km, 8km, mb3.6/15, Error ellipse: s-maj=11.4km s-min=7.4km az=132.0

IDC 10 10:00:40.7±2.5, 44°39N:147°92E, h68km, 22km, mb3.6/15, mb1 3.8/18, mb1mx3.7/24, mbtmp3.6/18, M53.2/5, Ms1 3.2/5, ms1mx2.9/30, Error ellipse: s-maj=19.3km s-min=14.6km az=124.0

ISC 10 10:00:39.4±0.7, 44°38N:0°05'148°09E:0.07, h57km, 6km, n68, c107/78, mb3.9/20, M53.4/3, 3C-4D, Kuril Islands region

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

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Power, SNR, and other technical parameters. Includes stations like KUR, YUK, YUZH, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Power, SNR, and other technical parameters. Includes stations like FINES, FFC, WRA, ASAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Power, SNR, and other technical parameters. Includes stations like KSH, KZH, UCH, etc.

Table with columns: AFI, comp-Z, frequency, pmax, pmax, and numerical values. Includes entries like AFI comp-Z,226nm,1.1s, AFI comp-Z,3.1nm,0.3s,baz=75,slow=8.2,SNR=18, etc.

Table with columns: QSPA, South Pole Qui, 63.85 180, P, P, 13 16 57.6+2.3, etc. Includes entries like MLYDM Lahad Tata, TSM Tawau, KDM Sandakan, etc.

Table with columns: BJT, comp-Z,23nm,0.8s, Baijiatuu, 87.65 317, eP, P, 13 19 06.7+0.1, etc. Includes entries like BJI Beijing, PLCA Paso Flores, PLCA Paso Flores, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like INK, YKA, MKAR, ZAK, etc.

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

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like VYHS, GZR, BRG, BRG, etc.

Table with columns: CTA, Charters Tower, 20.94 127 LR, LR, 14 05 37.4, etc.

MOS 10 13:56:16.5:0.9, 53:21N, 162:35W, h10km, mb4.9/26, Error ellipse: s-maj=20.3km s-min=8.2km az=104.7

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

Table with columns: C12B, Naegeli Ranch, 2973 82 U P, P, 14 02 24.4 +0.3, etc.

Table with columns: C12B, Naegeli Ranch, 2973 82 U P, P, 14 02 24.4 +0.3, etc.

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

Table with columns: L19A, Farson, 36.41 86 U P, P, 14 03 22.7 +0.4, etc.

Table with columns: L19A, Farson, 36.41 86 U P, P, 14 03 22.7 +0.4, etc.

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

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

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

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

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

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

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

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

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

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

10d 14h

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Nanjing, Novosibirsk, Zalesovo Array, etc.

2008 APR

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Malin Array Be, Malin Array B, Kiev, etc.

424

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Flores region, Waiingapu, Waingapu, etc.

s-min=20.4km az=88.0

ISC 10 14:17:34.9.1.3,40.00N:0.05:125.7W:0.1,h10km,n57,
e137/60,mb3.5/4,Off coast of northern California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like KHPM, KRMBS, KXSB, etc.

DDA 10 14:33:29.8,37.00N:27.62E,h7km,5km,Md2.8

ISCJB 10 14:33:30.1,0.7,37.02N:0.05:27.67E:0.05,h1km,13km,
Error ellipse: s-maj=8.1km s-min=6.0km az=169.1

CSEM 10 14:33:30.1,0.1,36.99N:27.66E,h2km,Md2.8,Error
ellipse: s-maj=1.9km s-min=1.2km az=7.0

ISK 10 14:33:30.0,37.03N:27.64E,h6km,Md2.9

ISC 10 14:33:30.4,0.7,37.01N:0.05:27.66E:0.05,h4km,12km,
n18,09/29/24,Turkey

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

ISC 10 14:33:31.5,47.0,16.03S:177.26E,h0km,mb3.9/3,
mb1.4/0.3,mb1mx3.7/14,mbtm3.9/3,MS3.5/2,Ms1.3.5/2,
ms1mx3.0/23,Error ellipse: s-maj=831.3km
s-min=133.7km az=74.0

NOU 10 14:35:02.6,0.8,21.46S:168.64E,h10km,Md2.6,ML2.5

ISC 10 14:35:04.7,4.2,20.23S:0.1x167.3E:0.05,h35km,n8,
e1117/1,mb3.8/3,MS3.5/2,Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like NOUC, LASL, NORM, etc.

ISC 10 14:35:22.0,1.4,28.71N:139.42E,h390km,23km,mb3.0/5,
mb1.3/1.6,mb1mx2.8/11,mbtm3.1/6,Error ellipse:
s-maj=57.9km s-min=15.7km az=77.0,Bonin Islands

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

Table with columns: MKAR, WRA, WRA, ASAR, ARCES, FINES, etc. Lists stations like Makanchi Array, Warramunga Arr, etc.

ISC 10 14:43:44.4,21.0,5.16S:144.40E,h0km,mb3.6/2,
mb1.4/0.3,mb1mx3.7/13,mbtm3.9/3,ML4.1/1,MS3.6/1,
Ms1.3/6.1,ms1mx2.7/19,Error ellipse: s-maj=344.8km
s-min=98.4km az=170.0,New Guinea

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

DDA 10 14:48:09.4,39.99N:35.76E,h7km,1km,Md2.9

ISCJB 10 14:48:11.1,1.1,40.07N:0.05:35.64E:0.07,h8km,10km,
Error ellipse: s-maj=9.3km s-min=7.9km az=13.5

CSEM 10 14:48:11.5,0.4,40.06N:35.59E,h15km,Md2.8,Error
ellipse: s-maj=8.7km s-min=7.9km az=26.0

ISK 10 14:48:13.9,39.68N:35.74E,h17km,Md2.8

ISC 10 14:48:11.6,0.9,40.07N:0.05:35.61E:0.06,h13km,8km,
n14,c111/23,Turkey

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

ISC 10 14:59:37.7,1.0,9.87N:122.90E,h0km,mb3.9/7,
mb1.4/1.7,mb1mx3.7/21,mbtm3.9/7,MS3.2/3,Ms1.3/2/3,
ms1mx2.6/32,Error ellipse: s-maj=79.4km s-min=18.4km
az=68.0

ISCJB 10 14:59:42.0,4.0,9.76N:122.22E:0.04,h48km,7km,
mb3.8/9,MS3.1/3,Error ellipse: s-maj=7.2km s-min=4.8km
az=158.6

NEIC 10 14:59:42.6,0.7,9.75N:122.59E,h35km,mb3.8/4,Error
ellipse: s-maj=59.5km s-min=12.2km az=66.0

ISC 10 14:59:43.5,0.4,9.75N:103.122:24E:0.04,h42km,7km,
n34,c1922/37,mb3.8/9,MS3.1/3,3C-1D,Negros

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like GUIM, GUIM, DCPH, etc.

FITZ 10 15:05:29.9+0.3

WRAB 10 15:06:02.6 -1.8

WRA 10 15:06:01.8 -2.6

ASAR 10 15:06:32.8 -0.3

STKA 10 15:07:52.2 -0.5

STKA 10 15:07:56.0 -1.7

MK31 10 15:08:33.9 -0.4

MK31 10 15:08:36.3 +1.9

KURK 10 15:09:07.4 +1.9

KURK 10 15:09:08.4 +2.9

ABKAR 10 15:10:17.9 +0.6

GNI 10 15:19:23.8

YKA 10 15:19:04.8 -0.2

FUNV 10 15:05:27.2,11.54N:71.08W,h105km,MW3.6,5C-3D,
Near coast of Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like DABV, DABV, IMOV, etc.

Table with columns: SOCV, SOCV, TURV, CAPV, CAPV, BAUV, BAUV, BIRV, BIRV, CUV, CUV, etc. Lists stations like Socops, Turiamo, Capacho, etc.

NEIC 10 15:07:13.7,0.6,61.48S:154.00E,h10km,mb4.4/8,Error
ellipse: s-maj=20.2km s-min=13.1km az=86.0

ISCJB 10 15:07:14.3,0.7,61.19S:0.08:153.8E:0.4,h10km,
mb4.4/10,MS4.0/10,Error ellipse: s-maj=24.8km
s-min=11.8km az=0.0

ISC 10 15:07:15.0,0.8,61.19S:153.79E,h0km,mb4.4/7,
mb1.4/5.7,mb1mx4.3/13,mbtm3.4/7,MS4.1/10,
Ms1.4/0.10,ms1mx3.8/19,Error ellipse: s-maj=37.3km
s-min=18.1km az=87.0

ISC 10 15:07:16.4,0.7,61.20S:0.08:153.7E:0.3,h10km,n39,
e0575/21,mb4.4/10,MS4.0/10,Balleny Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SBA, CASY, RPZ, URZ, GSPA, etc.

MAW 10 15:20:25.5

MAW 10 15:20:25.5

MAW 10 15:20:25.5

MAW 10 15:20:25.5

MAW 10 15:20:25.5

MAW 10 15:20:25.5

MAW 10 15:20:25.5

MAW 10 15:20:25.5

MAW 10 15:20:25.5

MAW 10 15:20:25.5

MAW 10 15:20:25.5

MAW 10 15:20:25.5

MAW 10 15:20:25.5

MAW 10 15:20:25.5

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MAW 10 15:20:25.5

MAW 10 15:20:25.5

MAW 10 15:20:25.5

MAW 10 15:20:25.5

MAW 10 15:20:25.5

MAW 10 15:20:25.5

MAW 10 15:20:25.5

MAW 10 15:20:25.5

MAW 10 15:20:25.5

MAW 10 15:20:25.5

MAW 10 15:20:25.5

10d 16h

2008 APR

426

mb1 3.6/5, mb1mx3.5/21, mbtmp3.5/5, Error ellipse: s-maj=156.0km s-min=20.2km az=65.0, ISJCJB 10 15:32:24.0-5.24:87N-122:42E-0.02, h5km, 3km, mb3.4/5, Error ellipse: s-maj=4.2km s-min=3.0km az=8.3, NEIC 10 15:32:24.1-1.0, 24:79N-122:44E, h10km, MG3.3(JMA), Error ellipse: s-maj=13.8km s-min=12.2km az=96.0, JMA 10 15:32:25.0-2.24:58N-122:31E, h1km, 3km, M3.3 CAP 10 15:32:24.8-5.24:86N-122:43E-0.02, h6km, 3km, ISC 10 15:32:24.8-5.24:86N-122:43E-0.02, h6km, 3km, n59, o99Z/86, mb3.4/5, 2C-2D, Taiwan region

ISCJCB 10 15:45:53.0-6.37:82N-103:72E-0.06, h12km, 6km, mb3.5/5, Error ellipse: s-maj=7.6km s-min=4.3km az=161.7, IDC 10 15:45:55.9-4.4, 37:72N-72:34E, h109km, 37km, mb3.2/5, mb1 3.4/10, mb1mx3.2/28, mbtmp3.3/10, Error ellipse: s-maj=32.3km s-min=25.1km az=24.0, NEIC 10 15:45:56.4-0.8, 37:66N-72:50E, h127km, 10km, mb4.2/11, Error ellipse: s-maj=11.6km s-min=6.3km az=67.0, NNC 10 15:46:03.2-4.1, 38:32N-72:00E, h204km, 48km, mb2.6, mp3.7, Error ellipse: s-maj=41.7km s-min=20.1km az=12.0

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC DZM Mont Dzumac 2.61 226 ePn ISC 16 04 25.1 -1.3 LALS Noumea 2.66 223 eP Pn 16 04 26.1 -1.0 NOUC Port Laguerre 17.73 228 eP Pn 16 05 02.1 +0.7 ARMA Armadale 18.26 233 eP Pn 16 08 03.8 +6.1 URZ Urewera 14.92 159 P Pn 16 08 12.3 +0.6 CTA Charters Tower 20.87 267 eP P 16 08 30.4 +3.9 CTA Charters Tower 20.87 267 eP P 16 08 29.5 +3.0 CTA comp=2.146nm, 18.6s, MS3.4, baz=312, slow=35 Pn 16 15 53.5 CTA Charters Tower 20.87 267 eP LR P 16 08 29.5 +3.0 CTA Charters Tower 20.87 267 eP LR P 16 15 53.5 CTA Charters Tower 20.87 267 eP LR P 16 08 28.9 +2.3 RPZ Fitzroy Cross 23.48 175 P Pn 16 08 56.4 +2.3 STKA Stephens Creek 26.70 239 eP P 16 09 24.9 +1.2 STKA Stephens Creek 26.70 239 eP P 16 09 24.9 +1.1 STKA Stephens Creek 26.70 239 eP P 16 09 24.6 +0.9 STKA Stephens Creek 26.70 239 eP P 16 09 24.0 WRA Warramunga Arr 32.06 264 P Pn 16 10 09.8 -1.5 ASAR Alice Springs 32.25 258 P Pn 16 10 12.7 0.0 PPT Papeete 39.69 93 LR LR 16 23 30.7 FITZ Fitzroy Cross 40.44 266 eP LR P 16 11 23.6 +0.4 FITZ Fitzroy Cross 40.44 266 eP LR P 16 26 01.8 FITZ Fitzroy Cross 40.44 266 eP LR P 16 11 23.3 +0.1 MBWA Marble Bar 45.47 260 eP P 16 12 04.2 +0.3 NWAO Narrogin (SRO) 47.12 244 eP P 16 12 15.8 -0.9 PETK Petropavlovsk 73.67 353 P Pn 16 15 18.4 +0.6 MAW Mawson 77.22 202 P Pn 16 15 35.9 -2.3 CHTO Chiang Mai 78.44 295 eP P 16 15 46.5 +0.8 ULN Ulaanbaatar 87.27 324 eP P 16 16 31.2 +0.2 SONM Songoing Array 87.62 323 P Pn 16 16 33.4 +0.8 BILL Bilibino 88.07 359 eP P 16 16 33.6 -0.7 VNA3 Neumayer Olymp 88.72 181 e P 16 16 36.4 -1.2 VNA3 Neumayer-Watz 89.00 181 e P 16 16 38.2 -0.8 VNA2 Mina Aray Bay 90.01 49 e P 16 16 47.8 +3.7 ANMO Albuquerque 97.47 56 LR LR 16 56 04.0 TXAR Lajitas Aray 97.86 52 LR LR 16 58 37.1 YKA Yellowknife Arr 101.91 28 P Pdf 16 17 38.4 +0.3 YKA Yellowknife Arr 101.91 28 P Pdf 16 17 38.4 +0.3 ARCES ARCES Array B 125.88 345 PKP PKPdf 16 22 46.7 +1.0 ARCES ARCES Array B 125.88 345 PKP PKPdf 16 23 20.2 +0.2 ARCES ARCES Array B 125.88 345 PKP PKPdf 16 23 20.2 +0.2 ARCES ARCES Array B 125.88 345 PKP PKPdf 16 23 20.2 +0.2 LPL La Plagne 150.67 333 ePKP1 PKPab 16 23 43.2 -0.3 LPL La Plagne 150.67 333 ePKP1 PKPab 16 23 42.5 -1.0

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time Res, h m s ISC. Rows include TWB1 Santiao Chiao, TWC Suao, NWF Wu-fen Shan, ILA Ilan, YJOY Yonaguni jima, TWE Neicheng, ENA Nanau, TWA Mucha, ENT TWA, ENTT Nicoudou, PCYT Pengchayiu, PCYT Taipei, TAP1 Taipei, TWY Chenhua, TATO Taipei, TWS1 Kuangyinshan, TWS1 Taipei, YHNB Yeheng, NSK Sangguang, NSK Taipei, NACB Ninganchiao, NNS Nan Shan, NNS Taipei, TWD Chiawan, TWD Taipei, HWA Hwaiin, WHF Hehuan Shan, WHF Taipei, TWT Tachien, TWT Taipei, IRIF Iriomote-Funau, IRIF Nanjuang, ESL Shilin, ESL Taipei, HATJ Hateruma jima, JKRS Kuro-shima, NSY Sanyi, TWQ1 Llyutan, JIJ Ishigaki jima, EHY Hungye, SMLT Sun Moon Lake, SSSL Suanglung, TCU Yuch, TCU Taichung, YULB Yu-i, YULB Yuli, YFUS Yu-Shan, ALS Alishan, CHKT Chengkung, CHNS Tsauling, WGK Gukeng, JTY Tarama, ELDT Lidau, CHN4 Tsauhsan, TPUB Ta-pu, STYT Tauyuan, WTP Ta-pu, TWG Pinlang, TWK Hsiyung, CHN1 Nanshi, SGST Jiahsian, SSSL Sandimen, SSD Taipei, SONM Songoing Array, MKAR Makanchi Array, ZALV Zalesovo Beam, WRA Warramunga Arr, ASAR Alice Springs.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time Res, h m s ISC. Rows include KSH Kashi, KBL Kabul, AML Almayashu, AML Almayashu, UCH Uchter, UCH Uchter, KZA Kyzart, EKS2 Erkin-Say, EKS2 Erkin-Say, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, KK31 Karatay Array, TKM2 Tokmak 2, TKM2 Tokmak 2, THN Thein Dam, SDNR Sundarnagar, SMLA Simla, SMLA Simla, SMLA Simla, KALPA Kalpa, KLP KLP, KLP KLP, KHET Khetri, SONA Sohna, MK31 Makanchi Array, MKAR Makanchi Array, DANN Dangsing, KURK Kurchatov, KURK Kurchatov, KOLN Koldanda, GKN Gorkha, AB31 Akbulak array, AB31 Akbulak array, ABKAR Akbulak array, ABKAR Akbulak array, KKN Kakani, DMN Daman, PKI Puzhik, GUN Gumbek, VOSK Vostochnaya, BVAR Borovoye, BVAR Borovoye, BRVK Borovoye, RAMN Ramite, AKTK Aktyubinsk, AKTK Aktyubinsk, AKTO Aktyubinsk, LSA Lhasa, ZALV Zalesovo Beam, ARU Arti, FINES Fines Array, ARCES ARCES Array, TOAD Todi Arr, TORD Torod Arr, YKA Yellowknife Arr, YKA Yellowknife Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time Res, h m s ISC. Rows include DZM Mont Dzumac, LALS Noumea, NOUC Port Laguerre, ARMA Armadale, URZ Urewera, CTA Charters Tower, CTA Charters Tower, CTA Charters Tower, CTA Charters Tower, RPZ Fitzroy Cross, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, PPT Papeete, FITZ Fitzroy Cross, FITZ Fitzroy Cross, MBWA Marble Bar, NWAO Narrogin (SRO), PETK Petropavlovsk, MAW Mawson, CHTO Chiang Mai, ULN Ulaanbaatar, SONM Songoing Array, BILL Bilibino, VNA3 Neumayer Olymp, VNA3 Neumayer-Watz, VNA2 Mina Aray Bay, ANMO Albuquerque, TXAR Lajitas Aray, YKA Yellowknife Arr, YKA Yellowknife Arr, ARCES ARCES Array B, ARCES ARCES Array B, ARCES ARCES Array B, ARCES ARCES Array B, LPL La Plagne, LPL La Plagne.

IDC 10 16:08:09.4-3.1, 201:14S-168:25E, h0km, mb3.9/5, mb1 4.1/5, mb1mx3.9/15, mbtmp4.0/6, Error ellipse: s-maj=91.1km s-min=39.2km az=137.0, ISC 10 16:08:15.1-2.4, 20:3S-02:168E-0.4, h35km, n8, o99Z/9, mb3.8/4, Loyalty Islands

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time Res, h m s ISC. Rows include NORM Noumea, ONTRN Noumea, ONTRN Noumea, CTA Charters Tower, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, SONM Songoing Array, GERES GERES Array B, GERES GERES Array B.

IDC 10 16:08:19.8-3.6, 20:06S-168:49E, h0km, mb3.9/4, mb1 4.0/4, mb1mx3.8/14, mbtmp3.9/4, Error ellipse: s-maj=110.4km s-min=43.8km az=136.0, Loyalty Islands

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time Res, h m s ISC. Rows include STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, SONM Songoing Array, GERES GERES Array B, GERES GERES Array B.

ISCJCB 10 16:23:08.9-0.5, 41:04N-103:33E-0.05, h10km, Error ellipse: s-maj=5.9km s-min=3.8km az=172.1, DDA 10 16:23:08.9, 41:03N-33:47E, h7km, 3km, Md3.0, ISK 10 16:23:08.4, 41:03N-33:49E, h12km, Md2.9, CSEM 10 16:23:09.0-0.1, 41:03N-33:49E, h8km, Md2.9, Error ellipse: s-maj=1.8km s-min=1.6km az=82.0, ISC 10 16:23:09.2-0.5, 41:04N-103:33E-0.05, h8km, 6km, n23, o95Z/74, Turkey

IDC 10 15:54:09.2-46.0, 16:21S-177:85E, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.8/15, mbtmp4.0/3, Error ellipse: s-maj=815.1km s-min=146.0km az=75.0, Fiji Islands

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time Res, h m s ISC. Rows include STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, ISK 10 16:03:42.3-3.6, 20:25S-0:08, 168:49E-0:10, h8km, 23km, mb4.3/15, MS3.6/6, Error ellipse: s-maj=17.4km, IDC 10 16:03:44.1, 0.9, 20:19S-168:24E, h0km, mb4.1/7, mb1 4.3/8, mb1mx4.1/15, mbtmp4.2/8, ML3.6/1, MS3.7/6, Ms1 3.6/6, mb1mx3.4/20, Error ellipse: s-maj=27.5km s-min=22.0km az=127.0, NEIC 10 16:03:48.7-0.6, 20:32S-168:31E, h35km, mb4.4/10, Error ellipse: s-maj=15.4km s-min=12.5km az=100.0, ISK 10 16:03:43.7-4.3, 20:27S-0:08, 168:49E-0:09, h6km, 27km, n41, o112Z/30, mb4.3/15, MS3.6/6, 1D, Loyalty Islands

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time Res, h m s ISC. Rows include TOS Tosya, CANT Cankiri, BALT Daday, BALT Daday, ELDT Eldivan, ELDT Eldivan, SAFT Safranbolu, SAFT Safranbolu, BZK Bozkurt, BYBT Boyabat, BYBT Boyabat, CTCT Corum, CTCT Corum, SGKT Sivrigonyuk.

10d 20h

Table with 4 columns: Station Name, Azimuth, Elevation, and SNR. Includes entries for Villa Florida and Villa Florida.

IDC 10:20:25:44.6,0.9,41.72N:82.33E,h0km,mb3.8/10, mb1.3/8.16,mb1mx3.7/30,mbtmp3.7/16,ML3.2/6,MS3.0/5, Ms1.3/0.5,ms1mx2.7/34,Error ellipse: s-maj=18.3km s-min=16.0km az=28.0

ISCJB 10:20:25:44.7,0.3,41.62N:0.03:82.26E:0.0/4,h10km, mb3.7/11,Error ellipse: s-maj=5.1km s-min=3.8km az=39.8

NEIC 10:20:25:45.5,2.3,41.67N:82.40E,h7km=16km,mb3.8/2, Error ellipse: s-maj=7.8km s-min=4.2km az=64.0

BUI 10:20:25:46.6,41.55N:82.44E,h15km,mb4.4/4,mb4.2/6, ML4.0/11,MS3.5/3,MS7.3/6.4

NNC 10:20:25:47.8,4.2,41.81N:82.48E,h0km,mb4.4,mpv4.0, Error ellipse: s-maj=4.1km s-min=2.0km az=142.0

MOS 10:20:25:48.0,1.2,41.67N:82.35E,h36km,mb3.7/1, Error ellipse: s-maj=15.4km s-min=8.3km az=116.8

ISC 10:20:25:46.8,0.3,41.65N:0.03:82.30E:0.0/4,h10km,n67, a=129/73,mb3.7/11,6C-8D,Southern Xinjiang

Main table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Lists various stations like KNDK, AAA, WMQ, etc.

2008 APR

Table with 10 columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Lists stations like SHL, SONM, AKTO, etc.

MOS 10:20:32:51.3,1.0,38.87N:142.16E,h33km,mb4.7/13, Error ellipse: s-maj=10.0km s-min=6.4km az=94.1

ISCJB 10:20:32:52.6,0.6,38.84N:0.03:142.23E:0.06,h49km,4km, mb4.5/49,Error ellipse: s-maj=8.3km s-min=4.7km az=28.9

BUI 10:20:32:52.5,3.683N:142.13E,h53km,mb4.8/6,mb4.6/21, Ms4.4/3,Ms7.4/13

IDC 10:20:32:54.7,0.7,38.83N:142.08E,h46km=6km,mb4.0/19, mb1.4/2.22,mb1mx4.1/28,mbtmp4.1/22,ML4.3/3,MS3.3/3, Ms1.3/3.3,ms1mx2.7/40,Error ellipse: s-maj=16.4km s-min=12.2km az=89.0

NEIC 10:20:32:54.7,0.8,38.89N:142.15E,h48km=6km,mb4.8/19, MW4.2(NIED), Error ellipse: s-maj=7.1km s-min=5.3km az=123.0

NEIC Flavored [3 JMA] in Iwate and Miyagi; [1 JMA] in Amori. JMA 10:20:32:54.1,0.1,38.84N:142.14E,h43km,1km, M4.4 JMA Feil 3/1

NIED 10:20:33:00,38.80N:142.10E,h44km,Mw4.3 Best double couple: Ma2.79000:1015 NP1=325.00000; 866.00000, 783.00000. NP2=361.00000; 825.00000; 1,05.00000.

ISC 10:20:32:53.9,0.6,38.85N:0.03:142.18E:0.05,h41km,4km, h41km,5.5km;p-P,n103,0886/113,mb4.5/49,7C-5D,

Main table with 10 columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Lists stations like Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, etc.

Main table with 10 columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Lists stations like XAN, XAN, XAN, etc.

Table with columns: ANN, eS, S, 20 53 34.5, -5.4. Includes stations like NORSTAR Subarra, NORSTAR Array B, Malin Array Be, etc.

Table with columns: WRAB, Ennatt Creek, 42.01 122, eP, P, 20 51 04.9, -1.6. Includes stations like BJT Baijiutau, ASAR Alice Springs, UCH Uchtor, etc.

Table with columns: EIBI, 26nm, 0.2s, SNR=7.9, 2.57 354, P, S, Sn, 20 55 33.3, -0.5. Includes stations like Ibaiza, Beniarda, Beniarda, etc.

IDC 10 20:43:12.6:0.8, 1.06N:97.11E, h0km, mb4.1/15, mb1 4.2/16, mb1mx4.1/24, mbtmp4.1/16, ML3.4/1, MS3.3/3, Ms1 3.3/3, ms1mx2.9/37, Error ellipse: s-maj=27.3km s-min=15.6km az=50.0

DJA 10 20:43:15.1:1.11N:97.09E, h16km, MLv4.3/9, MOS 10 20:43:15.1:1.11N:97.19E, h33km, mb4.4/13, Error ellipse: s-maj=15.0km s-min=7.6km az=102.4

ISCJB 10 20:43:17.0:0.9, 1.14N:0.05:97.23E:0.06, h43km, 7km, mb4.3/42, MS4.0/4, Error ellipse: s-maj=11.8km s-min=6.8km az=145.7

BJJ 10 20:43:17.9, 1.00N:97.69E, h62km, mb5.0/8, mb4.6/16, Ms4.5/3, Ms7.4/2.3, NEIC 10 20:43:20.2:1.8, 1.19N:97.38E, h52km, 15km, mb4.4/15, Error ellipse: s-maj=17.0km s-min=6.9km az=51.0

ISC 10 20:43:18.0:1.3, 1.13N:0.05:97.19E:0.06, h34km, 8km, n110, s1510/110, mb4.3/42, MS4.0/4, 5C-3D, Northern Sumatara

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like GSI Gunungsitoli, GSI Gunungsitoli, PSI Prapat, etc.

Table with columns: KURK Kurchatov, KURK Kurchatov, KURK Kurchatov, etc. Includes stations like KURK Kurchatov, KURK Kurchatov, KURK Kurchatov, etc.

Table with columns: EIBI Ibaiza, EIBI Ibaiza, EIBI Ibaiza, etc. Includes stations like EIBI Ibaiza, EIBI Ibaiza, EIBI Ibaiza, etc.

MEX 10 20:53:30.5:0.7, 16.81N:99.41W, h16km, 8km, 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, CAIG Mezcala, etc.

ISCJB 10 20:54:21.6:0.7, 36.48N:0.04:1.65E:0.04, h24km, 9km, Error ellipse: s-maj=6.9km s-min=6.7km az=158.6

CSEM 10 20:54:22.5:0.3, 36.37N:1.03E, h15km, ML3.7, Error ellipse: s-maj=6.8km s-min=6.5km az=91.0

CRAAG 10 20:54:22.2, 36.20N:1.64E, ML3.7, MDD 10 20:54:22.6:1.9, 36.52N:1.70E, h0km, mb3.6/8, Error ellipse: s-maj=18.8km s-min=9.9km az=141.0, PRIMMO NEIC 10 20:54:22.6, 36.52N:1.70E, h0km, MG3.6(MDD), After MDD

ISC 10 20:54:22.0:0.8, 36.46N:0.05:1.68E:0.04, h17km, 7km, n61, s1941/100, Northern Algeria

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like EBNR Beni Rached, EBNR Beni Rached, ECHA Ech Chlef, etc.

ISCJB 10 21:13:16.8:3.4, 14.8S:0.1:1.76W:0.2, h8km, 23km, mb4.0/5, MS3.3/2, Error ellipse: s-maj=32.7km s-min=10.5km az=152.6

IDC 10 21:13:18.2:1.9, 14.72S:76.38W, h0km, mb3.6/3, mb1 3.8/5, mb1mx3.6/17, mbtmp3.6/5, ML3.4/2, MS3.1/5, Ms1 3.2/5, ms1mx2.9/17, Error ellipse: s-maj=60.1km s-min=28.7km az=46.0

NEIC 10 21:13:22.4:1.0, 14.72S:76.30W, h35km, Error ellipse: s-maj=29.5km s-min=10.5km az=53.0

ISC 10 21:13:19.3:4.1, 14.86S:0.10:1.76W:0.2, h12km, 27km, n18, s1504/18, mb4.0/5, MS3.3/2, Near coast of Peru

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

Table with columns: Code, Station Name, Az, Az', Op, ISC, h, m, s, ISC, Res. Includes stations like MLR Muntele Rosu, EIL Elat, GERS Malin Array Be, etc.

Table with columns: Code, Station Name, Az, Az', Op, ISC, h, m, s, ISC, Res. Includes stations like ANOY Anoyia, LAST Lasithi, LAST Lasithi, etc.

Table with columns: Code, Station Name, Az, Az', Op, ISC, h, m, s, ISC, Res. Includes stations like AOS Alonnissos, KSL Kastellorizon, AKAS Kas, etc.

ISC/JB 10 23:07:03.7-0.5, 30.75S-0.06-180.0E:0.1, h397km,6km, mb3/6, Error ellipse: s-maj=15.8km s-min=7.4km az=20.5

IDC 10 23:07:05.0-5.9, 30.68S-179.98W, h397km,48km, mb3.5/4, mb1 3.8/5, mb1mx3.5/15, mbtmp3.7/5, Error ellipse: s-maj=60.7km s-min=18.5km az=43.0

NEIC 10 23:07:05.1-0.5, 30.61S-179.96W, h403km,6km, mb4.0/2, Error ellipse: s-maj=10.1km s-min=8.9km az=134.0

ISC 10 23:07:04.5-0.5, 30.72S-0.06-180.0E:0.1, h390km,6km, n26, +1516/30, mb3.8/6, Kermadec Islands Reg

Table with columns: Code, Station Name, Az, Az', Op, ISC, h, m, s, ISC, Res. Includes stations like RAO Raoul Island, PUZ Puketiti, MWZ Matawai, etc.

ISC/JB 10 23:14:53.9-0.2, 35.61N-0.02-25.07E:0.02, h71km,2km, mb3.9/16, Error ellipse: s-maj=3.1km s-min=2.1km az=29.5

IDC 10 23:14:54.5-0.6, 35.65N-25.12E, h57km,7km, mb3.5/8, mb1 3.6/16, mb1mx3.5/30, mbtmp3.5/16, Error ellipse:

Table with columns: Code, Station Name, Az, Az', Op, ISC, h, m, s, ISC, Res. Includes stations like ANOY Anoyia, LAST Lasithi, LAST Lasithi, etc.

ISC/JB 10 23:14:53.9-0.2, 35.61N-0.02-25.07E:0.02, h71km,2km, mb3.9/16, Error ellipse: s-maj=3.1km s-min=2.1km az=29.5

IDC 10 23:14:54.5-0.6, 35.65N-25.12E, h57km,7km, mb3.5/8, mb1 3.6/16, mb1mx3.5/30, mbtmp3.5/16, Error ellipse:

Table with columns: Code, Station Name, Az, Az', Op, ISC, h, m, s, ISC, Res. Includes stations like ANOY Anoyia, LAST Lasithi, LAST Lasithi, etc.

11d Oh

Table with columns: SOI, CEL, TAR1, MTG, BRTR, etc. and rows listing various stations and their coordinates.

2008 APR

Main table with columns: GRR, ESDC, SGFM, etc. and rows listing stations and their coordinates.

436

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

Azm128.0000": nsta1 refers to body waves, cutoff=40s.

nsta2 refers to surface waves, cutoff=50s.

ISC 11 01:41:49.2.5.1, 16:11N.0.07:145°10E.0.09, h21km, 36km, m55, c095/50, mb4.5/39, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations like GUM0, CTAO, WRA, etc.

IDC 11 01:49:19.2.3.2, 4.42S:153°56E, h0km, mb3.9/3, mb1 4/1.3, mb1mx3.8/1.5, mbtmp3.9/3, Error ellipse: s-maj=133.7km s-min=44.8km az=124.0, New Ireland region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations like WRA, ASAR, FITZ, etc.

BUI 11 01:51:10.3, 15.83N:145°28E, h10km, mb5.0/9, mb4.7/14, Ms4.6/5, Ms7.4/5/4

IDC 11 01:51:12.8.1.0, 16°01'N:144°99E, h0km, mb4.0/12, mb1 4/1.3, mb1mx4.0/23, mbtmp4.0/13, ML3.7/11, MS4.3/1, Ms1 4.3/1, ms1mx3.4/19, Error ellipse: s-maj=44.5km s-min=14.6km az=85.0

NEIC 11 01:51:14.4.0.1, 16.02N:144°98E, h10km, mb4.5/14, Error ellipse: s-maj=12.2km s-min=6.5km az=84.0

ISCJB 11 01:51:16.1.0.1, 16.99N:106°145°0E.0.1, h33km, mb4.4/34, MS4.5/4, Error ellipse: s-maj=14.7km s-min=8.1km az=174.1

ISC 11 01:51:18.1.0.5, 15.97N:106°145°0E.0.1, h35km, n48, c086/48, mb4.4/34, MS4.5/4.3C, Mariana Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations like GUM0, MJAR, YULB, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations like ENH, CTA, WRAB, etc.

NEIC 11 01:51:25.0.0.4, 16°26'N:145°18E, h10km, mb4.9/27, Error ellipse: s-maj=13.0km s-min=7.7km az=88.0

GCMT 11 01:51:25.0.0.2, 16°05'N:144°81E, h12km, MW5.2/101, Moment Tensor Solution. s45,c62; s101,c178; Duration: 0 Moment tensor: Scale 10^19Nm; Mr-7.00z: 12; Mw0.58z: 10; Mw0.64z: 12; Mw0.29z: 41; Mw0.58z: 11; Mw0.59z: 36; Best double couple: Mo:6.811000/1016

NP1:34.0/0000°, 0.4/0000°, -1.92/0000° NP2: 0.8/187.0000°, 0.3/0000°, -1.88/0000° Principal axes: T: 6.5470, P: 6.0200, Az: 278.000°; N: 0.5250, P: 1.0000, Az: 6.000°; P: 0.7060, P: 0.7060, P: 0.7060

Azm115.0000": nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISCJB 11 01:51:28.6.1.6, 16°16'N:106°145°0E.0.09, h50km, 15km, mb4.7/44, Error ellipse: s-maj=14.3km s-min=9.3km az=178.7

MOS 11 01:51:29.0.1.0, 16°16'N:144°96E, h48km, mb4.7/37, Error ellipse: s-maj=17.1km s-min=7.9km az=105.5

IDC 11 01:51:31.0.3.3, 16°14'N:144°84E, h22km, 30km, mb4.1/11, mb1 4/3/16, mb1mx4.2/23, mbtmp4.1/16, ML4.1/11, MS4.1/11, Ms1 4.1/11, ms1mx3.3/20, Error ellipse: s-maj=30.3km s-min=13.1km az=102.0

DJA 11 01:51:42.15.6.10N, 144°67E, h2km, mb5.2/10

ISC 11 01:51:29.8.1.5, 16°16'N:106°145°13E.0.09, h46km, 15km, n101, c1925/99, mb4.7/44, ID, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations like GUM0, CTAO, WRA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations like YULB, SSSL, KRSR, etc.

11d 2h

Table with columns: Location (e.g., XAN, GYA, WRAB), Time/Distance (e.g., comp=N,650nm,22.4s,MS4.4), and Values (e.g., LR, LR, 02 30 36.3 +1.4).

2008 APR

Table with columns: Location (e.g., GTA, YAK, STKA, YAK), Time/Distance (e.g., comp=Z,9.0nm,1.2s,mb4.6), and Values (e.g., sP, sP, 02 31 53.0 +6.1).

446

Table with columns: Location (e.g., SEW, RCO1, RPZ, KTH, TRF, PMR, PMR, FRU, FRU, UCH, AAK, AAK, AAK, MCK, MCK, EKS2, AML, COLD, COLA, COLA, PAX, BVAR, BRVK, BRVK, EGAG, DAW, KBL, KBL, KBL, HYT, INK, INK, INK, INK, INK, INK, INK, DIB, SVE, SVE, ABKAR, ARU, ARU, ARU, ARU, ARU, ARU, ARU, SOKR, SOKR, TAOE, E03A, D05A, B06A, G04A, YKA, YKA, YKA, H04A, H04A, C06A, A07A, E06A, B07A, C07A, G06A, B08A, E07A, RES, RES, RES, F07A, A09A, K05A, B09A, C09A, H07A, A10A, I07A, D09A, F08A, G08A, APA, APA, APA, KLMR, KLMR, NEW, NEW, NEW, NEW, NEW, NEW).

C10A	Spilker Farm, 83.36 42 ↑ P	P	02 35 52.9 -0.3	D15A	Lincoln 86.69 42 ↑ P	P	02 36 09.6 -0.4	KAF	Kangasniemi 88.41 336 ep	P	02 36 13.7 -4.2
H08A	Prairie City 83.38 46 ↑ P	P	02 35 53.5 +0.2	MTA	Mtatsminda 86.71 312 P	P	02 36 11.3 +1.2	G17A	Pierce Place, 88.46 43 ↑ P	P	02 36 18.7 +0.2
F09A	S2 Ranch, Elgi 83.56 44 ↑ P	P	02 35 54.1 -0.2	TBLG	Delisi 86.74 312 ep	P	02 36 11.0 +0.7	BELC	Belle Mtn. 88.47 55 ↑ P	P	02 36 19.2 +0.4
N06A	Buffalo Meadow 83.58 50 ↑ P	P	02 35 54.9 +0.4	TBLG	Tongah Range, 86.80 52 ↑ P	P	02 36 10.9 +0.2	I16A	Newdale 88.48 45 ↑ P	P	02 36 19.3 +0.7
L07A	Adell 83.59 48 ↑ P	P	02 35 54.5 0.0	O11A	Cowboy Ranch, 86.81 49 ↑ P	P	02 36 10.9 +0.2	GMRC	Granite Mounta 88.49 54 ↑ P	P	02 36 19.0 +0.1
A11A	Hall Mountain, 83.64 41 ↑ P	P	02 35 55.3 +0.7	J13A	Cove Ranch, Pi 86.81 46 ↑ P	P	02 36 10.5 -0.1	L15A	Malad City 88.52 47 ↑ P	P	02 36 19.2 +0.3
G09A	Cove 83.77 45 ↑ P	P	02 35 55.5 +0.2	E15A	Deer Lodge 86.83 43 ↑ P	P	02 36 10.2 -0.4	E18A	Harlowton 88.53 42 ↑ P	P	02 36 19.3 +0.5
B11A	Sandpoint 83.79 41 ↑ P	P	02 35 55.4 +0.1	R10A	Warm Springs 86.90 51 ↑ P	P	02 36 11.5 +0.3	J16A	Bone 88.61 45 ↑ P	P	02 36 19.9 +0.7
J08A	Circle Bar Ran 83.84 47 ↑ P	P	02 35 55.8 0.0	ELK	Elko 86.92 49 ep	P	02 36 10.1 -1.1	M15A	Larsen Ranch, 88.67 47 ↑ P	P	02 36 20.0 +0.4
E10A	Myers Farm, Un 83.88 43 ↑ P	P	02 35 55.7 -0.2	ELK	Elko 86.92 49 ep	P	02 36 10.1 -1.1	R13A	Grain Ranch, 88.68 51 ↑ P	P	02 36 20.5 +0.8
M07A	Soldier Meadow 83.89 49 ↑ P	P	02 35 55.9 -0.1	P11A	Circle Ranch, 86.92 50 ↑ P	P	02 36 11.4 +0.2	K16A	Soda Springs, 88.78 46 ↑ P	P	02 36 20.6 +0.5
F10A	Beach Ranch, E 83.95 44 ↑ P	P	02 35 56.0 -0.2	C16A	Fuhringer Ranc 86.92 41 ↑ P	P	02 36 10.9 -0.1	V12A	Nelson 88.82 53 ↑ P	P	02 36 21.0 +0.6
WVOR	Wild Horse Val 83.98 48 ep	P	02 35 55.7 -0.8	M12A	Wells 86.93 48 ↑ P	P	02 36 11.7 +0.5	U12A	Valley of Fire 88.83 52 ↑ P	P	02 36 21.0 +0.6
WVOR	Wild Horse Val 83.98 48 ep	P	02 35 55.7 -0.8	H14A	Leadore 86.96 44 ↑ P	P	02 36 11.4 +0.1	IMW	Indian Meadow 88.84 45 ep	P	02 36 22.6 +2.3
H09A	Durkee 84.03 45 ↑ P	P	02 35 56.8 +0.2	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
WCN	Washoe City 84.03 51 ↑ P	P	02 35 57.3 +0.5	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
A12A	Yaak River Ran 84.09 41 ↑ P	P	02 35 57.0 +0.1	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
KEV	Kevo 84.11 342 ep	P	02 35 54.1 -2.5	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
KEV	Kevo 84.11 342 ep	P	02 35 54.1 -2.5	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
IO9A	Lost Marbles R 84.17 46 ↑ P	P	02 35 57.5 0.0	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
G10A	Bishop Farm, J 84.22 45 ↑ P	P	02 35 57.0 -0.6	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
D11A	Klaveano Farm, 84.22 43 ↑ P	P	02 35 57.3 -0.3	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
L08A	Fields 84.26 48 ↑ P	P	02 35 58.0 +0.1	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
B12A	Libby 84.27 41 ↑ P	P	02 35 57.9 +0.1	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
J09A	Fry Pan Ranch, 84.34 47 ↑ P	P	02 35 58.2 -0.1	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
MAK	Makhachkala 84.41 313 ep	P	02 35 59.6 +0.9	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
MAK	Makhachkala 84.41 313 ep	P	02 35 59.6 +0.9	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
MAK	Makhachkala 84.41 313 ep	P	02 35 59.6 +0.9	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
E11A	Bogner Ranch, 84.51 43 ↑ P	P	02 35 58.8 -0.3	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
C12B	Naegeli Ranch, 84.58 42 ↑ P	P	02 35 59.3 -0.1	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
ARCES	ARCCESS Array B 84.67 342 P	P	02 35 58.7 -0.7	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
A10A	ARCCESS Array S 84.67 342 ep	P	02 35 58.6 -0.8	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
H10A	Noah's Angus R 84.69 45 ↑ P	P	02 35 59.8 -0.2	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
G11A	Walters Elk Ra 84.76 44 ↑ P	P	02 35 59.5 -0.8	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
I10A	Payette 84.79 46 ↑ P	P	02 36 00.7 +0.1	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
D12A	Red Ives Fores 84.86 43 ↑ P	P	02 36 00.6 -0.2	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
A13A	Flathead Natio 84.87 41 ↑ P	P	02 36 00.9 +0.1	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
E12A	Beaver Dam Sad 84.91 43 ↑ P	P	02 36 00.9 -0.2	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
BSMT	Bassoo Peak 84.97 42 ep	P	02 36 02.0 +0.6	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
J10A	Berg Farm, Mel 85.01 46 ↑ P	P	02 36 01.7 0.0	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
B13A	Whitefish 85.01 41 ↑ P	P	02 36 02.0 +0.4	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
K10A	MacKenzie Ranc 85.13 47 ↑ P	P	02 36 02.3 0.0	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
WALA	Waterton Lakes 85.14 40 ep	P	02 36 03.0 +0.8	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
H11A	Donnelly 85.14 45 ↑ P	P	02 36 02.0 -0.4	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
C13A	Hot Springs 85.17 42 ↑ P	P	02 36 02.4 0.0	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
F12A	Elk City 85.33 44 ↑ P	P	02 36 03.1 -0.1	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
JTMT	Jette 85.33 42 ep	P	02 36 02.8 -0.4	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
INVAR	Mina Array Bea 85.36 51 P	P	02 36 02.7 -0.9	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
I11A	Placerville 85.42 46 ↑ P	P	02 36 03.9 +0.1	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
D13A	Huson 85.42 42 ↑ P	P	02 36 03.5 -0.2	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
YBMT	Yellow Bay 85.47 42 ep	P	02 36 02.6 -1.3	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
A14A	Double T Ranch 85.47 40 ↑ P	P	02 36 04.3 +0.4	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
G12A	Big Creek, Yel 85.47 44 ↑ P	P	02 36 03.2 -0.8	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
L10A	Juniper Basin 85.62 48 ↑ P	P	02 36 05.0 +0.2	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
C14A	Swan Lake 85.66 42 ↑ P	P	02 36 03.6 -1.3	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
MFID	Camas Ranch 85.66 46 ↑ P	P	02 36 04.4 -0.6	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
K11A	Parker Ranch, 85.72 47 ↑ P	P	02 36 05.7 +0.5	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
M10A	L.L. Ranch, Tu 85.74 48 ↑ P	P	02 36 05.5 +0.1	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
A15A	Johnson Ranch, 85.90 40 ↑ P	P	02 36 06.0 0.0	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
ARVC	Arvin 85.91 55 ↑ P	P	02 36 06.2 -0.2	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
F13A	Darby 85.93 44 ↑ P	P	02 36 05.2 -1.0	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
H12A	Diamond D Ranc 85.97 45 ↑ P	P	02 36 06.3 -0.1	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
JOF	Joensuu 85.99 335 ep	P	02 36 04.1 -2.1	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
JOF	Joensuu 85.99 335 ep	P	02 36 04.1 -2.1	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
JOF	Joensuu 85.99 335 ep	P	02 36 04.1 -2.1	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
SLMT	Seeley Lake 86.00 42 ep	P	02 36 06.7 +0.2	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
I12A	Atlanta 86.03 46 ↑ P	P	02 36 07.1 +0.4	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
D14A	Greenough 86.05 42 ↑ P	P	02 36 06.4 -0.4	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
L11A	Cat Creek Ranc 86.10 47 ↑ P	P	02 36 07.4 +0.2	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
O10A	Cortez Mining, 86.14 49 ↑ P	P	02 36 07.6 +0.2	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
G13A	Cobalt 86.22 44 ↑ P	P	02 36 06.9 -0.7	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
B15A	Bradley Ranch, 86.23 41 ↑ P	P	02 36 07.0 -0.7	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
E14A	Clinton 86.27 43 ↑ P	P	02 36 07.3 -0.6	OBN	Obninsk 86.97 327f ep	P	02 36 08.7 -2.4	DUG	Dugway 88.84 48 ep	P	02 36 20.2 -0.2
M11A	Holland Ranch, 86										

mb4.2/24, Error ellipse: s-maj=23.6km s-min=15.7km

NEIC 11 03:00:22.3, 0.4, 16:17N:145:25E, h10km, mb4.4/8, Error ellipse: s-maj=16.0km s-min=7.5km az=90.0

MOS 11 03:00:25.0, 0.8, 16:12N:145:23E, h42km, mb4.6/10, Error ellipse: s-maj=22.8km s-min=10.2km az=101.1

ISC 11 03:00:24.7, 5.6, 16:13N:09:145:2E, 0.2, h42km, mb4.1km, n38, 0f92/38, mb4.2/24, 2C-1D, Mariana Islands

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

IDC 11 03:05:39.5, 1.3, 16:17N:145:08E, h0km, mb3.8/8, mb1 3.9/9, mb1mx3.8/22, mbtmp3.8/9, ML3.7/1, MS3.3/1, Ms1 3.3/1, ms1mx2.7/34, Error ellipse: s-maj=54.1km s-min=18.1km az=84.0

BUI 11 03:05:40.0, 16:20N:145:00E, h10km, mb4.9/2, mb4.4/3 NEIC 11 03:05:41.0, 0.4, 16:18N:145:02E, h10km, mb4.2/6, Error ellipse: s-maj=19.0km s-min=9.6km az=88.0

ISCJB 11 03:05:44.2, 2.7, 16:11N:0.1:145:0E, 0.2, h45km, 26km, mb4.0/15, Error ellipse: s-maj=25.3km s-min=20.3km az=160.3

ISC 11 03:05:45.5, 2.8, 16:11N:0.1:145:1E, 0.2, h42km, 28km, n24, 0f63/22, mb4.0/15, Mariana Islands

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

FINES FINES Array B 88.98 335 P P 03 18 35.2 -0.4 comp=Z, 1.4nm, 0.8s, mb4.3, baz=3.8, slow=4.2, SNR=3.3

FINES FINES Array B 88.98 335 P P 03 18 35.2 -0.4 NACMG Naroch 92.19 329 eLR LR 03 18 31.0 TORO Torodi Ar. Bea 133.57 307 PKP PKPdf 03 24 58.0 -0.4 comp=Z, 0.5nm, 1.0s, baz=80, slow=1.8, SNR=2.4

IDC 11 03:06:24.7, 1.3, 16:02N:145:03E, h0km, mb3.9/9, mb1 4.1/9, mb1mx3.9/20, mbtmp3.9/9, MS3.5/1, Ms1 3.5/1, ms1mx2.7/30, Error ellipse: s-maj=47.3km s-min=27.7km az=82.0

NEIC 11 03:06:26.0, 0.8, 15:59N:145:04E, h10km, mb4.3/7, Error ellipse: s-maj=29.7km s-min=13.1km az=86.0

ISCJB 11 03:06:27.0, 0.9, 15:59N:145:0E, 0.2, h33km, mb4.1/17, Error ellipse: s-maj=29.1km s-min=14.4km az=173.3

ISC 11 03:06:29.8, 0.9, 15:59N:0.1:145:1E, 0.2, h35km, n21, 0f67/20, mb4.1/17, Mariana Islands

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

BUI 11 03:16:32.6, 15:67N:145:60E, h10km, mb5.3/40, mb5.0/52, Ms5.2/61, Ms7 5.1/54

IDC 11 03:16:38.1, 0.5, 16:14N:145:09E, h0km, mb4.7/23, mb1 4.8/24, mb1mx4.8/27, mbtmp4.7/24, ML4.2/1, MS4.9/29, Ms1 4.9/29, ms1mx4.8/36, Error ellipse: s-maj=20.1km s-min=11.0km az=86.0

ISCJB 11 03:16:39.4, 0.2, 16:11N:0.1:144:82E, 0.2, h10km, mb5.0/16, MS5.1/236, Error ellipse: s-maj=4.8km s-min=3.3km az=9.0

NEIC 11 03:16:40.2, 0.2, 16:10N:144:96E, h10km, mb5.1/89, MS5.1/188, Error ellipse: s-maj=5.0km s-min=4.5km az=141.0

GCMT 11 03:16:40.2, 0.1, 16:11N:144:83E, h12km, MW5.5/111, Moment Tensor Solution. s77,c131; s111,c246; Duration: 1s4 Moment tensor: Scale 10^11Nm; Mn=2.51e-03; Mpp=1.9e-02; Mbb=2.31e-03; Mno=1.4e-08; Mno=2.5e-02; Mnr=0.36e-07; Best double couple: Mz2=45400e+10; NPI=0.40000e+00; S41=0.0000e+00; S42=0.0000e+00; S43=189.0000e+00; S44=0.0000e+00; S45=87.0000e+00; S46=0.0000e+00; S47=0.0000e+00; S48=0.0000e+00; S49=0.0000e+00; S50=0.0000e+00; S51=0.0000e+00; S52=0.0000e+00; S53=0.0000e+00; S54=0.0000e+00; S55=0.0000e+00; S56=0.0000e+00; S57=0.0000e+00; S58=0.0000e+00; S59=0.0000e+00; S60=0.0000e+00; S61=0.0000e+00; S62=0.0000e+00; S63=0.0000e+00; S64=0.0000e+00; S65=0.0000e+00; S66=0.0000e+00; S67=0.0000e+00; S68=0.0000e+00; S69=0.0000e+00; S70=0.0000e+00; S71=0.0000e+00; S72=0.0000e+00; S73=0.0000e+00; S74=0.0000e+00; S75=0.0000e+00; S76=0.0000e+00; S77=0.0000e+00; S78=0.0000e+00; S79=0.0000e+00; S80=0.0000e+00; S81=0.0000e+00; S82=0.0000e+00; S83=0.0000e+00; S84=0.0000e+00; S85=0.0000e+00; S86=0.0000e+00; S87=0.0000e+00; S88=0.0000e+00; S89=0.0000e+00; S90=0.0000e+00; S91=0.0000e+00; S92=0.0000e+00; S93=0.0000e+00; S94=0.0000e+00; S95=0.0000e+00; S96=0.0000e+00; S97=0.0000e+00; S98=0.0000e+00; S99=0.0000e+00; S100=0.0000e+00

MOS 11 03:16:42.4, 1.1, 16:11N:144:90E, h37km, mb5.2/51, MS5.0/41 Error ellipse: s-maj=10.5km s-min=5.6km az=108.6

DJA 11 03:16:54, 15:5N:145:06E, h140km, mb4.9/12

ISC 11 03:16:41.3, 1.1, 16:13N:0.04:144:88E, 0.02, h12km, 6km, n27km, 2.9km, p-P, n613, 0f993/454, mb5.0/140, MS5.1/236, 8C-93D, Mariana Islands region

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

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

Table with columns for flight codes (BJJ, KLR, ENH, etc.), destinations (Kul'dur, Taiyuan, etc.), times, and status indicators (eP, P, etc.).

Table with columns for flight codes (KMI, ASAR, LZH, etc.), destinations (Alice Springs, Lanzhou, etc.), times, and status indicators (P, Pmax, etc.).

Table with columns for flight codes (MOY, SHL, LSA, etc.), destinations (Mondy, Shillong, Lhasa, etc.), times, and status indicators (eP, P, etc.).

11d 3h

2008 APR

452

Table with columns: Station, Name, Time, Frequency, and other details. Includes entries like KSH, CHUM, SEW, TKM2, etc.

Table with columns: Station, Name, Time, Frequency, and other details. Includes entries like F04A, D05A, G04A, YKA, etc.

Table with columns: Station, Name, Time, Frequency, and other details. Includes entries like G11A, D12A, A13A, E12A, etc.

Table with columns: Station, Name, Az, El, Azimuth, Elevation, Frequency, Bandwidth, Modulation, etc. Includes stations like DAV, MJAR, SSLS, KRSR, etc.

Table with columns: Station, Name, Az, El, Azimuth, Elevation, Frequency, Bandwidth, Modulation, etc. Includes stations like ARU, AKTO, YKA, YKA, etc.

Table with columns: Station, Name, Az, El, Azimuth, Elevation, Frequency, Bandwidth, Modulation, etc. Includes stations like STKA, RAR, WRA, ASAR, FORT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GTA, S, S, 04 41 20.4 +1.8, etc.

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

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

Table of astronomical observations for 11d 5h, listing objects like SONM, VNA3, VNA2, etc., with their coordinates, magnitudes, and observation details.

Table of astronomical observations for 2008 APR, listing objects like SSF, GRR, LPL, etc., with their coordinates, magnitudes, and observation details.

Table of astronomical observations for 458, listing objects like HRT, HRT, ADVT, etc., with their coordinates, magnitudes, and observation details.

NEIC 11 04:52:52.31, 3.19:07S:170.49E, h35km, mb4.4/3, Error ellipse: s-maj=53.5km s-min=19.8km az=153.0

ISCJB 11 04:53:19.1, 2.2:19S:0.4:169.4E:0.3, h252km, 266km, mb3.9/9, Error ellipse: s-maj=65.6km s-min=25.3km az=150.2

ISC 11 04:53:22.8, 10.0, 19:05S: 169.34E, h274km, 88km, mb3.6/7, mb1.3/9, mb1mx3.5/26, mbtmp3.6/7, Error ellipse: s-maj=36.7km s-min=34.2km az=128.0

ISC 11 04:53:19.1, 2.3, 19:15S:0.4:169.4E:0.3, h235km, 27km, n17, r100/12, mb3.9/9, Vanuatu Islands

Table of astronomical observations for 458, listing objects like NOUC, CTAO, STKA, etc., with their coordinates, magnitudes, and observation details.

ISK 11 05:00:09.9, 37:00N:29:21E, h6km, MD3.0

ISCJB 11 05:00:10.0, 4.0, 6.36:94N:0.0:429:22E:0.06, h3km, 8km, Error ellipse: s-maj=8.1km s-min=5.9km az=21.9

CSEM 11 05:00:10.5, 0.1, 36:98N:29:21E, h5km, MD3.0, Error ellipse: s-maj=3.3km s-min=3.1km az=130.0

DDA 11 05:00:11.0, 0.3, 37:02N:29:42E, h7km, 4km, MD3.0

ISC 11 05:00:10.8, 0.6, 36:94N:0.0:429:22E:0.06, h4km, 8km, n26, r103/33, Turkey

Table of astronomical observations for 458, listing objects like GLHS, GLHS, GLHS, etc., with their coordinates, magnitudes, and observation details.

ISC 11 05:02:49.9, 0.5, 16:19N:145:06E, h0km, mb4.5/26, mb1.4/6/27, mb1mx4.6/30, mbtmp4.5/27, ML4.4/1, MS4.9/29, Ms1.4/29, ms1mx4.8/38, Error ellipse: s-maj=17.8km s-min=11.3km az=78.0

Bull 11 05:02:52.1, 16:09N:145:07E, h22km, mb5.4/45, mb5.0/46, MS5.2/63, MS7.5/156

GCMT 11 05:02:53.0, 0.1, 16:12N:144:84E, h2km, MW5.5/111, Moment Tensor Solution, scales: s147, s111, c245; Duration: 1s4 Moment tensor: Scale 1017Nm

NEIC 11 05:02:53.0, 2.0, 16:17N:144:89E, h10km, mb5.0/74, MS5.1/187, Error ellipse: s-maj=6.2km s-min=5.6km az=126.0

ISCJB 11 05:02:55.0, 0.1, 16:17N:0.0:144:89E:0.02, h37km, mb5.0/137, MS5.1/237, Error ellipse: s-maj=4.7km s-min=2.9km az=4.5

RES	comp-Z,3.0nm,0.9s,mb4.2	82.02	13	eP	P	05 15 13.3 +0.2
RES	Resolute Bay	82.02	13	eP	P	05 15 13.3 +0.2
F07A	Phinny Hill Vi	82.05	45	↑P	P	05 15 14.2 +0.4
H06A	Lindquist Farm	82.07	46	↑P	P	05 15 13.7 -0.2
A09A	Danville	82.12	41	↑P	P	05 15 14.2 0.0
C08A	Higginbotham F	82.14	43	↑P	P	05 15 14.1 -0.2
HAWA	Hanford	82.18	44	PFAKE	LR	05 15 30.0 +15
K05A	Summer Lake	82.19	48	↑P	P	05 15 14.9 +0.2
ARQ	Araji	82.33	292	↑P	P	05 15 16.9 +1.1
D08A	Wollman Farm,	82.42	43	↑P	P	05 15 15.9 +0.1
LDZ	Odessa Site #2	82.46	43	eP	P	05 15 17.2 +1.3
OV2	Loverzoro	82.51	339	eP	P	05 15 17.4 +1.6
LVZ	comp-Z,1.04nm,2.5s,mb5.4					
LVZ	Loverzoro	82.51	339	PFAKE	LR	05 15 30.0 +14
B09A	Rice	82.55	42	↑P	P	05 15 16.4 0.0
H07A	Lands Inn, Kim	82.64	46	↑P	P	05 15 16.7 -0.3
C09A	Chrisman Ranch	82.64	42	↑P	P	05 15 16.9 0.0
A10A	Northport	82.77	41	↑P	P	05 15 17.3 -0.2
I07A	Izee	82.81	46	↑P	P	05 15 18.0 +0.1
D09A	Jones Farm, Ri	82.82	43	↑P	P	05 15 17.5 -0.4
MOD	Modoc	82.82	49	PFAKE	LR	05 15 30.0 +12
F08A	Pendleton	82.85	44	↑P	P	05 15 18.3 +0.2
G08A	Pilot Rock	82.86	45	↑P	P	05 15 18.2 +0.1
APA	Apatity	83.08	339	↑P	P	05 15 17.0 -1.8
APA	comp-Z,600nm,2.9s,mb6.1					
APA	comp-Z,1.10nm,15.0s					
B10A	Chitwood Farm,	83.17	42	↑P	P	05 15 19.7 0.0
NEW	Newport	83.25	42	eP	P	05 15 19.4 -0.6
NEW	comp-Z,37nm,1.9s					
NEW	Newport	83.25	42	eP	P	05 15 19.4 -0.6
NEW	comp-Z,38nm,1.9s,mb5.1					
C10A	Spiker Farm,	83.26	42	↑P	P	05 15 20.1 0.0
H08A	Prairie City	83.27	46	↑P	P	05 15 20.1 -0.1
SAO	San Andreas Ge	83.31	54	PFAKE	LR	05 15 30.0 +9.4
KLMR	comp-Z,710nm,19.0s,MS5.1					
KLMR	Klimovskoe	83.31	332	↑P	P	05 15 20.0 -0.1
F09A	S2 Ranch, Elgi	83.46	44	↑P	P	05 15 21.4 +0.2
N06A	Buffalo Meadow	83.47	50	↑P	P	05 15 21.6 +0.3
L07A	Adell	83.48	48	↑P	P	05 15 21.3 0.0
D10A	Wagner Farm, O	83.50	43	↑P	P	05 15 20.8 -0.5
A11A	Hall Mountain,	83.53	41	↑P	P	05 15 21.7 +0.3
G09A	Cove	83.67	45	↑P	P	05 15 22.3 +0.1
B11A	Sandpoint	83.68	41	↑P	P	05 15 22.4 +0.1
J08A	Circle Bar Ran	83.73	47	↑P	P	05 15 22.7 +0.1
E10A	Myers Farm, Un	83.77	44	↑P	P	05 15 22.3 -0.4
M07A	Soldier Meadow	83.78	49	↑P	P	05 15 23.1 +0.2
CMB	Columbia Colle	83.78	52	PFAKE	LR	05 15 30.0 +7.0
F10A	Beach Ranch, E	83.84	44	↑P	P	05 15 23.1 0.0
WVOR	Wild Horse Val	83.87	48	eP	P	05 15 23.9 +0.5
WVOR	comp-Z,40nm,2.0s,mb5.2					
WVOR	Wild Horse Val	83.87	48	eP	P	05 15 23.9 +0.5
WVOR	comp-Z,1.1m,21.0s,MS5.3					
WVOR	Wild Horse Val	83.87	48	eP	P	05 15 23.9 +0.5
WVOR	comp-Z,1.1m,21.0s,MS5.3					
WCN	Washoe City	83.92	51	↑P	P	05 15 24.3 +0.7
H09A	Durkee	83.92	45	↑P	P	05 15 23.6 +0.1
A12A	Yaak River Ran	83.98	41	↑P	P	05 15 23.9 +0.1
EDM	Edmonton	84.02	36	eP	P	05 15 23.8 -0.1
I09A	Lost Marbles R	84.06	46	↑P	P	05 15 24.0 -0.3
KEV	Kevo	84.09	342	eP	P	05 15 23.0 -0.9
KEV	comp-Z,9.4nm,0.8s,mb5.0					
G10A	Bishop Farm, J	84.11	45	↑P	P	05 15 24.1 -0.4
BMO	Blue Mountains	84.11	45	eP	P	05 15 24.8 +0.3
BMO	comp-Z,4.0nm,0.9s,mb4.5					
BMO	comp-Z,5.62nm,20.0s,MS4.9					
BMO	Blue Mountains	84.11	45	eP	P	05 15 24.8 +0.2
BMO	comp-Z,4.2nm,0.9s,mb4.6					
D11A	Klaveano Farm,	84.11	43	↑P	P	05 15 24.1 -0.4
L08A	Fields	84.15	48	↑P	P	05 15 24.8 +0.1
B12A	Libby	84.17	41	↑P	P	05 15 24.6 -0.1
J09A	Fry Pan Ranch,	84.23	47	↑P	P	05 15 25.1 -0.1
WAKR	Walker	84.38	52	eP	P	05 15 26.0 0.0
E11A	Bogner Ranch,	84.40	43	↑P	P	05 15 25.6 -0.4
MAK	Makhachkala	84.44	313	eS	P	05 15 26.5 +0.2
MAK	comp-Z,28nm,0.4s,mb5.8					
C12B	Naegeli Ranch,	84.47	42	↑P	P	05 15 25.8 -0.5
H10A	Noah's Angus R	84.57	45	↑P	P	05 15 26.2 -0.7
F11A	Grangeville	84.58	44	↑P	P	05 15 26.3 -0.5
ARCES	ARCES Array B	84.65	342	P	P	05 15 25.1 -1.7
ARCES	comp-Z,12nm,0.7s,mb5.1,ba					
ARCES	ARCES Array S	84.65	342	eP	P	05 15 26.6 -0.1
G11A	Walters Elk Ra	84.65	44	↑P	P	05 15 26.3 -0.9
I10A	Payette	84.68	46	↑P	P	05 15 27.1 -0.3

D12A	Red Ives Fores	84.75	43	↑P	P	05 15 27.2 -0.5
D12A	Red Ives Fores	84.75	43	↑P	P	05 15 27.2 -0.5
A13A	Flathead Natio	84.76	41	↑P	P	05 15 27.6 -0.1
E12A	Beaver Dam Sad	84.81	43	↑P	P	05 15 27.8 -0.2
SMMC	Simmler	84.83	55	↑P	P	05 15 28.6 +0.3
BSMT	Bassog Peak	84.87	42	eP	P	05 15 30.0 +1.7
J10A	Big Farm, Mel	84.90	46	↑P	P	05 15 28.3 -0.2
B13A	Whitefish	84.91	41	↑P	P	05 15 28.3 -0.2
K10A	MacKenzie Ranc	85.02	47	↑P	P	05 15 29.2 0.0
H11A	Donnelly	85.03	45	↑P	P	05 15 28.7 -0.4
WALA	Waterton Lakes	85.03	40	eP	P	05 15 29.6 +0.6
WALA	Hot Springs	85.06	42	↑P	P	05 15 29.2 0.0
MLAC	Mammoth Lakes	85.08	52	↑P	P	05 15 29.6 0.0
PKM	Peak Mountain	85.08	55	↑P	P	05 15 30.0 +0.4
F12A	Elk City	85.22	44	↑P	P	05 15 29.5 -0.6
JTMT	Jette	85.22	42	eP	P	05 15 30.8 +0.7
JTMT	Mina Array Bea	85.25	52	eP	P	05 15 28.4 -2.0
NVAR	Mina Array Bea	85.25	52	eP	P	05 15 28.4 -2.0
I11A	Placerville	85.31	46	↑P	P	05 15 30.0 -0.6
D13A	Huson	85.32	42	↑P	P	05 15 30.3 -0.3
YBMT	Yellow Bay	85.36	42	↑P	P	05 15 31.8 +1.0
A14A	Double T Ranch	85.37	40	↑P	P	05 15 30.3 -0.4
VES	Vestal, Richgr	85.39	54	↑P	P	05 15 31.2 0.0
BMN	Battle Mountai	85.47	49	PFAKE	LR	05 15 40.0 +8.6
BMN	comp-Z,1.1m,21.0s,MS5.4					
SWMT	Swartz Lake	85.48	42	eP	P	05 15 32.5 +1.1
SWMT	Juniper Basin	85.51	48	eP	P	05 15 31.3 -0.1
MFID	Camas Ranch	85.56	46	↑P	P	05 15 31.6 -0.2
C14A	Swan Lake	85.56	42	↑P	P	05 15 31.3 -0.4
K11A	Parker Ranch,	85.61	47	↑P	P	05 15 32.1 0.0
M10A	L.R. Ranch, Tu	85.63	48	↑P	P	05 15 31.9 -0.4
E13A	Victor	85.70	43	↑P	P	05 15 31.7 -0.8
MSO	Missoula	85.74	43	PFAKE	LR	05 15 40.0 +7.3
MSO	comp-Z,458nm,22.0s,MS4.8					
A15A	Johnson Ranch,	85.79	40	↑P	P	05 15 32.2 -0.7
ARVC	Arvin	85.80	55	↑P	P	05 15 32.5 -0.6
F13A	Darby	85.82	44	↑P	P	05 15 32.4 -0.7
H12A	Diamond D Ranc	85.87	45	↑P	P	05 15 32.8 -0.6
SLMT	Seelye Lake	85.89	42	eP	P	05 15 34.3 +0.9
N10A	Dunphy	85.90	49	↑P	P	05 15 33.1 -0.5
BLG	Laguna Peak	85.90	56	↑P	P	05 15 33.6 -0.2
I12A	Atlanta	85.92	46	↑P	P	05 15 33.1 -0.5
ISA	Isabella	85.92	54	↑P	P	05 15 32.9 -0.9
RBK	Rabkut	85.93	287	↑P	P	05 15 35.0 +0.8
D14A	Greenough	85.94	42	↑P	P	05 15 32.5 -1.2
JOF	Joensuu	85.98	335	eP	P	05 15 29.3 -4.2
JOF	comp-Z,6.0nm,0.6s,mb5.0					
L11A	Cat Creek Ranc	85.99	47	↑P	P	05 15 34.3 +0.3
CWC	Cottonwood Cre	86.00	53	↑P	P	05 15 33.8 -0.4
O10A	Cortez Mining,	86.03	49	↑P	P	05 15 34.3 0.0
G13A	Cobal	86.11	44	↑P	P	05 15 33.8 -0.7
B15A	Bradely Ranch,	86.13	41	↑P	P	05 15 33.2 -1.3
CASY	Casey	86.14	193	PFAKE	LR	05 15 50.0 +16
CASY	comp-Z,761nm,19.0s,MS5.1					
CHMT	Chamberlain Mo	86.16	42	eP	P	05 15 34.4 -0.3
CHMT	Clinton	86.17	43	↑P	P	05 15 34.0 -0.8
MOS	Moscow	86.17	327	eP	P	05 15 37.4 +2.8
MOS	comp-Z,1.1m,22.0s,MS5.2					
M11A	Holland Ranch,	86.20	48	↑P	P	05 15 34.4 -0.6
H13A	Challis	86.27	45	↑P	P	05 15 34.6 -0.7
C15A	Salmond Ranch,	86.28	41	↑P	P	05 15 34.6 -0.7
GRAC	Grapevine Rang	86.38	53	↑P	P	05 15 36.0 0.0
DAC	Darwin (Calif)	86.42	53	PFAKE	LR	05 15 50.0 +14
DAC	comp-Z,764nm,21.0s,MS5.1					
N11A	Elko Archery C	86.43	49	↑P	P	05 15 36.2 0.0
K12A	Draper Farm, C	86.44	47	↑P	P	05 15 36.4 +0.1
HLID	Hailey	86.49	46	↑P	P	05 15 36.1 -0.4
HLID	Hailey	86.49	46	eP	P	05 15 38.2 +1.8
HLID	comp-Z,15nm,1.5s,mb5.0					
A16A	West Butte Ran	86.51	40	↑P	P	05 15 35.8 -0.6
L12A	House Creek Ra	86.52	47	↑P	P	05 15 36.9 +0.3
EDW2	Edwards Air Fo	86.55	53	↑P	P	05 15 36.5 -0.3
Q10A	Clear Creek Ra	86.56	51	↑P	P	05 15 37.0 +0.1
MPMC	Manual Prospec	86.57	54	↑P	P	05 15 37.2 +0.2
I13A	Wildhorse Cree	86.58	45	↑P	P	05 15 37.0 +0.1
G14A	Jackson	86.58	44	↑P	P	05 15 36.4 -0.5
LRMC	Laurel Mountai	86.59	54	↑P	P	05 15 37.1 0.0
D15A	Lincoln	86.59	42	↑P	P	05 15 36.4 -0.5
B16A	M & M Farms, S					

11d 5h

2008 APR

Table with columns: ID, Name, Comp, Time, Az, El, Status, Az, El, Status, Az, El, Status. Includes entries like R12A Pony Springs, ULMT Earthquake Lak, U11A Corn Creek, etc.

Table with columns: ID, Name, Comp, Time, Az, El, Status, Az, El, Status, Az, El, Status. Includes entries like FFC comp=Z,7.0nm,1.0s,mb5.0, FFC comp=Z,553nm,22.0s,MS4.9, FFC comp=Z,6.5nm,1.0s,mb4.9, etc.

Table with columns: ID, Name, Comp, Time, Az, El, Status, Az, El, Status, Az, El, Status. Includes entries like S18A Hurst Farm, BI, P19A Cripple Cowboy, N20A Spence Gulch, Q19A Hogan Spring, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like L'vov, Kangerlussuaq, Kalwaria Pacla, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Erie, Saint Sauveur, Lake Ozonia, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Charters Tower, Warramunga Arr, Alice Springs, etc.

ISCJB 11 05:09:53.0-18.0,310Sx153.34E,h235km,178km, mb3.2/3,mb1 3.5/4,mb1mx3/2/16,mbtmp3/3/4, Error ellipse: s-maj=145.8km s-min=49.5km az=146.0,New

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like URZ Urewera, KURK Kurchatov, KSH Kashi, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PLCA Paso Flores, DBIC Dimbokoro, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CDF Champ du Feu, LOR Lormes, LPGA La Plagne, etc.

ellipse: s-maj=11.3km s-min=9.5km az=164.5
 IDC 11 08:00:33.3, 1.9, 53.59N-87.78E, h0km, mb1.3, 5/3,
 mb1mx3.2/27, mbmp3.5/3, ML3.8/2, Error ellipse:
 s-maj=16.9km s-min=11.1km az=78.0
 NNC 11 08:00:38.0, 3.6, 53.29N-87.51E, h0km, mb3.8, mpv3.5,
 Error ellipse: s-maj=28.5km s-min=22.8km az=16.0
 ISC 11 08:00:35.1, 1.1, 53.55N, 0.08, 87.7E, 0.1, h10km, n8,
 #120/12, 4C-3D, Western Siberia

Code	Station Name	A° AZ°	Phase ID	Time	Res
				h m s	ISC
ZALV	Zalesovo Beam	1.77 284	Pn	08 01 04.8	-0.9
ZALV	20nm, 0.3s, baz=102, slow=15, SNR=104				
ZALV	18nm, 0.3s, baz=98, slow=26, SNR=14			08 01 29.0	
KURK	Kurchatov	6.28 247	Op	08 02 08.7	+1.0
KURK	2.0nm, 0.4s				
KURK	1.3nm, 0.5s			08 03 53.5	
KURK	16nm, 1.3s			08 03 56.3	
KURK	Kurchatov	6.28 247	Lg	08 03 56.3	
KURB	Kurchatov Arra	6.38 246	Op	08 02 09.6	+0.6
KURB	1.5nm, 0.3s				
KURB	0.6nm, 0.5s			08 03 20.6	-1.3
KURB	2.6nm, 0.7s			08 03 55.1	
MK31	Makanchi Array	7.61 209	Op	08 02 27.4	+1.5
MK31	0.7nm, 0.3s, baz=31, slow=13, SNR=37				
MK31	1.5nm, 0.6s, baz=31, slow=25, SNR=4.2			08 03 50.4	-1.7
MK31	3.2nm, 0.8s, baz=41, slow=29, SNR=4.6			08 04 31.4	
MKAR	Makanchi Array	7.61 209	Pn	08 02 27.4	+1.5
MKAR	1.7nm, 0.3s, baz=31, slow=14, SNR=40				
MKAR	0.4nm, 0.3s, baz=30, slow=27, SNR=5.4			08 03 51.5	-0.6
MKAR	0.4nm, 0.3s, baz=26, slow=30, SNR=4.8			08 04 32.9	
BVAR	Borovoye Array	10.40 274	Pn	08 03 08.3	-0.3
BVAR	0.8nm, 0.3s, baz=74, slow=14, SNR=9.3				
BVAR	1.0nm, 0.3s, baz=72, slow=26, SNR=5.5			08 04 56.8	-3.7
SONM	Songino Array	13.13 108	Pn	08 03 40.7	-0.8
SONM	baz=319, slow=17, SNR=2.3				

IDC 11 08:00:56.3, 2.2, 5.13N-94.59E, h0km, mb3.9/8, mb1.4 0/8,
 mb1mx3.7/24, mbmp3.9/8, Error ellipse: s-maj=105.2km
 s-min=20.0km az=56.0
 IS/CJB 11 08:01:05.5, 3.0, 5.4N, 0.3, 95.1E, 0.5, h75km, 14km,
 mb3.8/7, Error ellipse: s-maj=90.8km s-min=21.1km
 az=148.8

Code	Station Name	A° AZ°	Phase ID	Time	Res
				h m s	ISC
BSI	Banda Aceh	0.36 661	Op	08 01 18.0	+0.7
BSI	0.7nm, 0.3s, baz=165, slow=7.9, SNR=8.4				
MKAR	Makanchi Array	42.72 347	P	08 08 57.1	+0.6
MKAR	0.3nm, 0.3s, baz=164, slow=5.7, SNR=2.5			08 09 03.0	+0.6
WUR	Warramunga Arr	45.16 124	P	08 09 24.6	+0.2
WUR	1.0nm, 0.6s, baz=3.7, baz=304, slow=9.0, SNR=7.8				
KURCH	Kurchatov	7.24 346	Op	08 09 31.7	-0.7
KURCH	1.5nm, 0.5s, mb4.0, baz=165, slow=7.0, SNR=11				
ASAR	Alice Springs	47.69 129	P	08 09 36.0	-0.3
ASAR	0.3nm, 0.7s, mb3.3, baz=299, slow=7.9, SNR=4.4				
ZALV	Zalesovo Beam	49.15 352	P	08 09 46.7	-0.4
ZALV	1.3nm, 0.3s, mb4.3, baz=182, slow=7.8, SNR=7.0				
ARCES	ARCES Array B	77.90 340	P	08 12 56.2	-0.2
ARCES	1.7nm, 0.9s, mb3.8, baz=95, slow=6.7, SNR=5.7				

BUI 11 08:01:29.6, 3.7, 16N-25.97E, h5km, mb4.9/4, mb4.6/5
 ISK 11 08:01:35.8, 3.7, 65N-26.75E, h5km, ML4.4
 ATH 11 08:01:37.7, 3.7, 76N-26.92E, h20km, MD4.2/30, ML4.3
 IDC 11 08:01:37.1, 0.7, 37.78N-26.81E, h0km, mb4.1/13,
 mb1.4 2/20, mb1mx4.1/29, mbmp4.1/20, ML3.9/7, MS3.3/13,
 Ms1.3/13, ms1mx3.2/34, Error ellipse: s-maj=16.0km
 s-min=13.3km az=148.0

Code	Station Name	A° AZ°	Phase ID	Time	Res
				h m s	ISC
NEIC	11 08:01:37.7, 3.7, 75N-26.92E, h20km, mb4.2/9, ML4.3(ATH), ML4.4(ISK), After ATH.				
DDA	11 08:01:38.6, 3.7, 76N-26.97E, h18km, 2km, Md4.0, M4.2				
IS/CJB	11 08:01:39.1, 0.3, 37.70N, 0.02, 26.88E, 0.02, h20km, 2km, mb4.2/23, MS3.4/6, Error ellipse: s-maj=2.6km s-min=2.3km az=24.3				
CSEM	11 08:01:39.3, 0.1, 37.69N-26.89E, h10km, mb4.1/16, Error ellipse: s-maj=2.5km s-min=2.1km az=33.0				
MOS	11 08:01:40.0, 0.8, 37.80N-26.93E, h28km, mb4.3/16, Error ellipse: s-maj=6.5km s-min=4.0km az=108.4				
THE	11 08:01:40.3, 3.7, 76N-26.97E, h10km, 31km, ML4.5/18, Error ellipse: s-maj=31.6km s-min=1.5km az=0.4				
GII	11 08:01:45.5, 0.0, 37.33N-27.26E, h20km, 1km, Mb4.0/10, Md4.3/10				

ISC 11 08:01:39.3, 0.3, 37.68N, 0.01, 26.89E, 0.02, h10km, 2km,
 n52.1, #115/563, mb4.2/23, MS3.4/6, 10C-12D,

Dodecanese Islands					
Code	Station Name	A° AZ°	Phase ID	Time	Res
				h m s	ISC
SMG	Samos	0.05 300	Op	08 01 42.1	+0.8
SMG	0.05 300	eP		08 01 43.9	+1.2
SMG	Samos	0.05 300	P	08 01 41.9	+0.6
SMG	Samos	0.05 300	P	08 01 41.9	+0.6
SMG	Samos	0.05 300	eS	08 01 43.9	+1.2
GCAM	G?zelcaml?	0.27 86	iP	08 01 44.2	-0.6
GCAM	G?zelcaml?	0.27 86	iS	08 01 48.3	-0.1
GCAM	G?zelcaml?	0.27 86	iP	08 01 44.2	-0.5
GCAM	G?zelcaml?	0.27 86	iS	08 01 48.3	-0.1
BODT	Bodrum	0.70 152	eP	08 01 51.9	-1.6
BODT	Bodrum	0.70 152	eS	08 02 02.8	+0.7
BODT	Bodrum	0.70 152	eP	08 01 51.3	-1.6
BODT	Bodrum	0.70 152	eS	08 02 02.8	+0.7
BLCB	Balçova	0.71 10	eP	08 01 51.3	-1.7
BLCB	Balçova	0.71 10	P	08 01 51.4	-1.6
BLCB	Balçova	0.71 10	S	08 02 00.8	-1.5
BLCB	Balçova	0.71 10	P	08 01 51.4	-1.6
BLCB	Balçova	0.71 10	S	08 02 00.8	-1.5
BLCB	Balçova	0.71 10	P	08 01 51.4	-1.6
BLCB	Balçova	0.71 10	S	08 02 00.8	-1.5
URLA	Izmir	0.71 341	iP	08 01 51.9	-1.2
URLA	Izmir	0.71 341	iS	08 02 03.0	+0.6
URLA	Izmir	0.71 341	iP	08 01 51.9	-1.2
URLA	Izmir	0.71 341	iS	08 02 03.0	+0.6
BDRM	Kayabasi	0.76 144	iP	08 01 53.4	-0.4
BDRM	Kayabasi	0.76 144	iS	08 02 05.4	+1.6
BDRM	Kayabasi	0.76 144	iP	08 01 53.4	-0.5
BDRM	Kayabasi	0.76 144	iS	08 02 05.4	+1.6
IZM	Izmir	0.77 22	eP	08 01 53.2	-0.9
IZM	Izmir	0.77 22	eP	08 01 53.2	-0.9
MLSB	Milas	0.80 119	eP	08 01 54.0	-0.7
MLSB	Milas	0.80 119	eP	08 01 54.0	-0.7
DAT	Data	1.10 150	eP	08 01 58.6	-1.8
DAT	Data	1.10 150	eP	08 01 58.6	-1.8
YER	Yerkesik	1.24 116	eP	08 02 01.9	-0.6
YER	Yerkesik	1.24 116	iP	08 02 01.9	-0.6
AKHS	Akhisar	1.40 31	iP	08 02 02.3	-2.5
AKHS	Akhisar	1.40 31	iS	08 02 23.4	+0.1
AKHS	Akhisar	1.40 31	iP	08 02 02.3	-2.5
AKHS	Akhisar	1.40 31	iS	08 02 23.4	+0.1
AKS	Akhisar	1.40 31	eP	08 02 03.9	-0.8
AKS	Akhisar	1.40 31	eP	08 02 03.9	-0.8
KULA	Kula-Manisa	1.62 59	eP	08 02 07.9	0.0
KULA	Kula-Manisa	1.62 59	eP	08 02 07.9	0.0
PRK	Paraskevi	1.63 343	eP	08 02 06.6	-1.4
PRK	Paraskevi	1.63 343	eS	08 02 27.5	-1.6
PRK	Paraskevi	1.63 343	S	08 02 30.7	+1.6
PRK	Paraskevi	1.63 343	S	08 02 30.7	+1.6
PRK	Paraskevi	1.63 343	eP	08 02 06.6	-1.4
PRK	Paraskevi	1.63 343	eS	08 02 27.5	-1.6
PRK	Paraskevi	1.63 343	S	08 02 30.7	+1.6
PRK	Paraskevi	1.63 343	S	08 02 30.7	+1.6
DENIZ	Denizli	1.70 87	eP	08 02 08.7	-0.2
DENIZ	Denizli	1.70 87	eP	08 02 08.7	-0.2
THRA	Thira Island,	1.71 225	P	08 02 10.3	+1.2

THRA	Thira Island,	1.71 225	P	08 02 10.3	+1.2
THRA	Thira Island,	1.71 225	P	08 02 10.3	+1.2
SIGR	SIGRI	1.73 332	S	08 02 08.0	-1.3
SIGR	SIGRI	1.73 332	S	08 02 32.9	+1.4
SIGR	SIGRI	1.73 332	S	08 02 08.0	-1.3
SIGR	SIGRI	1.73 332	S	08 02 32.9	+1.4
SIGR	SIGRI	1.73 332	S	08 02 08.0	-1.3
SIGR	SIGRI	1.73 332	S	08 02 32.9	+1.4
THR1	Thera Island	1.74 222	P	08 02 09.2	-0.3
THR1	Thera Island	1.74 222	P	08 02 09.2	-0.3
THR3	Thira Island,	1.74 224	P	08 02 09.5	0.0
THR3	Thira Island,	1.74 224	P	08 02 09.5	0.0
THR3	Thira Island,	1.74 224	P	08 02 09.5	0.0
THR3	Thira Island,	1.74 224	P	08 02 09.5	0.0
ARG	Arkhangelos	1.77 146	eP	08 02 10.0	+0.1
ARG	Arkhangelos	1.77 146	eP	08 02 10.1	+0.2
ARG	Arkhangelos	1.77 146	eS	08 02 36.3	+3.9
ARG	Arkhangelos	1.77 146	eS	08 02 36.3	+3.9
ARG	Arkhangelos	1.77 146	eP	08 02 10.0	+0.1
ARG	Arkhangelos	1.77 146	eP	08 02 10.1	+0.2
THRS	Thira Island,	1.77 225	P	08 02 11.8	+1.9
THRS	Thira Island,	1.77 225	P	08 02 11.8	+1.9
THRS	Thira Island,	1.77 225	P	08 02 11.8	+1.9
THRS	Thira Island,	1.77 225	P	08 02 11.8	+1.9
THRH	Thira Island,	1.77 225	P	08 02 10.3	+0.2
THRH	Thira Island,	1.77 225	P	08 02 10.3	+0.2
THRH	Thira Island,	1.77 225	P	08 02 10.3	+0.2
THRH	Thira Island,	1.77 225	P	08 02 10.3	+0.2
FETY	Fethiye	2.04 120	eP	08 02 13.8	+0.2
FETY	Fethiye	2.04 120	eP	08 02 13.8	+0.2
BALB	Balikesir	2.10 21	eP	08 02 14.8	+0.1
BALB	Balikesir	2.10 21	eP	08 02 14.8	+0.1
GLHS	Gilhisar (BURDU	2.14 103	eP	08 02 14.8	+0.1
GLHS	Gilhisar (BURDU	2.14 103	eP	08 02 14.8	+0.1
KARP	Karpatos	2.14 174	eP	08 02 15.1	+0.1
KARP	Karpatos	2.14 174	eP	08 02 15.1	+0.1
KARH	Karahalli	2.17 72	eP	08 02 15.3	+0.3
KARH	Karahalli	2.17 72	eP	08 02 15.3	+0.3
KHL	Kharalli	2.17 72	eP	08 02 16.3	+0.8
EZN	Ezine	2.18 348	eP	08 02 14.8	-0.8
EZN	Ezine	2.18 348	eP	08 02 14.8	-0.8
PTL	Penteli	2.42 280	eP	08 02 18.9	0.0
PTL	Penteli	2.42 280	eP	08 02 18.9	0.0
ZKR	Zakros	2.52 192	eP	08 02 19.8	+0.9
ZKR	Zakros	2.52 192	eP	08 02 19.8	+0.9
VLY	Voula, Athens	2.46 275	eP	08 02 18.8	-0.6
VLY	Voula, Athens	2.46 275	eP	0	

Table with columns: Station, Frequency, Power, Mode, and Time. Includes stations like TIRR, MLR, MMLAI, etc.

Table with columns: Station, Frequency, Power, Mode, and Time. Includes stations like SOSP, BRG, VSR, etc.

Table with columns: Station, Frequency, Power, Mode, and Time. Includes stations like NOA, KURK, DBIC, etc.

NOU 11 08:08:58.2, 1, 2, 20106S, 168.75E, h10km, MD3.2, ML3.0
IDC 11 08:08:02.3, 9.9, 19.473S, 167.86E, h0km, mb3.8/4,
mb1.4, 0.04, mb1tmx3.8/14, mb1tmx3.8/4, MS3.0/1, Mst 1.3/0.1,
ms1mx2.7/20, Error ellipse: s-maj=280.2km s-min=53.3km
az=135.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like DZM, NOUR, WTA, etc.

Table with columns for flight codes (e.g., WHN, SNY, CN2), destinations (e.g., Shenyang, Changchun), times, and status indicators (e.g., P, S, M, X).

Table with columns for flight codes (e.g., BTO, FITZ, CD2), destinations (e.g., Baotou, Fityrou Crossi, Chengdu), times, and status indicators (e.g., P, S, M, X).

Table with columns for flight codes (e.g., ZAK, STKA, IRK), destinations (e.g., Zakamensk, Stephens Creek, Irkutsk), times, and status indicators (e.g., P, S, M, X).

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DANN Dangsing, KOLN Koldana, KGN Gorkha, etc.

IDC 11:10:59:33.52,6.29:805:177.84W, h64km,32km, mb3.7/3, mb1.3/9.3, mb1mx3.6/13, mbmtpp3.7/3, Error ellipse: s-maj=65.6km s-min=36.8km az=12.0, Kermadec Islands

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

KRSC 11:11:16:41.6:0.8:53:92N:168:83E, h21km,20km, ML3.9 ISCBJ 11:11:16:46.2:1.4:53:98N:0.07:168:6E:0.1, h7km,15km, mb3.4/6, Error ellipse: s-maj=12.8km s-min=9.1km az=146.8

MOS 11:11:16:47.9:1.4:54:63N:168:83E, h64km, mb3.9/2, Error ellipse: s-maj=47.2km s-min=25.1km az=45.4

IDC 11:11:16:49.9:4.8:54:46N:169:07E, h63km,45km, mb3.6/6, mb1.3/6.7, mb1mx3.2/5, mbmtpp3.7/3, ML3.7/1, MS2.6/1, Ms1.2/6.1, ms1mx2.4/33, Error ellipse: s-maj=43.2km s-min=19.6km az=135.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BKI Bering, KBTR Krutoberegovo, MKZ Mys Kozlova, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZLN Zelenaya, BZGR Bezmyannyi-Gr, SRKA Sorokina, etc.

ISCJB 11:11:34:47.2:0.5:36:55N:0.03:70:78E:0.07, h173km,7km, mb3.0/4, Error ellipse: s-maj=9.1km s-min=5.0km az=1.3

IDC 11:11:34:48.6:0.8:36:62N:70:58E, h181km,9km, mb4.6/8, Error ellipse: s-maj=13.8km s-min=7.0km az=74.0

NINC 11:11:34:52.5:5.6:36:90N:70.68E, h153km,127km, mb3.3, mpv4.2, Error ellipse: s-maj=57.2km s-min=34.7km az=14.0

ISC 11:11:34:48.2:0.5:36:55N:0.03:70:79E:0.07, h165km,7km, n47,c1935/59,mb3.0/4,4C-1D,Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KBL Kabul, KSH Kashi, KSH KASH, etc.

IDC 11:11:47:08.2:4.1:37:03N:69:75E, h0km, mb3.4/1, mb1.3/6.6, mb1mx3.2/7, mbmtpp3.5/6, ML3.1/3, MS2.8/1, Ms1.2/8.1, ms1mx2.2/27, Error ellipse: s-maj=61.0km s-min=35.5km az=170.0

NINC 11:11:47:18.1:2.2:38:16N:69:30E, h0km, mb3.7, mpv3.4, Error ellipse: s-maj=21.6km s-min=15.9km az=165.0

ISCJB 11:11:47:21.5:1.1:37:97N:0.09:69:6E:0.1, h80km,19km, Error ellipse: s-maj=15.7km s-min=11.8km az=146.3

NEIC 11:11:47:23.0:1.1:37:97N:69:49E, h80km,17km, Error ellipse: s-maj=21.5km s-min=11.1km az=114.0

ISC 11:11:47:22.8:1.0:37:98N:0.09:69:6E:0.1, h80km,18km, n19,c1929/21,4C-1D,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KHET Khetri, KHET Aya Nagar, AYAN Ayan, etc.

ASAR Alice Springs 84.42 125 P P comp=N:0.2nm,0.7s,mb3.0,baz=310,slow=4.2,SNR=5.5

THE 11:11:36:10.1,42:93N:24:09E, h3km,2km, ML3.1/1, Error ellipse: s-maj=5.0km s-min=1.5km az=17.0

BEO 11:11:36:11.6:1.2:42:61N:24:18E, h0km, ML2.0/2, ISCBJ 11:11:36:14.2:2.2:42:65N:0.10:24:0E:0.1, h10km,17km, Error ellipse: s-maj=20.4km s-min=9.0km az=42.3

CSEM 11:11:36:14.4:0.6:42:54N:23:98E, h2km, ML3.1/1, Error ellipse: s-maj=22.8km s-min=5.0km az=25.0

ISC 11:11:36:12.2:1.7,42:84N:0.09:24:09E:0.08, h0km,9km, n11,c107/22,Bulgaria

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

CSEM 11:11:39:51.2:0.7,68:08N:32:41E, h2km, ML1.6, Error ellipse: s-maj=14.3km s-min=6.8km az=92.0, Mining explosion

UPP 11:11:39:53.3:67:99N:32:12E, h0km, ML1.8, Suspected Mining explosion

HEL 11:11:39:46.8:68:117N:33:31E, h0km, ML1.6, Explosion, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VRF Varrio, VRF Vario, VRF Vario, etc.

ISC 11:11:39:53.3:67:99N:32:12E, h0km, ML1.8, Suspected Mining explosion

ISC 11:11:39:53.3:67:99N:32:12E, h0km, ML1.8, Suspected Mining explosion

ISC 11:11:39:53.3:67:99N:32:12E, h0km, ML1.8, Suspected Mining explosion

ISC 11:11:39:53.3:67:99N:32:12E, h0km, ML1.8, Suspected Mining explosion

ISC 11:11:39:53.3:67:99N:32:12E, h0km, ML1.8, Suspected Mining explosion

ISC 11:11:39:53.3:67:99N:32:12E, h0km, ML1.8, Suspected Mining explosion

ISC 11:11:39:53.3:67:99N:32:12E, h0km, ML1.8, Suspected Mining explosion

ISC 11:11:39:53.3:67:99N:32:12E, h0km, ML1.8, Suspected Mining explosion

ISC 11:11:39:53.3:67:99N:32:12E, h0km, ML1.8, Suspected Mining explosion

ISC 11:11:39:53.3:67:99N:32:12E, h0km, ML1.8, Suspected Mining explosion

ISC 11:11:39:53.3:67:99N:32:12E, h0km, ML1.8, Suspected Mining explosion

ISC 11:11:39:53.3:67:99N:32:12E, h0km, ML1.8, Suspected Mining explosion

ISC 11:11:39:53.3:67:99N:32:12E, h0km, ML1.8, Suspected Mining explosion

ISC 11:11:39:53.3:67:99N:32:12E, h0km, ML1.8, Suspected Mining explosion

ISC 11:11:39:53.3:67:99N:32:12E, h0km, ML1.8, Suspected Mining explosion

ISC 11:11:39:53.3:67:99N:32:12E, h0km, ML1.8, Suspected Mining explosion

ISC 11:11:39:53.3:67:99N:32:12E, h0km, ML1.8, Suspected Mining explosion

ISC 11:11:39:53.3:67:99N:32:12E, h0km, ML1.8, Suspected Mining explosion

ISC 11:11:39:53.3:67:99N:32:12E, h0km, ML1.8, Suspected Mining explosion

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURK Kurchatov, AKTK Aktyubinsk, AKTO Aktyubinsk, BVAR Borovoye Array, ZALV Zalesovo Beam, YKA Yellowknife Ar.

IDC 11 12:03:47.3;2.8, 16.24N;145.09E, h0km, mb3.6/7, mb1 3.8/7, mb1mx3.6/21, mbtmp3.6/7, Error ellipse: s-maj=88.5km s-min=22.0km az=60.0, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSRS Korea Array, WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, SONM Songoing Array, ZALV Zalesovo Beam, MFAR Makanchi Array.

ISK 11 12:07:17.7, 38.32N;38.11E, h6km, MD3.0, ISCJB 11 12:07:18.4, 0.5, 38.32N;0.04;38.12E;0.04, h7km, 6km, Error ellipse: s-maj=7.4km s-min=4.8km az=164.3, CSEM 11 12:07:18.3, 0.2, 38.29N;38.14E, h5km, MD2.9, Error ellipse: s-maj=7.1km s-min=5.0km az=162.0, DDA 11 12:07:18.2, 38.29N;38.12E, h7km, 3km, MD2.9, ISC 11 12:07:18.8, 0.5, 38.30N;0.04;38.12E;0.04, h8km, 5km, n25, c095/35, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AKCD Akcadag, MALT Malatya, DARE Darende-Malaty, ELZG Elazig, KEMK Kemaliye, URFU Urfa, PTK Pertek, SARI SARDiz-Kayseri, KMRS Kahramanmaraş, GAZ Gaziantep, PINB Pinarbası, SVSK Karacayir, KOZT Kozan.

DJA 11 12:07:34.6, 0.9S;102.69E, h15km, MLv3.4/4, Southwest of Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KASI Kota Agung, MDSI Maura Dua, CGJI Cibinong, RBJS Rajabasa, PMBI Palembang.

NOU 11 12:12:07.3;1.4, 20.04S;167.93E, h10km, MD2.7, ML2.9, ISCJB 11 12:12:09.6;1.2, 20.4S;168.1E;0.2, h33km, mb3.9/4, Error ellipse: s-maj=36.8km s-min=8.4km az=34.5, NEIC 11 12:12:11.7;1.5, 20.49S;168.19E, h35km, Error ellipse: s-maj=57.8km s-min=22.0km az=141.0, IDC 11 12:12:12.1;1.6, 19.94S;168.00E, h33km, 7km, mb3.8/4, mb1 4.1/4, mb1mx3.7/14, mbtmp3.8/4, Error ellipse: s-maj=100.0km s-min=22.7km az=156.0, ISC 11 12:12:11.0;1.2, 20.5S;168.3E;0.2, h35km, (h35km;1.0km;pp-P), nr, c092/14, mb3.9/4, Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumak, LASL Noumea, NORM Noumea, NOUC Port Laguerre, ONTRN Noumea, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, NVAR Mina Array Bea, TORDI Torodi Ar, LPAZ La Paz.

ISK 11 12:22:09.0, 40.60N;34.83E, h5km, MD3.1, ISCJB 11 12:22:10.4, 0.5, 40.60N;0.03;34.85E;0.04, h5km, 4km, Error ellipse: s-maj=6.0km s-min=4.4km az=154.5, CSEM 11 12:22:10.4, 0.2, 40.61N;34.83E, h2km, MD3.1, Error ellipse: s-maj=5.3km s-min=4.5km az=67.0, DDA 11 12:22:10.1, 40.57N;34.80E, h8km, MD3.1, ISC 11 12:22:10.8, 0.5, 40.60N;0.03;34.83E;0.04, h4km, 4km, n38, c096/50, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CTKT Corum, CTKT Corum, CTKT Corum, TOS Tosya.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TOS Tosya, BYBT Boyabat, YOZ Yozgat, CDAG Cicekdag, KVT Kavak, ELDT Eldivan, DIKM Dikmen, BALK Balk, BALT Daday, ERBA Erbaa, ERBA Erbaa, BZK Bozkurt, BZK Bozkurt, KAMT Kaman, SAFT Safiranbolu, SAFT Safiranbolu, SVSK Karacayir, SVSK Karacayir, BNN Bunyan, BNN Bunyan, SGKT Sivrigonyuk, SGKT Sivrigonyuk, SARI SARDiz-Kayseri, SARI SARDiz-Kayseri, SULT Sultanhani-AKS, SULT Sultanhani-AKS, LADK Ladik-Konya, LADK Ladik-Konya.

BUI 11 12:26:50.8, 16.20N;145.20E, h10km, MB4.9/2, mb4.7/7, ISCJB 11 12:26:51.4, 0.7, 16.22N;0.04;145.1E;0.2, h10km, mb4.2/18, MS3.3/5, Error ellipse: s-maj=22.3km s-min=6.3km az=175.9, IDC 11 12:26:51.2, 0.7, 16.22N;145.08E, h0km, mb4.0/12, mb1 4.2/13, mb1mx4.0/22, mbtmp4.0/13, ML3.6/1, MS3.4/6, Ms1 3.5/6, ms1mx3.0/26, Error ellipse: s-maj=28.1km s-min=15.6km az=83.0, NEIC 11 12:26:52.9, 1.2, 16.19N;145.15E, h10km, mb4.5/3, Error ellipse: s-maj=46.7km s-min=9.3km az=79.0, ISC 11 12:26:52.9, 0.7, 16.22N;0.04;145.2E;0.2, h10km, n30, c071/24, mb4.2/18, MS3.3/5, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, JOW Kunigami, MJAR Matsushiro Arr, DVAO Davao City (W), KSRS Korea Array, CTA Charters Tower, WRA Warramunga Arr, ASAR Alice Springs, LZH Lanzhou.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LZH Lanzhou, CMAR Chiang Mai Arr, SONM Songoing Array, GTA Goatol, STKA Stephens Creek, ZAAO Zalesovo Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, MK31 Makanchi Array, MKAR Makanchi Array, KURK Kurchatov, AML Almayashu, BRVK Borovoye, ABKAR Abkutak array, YKA Yellowknife Ar, ARCES ARCES Array B, NVAR Mina Array Bea, FINES FINES Array B, NOA NORARS Array B, TORDI Torodi Ar, LPAZ La Paz.

DDA 11 12:41:37.6, 39.25N;34.01E, h7km, 7km, MD2.9, ISCJB 11 12:41:38.1, 0.9, 39.25N;0.05;34.08E;0.04, h6km, 7km, Error ellipse: s-maj=8.5km s-min=5.6km az=167.7, CSEM 11 12:41:38.1, 0.9, 39.22N;34.07E, h2km, MD2.9, Error ellipse: s-maj=4.4km s-min=2.9km az=158.0, ISK 11 12:41:38.4, 39.38N;33.99E, h25km, MD2.6, ISC 11 12:41:38.3;1.1, 39.24N;0.06;34.06E;0.04, h2km, 10km, n16, c048/28, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAMT Kaman, KAMT Kaman, CDAG Cicekdag, CDAG Cicekdag, BBAL Bala, BBAL Bala, BBAL Bala, YOZ Yozgat, YOZ Yozgat, YOZ Yozgat, YOZ Yozgat.

KAMT Kaman, KAMT Kaman, KAMT Kaman, CDAG Cicekdag, CDAG Cicekdag, BBAL Bala, BBAL Bala, BBAL Bala, YOZ Yozgat, YOZ Yozgat, YOZ Yozgat, YOZ Yozgat.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAMT Kaman, KAMT Kaman, CDAG Cicekdag, CDAG Cicekdag, BBAL Bala, BBAL Bala, BBAL Bala, YOZ Yozgat, YOZ Yozgat, YOZ Yozgat, YOZ Yozgat.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SULT Sultanhani-AKS, SULT Sultanhani-AKS, ELDT Eldivan, ELDT Eldivan, CTCT Corum, CTCT Corum, KDHN Kadinhani, KDHN Kadinhani, KDHN Kadinhani.

IDC 11 12:47:55.9;1.7, 1.15N;28.13W, h0km, mb4.0/4, mb1 4.1/4, mb1mx3.6/23, mbtmp4.0/4, MS3.5/5, MS1 3.6/5, ms1mx3.1/24, Error ellipse: s-maj=135.6km s-min=21.6km az=154.0, ISCJB 11 12:47:56.1;1.4, 0.7N;0.7;28.0W;0.4, h10km, mb3.8/4, MS3.5/5, Error ellipse: s-maj=114.6km s-min=15.4km az=152.0, NEIC 11 12:47:57.5;1.4, 0.77N;28.01W, h10km, Error ellipse: s-maj=106.0km s-min=14.1km az=151.0, ISC 11 12:47:57.9;1.4, 0.5N;0.7;27.9W;0.4, h10km, n8, c192/75, mb3.8/4, MS3.5/5, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RCBR Riachuelo, DBIC Dimokro, TORD Torodi Ar, TORD Torodi Ar, CPUP Villa Florida, CPUP Villa Florida, LPAZ La Paz, LPAZ La Paz, PLCA Paso Flores, AKTO Aktyubinsk, ASAR Alice Springs.

IDC 11 13:02:11.0;58.0, 16.67S;178.45W, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.7/16, mbtmp4.0/3, Error ellipse: s-maj=1069.0km s-min=164.1km az=77.0, Fiji Islands region

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

NEIC 11 13:04:38.8, 22.53S;66.76W, h276km, mb3.6/2, After GUC, GUC 11 13:04:38.8;0.6, 22.53S;66.76W, h276km, 12km, ML4.5, 3C-30, Jujuj Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, PB04 Plate Boundary, PB04 Plate Boundary, PB01 Plate Boundary, ANCH Antofagasta, ANCH Antofagasta, MNMC Micae Micae, MNMC Micae Micae, LPAZ La Paz, LPAZ La Paz, LCO Las Campanas, LCO Las Campanas, TROA Torquai.

IDC 11 13:13:29.5;7.3, 30.68S;177.98W, h0km, mb5.5/2, mb1 5.2/3, mb1mx3.6/15, mbtmp3.5/2, Error ellipse: s-maj=304.8km s-min=58.4km az=156.0, Kermadec Islands

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

KRSC 11 13:19:56.5;0.0, 52.16N;159.35E, h30km, 30km, ML3.7, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RUS Russkaya, RUS Russkaya, GRL Gorelyy, GRL Gorelyy, PET Petropavlovsk, PET Petropavlovsk, NLC Nalytchevo, NLC Nalytchevo, SLP Mys Shipunski, SLP Mys Shipunski, SPN Avacha, SPN Avacha, MIPR Malaya Ipe'lka, MIPR Malaya Ipe'lka, GNL Ganaly, GNL Ganaly, MKZ Mys Kozlova, MKZ Mys Kozlova, TUMR Tumrok, TUMR Tumrok, KMNR Kamnetyaga, KMNR Kamnetyaga, KBTR Krutoberegova, KBTR Krutoberegova.

JMA 11 13:43:54.1;0.3, 44.50N;148.49E, h92km, M3.6, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEM2 Nemuro 2, NEM2 Nemuro 2, JAK Nakash, JAK Akkeshi, JTKR Abashiri-Toko, JTKR Abashiri-Toko, JAR Ashorobuto, JAR Ashorobuto.

Table with columns: JCH, Churui, 4.18 245 P, Pn, 13 44 56.7, +1.2, etc.

DJA 11 13:45:31, 0.90Sx127.00E, h17km, MLV3.6/10, Southern Molucca Sea

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

DJA 11 14:10:08, 5.15N-96.84E, h133km, MLV3.3/4, 1D, Northern Sumatra

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

DJA 11 14:19:48, 1.93Sx125.85E, h30km, MLV3.5/5, Southern Molucca Sea

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

ISK 11 14:57:44.9, 37.68N-26.62E, h6km, MD3.1
DDA 11 14:57:47.0, 37.72N-26.89E, h6km, MD2.9
ATH 11 14:57:47.7, 37.73N-26.86E, h15km, MD3.5/5
CSEM 11 14:57:48.1, 0.2, 37.73N-26.93E, h5km, MD3.5, Error ellipse: s-maj=5.6km s-min=3.8km az=71.0

ISC 11 14:57:48.0, 4.0, 37.74N-0.03, 26.94E, 0.04, h6km, 4km, n40, c082/53, 1D, Dodecanese Islands

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

BUI 11 15:01:40.0, 2.80Nx127.90E, h30km, mB4.8/6, mB4.6/8
IDC 11 15:01:46.9, 2.8, 127.86E, h79km, 27km, mb3.9/15, mb1.4/1.7, mb1mx0.22, mbtmp4.0/1.7, MS2.9/1, Ms1.2/9.1, ms1mx1.6/26, Error ellipse: s-maj=29.6km s-min=11.4km az=79.0

NEIC 11 15:01:47.0, 1.0, 2.84N, 127.89E, h81km, 9km, mb4.4/18, Error ellipse: s-maj=9.4km s-min=5.7km az=77.4

ISCJB 11 15:01:49.4, 0.7, 2.77N-0.03, 127.83E, 0.05, 0.5, h19km, 6km, mb4.3/37, Error ellipse: s-maj=8.1km s-min=5.1km az=165.2

DJA 11 15:01:54.2, 60N-127.72E, h135km, mb4.7/20

ISC 11 15:01:50.4, 0.6, 2.77N-0.03, 127.86E, 0.05, h113km, 6km, h18km, 8.3km, pP, n88, e1911/95, mb4.3/36, 4C-2D, Northern Molucca Sea

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

Table with columns: MNI, Labuha, 3.40 186, S, Sn, 15 03 18.3, -0.6, etc.

DVA Davao City (W) 4.84 332 P Pn 15 02 56.9 -4.3

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

DVA Davao City (W) 4.84 332 P Pn 15 02 56.9 -4.3

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

DVA Davao City (W) 4.84 332 P Pn 15 02 56.9 -4.3

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

DVA Davao City (W) 4.84 332 P Pn 15 02 56.9 -4.3

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

DVA Davao City (W) 4.84 332 P Pn 15 02 56.9 -4.3

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

DVA Davao City (W) 4.84 332 P Pn 15 02 56.9 -4.3

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

DVA Davao City (W) 4.84 332 P Pn 15 02 56.9 -4.3

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DVA Davao City (W) 4.84 332 P Pn 15 02 56.9 -4.3

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

DVA Davao City (W) 4.84 332 P Pn 15 02 56.9 -4.3

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

DVA Davao City (W) 4.84 332 P Pn 15 02 56.9 -4.3

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

Table with columns: ARCES ARCESS Array B 91.73 340 P P 15 15 45.2 +0.3

FINES FINES Array B 93.21 332 P P 15 14 52.4 +0.5

YKA comp=2.1, 0.9m, 0.9s, mb4.1, baz=97, slow=4.5, SNR=3.4 Pdf 15 15 22.2 0.0

IDC 11 15:09:41.3, 2.0, 2.76N, 127.57E, h0km, mb3.5/4, mb1.3/7.4, mb1mx3.4/16, mbtmp3.5/4, Error ellipse: s-maj=146.2km s-min=25.0km az=66.0

ISCJB 11 15:09:54.9, 1.0, 2.77N-0.07, 127.62E, 0.09, h14km, 11km, mb3.4/4, Error ellipse: s-maj=14.7km s-min=11.2km az=164.7

DJA 11 15:09:57.2, 89N-127.61E, h90km, MLV4.4/7

ISC 11 15:09:55.1, 0.2, 2.75N-0.07, 127.68E, 0.10, h127km, 12km, n13, c092/16, mb3.5/4, Northern Molucca Sea

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

DDA 11 15:21:52.3, 37.76N-26.97E, h7km, 5km, MD3.0

ISK 11 15:21:52.0, 37.75N-26.85E, h14km, MD2.9

ISCJB 11 15:21:53.1, 0.5, 37.74N-0.03, 26.97E, 0.04, h4km, 5km, Error ellipse: s-maj=5.6km s-min=4.0km az=152.7

CSEM 11 15:21:53.2, 0.2, 37.73N-26.94E, h10km, MD3.3, Error ellipse: s-maj=6.6km s-min=4.6km az=69.0

ATH 11 15:21:54.5, 37.76N-26.82E, h5km, MD3.3/3

ISC 11 15:21:53.4, 0.5, 37.74N-0.03, 26.94E, 0.05, h7km, 4km, n32, c097/46, 1D, Dodecanese Islands

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

SMG Samos 0.09 253 eP Pn 15 21 55.4 -0.1

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

SMG Samos 0.09 253 eP Pn 15 21 57.3 +0.3

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

SMG Samos 0.09 253 eP Pn 15 21 57.3 +0.3

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

SMG Samos 0.09 253 eP Pn 15 21 57.3 +0.3

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

SMG Samos 0.09 253 eP Pn 15 21 57.3 +0.3

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

SMG Samos 0.09 253 eP Pn 15 21 57.3 +0.3

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

SMG Samos 0.09 253 eP Pn 15 21 57.3 +0.3

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

SMG Samos 0.09 253 eP Pn 15 21 57.3 +0.3

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

IBSN	Ibbenburen	144.92 340	ePKPbC	PKPdf	16 55 29.9	-1.1
CONA	Conrad Observa	144.96 328	l/PKPBc	PKPdf	16 55 31.0	-0.2
CSNA	Conrad Observa	144.96 328	l/PKPBc	PKPdf	16 55 30.9	-0.3
GRG	Griva	144.98 311	eP	PKPdf	16 55 31.6	+0.2
DIVS	Divibare	145.00 320	eP	PKPdf	16 55 30.5	-0.9
PTL	Penteli	145.07 308	eP	PKPdf	16 55 30.0	-1.7
NEO	Neokhori	145.08 310	eP	PKPdf	16 55 30.2	-0.8
XOR	Xorichti	145.08 310	eP	PKPdf	16 55 29.3	-2.4
XOR	Xorichti	145.08 310	eP	PKPdf	16 55 29.3	-2.4
GCD	Castle Douglas	145.13 353	eP	PKPBc	16 55 30.8	-0.1
SKO	Skojpe	145.16 316	eP	PKPdf	16 55 32.3	+0.5
SKO	Skojpe	145.16 316	eP	PKPdf	16 55 30.3	-1.4
ATHU	Atchens Unvers	145.16 308	eP	PKPBc	16 55 31.8	+0.3
VLY	Voula, Athens	145.19 308	eP	PKPdf	16 55 30.7	-0.2
KHC	Kasperske Hory	145.20 331	ePKIKP	e	16 55 30.0	-0.8
KHC	Kasperske Hory	145.20 331	ePKIKP	e	16 55 41.9	
KHC	Kasperske Hory	145.20 331	ePKIKP	e	16 55 30.7	-0.8
KHC	Kasperske Hory	145.20 331	ePKIKP	e	16 55 34.5	
KHC	Kasperske Hory	145.20 331	ePKIKP	e	16 55 41.9	-4.9
KHC	Kasperske Hory	145.20 331	ePKIKP	e	17 58 50.0	
ATH	Atchens Unvers	145.21 308	eP	PKPdf	16 55 30.5	-1.4
ATH	Atchens Unvers	145.21 308	eP	PKPBc	16 55 31.8	+0.1
GALI	Gallatou	145.21 354	eP	PKPBc	16 55 30.0	-1.1
LIT	Litokhoron	145.28 312	eP	PKPBc	16 55 30.3	-1.5
ROTZ	Rottenmuhle	145.32 333	ePKPBc	PKPBc	16 55 32.2	+0.6
GEC2	GERESS Array S	145.35 331	ePKIKP	PKPdf	16 55 31.9	+0.1
GEC3	GERESS Array S	145.35 331	ePKIKP	PKPBc	16 55 31.9	+0.2
GEC3	GERESS Array S	145.35 331	ePKIKP	PKPBc	16 55 31.9	+0.2
GERES	GERESS Array B	145.35 331	ePKPBc	PKPBc	16 55 30.1	-1.6
UBBA	Unterbreizbach	145.38 336	ePKPBc	PKPBc	16 55 31.8	0.0
XDE	Dent Fell	145.43 352	eP	PKPBc	16 55 39.9	-0.5
NAIG	Nissos Atina	145.46 306	eP	PKPBc	16 55 30.0	-0.5
ATAL	Atalanis	145.46 309	eP	PKPBc	16 55 30.2	-2.1
LKR	Lokris	145.49 309	eP	PKPdf	16 55 33.0	+0.6
LKR	Lokris	145.49 309	eP	PKPdf	16 55 30.6	-1.8
WET	Wetzell	145.50 332	ePKIKP	PKPBc	16 55 32.7	+0.5
WET	Wetzell	145.50 332	ePKIKP	PKPBc	16 55 32.7	+0.5
WTSB	Winterswijk	145.52 340	ePKP	PKPdf	16 55 31.7	-0.3
KRUS	Krusevo	145.57 315	ePKP	PKPdf	16 55 31.9	-0.6
ARSA	Arzberg	145.59 327	l/PKPBc	PKPBc	16 55 32.4	-0.1
VAM	Vamos	145.65 303	eP	PKIKP	16 55 47.5	+1.1
BIA	Bitola	145.68 314	ePKP	PKPdf	16 55 33.5	+0.8
HPK	Haverah Park	145.69 350	eP	PKPdf	16 55 30.9	-1.3
KZN	Kozani	145.69 313	eP	PKPdf	16 55 30.1	-0.6
KZN	Kozani	145.69 313	eP	PKPdf	16 55 30.1	-2.6
DID	Didima	145.73 307	eP	PKPdf	16 55 33.5	+0.7
DID	Didima	145.73 307	eP	PKPdf	16 55 31.3	-1.5
KOGS	Kog	145.74 326	ePKPdf	PKPdf	16 55 31.9	-0.6
LTK	Loutraki	145.75 308	eP	PKPdf	16 55 32.0	-0.9
LTK	Loutraki	145.75 308	eP	PKPdf	16 55 30.0	-2.9
GIM	North Isle of	145.75 353	eP	PKPdf	16 55 32.1	-0.2
FNA	Florida	145.75 314	eP	PKPdf	16 55 31.9	-0.9
GRA1	Grabenberg Arr	145.79 334	ePKPBc	ePKPBc	16 55 33.7	+0.6
GRA1	Grabenberg Arr	145.79 334	ePKPBc	ePKPBc	16 55 44.1	-4.0
GRA1	Grabenberg Arr	145.79 334	ePKPBc	ePKPBc	16 55 33.7	+0.2
GRF	Grabenberg Arr	145.79 334	ePKPBc	ePKPBc	16 55 33.7	+0.6
GRF	Grabenberg Arr	145.79 334	ePKPBc	ePKPBc	16 55 44.1	-4.0
GRF	Grabenberg Arr	145.79 334	ePKPBc	ePKPBc	16 55 33.7	+0.6
GRF	Grabenberg Arr	145.79 334	ePKPBc	ePKPBc	16 55 44.1	-4.0
MOA	Mollin	145.79 329	l/PKPBc	PKPdf	16 55 33.2	+0.6
BUG	Bochum-Univer	145.82 340	ePKPBc	PKPBc	16 55 32.8	-0.3
AGG	Agios Georgios	145.83 310	eP	PKPdf	16 55 29.8	-3.2
THL	Thessaloniki	145.84 311	eP	PKPdf	16 55 33.5	+0.5
THL	Thessaloniki	145.84 311	eP	PKPdf	16 55 31.0	-2.0
KARN	Karantoni	145.84 311	eP	PKPdf	16 55 30.5	-1.9
GVD	Gavdhos	145.90 302	eP	PKPdf	16 55 35.0	+1.8
GVD	Gavdhos	145.90 302	eP	PKPdf	16 55 32.4	-0.8
GMM	Mts of Mourne	145.95 355	eP	PKPdf	16 55 32.1	-0.5
OHR	Ohrdrif	145.99 315	eP	PKPdf	16 55 33.0	-0.2
OHR	Ohrdrif	145.99 315	eP	PKPdf	16 55 32.9	-0.3
LHO	Holmfirth	146.12 350	eP	PKPdf	16 55 32.4	-0.9
LHO	Holmfirth	146.12 350	eP	PKPdf	16 55 32.4	-0.6
AW1I	Witton	146.17 346	eP	PKPdf	16 55 34.8	+1.7
ABA1	Baconsthorpe	146.19 347	eP	PKPdf	16 55 34.5	+1.4
PERS	Pernice	146.21 327	ePKPdf	PKPdf	16 55 34.5	+1.1
KALE	Kalitha	146.21 309	eP	PKPdf	16 55 32.5	-1.1
SOKA	Soboth	146.22 327	l/PKPBc	PKPdf	16 55 33.9	+0.5
VLI	Veliai	146.22 306	eP	PKPBc	16 55 35.5	+0.7
GUR	Goura	146.24 309	eP	PKPdf	16 55 34.5	+0.8
EVY	Evritynia	146.25 310	eP	PKPBc	16 55 39.0	+4.2
MEV	Metsnov	146.29 312	eP	PKPBc	16 55 36.0	+1.1
MEV	Metsnov	146.29 312	eP	PKPBc	16 55 36.0	+1.1
SISC	Sisak	146.30 324	eP	PKPBc	16 55 36.6	+1.9
SISC	Sisak	146.30 324	eP	PKPBc	16 55 36.6	+1.9
KB1I	Birley Grange	146.35 350	eP	PKPdf	16 55 33.5	+0.2
DMJB	Kingscourt	146.36 356	l/PKPBc	PKPdf	16 55 32.7	-0.7
EFIP	Egipalio	146.37 310	eP	PKPBc	16 55 37.0	+1.8
LAKA	Lakka	146.39 309	eP	PKPBc	16 55 35.0	-0.3
VLX	Vlachokerasia	146.42 308	eP	PKPBc	16 55 35.5	+0.1
AEU	East Anglia Un	146.42 346	eP	PKPBc	16 55 34.7	-0.1
TNS	Taunus Mts	146.44 337	ePKPBc	PKPBc	16 55 35.3	+0.3
TNS	Taunus Mts	146.44 337	ePKPBc	PKPBc	16 55 35.3	+0.3
TNS	Taunus Mts	146.44 337	ePKPBc	PKPBc	16 55 35.3	+0.3
JAN	Janina	146.61 312	eP	PKPBc	16 55 38.0	+1.0
STNC	Stoke	146.62 350	eP	PKPBc	16 55 35.4	+0.0
KWC	Weaver Farm	146.63 350	eP	PKPdf	16 55 33.8	0.0
KBA	Koelbrennsper	146.78 329	l/PKPBc	PKPdf	16 55 34.7	+0.4
TOD	Tromm	146.81 336	ePKP	PKPBc	16 55 36.5	+0.4
ITM	Ithomi	146.82 307	eP	PKPBc	16 55 37.5	+0.9
ITM	Ithomi	146.82 307	eP	PKPBc	16 55 37.6	+1.0
RLS	Rilos of Patr	146.83 309	eP	PKPBc	16 55 38.5	+1.9
HGN	Heimannsseeve	146.84 340	ePKP	PKPBc	16 55 36.1	+0.0
BOJU	Bojanci	146.88 325	ePKPBc	PKPBc	16 55 35.6	-0.9
LJUS	Ljubljana	146.91 327	ePKPdf	PKPdf	16 55 35.4	+0.8
DLF	Lyons Farm	146.94 355	eP	PKPdf	16 55 34.8	+0.2
FUR	Furstenfeldbru	146.94 332	ePKPBc	PKPBc	16 55 36.8	+0.3
FUR	Furstenfeldbru	146.94 332	ePKPBc	PKPBc	16 55 36.8	+0.3
FUR	Furstenfeldbru	146.94 332	ePKPBc	PKPBc	16 55 36.8	+0.3
MEM	Membach	146.94 340	ePKPBc	PKPBc	16 55 36.0	-0.4
MYKA	Terra Mystica	146.95 328	l/PKPBc	PKPdf	16 55 35.5	+0.9
DSB	Dout	146.97 355	ePKPdf	PKPdf	16 55 34.5	+0.1
ABH	Alteburg	147.04 338	eP	PKPBc	16 55 37.4	+0.6
PYL	Pyllos	147.06 307	eP	PKPBc	16 55 38.0	+0.7
PYL	Pyllos	147.06 307	eP	PKPdf	16 55 35.7	+0.6
STON	Ston	147.07 319	eP	PKPdf	16 55 35.6	+0.7
STON	Ston	147.07 319	eP	PKPdf	16 55 34.7	+0.7
VOY	Vojsko	147.24 327	ePKPdf	PKPdf	16 55 35.4	+0.3
VOY	Vojsko	147.24 327	ePKPdf	PKPdf	16 55 38.4	
PTCC	Patocco-Chiusa	147.25 328	ePKP	PKPBc	16 55 38.5	+1.0
UCC	Uccle	147.28 342	ePKPBc	PKPBc	16 55 37.5	+0.0
KEK	Kerkira	147.31 313	eP	PKPBc	16 55 39.1	+1.6
KEK	Kerkira	147.31 313	eP	PKPBc	16 55 39.6	+1.7
KTD	Kalamit	147.31 337	ePKP	PKPBc	16 55 38.0	+0.5
BCLA	Clavier	147.33 341	ePKPBc	PKPBc	16 55 37.5	0.0
STU	Stuttgart	147.33 335	ePKPBc	PKPBc	16 55 38.0	+0.4
STU	Stuttgart	147.33 335	ePKPBc	PKPBc	16 55 38.0	+0.4
STU	Stuttgart	147.33 335	ePKPBc	PKPBc	16 55 38.0	+0.4
ABTA	Abfalfersbach	147.42 329	l/PKPBc	PKPdf	16 55 35.4	0.0
VLS	Valsamata	147.42 310	eP	PKPdf	16 55 35.0	-0.7
VLS	Valsamata	147.42 310	eP	PKPdf	16 55 33.8	-1.9
WATA	Walderalm	147.45 331	l/PKPBc	PKPdf	16 55 36.2	+0.8
WTTA	Wattenberg	147.45 331	l/PKPBc	PKPdf	16 55 36.4	+1.0
TRF	Trieste	147.56 327	ePKPBc	PKPBc	16 55 37.1	-1.1
SNI	Senefelle	147.58 342	ePKPBc	PKPBc	16 55 38.4	+0.2
MOTA	Moosalm	147.63 331	l/PKPBc	PKPdf	16 55 36.8	+1.1
RETA	Reutte	147.69 332	l/PKPBc	PKPBc	16 55 38.1	-0.5
NVLJ	Novolja	147.69 324	eP	PKPdf	16 55 36.6	+0.7

NVLJ	Novolja	147.69 324	eP	PKPdf	16 55 36.6	+0.7
LWF	Langenberg	147.70 337	ePKP	PKPBc	16 55 39.1	+0.5
LWF	Langenberg	147.71 339	ePKPBc	PKPBc	16 55 39.8	+1.2
WLF	Walfenberg	147.71 339	ePKPBc	PKPBc	16 55 38.3	-0.3
WLF	Walfenberg	147.71 339	ePKPBc	PKPBc	16 55 39.1	+0.5
WLF	Walfenberg	147.71 339	ePKPBc	PKPBc	16 55 38.9	-0.3
GIVF	Givet	147.76 341	ePKP1	PKPBc	16 55 37.4	-1.3
HTR	Trewhin Hill	147.76 351	eP	PKPBc	16 55 38.5	-0.2
MCH1	Michaelchurch	147.80 351	eP	PKPdf	16 55 36.8	+1.0
BAIF	Baif	147.84 341	ePKPBc	PKPBc	16 55 38.2	-0.2
BAIF	Baif	147.84 341	ePKP1	PKPBc	16 55 38.2	-1.1
BFO	Black Forest	148.03 335	ePKPBc	PKPBc	16 55 39.3	-0.2
BFO	Black Forest	148.03 335	ePKPBc	PKPBc	16 55 39.3	-0.2
SPK	Spaichingen-Ko	148.03 335	ePKP	PKPBc	16 55 39.7	+0.2
STR	Strasbourg	148.04 336	ePKP	PKPBc	16 55 40.2	+0.7
FEITN	Feichten	148.04 331	l/PKPBc	PKPBc	16 55 39.0	-0.6
SWIN	Swindon	148.07 349	eP	PKPBc	16 55 38.5	-1.0
MENF	Mencas	148.11 344	ePKP	PKPBc	16 55 41.7	-0.8
HGH	Gray Hill	148.12 350	eP	PKPBc	16 55 37.9	-1.7
WOL	Wolverton	148.16 348	eP	PKPBc	16 55 39.2	-0.5
DAVA	Damuels	148.22 338	l/PKPBc	PKPBc	16 55 39.7	-0.3
CTI	Castel Tesino	148.22 339	ePKP	PKPBc	16 55 40.7	+0.6
API	Castel Tesino	148.24 329	ePKP2	PKPBc	16 55 40.3	-0.1
CHD	Champ du Feu	148.25 336	ePKP1	PKPBc	16 55 39.8	-1.5
FELD	Feldberg im Sc	148.33 335	ePKP	PKPBc	16 55 41.6	+0.8
ECH	Echternach	148.37 336	ePKP	PKPBc	16 55 40.3	-0.3
MABI	Malga Bissina	148.37 330	ePKP	PKPBc	16 55 41.1	-0.7
MOK	Molkenrain	148.38 336	ePKP	PKPBc	16 55 41.6	-0.1
THEF	Thief Montfort	148.39 338	ePKP	PKPBc	16 55 42.6	+0.6
HNGF	Hinterfall	149.02 336	ePKP1	PKPBc	16 55 40.6	-1.5
RIGN	Rignano Grg	149.04 319	ePKP	PKPBc	16 55 41.8	-0.5
HAU	Haudompre	149.05 337	ePKP1	PKPBc	16 55 40.7	-1.4
HAU	Haud					

Table with columns: NOUC, Port Laguerre, 2.75 225 eP, Pn, 16 50 59.4 +0.2, etc.

JMA 11 17:02:58.8-0.8, 47:38N; 153:84E, h30km, M4.8

SKHL 11 17:03:01.2, 47:04N; 153:50E, h33km, mb5.0, Kuril Islands, Russia

MOS 11 17:03:02.6-0.9, 47:34N; 153:07E, h52km, mb4.8/5.1, Error ellipse: s-maj=9.0km s-min=5.7km az=88.2

ISCBJ 11 17:03:03.6-0.1, 47:35N; 03:153:08E; 0.03, h58km, mb4.7/142, MS4.8/7, Error ellipse: s-maj=5.3km s-min=2.0km az=157.6

BUI 11 17:03:03.0, 47:56N; 153:05E, h50km, mb5.0/19, mb4.6/34, MS4.8/17, MS7.4/6/17

NEIC 11 17:03:04.6-0.7, 47:36N; 153:08E, h54km; 6km, mb4.8/104, Error ellipse: s-maj=5.9km s-min=2.9km az=162.0

IDC 11 17:03:05.2-0.4, 47:36N; 153:02E, h60km; 3km, mb4.0/23, mb4.1/4.2/25, mb1.1mx4.2/23, mb1.4/0.25, Error ellipse: s-maj=14.0km s-min=9.7km az=137.0

ISC 11 17:03:05.9-0.1, 47:41N; 03:153:02E; 0.03, h60km, h60km, 6km; p-P, n543, o578/558, mb4.7/142, 116C-137D, Kuril Islands

Main table for 11d 17h with columns: Code, Station Name, Az, Phase ID, Time Res, etc.

Table with columns: KLR, Kul'dur, 14.27 285 eP, Pn, 17 06 26.2 +1.7, etc.

MAJO Matsuhiro 15.44 231 eP, Pn, 17 06 37.2 -2.7

MAJO Matsuhiro 15.44 231 ePn, Pn, 17 06 37.2 -2.7

MAJO Matsuhiro 15.44 231 eP, Pn, 17 06 44.1 +2.9

SEY Meycham 15.56 359 eP, Pn, 17 06 49.9 -3.3

MDJ Mudanjiang 16.50 269 pP, Pn, 17 07 03.6 -4.1

MDJ Mudanjiang 16.50 269 ePn, Pn, 17 06 50.6 -2.6

ZEA Chul'man 17.49 301 eP, Pn, 17 07 04.7 +0.7

CLNS Chul'man 19.55 309 eP, Pn, 17 07 41.4 +0.1

CLNS Changchun 19.58 270 eP, Pn, 17 07 27.9 -2.7

YAK Yakutsk 19.73 326 eP, Pn, 17 07 32.7 +0.5

YAK Yakutsk 19.73 326 eP, Pn, 17 07 30.8 -1.4

KSRs Korea Array 20.95 251 P, Pmax, 17 07 44.9 +1.3

KSRs Korea Array 20.95 251 P, Pmax, 17 07 44.9 +1.3

BILL Biibino 21.76 13 eP, Pmax, 17 07 52.2 +0.2

BILL Biibino 21.76 13 eP, Pmax, 17 07 49.8 -2.2

HIA Hailar 22.10 287 P, Pmax, 17 07 56.7 +0.8

HIA Hailar 22.10 287 Pn, Pmax, 17 07 56.7 +0.8

GAMB Gambell 25.32 37 eP, Pmax, 17 08 26.1 -0.5

BOD Bodaibo 25.52 309 eP, Pmax, 17 08 27.6 -0.8

TNA Tin City 27.52 35 eP, Pmax, 17 08 45.6 -0.7

HHC Hu-ho-hao-te 30.19 273 eP, Pmax, 17 09 10.1 -0.2

HHC Hu-ho-hao-te 30.19 273 eP, Pmax, 17 09 10.1 -0.2

ULN Ulaanbaatar 30.63 288 eP, Pmax, 17 09 12.2 -1.9

ULN Ulaanbaatar 30.63 288 eP, Pmax, 17 09 12.2 -1.9

SOMM Songino Array 31.06 288 eP, Pmax, 17 09 16.6 -1.3

SOMM Songino Array 31.06 288 eP, Pmax, 17 09 16.6 -1.3

SOMM Songino Array 31.06 288 eP, Pmax, 17 09 16.6 -1.3

PPLA Puzkylie 33.71 42 eP, Pmax, 17 09 41.4 +0.5

KDAK Kodiak Island 33.74 52 P, Pmax, 17 09 39.7 -1.5

KDAK Kodiak Island 33.74 52 P, Pmax, 17 09 39.7 -1.5

WHN Wuhan 34.04 254 P, Pmax, 17 09 49.4 +5.2

KTH Kantishna Hill 34.30 41 eP, Pmax, 17 09 46.1 +0.1

TRF Thorfare Moun 34.58 41 eP, Pmax, 17 09 47.9 -0.5

MCK McKinley 35.19 41 eP, Pmax, 17 09 52.8 -0.8

MCK McKinley 35.19 41 eP, Pmax, 17 09 52.8 -0.8

QZH Quanzhou 35.28 243 P, Pmax, 17 09 56.4 +1.6

XAN Xi'an 35.52 264 pP, Pmax, 17 09 57.0 +0.2

COLA College 35.66 39 eP, Pmax, 17 09 56.5 -1.2

COLA College 35.66 39 eP, Pmax, 17 09 56.5 -1.2

ENH Enshih 37.43 259 eP, Pmax, 17 10 12.1 -1.0

LZH Lanzhou 38.17 271 eP, Pmax, 17 10 15.5 -0.8

LZH Lanzhou 38.17 271 eP, Pmax, 17 10 15.5 -0.8

EAG Eagle 38.52 39 eP, Pmax, 17 10 20.8 -1.1

Table with columns: CD2, Chengdu, 40.88 264 fP, P, 17 10 42.4 +0.5, etc.

INUK Inuvik 41.13 33 eP, Pmax, 17 10 43.6 +0.1

INUK Inuvik 41.13 33 eP, Pmax, 17 10 43.6 +0.1

INUK Inuvik 41.13 33 eP, Pmax, 17 10 43.6 +0.1

INUK Inuvik 41.13 33 eP, Pmax, 17 10 43.6 +0.1

INUK Inuvik 41.13 33 eP, Pmax, 17 10 43.6 +0.1

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INUK Inuvik 41.13 33 eP, Pmax, 17 10 43.6 +0.1

INUK Inuvik 41.13 33 eP, Pmax, 17 10 43.6 +0.1

INUK Inuvik 41.13 33 eP, Pmax, 17 10 43.6 +0.1

HOOD	Mount Hood Mea	56.00	58	eP	P	17 12 38.1 +0.1
HOOD		comp=Z,2.2nm,1.2s,mb5.1				
DANN	Dangsing	56.04	276	e	pP	17 12 53.3 -0.5
DANN		comp=Z,1.8nm,0.5s,mb4.4				17 12 39.7 +1.2
C08A	Higginbotham F	56.05	54	↑P	P	17 12 38.7 +0.4
H04A	Detroit Lake	56.06	59	↑P	P	17 12 38.7 +0.3
A10A	Northport	56.17	52	↑P	P	17 12 39.4 +0.2
B09A	Rice	56.17	53	↓P	P	17 12 38.9 -0.2
OD2	Odessa Site #2	56.46	55	eP	P	17 12 39.8 -1.4
OD2		comp=Z,6.4nm,1.0s,mb4.6				
C09A	Chrisman Ranch	56.47	54	↓P	pP	17 12 55.2 -1.9
KEV	Kevo	56.70	340	eP	pmax	17 12 41.2 0.0
KEV		comp=Z,5.0nm,0.7s,mb4.7				17 12 40.9 -1.7
KEV	Kevo	56.70	340	eP	pmax	17 12 40.9 -1.7
KEV		comp=Z,4.5nm,0.7s,mb4.6				
APA	Apatity	56.70	336	↓P	pmax	17 12 41.0 -1.6
APA		comp=Z,10.0nm,1.0s,mb4.8				
APA				MLR	MLR	
NEW	Newport	56.82	53	eP	P	17 12 43.1 -0.7
NEW						17 12 59.1 -0.6
A11A	Hall Mountain,	56.83	52	↑P	P	17 12 44.4 +0.6
D09A	Jones Farm, Ri	56.88	55	↑P	P	17 12 44.7 +0.5
H06A	Lindquist Farm	57.10	58	↑P	P	17 12 45.5 -0.3
B11A	Sandpoint	57.13	52	↓P	P	17 12 46.3 +0.3
ARCES	ARCCESS Array B	57.21	341	P	pmax	17 12 46.5 +0.3
ARCES		comp=Z,2.0nm,0.8s				
ARCES	ARCCESS Array B	57.21	341	P	pmax	17 12 46.5 +0.3
ARCES		comp=Z,1.8nm,0.8s,mb2.2,baz=17,slo=7.2,SNR=12				
A12A	Yaak River Ran	57.22	52	↑P	P	17 12 46.9 +0.4
D10A	Wagner Farm, O	57.45	54	↑P	P	17 12 47.8 -0.4
YBH	Yreka Blue Hor	57.48	62	eP	pP	17 13 00.1 -4.4
G08A	Pilot Rock	57.56	57	↓P	P	17 12 49.0 0.0
LNOR	Linnton Mounta	57.59	56	P	pP	17 12 46.4 -2.8
LNOR		comp=Z,3.0nm,1.1s,mb4.2				17 13 04.7 -0.5
LNOR	Linnton Mounta	57.59	56	P	pP	17 12 46.4 -2.8
LNOR		comp=Z,2.6nm,1.1s,mb4.2				
LNOR						17 13 04.7 -0.5
ABKAR	Akbulak array	57.96	309	eP	P	17 12 50.0 -1.7
I07A	Izee	57.97	58	↓P	P	17 12 52.1 +0.3
K05A	Summer Lake	57.97	60	↑P	P	17 12 51.9 0.0
D11A	Klaveano Farm,	57.97	54	↑P	P	17 12 51.7 -0.2
C12B	Naegeli Ranch,	58.04	53	↑P	P	17 12 52.2 -0.2
WALA	Waterton Lakes	58.07	51	eP	P	17 12 52.1 -0.4
F10A	Beach Ranch, E	58.12	55	↓P	P	17 12 52.8 -0.2
H08A	Prairie City,	58.18	57	↑P	P	17 12 53.7 +0.4
B13A	Whitefish	58.19	52	↓P	P	17 12 53.3 -0.1
G09A	Cove	58.23	56	↓P	P	17 12 53.7 0.0
WDC	Whiskeytown Da	58.28	63	eP	pP	17 12 58.4 +4.3
WDC		comp=Z,6.0nm,0.9s,mb4.6				17 13 12.9 +2.8
WDC	Whiskeytown Da	58.28	63	eP	pmax	17 12 58.4 +4.3
WDC		comp=Z,5.5nm,0.9s,mb4.6				
WDC						17 13 12.9 +2.8
BSMT	Bassoo Peak	58.33	52	eP	P	17 12 54.2 -0.1
A14A	Double T Ranch	58.38	51	↓P	P	17 12 54.1 -0.6
E11A	Bogner Ranch,	58.46	54	↓P	P	17 12 55.2 -0.1
C13A	Hot Springs	58.55	52	↓P	P	17 12 55.9 0.0
G10A	Bishop Farm, J	58.59	56	↓P	P	17 12 56.3 +0.1
JTMT	Jette	58.66	52	eP	P	17 12 56.3 -0.4
JTMT		comp=Z,2.1nm,0.9s,mb4.2				
H09A	Durkee	58.67	57	↑P	pP	17 13 10.0 -2.7
A15A	Johnson Ranch,	58.73	50	↓P	P	17 12 57.0 +0.2
BMO	Blue Mountains	58.76	56	eP	P	17 12 56.3 -0.9
BMO		comp=Z,10nm,1.5s,mb4.6				
BMO						17 12 56.6 -0.7
F11A	Grangeville	58.77	55	eP	pP	17 13 12.2 -1.2
E12A	Beaver Dam Sad	58.77	54	↓P	P	17 12 57.1 -0.3
KSM	Kuching	58.83	232	eP	P	17 12 57.0 -0.4
SWMT	Swartz Lake	58.96	52	eP	P	17 12 58.8 +0.6
D13A	Huson	58.97	53	↑P	P	17 12 58.0 -0.7
J08A	Circle Bar Ran	59.00	58	↑P	P	17 12 58.5 -0.2
G11A	Walters Elk Ra	59.01	55	↑P	P	17 12 59.0 0.0
I09A	Lost Marbles R	59.05	57	↑P	P	17 12 59.0 -0.1
H10A	Noah's Angus R	59.23	56	↓P	P	17 12 59.0 +0.2
L07A	Adell	59.31	60	↓P	P	17 13 00.4 -0.2
A12A	West Butte Ran	59.34	50	↓P	P	17 13 01.5 +0.2
F16A	Elk City	59.35	54	↓P	P	17 13 00.6 -0.7
SLMT	Seeley Lake	59.42	50	eP	P	17 13 01.8 +0.4
SLMT		comp=Z,1.2nm,0.8s,mb5.0				
MSO	Missoula	59.43	51	eP	pP	17 13 01.5 -0.2
J09A	Fry Pan Ranch,	59.42	58	↓P	pP	17 13 15.6 -2.2
WVOR	Wild Horse Val	59.47	59	eP	P	17 13 17.3 -0.6
WVOR		comp=Z,3.0nm,0.8s,mb4.4				17 13 02.3 +0.3
WVOR						17 13 01.7 -0.6
WVOR						17 13 18.1 -0.3
WVOR						
D14A	Greenough	59.49	52	↑P	pP	17 13 01.7 -0.6
E13A	Victor	59.51	53	↑P	P	17 13 18.1 -0.2
C15A	Salmond Ranch,	59.54	51	↑P	P	17 13 02.4 -0.1
H11A	Donnell	59.58	56	↓P	P	17 13 03.2 +0.4
B16A	M & M Farms, S	59.62	50	↑P	P	17 13 02.9 -0.2
CHMT	Chamberlain Mo	59.73	52	eP	P	17 13 03.0 -0.3
CHMT		comp=Z,3.9nm,0.8s,mb4.5				
CHMT						17 13 03.6 -0.5
L08A	Fields	59.79	59	↑P	pP	17 13 20.0 -0.1
M07A	Soldier Meadow	59.80	60	↑P	P	17 13 04.6 +0.1
N06A	Buffalo Meadow	59.80	61	↓P	P	17 13 05.2 +0.5
F13A	Darby	59.84	54	↑P	P	17 13 04.7 0.0
E14A	Clinton	59.84	53	↓P	P	17 13 04.0 -0.3
C16A	Fuhringer Ranc	59.98	51	↑P	P	17 13 05.1 -0.2
C16A		comp=Z,6.0nm,1.1s,mb4.6				

SUMG	Summit	60.04	4	eP	P	17 13 05.9 +0.1
B17A	L&G Farms, Che	60.17	50	↑P	P	17 13 06.8 -0.2
FFC	Flin Flon	60.27	40	eP	pP	17 13 07.5 -0.1
FFC		comp=Z,1.1nm,0.7s,mb5.0				17 13 22.9 -0.8
FFC				pmax	pmax	
FFC						
K10A	MacKenzie Ranc	60.28	58	↓P	P	17 13 07.5 -0.1
H12A	Diamond D Ranc	60.32	55	↓P	P	17 13 22.9 -0.8
G13A	Cobalt	60.33	55	↓P	P	17 13 07.5 -0.1
F14A	Wisdom	60.35	53	↑P	P	17 13 08.1 0.0
E15A	Deer Lodge	60.36	53	↓P	P	17 13 07.8 -0.3
MFID	Camas Ranch	60.48	57	↓P	P	17 13 08.4 +0.1
D16A	Dana Ranch, Ca	60.56	51	↑P	P	17 13 08.1 -0.3
C17A	Wharram Farm,	60.60	51	↑P	P	17 13 09.4 +0.1
HRY	Holter Resear	60.62	52	eP	P	17 13 10.3 +0.6
HRY		comp=Z,8.9nm,0.7s,mb5.0				
B18A	Beardsley Farm	60.63	49	↑P	pP	17 13 10.0 0.0
I12A	Atlanta	60.64	56	↑P	P	17 13 10.2 0.0
H13A	Challis	60.65	55	↓P	P	17 13 26.4 +0.2
G14A	Jackson	60.66	54	↓P	P	17 13 10.5 +0.3
JOF	Joensuu	60.71	333	eP	pmax	17 13 10.4 +0.1
JOF		comp=Z,1.0nm,0.5s,mb4.2				
FFC	Fort Churchill	60.74	33	eP	P	17 13 10.4 +0.1
K11A	Parker Ranch,	60.77	58	↑P	P	17 13 09.8 -0.7
F15A	Butte	60.81	53	↓P	P	17 13 10.2 -0.6
E16A	East Helena	60.81	52	↓P	P	17 13 10.2 -0.6
LRM	Limekiln Ridge	60.84	53	↓P	P	17 13 10.2 -0.6
LRM		comp=Z,8.9nm,0.9s,mb5.9				
EGMT	Eagleton	60.88	50	↓P	pP	17 13 11.7 +0.3
D17A	Six Diamond Ra	60.95	51	↓P	P	17 13 11.9 +0.0
L10A	Juniper Basin	60.95	58	↑P	P	17 13 12.0 +0.1
H14A	Leadore	61.10	55	↓P	P	17 13 12.4 -0.1
I13A	Wildhorse Cree	61.13	56	↑P	P	17 13 12.4 -0.1
HLID	Hailey	61.19	56	eP	P	17 13 13.4 0.0
HLID		comp=Z,7.9nm,1.0s,mb4.8				
G15A	Dillon	61.24	54	↑P	pP	17 13 13.4 0.0
MCMT	McKenzie Canyo	61.26	54	eP	P	17 13 14.7 +1.1
MCMT		comp=Z,0.5nm,0.6s,mb3.8				
E17A	Martinsdale	61.29	52	↓P	P	17 13 14.2 +0.1
KULM	Kulim	61.31	244	eP	P	17 13 14.0 0.0
F16A	Kennard Place,	61.31	53	↓P	P	17 13 14.7 +0.1
BOZ	Bozeman (W)	61.40	53	eP	pP	17 13 14.2 +0.1
BOZ		comp=Z,8.0nm,0.7s,mb5.0				
BOZ						17 13 14.8 +0.1
BOZ						17 13 15.8 +0.4
BOZ						17 13 31.4 -0.2
J13A	Cove Ranch, Pi	61.43	56	↑P	P	17 13 15.9 +0.5
I14A	Mackay	61.49	55	↓P	P	17 13 15.8 +0.4
K12A	Draper Farm, C	61.50	57	↓P	P	17 13 15.8 +0.4
G16A	Moss Hill, Enn	61.57	53	↓P	P	17 13 16.0 +0.3
E18A	Harlowton	61.73	51	↓P	P	17 13 16.4 +0.3
F17A	Fitzpatrick Pl	61.76	52	↓P	P	17 13 16.3 +0.1
J14A	Carey	61.84	56	↑P	P	17 13 17.2 +0.5
QLMT	Earthquake La	62.03	53	eP	P	17 13 18.3 +0.7
QLMT		comp=Z,12nm,1.0s,mb5.0				
G17A	Pierce Place,	62.09	53	↓P	pP	17 13 18.5 +0.6
NVAR	Mina Array Bea	62.18	63	P	P	17 13 19.4 +0.9
NVAR		comp=Z,1.1nm,0.7s,mb4.1,baz=291,slo=7.6,SNR=6.7				
NVAR						17 13 20.7 +0.6
NVAR						17 13 37.2 +0.3
NVAR						17 13 20.8 0.0
H16A	Russell Place,	62.21	53	↓P	pP	17 13 21.2 +0.3
F18A	Big Timber	62.26	52	↓P	P	17 13 21.0 +0.2
M12A	Wells	62.27	58	↑P	P	17 13 21.2 +0.3
YMR	Madison River	62.39	53	eP	P	17 13 21.9 +0.7
YMR		comp=Z,6.0nm,0.7s,mb4.8				
L13A	Double Diamond	62.39	57	↑P	pP	17 13 22.0 +0.6
J15A	Blackfoot	62.40	55	↓P	P	17 13 22.9 +0.8
ELK	Elko	62.51	59	P	pP	17 13 23.0 +0.8
ELK		comp=Z,5.0nm,0.8s				
ELK						17 13 22.7 -0.3
ELK						17 13 38.5 -0.6
K14A	Jones Ranch, D	62.53	56	↓P	pP	17 13 38.5 -0.6
N12A	Clover Valley,	62.56	59	eP	P	17 13 23.7 +0.6
N12A		comp=Z,1.7nm,1.2s,mb5.0				
N12A						17 13 20.7
N12A						17 13 23.8 +0.4
YFT	Old Faithful	62.60	53	eP	P	17 13 23.8 +0.4
YFT		comp=Z,2.2nm,1.0s,mb5.2				
I16A	Newdale	62.62	54	↓P	pP	17 13 39.3 -0.1
O11A	Cowboy Ranch,	62.66	60	↓P	P	17 13 25.7 +2.2
G18A	Lazy EL Ranch,	62.72	52	↓P	P	17 13 41.3 +1.6
H17A	Grant Village	62.78	53	↓P	P	17 13 24.5 +0.6
K15A	Arbon	62.81	56	↓P	P	17 13 24.4 +0.1
KAF	Kangasniemi	62.82	335	eP	pmax	17 13 27.2 +2.5
KAF		comp=Z,2.0nm,0.4s,mb4.6				
KAF						17 13 25.5 +0.5
KAF						17 13 23.6 -1.0
IMW	Indian Meadow	62.92	54	eP	P	17 13 23.6 -1.0
IMW		comp=Z,1.8nm,0.4s,mb4				

11d 17h

Table with columns: SRU, Station Name, Frequency, Power, SNR, and other technical details. Includes stations like Teasdale, Separation Pea, Black Hills, Grand Canyon W, Mt Trumbull, etc.

2008 APR

Table with columns: TUC, Station Name, Frequency, Power, SNR, and other technical details. Includes stations like Tucson, Malin Array Be, Malin Array Be, Malin Array Be, etc.

488

Table with columns: TXAR, Station Name, Frequency, Power, SNR, and other technical details. Includes stations like Lajitas Array, Terlingua Ranc, Bratislava, etc.

ICD 11 17:19:35.1z:1.0, 1:57N:127:01E, h0km, mb3.7/6. mb1 3.8/6, mb1mx3.7/16, mb1mx3.7/6, MS4.1/1, Ms1 4.1/1, ms1mx3.0/36, Error ellipse: s-maj=96.5km s-min=17.3km

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like WLF Waiferdange, DOU Dourbes, BFO Black Forest, etc.

CSEM 11 17:30:01.8.0.2.37.85N-21.99E, h8km, ML3.0, Error ellipse: s-maj=4.8km s-min=3.9km az=67.0

ATH 11 17:30:01.2.37.87N-21.95E, h5km, 2km, HD3.5/22, ML3.0

ISCBJ 11 17:30:02.0.0.2.37.85N-20.01.2.97E-0.02, h10km, Error ellipse: s-maj=2.7km s-min=2.4km az=159.9

THE 11 17:30:02.1.37.85N-22.01E, h3km, 1km, ML3.3/7, Error ellipse: s-maj=1.1km s-min=0.6km az=179.0

ISC 11 17:30:02.3.0.4.37.86N-0.02.21.99E-0.02, h2km, 3km, n80, c111/129, 4C-5D, Southern Greece

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like GUR Goura, LAKA Lakka, RLS Riolos of Patr, etc.

Table with columns: ATHU Athens University, VLY Voula, Athens, PTL Penteli, etc. Includes station codes and coordinates.

MAN 11 17:30:45, 13°57'N-120°59'E, h81km, mb4.0, ML2.8, MS2.4, 1C, Mindoro

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like PGP Puerto Galera, LUBP Lubang, etc.

ISC 11 17:35:28.2±1.8, 1°04'N-126°22'E, h0km, mb3.8/3, mb1 4.0/4, mb1mx3.6/17, mbtmpp3.8/4, ML3.1/1, MS4.7/1, Ms1 4.7/1, ms1mx3.4/34, Error ellipse: s-maj=109.5km s-min=23.1km az=68.0

DJA 11 17:35:30, 1°26'N-126°25'E, h10km, MLV3.9/6

ISCJB 11 17:35:31.1±1.2, 1°2N-101°12'E, h126.32E±0.06, h41km±14km, mb3.7/3, Error ellipse: s-maj=20.1km s-min=9.1km

ISC 11 17:35:31.8±1.5, 1°3N-0°E-126°34'E±0.07, h44km±18km, n15, c097/17, mb3.7/3, 2D, Northern Molucca Sea

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like TNE Ternate, NNTI Ternate, MNI Manado, etc.

ISC 11 17:42:23.0±0.6, 20°14'S-168°31'E, h0km, mb4.7/13, mb1 4.8/14, mb1mx4.7/19, mbtmpp4.7/14, ML3.6/1, Error ellipse: s-maj=19.9km s-min=18.3km az=123.0

LDG 11 17:42:25.7±0.2, 19°92'S-168°59'E, h10km, Mb5.0/3, Error ellipse: s-maj=19.9km s-min=4.0km az=123.0

SZGRF 11 17:42:27.6, 19°85'S-170°77'E, h33km, Vanuatu Islands

BUI 11 17:42:27.7, 20°26'S-169°19'E, h49km, mb5.2/6, mb4.7/13, Ms5.6/1, Ms7.5/2/1

ISCJB 11 17:42:28.3±2.0, 20°17'S-0°E-168°85'E±0.09, h48km±16km, n14, c036/8, Error ellipse: s-maj=13.6km s-min=11.4km

NEIC 11 17:42:28.2±0.3, 20°14'S-168°31'E, h35km, mb4.8/21, Error ellipse: s-maj=9.3km s-min=7.8km az=142.0

DJA 11 17:42:29.20±36S-168°83E, h100km, mb5.0/14

ISC 11 17:42:29.2±1.6, 20°17'S-0°E-168°90'E±0.08, h43km±14km, n137, c096/56, mb4.8/36, 32C, Loyalty Islands

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, HNR Honiara, EIDS Eidsvold, etc.

Table with columns: NWAO Narrogin (SRO), KAPI Kapan, SBA Scott Base, CASY Casey, JWY Kunigami, KSM Kuching, MJAR Matsushiro Arr, QSPA South Pole Qui, KULIM Kutlim, PSI Prapat, MDJ Mudanjiang, CN2 Changchun, ENH Enshu, MAW Mawson, MAW Mawson, CHTO Chiang Mai, LZH Lanzhou, TNA Tinian, ULN Ulanbaatar, SHL Shilong, GTA Gatotai, YAK Yakutsk, SONGINGO Arr, BILL Bilibino, CMB Columbia Col, ISA Isabella, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, NVAR Mina Array Bea, NVAR Mina Array Bea, LSA Lhasa, TLY Talaya, TXAR Lajitas Arr, TXAR Lajitas Arr, YKA Yellowknife Arr, ARCES ARCESS Array B, ARCES ARCESS Array B, ARCES ARCESS Array B, BRTR Keskin Arr, BRG Berggiesshubb, BRG Berggiesshubb, CLZ Clausthal, TANN Tannenbergstha, MOX Moxa, MOX Moxa, IBON Ibbenduren, IBON Conrad Observa, CSNA Conrad Observa, IDI Anoyia, KHC Kasarske Hory, ROTZ Rotzenmuehle, GETZ GERESS Array S, GERES GERESS Array B, UBBA Unterzibbach, WET Wetzell, KOGS Kog, GRF Grafenberg Arr, MOA Mollin, BUG Bochum-Univer, TNS Taurus Mts, LDU Tromm, TJO Ljubljana, FUR Furstenfeldbrunn, MEM Membrunn, CEY Cerknica, UUC Uccle, STU Stuttgart, STU Stuttgart, BCLA BCLA, WNT WNT, SFA Senefelle, MOTA Moosang, LANF Langenberg, WLF Waiferdange, WLF Waiferdange, WLF Waiferdange, GIVET Givet, DOU Dourbes, BAI Baives, BFO Champ du Feu, ECH Echery, DAVOX Davos/Dischmatt, MOF Molkentrain, THEF They Montfort, HINF Hinterfeld, HAU Haudompre, MEZF Maizieres Jvi, LOMF Lomont, FLN Foliniere, LDF La Druitiere, LOR Lormes, SSF Saint Sault, GRR Gorron, HYF Humbigny, LPL La Plagne, LPG La Plagne, SMF Signal de Mont, AVF Avril sur Loir

Table with columns: ID, Name, Time, Date, Status, Location, and other details. Includes entries like BMO Blue Mountains, BMO Blue Mountains, BMO Blue Mountains, etc.

Table with columns: ID, Name, Time, Date, Status, Location, and other details. Includes entries like O15A The Old Anders, 120A U Bar Ranch, L, Y19A Nutrioso, etc.

Table with columns: ID, Name, Time, Date, Status, Location, and other details. Includes entries like J16A Bone, O18A Roosevelt, MVCO Mesa Verde, etc.

17th

Table with columns for flight number, origin, destination, time, status, and airline. Includes flights like ISP 1sparta, BSPD Bornholm Skovb, KWP Kalwaria Pacla, etc.

2008 APR

Table with columns for flight number, origin, destination, time, status, and airline. Includes flights like CLL comp=Z,325nm,2.2s, EAB KRU Moravsky, etc.

496

Table with columns for flight number, origin, destination, time, status, and airline. Includes flights like DID Didima, LTK Loutraki, MOA Mollin, etc.

11d 19h

Table with columns: KURBB, Kurchatov Arra, 5.78 283, Pn, 18 15 16.8 -0.4

DJA 11 18:23:22,677Sx10527E,h13km,MLV3.9/13,Sunda
Code Station Name Az AZZ Phase ID Time Res

CSEM 11 18:26:21.8.0.1,44:05N:7:30E,h12km,ML2.1/11, Error ellipse: s-maj=1.9km s-min=1.4km az=54.0

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

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

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

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

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

ISCJB 11 18:36:57.0.0.2,22:93S:0:03:69:89W,0:05,h63km,3km, mb4.4/22, Error ellipse: s-maj=7.0km s-min=4.7km

2008 APR

az=10.1
GUC 11 18:36:57.0.0.2,22:93S:69:91W,h60km,12km,ML4.3
NEIC 11 18:36:57.0.0.2,22:93S:69:94W,h52km,7km,mb4.5/18, Error ellipse: s-maj=11.4km s-min=7.0km az=78.0

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

ISC 11 18:36:58.2.0.0,22:36S:0:03:69:87W,0:04,h54km,3km, h54km,1.0km,pp-P, n69, e113/60,mb4.4/22,3C-2D, Northern Chile

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

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

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

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

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

ISCJB 11 18:36:57.0.0.2,22:93S:0:03:69:89W,0:05,h63km,3km, mb4.4/22, Error ellipse: s-maj=7.0km s-min=4.7km

498

Table with columns: AML, Almayashu, 144.17, 49, ePKPdf, PKPdf, 18 56 27.3 -0.7

IDC 11 18:39:40.6.2.3,4.42N:126.76E,h0km,mb3.5/3, mb1.3/73,mb1mx3.4/17,mbtmp3.5/3, Error ellipse: s-maj=187.8km s-min=26.0km az=66.0, Talaud Islands

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

CSEM 11 18:58:50.5.0.1,39:57N:42:70E,h2km,MD2.9, Error ellipse: s-maj=3.4km s-min=2.9km az=8.0

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

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

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

ISCJB 11 18:36:57.0.0.2,22:93S:0:03:69:89W,0:05,h63km,3km, mb4.4/22, Error ellipse: s-maj=7.0km s-min=4.7km

11d 20h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARCES Array S, Bassoo Peak, Nima Array Bea, etc.

NEIC 11 19:33:01.8, 16'42N:99'40W, h23km, MD3.8(MEX), After MEX

MEX 11 19:33:01.8-0.7, 16'42N:99'40W, h23km-21km, MD3.8, Near coast of Guerrero

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

ISCJB 11 19:37:41.0-0.6, 28'41N:0'03:56:86E:0'07, h10km, Error ellipse: s-maj=9.7km s-min=4.1km az=15.1

CSEM 11 19:37:41.5-0.3, 28'51N:56'65E, h20km, ML3.0, Error ellipse: s-maj=13.9km s-min=6.8km az=109.0

TEH 11 19:37:43.1, 28'34N:56'75E, h7km

OMAN 11 19:38:05.0-99.0, 26'60N:56'95E, h24km, Error ellipse: s-maj=319.0km s-min=61.7km az=338.0

ISC 11 19:37:42.3-0.6, 28'39N:0'03:56:82E:0'08, h10km, n21, r133z/25, 2C-1D, Southern Iran

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BND5 Bandar-Abbas, KRB8 Kerman, etc.

ISCJB 11 19:53:30.1-0.7, 36'67N:0'06:70:75E:0'09, h174km, 10km, mb3.4/2, Error ellipse: s-maj=13.7km s-min=6.9km az=33.5

NEIC 11 19:53:30.3-0.8, 36'49N:70'95E, h188km, 9km, mb3.9/6, Error ellipse: s-maj=15.1km s-min=10.2km az=113.0

IDC 11 19:53:34.3-8.6, 36'78N:70'97E, h200km, 54km, mb2.8/1, mb1.3/1.7, mb1mx2.9/2.6, mbmtmp3.0/2.7, Error ellipse: s-maj=80.9km s-min=51.7km az=175.0

NNC 11 19:53:34.5-4.6, 36'89N:70'79E, h179km, 61km, mb2.9, mpv3.9, Error ellipse: s-maj=42.8km s-min=25.1km az=24.0

ISC 11 19:53:31.1-0.7, 36'66N:0'05:70:77E:0'09, h168km, 9km, n28, r1504/41, mb3.4/2, 4C, Hindu Kush region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KBL Kabul, KSH Kashi, etc.

2008 APR

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSH, AML, UCH, etc.

CSEM 11 19:54:42.6-0.1, 46'99N:11'31E, h15km, ML2.6/16, Error ellipse: s-maj=1.9km s-min=1.5km az=177.0

ZUR 11 19:54:42.9, 47'00N:11'30E, h10km, ML1.5/1

VIE 11 19:54:42.7-0.1, 46'99N:11'33E, h12km, 1km, mb1.5/10, ML2.3/15, Error ellipse: s-maj=9.2km s-min=0.8km az=13.0 13 km NW of Vitiporto

ISCJB 11 19:54:42.1-0.4, 46'99N:11'31E:0'03, h13km, 6km, Error ellipse: s-maj=3.4km s-min=2.9km az=174.3

PRU 11 19:54:44.1, 46'96N:11'55E, h0km

ROM 11 19:54:40.0-0.3, 46'93N:11'28E, h10km, Md2.3/3, MI1.8/4, Error ellipse: s-maj=3.3km s-min=1.9km az=169.0

ISC 11 19:54:42.9-0.4, 46'99N:11'31E:0'03, h15km, 6km, n41, c060/71, 12C-13D, Northern Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SQT, WTA, WTTA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DAVA, CSMI, etc.

NEIC 11 19:57:26.4-0.8, 7'33S:127'49E, h35km, mb4.2/3, Error ellipse: s-maj=21.0km s-min=11.1km az=65.0

IDC 11 19:57:29.8-10.0, 6'71S:129'10E, h82km, 105km, mb3.4/2, mb1.3/9.4, mb1mx3.5/13, mbmtmp3.7/4, ML4.2/2, Error ellipse: s-maj=143.2km s-min=40.5km az=61.0

ISCJB 11 19:57:32.0-2.1, 7'67S:0'08:127:3E:0'1, h118km, 23km, mb3.9/4, Error ellipse: s-maj=18.7km s-min=12.2km az=159.3

ISC 11 19:57:35.7-2.1, 7'83S:0'10:127:4E:0'1, h144km, 24km, n11, r130/15, mb4.0/4, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KAKA, FITZ, etc.

GUC 11 19:58:08.6-0.8, 22'19S:70'15W, h49km, 2km, MD3.7, ML3.8, 2D, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TOCH, PB04, etc.

IDC 11 20:04:08.7-0.6, 52'66S:27'83E, h0km, mb4.3/9, mb1.4/3.9, mb1mx4.3/14, mbmtmp4.3/7.6, MS4.2/6, Ms1.4/2.6, ms1mx4.0/16, Error ellipse: s-maj=24.5km s-min=17.5km az=70.0

NEIC 11 20:04:09.7-0.4, 52'56S:27'90E, h10km, mb4.6/13, Error ellipse: s-maj=15.0km s-min=9.4km az=70.0

ISCJB 11 20:04:12.7-5.2, 52'52S:0'07:27E:0'2, h42km, 48km, mb4.4/18, MS4.1/6, Error ellipse: s-maj=18.3km s-min=11.1km az=0.4

ISC 11 20:04:13.1-1.7, 52'55S:0'07:27E:0'2, h31km, 51km, n41, r1908/29, mb4.4/18, MS4.1/6, South of Africa

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SUR, MAW, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ERE Yerevan, STEZ Stepevan, GMRZ Gyumri, etc.

ISC 11 22:41:49.3;1.7, 20.64S; 168.97E, h0km, mb4.3/7, mb1 4.5/7, mb1mx4.3/14, mbtmp4.3/7, MS3.6/7, Ms1 3.6/7, ms1mx3.3/23, Error ellipse: s-maj=67.0km s-min=26.0km az=151.0

ISC 11 22:41:51.3;4.8, 20.65S; 0.1; 168.8E; 0.1, h21km, 33km, mb4.3/15, MS3.6/6, Error ellipse: s-maj=25.9km s-min=14.8km az=143.0

NEIC 11 22:41:54.9;0.7, 20.70S; 168.81E, h35km, mb4.3/9, Error ellipse: s-maj=26.6km s-min=10.5km az=143.0

ISC 11 22:41:52.4;4.9, 20.70S; 0.1; 168.9E; 0.1, h19km, 30km, n33, 0.074/23, mb4.3/15, MS3.6/6, Loyalty Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, NOUC Port Laguerre, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUMO Guam, NWAOW Narrogin (SRO), KSM Kating, etc.

MAN 11 22:48:49, 13.03N; 120.38E, h20km, mb4.6, ML3.4, MS3.4 ISCJB 11 22:48:50.1;0.6, 13.04N; 0.0; 120.37E; 0.07, h43km, 7km, mb3.7/11, Error ellipse: s-maj=12.2km s-min=6.4km az=164.8

IDC 11 22:48:50.7;3.9, 13.01N; 120.47E, h33km, 32km, mb3.5/8, mb1 3.6/8, mb1mx3.4/20, mbtmp3.5/8, MS2.8/1, Ms1 2.8/1, ms1mx2.3/33, Error ellipse: s-maj=45.1km s-min=17.5km az=66.0

NEIC 11 22:48:52.5;1.8, 13.07N; 120.55E, h52km, 18km, mb4.1/3, Error ellipse: s-maj=25.5km s-min=11.4km az=63.0

ISC 11 22:48:49.8;1.0, 13.03N; 0.0; 120.37E; 0.07, h24km, 8km, n24, 0.067/26, mb3.7/11, 2C-1D, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LUBP Lubang, SJMP San Jose, etc.

CSEM 11 23:34:08.3;0.8, 38.30N; 39.37E, h10km, MD2.7, Error ellipse: s-maj=16.8km s-min=8.1km az=136.0

DDA 11 23:34:09.4;38.35N; 39.37E, h7km, 1km, MD2.7, Error ellipse: s-maj=17.1km az=144.0

ISC 11 23:34:08.7;2.5, 38.3N; 0.1; 39.4E; 0.1, h15km, 15km, n8, 0.039/14, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SVRC Sivrice-ELAZID, ELZG Elazig, etc.

IDC 11 23:54:41.9;0.6, 16.27S; 177.91E, h0km, mb4.3/14, mb1 4.5/14, mb1mx4.5/18, mbtmp4.3/14, MS3.6/5, Ms1 3.6/5, ms1mx3.5/22, Error ellipse: s-maj=23.7km s-min=11.7km az=144.0

ISCJB 11 23:54:43.8;0.3, 16.26S; 0.0; 177.86E; 0.08, h22km, mb4.6/50, MS3.5/5, Error ellipse: s-maj=15.3km s-min=8.2km az=141.7

NEIC 11 23:54:45.0;4.0, 16.24S; 177.91E, mb4.7/37, Error ellipse: s-maj=10.8km s-min=5.4km az=147.0

ISC 11 23:54:45.0;3.3, 16.27S; 0.0; 177.90E; 0.08, h23km, h23km, 7km, pp-P, n182, 0.047/168, mb4.6/50, MS3.5/5, SOC-59D, Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, RAR Rarotonga, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TAOE Nuku Hiva Isla, ASAR Alice Springs, GUMO Guam, etc.

848.00000°, 1.89.00000°, NP2.02.00000°, 842.00000°, 1.91.00000°... Principal axes: T 2.1400, Plg6.0000°...

GCMT 12.00.30:12.6.0.1.55:565:158:495:122km, MW7.1/21, Moment Tensor Solution s114.c2585; s121.c5525; Duration: 816 Moment tensor: Scale 1019Nm; Mw: 5.42; 0.00:02; Mw: 5.42; 0.02; Mw: 0.86; 0.09; Mw: 0.49; 0.02; Mw: 0.36; 0.08; Best double couple: Ms: 5.2100x1019 NP1.03.00000°, 843.00000°, 1.02.00000°...

Principal axes: T 5.5600, Plg11.0000°, Azim10.0000°; N -0.0770, Plg8.0000°, Azim174.0000°; P -5.4820, Plg2.0000°, Azim264.0000°; nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=150s.

DJA 12.00.30:15.55:37S, 168.51E, h10km, Mw7.7/40 ISC 12.00.30:12.5.0.1.55:585:102:158:54E:0.04, h10km, (h19km, 3.6km; p-P), n1949, 18105/432, mb6.5/92, MS7.1/250, 717C-585D, Macquarie Island region

Table with columns: Code, Station Name, Azimuth, Distance, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists various seismic stations and their recorded data.

Table with columns: Station Name, Azimuth, Distance, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists various seismic stations and their recorded data.

Table with columns: Station Name, Azimuth, Distance, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists various seismic stations and their recorded data.

SNR=41					
TRT	Tretes	59.93 305i	eP	P	00 40 19.0 +0.4
XMIS	Christmas Isla	60.95 296	eP	P	00 40 26.1 +0.5
	comp=Z,7um,2.7s,mb7.3				
BJII	Banjaregara	61.64 302i	eP	P	00 40 31.6 +1.3
BULL			eS	PcP	00 41 12.6 +0.8
TNE	Ternate	61.68 324i	eP	P	00 40 26.0 -4.5
PCI	Palu	62.88 315i	eP	P	00 40 30.0 +0.4
MNI	Manado	63.42 322i	eP	P	00 40 40.0 -0.4
USHA	Ushuaia	63.42 152	eP	P	00 40 43.2 +1.4
	comp=Z,54nm,1.1s,mb5.6,baz=165,slow=8.4,SNR=10.0				
USHA			S	S	00 49 19.9 +5.8
	comp=Z,5.7nm,0.8s,baz=34,slow=8.5,SNR=1.4				
COCO	West Island	64.16 287	eP	P	00 40 46.8 -0.3
	comp=Z,4um,2.3s,mb7.1				
COCO			eS	S	00 49 26.1 +1.9
COCO			LR	LR	
	comp=Z,24um,21.0s,MS6.4				
KWAJ	Kwajalein Atol	64.10 60	eP	P	00 40 50.1 +0.3
	comp=Z,135nm,0.9s,mb6.0				
TAOE	Nuku Hiva Isla	66.72 71	eP	P	00 41 04.1 +0.4
	comp=Z,753nm,1.3s,mb5.5				
TAOE	Nuku Hiva Isla	66.72 71	ePP	PP	00 43 34.3 +3.7
	comp=Z,19um,28.7s				
TAOE			eS	S	00 49 57.7 +2.2
	comp=Z,276um,32.9s				
TAOE			eSS	SS	00 54 11.3 -1.8
	comp=Z,146um,25.7s				
TAOE			eLR	LR	01 00 53.7
	comp=Z,219um,35.3s,baz=223				
TAOE	Nuku Hiva Isla	66.72 71	eP	P	00 41 05.1 +2.0
	comp=Z,695nm,1.5s,mb5.5				
GMSPH	General Santos	67.45 323i	eP	P	00 41 07.8 -0.4
XMAS	Kiritimati	67.74 49	eP	P	00 41 09.9 -0.2
	comp=Z,715nm,1.4s,mb5.5				
XMAS			LR	LR	
	comp=Z,120um,20.0s,MS7.1				
DAV	Daavo City (W)	68.16 324	eP	P	00 41 11.9 -0.7
	comp=Z,293nm,0.5s,mb6.6,baz=345,slow=4.2,SNR=16				
DAV			S	S	00 50 16.6 +4.0
	comp=Z,240nm,0.4s,baz=34,slow=14,SNR=1.7				
DAV			LR	LR	01 09 36.6
	comp=Z,49um,21.5s,MS6.7,baz=142,slow=35				
DAV	Daavo City (W)	68.16 324	eP	P	00 41 11.9 -0.8
	comp=Z,3um,1.7s,mb7.1				
DAV	Daavo City (W)	68.16 324	eP	P	00 41 13.6 +0.9
	comp=Z,1um,1.7s,mb6.5				
DAV			LR	LR	
TSM	Tawau	68.40 316	eP	P	00 41 14.2 0.0
EFI	East Falkland	68.88 157	eP	P	00 41 17.5 +0.7
EFI	East Falkland	68.88 157	eP	P	00 41 17.4 +0.6
	comp=Z,1um,1.7s,mb6.5				
EFI	East Falkland	68.88 157	eP	P	00 41 17.4 +0.7
	comp=Z,69um,19.0s,MS6.9				
EFI	East Falkland	68.88 157	eP	P	00 41 17.4 +0.7
	comp=Z,1um,1.7s,mb6.5				
EFI			LR	LR	
	comp=Z,63um,19.0s,MS6.9				
BUPK	Kuching	69.08 324	eP	P	00 41 20.0 +1.6
KSM	Kuching	69.08 307	eP	P	00 41 18.6 +0.1
KSM	Kuching	69.08 307	eP	P	00 41 18.3 -0.2
	comp=Z,1um,1.6s,mb6.6				
KSM			LR	LR	
	comp=Z,70um,20.0s,MS6.9				
SBUM	Sibu	69.10 309	eP	P	00 41 18.8 +0.2
RPN	Rapa Nui	69.23 108	eP	P	00 41 20.1 +0.8
RPN			S	S	00 50 34.1 +8.8
	comp=Z,78nm,0.8s,mb5.7				
RPN			Smax	Smax	
RPN	Rapa Nui	69.23 108	eP	P	00 41 20.1 +0.7
	comp=Z,11nm,0.3s				
RPN	Rapa Nui	69.23 108	eP	P	00 41 20.1 +0.7
	comp=Z,78nm,0.8s,mb5.7,baz=208,slow=7.7,SNR=5.0				
RPN			S	S	00 50 34.0 +8.7
RPN			LR	LR	01 04 36.2
	comp=Z,11nm,0.3s,baz=341,slow=18,SNR=1.2				
RPN			LR	LR	01 04 19.9 +0.5
	comp=Z,72um,19.1s,MS6.9,baz=232,slow=30				
RPN	Rapa Nui	69.23 108	eP	P	00 41 19.9 +0.5
	comp=Z,2um,1.6s,mb6.2				
RPN			LR	LR	
	comp=Z,72um,20.0s,MS6.9				
BTM	Bintulu	69.39 311	eP	P	00 41 20.9 +0.4
PAGZ	Pagadian	69.63 323	eP	P	00 41 23.5 +1.7
IPIL	Ipil	69.85 322i	eP	P	00 41 24.1 +0.9
GUMO	Guam	69.87 346	eP	P	00 41 22.3 -0.9
	comp=Z,559nm,1.0s,mb6.5				
GUMO			S	S	00 43 52.8
GUMO			Smax	Smax	00 50 34.9 +2.2
	comp=Z,34nm,0.6s				
GUMO			Smax	Smax	
	comp=Z,14nm,0.3s				
GUMO	Guam	69.87 346	eP	P	00 41 22.3 -0.9
	comp=Z,559nm,1.0s,mb6.5,baz=188,slow=7.4,SNR=17				
GUMO			PP	PP	00 43 52.8 -5.3
GUMO			S	S	00 50 34.9 +2.2
	comp=Z,14nm,0.3s,baz=24,slow=15,SNR=1.2				
GUMO	Guam	69.87 346	eP	P	00 41 22.5 -0.8
GUMO			LR	LR	
	comp=Z,46um,21.0s,MS6.7				
SDKM	Sandakan	69.89 316	eP	P	00 41 23.0 -0.5
DCPH	Dipolog City	70.32 323i	eP	P	00 41 23.5 -2.6
COVC	Coyhaique	70.55 145	iP	P	00 41 26.9 -0.3
KKM	Kota Kinabatu	70.65 315	eP	P	00 41 28.0 -0.1
KKM	Kota Kinabatu	70.65 315	eP	P	00 41 27.2 -0.9
	comp=Z,39nm,1.1s,mb5.2				
KKM			LR	LR	
	comp=Z,62um,20.0s,MS6.9				
SCPH	Surigao	70.73 325i	eP	P	00 41 28.1 -0.4
TBP	Tagbilaran	71.18 324	eP	P	00 41 30.2 -1.0
KDM	Kudat	71.20 316	eP	P	00 41 31.6 +0.1
MSLP	Maasin	71.26 325	eP	P	00 41 33.5 +1.7
LLP	Lapu-Lapu	71.73 324i	eP	P	00 41 33.6 -1.0
PPI	Padang Panjang	72.17 297i	eP	P	00 41 35.0 -2.4
WYKOM	Kota Tinggi	72.40 301	eP	P	00 41 39.0 +0.3
GUIM	Jordan	72.49 322	eP	P	00 41 39.2 +0.1
BATP	Bataraza	72.54 317	eP	P	00 41 40.7 +1.3
KGM	Kluang	72.85 301	eP	P	00 41 42.0 +0.6
CUYO	Cuyo Island	72.84 321	eP	P	00 41 44.8 +1.2
RCP	Roxas	73.30 323i	eP	P	00 41 43.4 -0.5
CNP	Cataraman	73.42 329	eP	P	00 41 45.9 +0.5
ENPP	EI Nido	74.14 320	eP	P	00 41 49.7 +0.8
SJMP	San Jose	74.70 322	eP	P	00 41 53.3 +1.2
FRIM	Kepong	74.74 300	eP	P	00 41 52.8 +0.4
PVCP	Virac	74.74 323	eP	P	00 41 52.3 0.0
WAKE	Wake Island	74.89 8	eP	P	00 41 53.0 -0.1
	comp=Z,2um,1.6s,mb6.8				
WAKE			LR	LR	
	comp=Z,48um,19.0s,MS6.8				
AUQP	San Andres	74.97 324	eP	P	00 41 58.2 +4.6
PLCA	Paso Flores	75.37 144	eP	P	00 41 55.2 -0.6
	comp=Z,51nm,1.0s,baz=201,slow=6.5,SNR=40				
PLCA			PP	PP	00 44 37.5 -6.3
	comp=Z,5.1nm,1.0s,baz=218,slow=14,SNR=1.1				
PLCA			S	S	00 51 35.4 +0.2
	comp=Z,2.7nm,1.0s,baz=23,slow=11,SNR=2.0				
PLCA			LR	LR	01 07 34.5
	comp=Z,62um,20.8s,MS6.9,baz=207,slow=30				
PLCA			PKPPK	PKPPK	01 09 20.1
	comp=Z,3.9nm,0.7s,baz=197,slow=0.7,SNR=3.4				
PLCA	Paso Flores	75.37 144	eP	P	00 41 55.2 -0.6
	comp=Z,2.7nm,1.0s,baz=23,slow=11,SNR=2.0				
PLCA			PP	PP	00 44 37.5 -6.3
PLCA			S	S	00 51 35.4 +0.2
PLCA			LR	LR	01 07 34.5
	comp=Z,62um,20.8s,MS6.9,baz=207,slow=30				
PLCA			PKPPK	PKPPK	01 09 20.1
	comp=Z,3.9nm,0.7s,baz=197,slow=0.7,SNR=3.4				
PLCA	Paso Flores	75.37 144	eP	P	00 41 55.2 -0.6
	comp=Z,2.7nm,1.0s,baz=23,slow=11,SNR=2.0				
PLCA			PP	PP	00 44 37.5 -6.3
PLCA			S	S	00 51 35.4 +0.2
PLCA			LR	LR	01 07 34.5
	comp=Z,62um,20.8s,MS6.9,baz=207,slow=30				
PLCA			PKPPK	PKPPK	01 09 20.1
	comp=Z,3.9nm,0.7s,baz=197,slow=0.7,SNR=3.4				
PLCA	Paso Flores	75.37 144	eP	P	00 41 55.2 -0.6
	comp=Z,2.7nm,1.0s,baz=23,slow=11,SNR=2.0				
PLCA			PP	PP	00 44 37.5 -6.3
PLCA			S	S	00 51 35.4 +0.2
PLCA			LR	LR	01 07 34.5
	comp=Z,62um,20.8s,MS6.9,baz=207,slow=30				
PLCA			PKPPK	PKPPK	01 09 20.1
	comp=Z,3.9nm,0.7s,baz=197,slow=0.7,SNR=3.4				
PLCA	Paso Flores	75.37 144	eP	P	00 41 55.2 -0.6
	comp=Z,2.7nm,1.0s,baz=23,slow=11,SNR=2.0				
PLCA			PP	PP	00 44 37.5 -6.3
PLCA			S	S	00 51 35.4 +0.2
PLCA			LR	LR	01 07 34.5
	comp=Z,62um,20.8s,MS6.9,baz=207,slow=30				
PLCA			PKPPK	PKPPK	01 09 20.1
	comp=Z,3.9nm,0.7s,baz=197,slow=0.7,SNR=3.4				
PLCA	Paso Flores	75.37 144	eP	P	00 41 55.2 -0.6
	comp=Z,2.7nm,1.0s,baz=23,slow=11,SNR=2.0				
PLCA			PP	PP	00 44 37.5 -6.3
PLCA			S	S	00 51 35.4 +0.2
PLCA			LR	LR	01 07 34.5
	comp=Z,62um,20.8s,MS6.9,baz=207,slow=30				
PLCA			PKPPK	PKPPK	01 09 20.1
	comp=Z,3.9nm,0.7s,baz=197,slow=0.7,SNR=3.4				
PLCA	Paso Flores	75.37 144	eP	P	00 41 55.2 -0.6
	comp=Z,2.7nm,1.0s,baz=23,slow=11,SNR=2.0				
PLCA			PP	PP	00 44 37.5 -6.3
PLCA			S	S	00 51 35.4 +0.2
PLCA			LR	LR	01 07 34.5
	comp=Z,62um,20.8s,MS6.9,baz=207,slow=30				
PLCA			PKPPK	PKPPK	01 09 20.1
	comp=Z,3.9nm,0.7s,baz=197,slow=0.7,SNR=3.4				
PLCA	Paso Flores	75.37 144	eP	P	00 41 55.2 -0.6
	comp=Z,2.7nm,1.0s,baz=23,slow=11,SNR=2.0				
PLCA			PP	PP	00 44 37.5 -6.3
PLCA			S	S	00 51 35.4 +0.2
PLCA			LR	LR	01 07 34.5
	comp=Z,62um,20.8s,MS6.9,baz=207,slow=30				
PLCA			PKPPK	PKPPK	01 09 20.1
	comp=Z,3.9nm,0.7s,baz=197,slow=0.7,SNR=3.4				
PLCA	Paso Flores	75.37 144	eP	P	00 41 55.2 -0.6
	comp=Z,2.7nm,1.0s,baz=23,slow=11,SNR=2.0				
PLCA			PP	PP	00 44 37.5 -6.3
PLCA			S	S	00 51 35.4 +0.2
PLCA			LR	LR	01 07 34.5
	comp=Z,62um,20.8s,MS6.9,baz=207,slow=30				
PLCA			PKPPK	PKPPK	01 09 20.1
	comp=Z,3.9nm,0.7s,baz=197,slow=0.7,SNR=3.4				
PLCA	Paso Flores	75.37 144	eP	P	00 41 55.2 -0.6
	comp=Z,2.7nm,1.0s,baz=23,slow=11,SNR=2.0				
PLCA			PP	PP	00 44 37.5 -6.3
PLCA			S	S	00 51 35.4 +0.2
PLCA			LR	LR	01 07 34.5
	comp=Z,62um,20.8s,MS6.9,baz=207,slow=30				
PLCA			PKPPK	PKPPK	01 09 20.1
	comp=Z,3.9nm,0.7s,baz=197,slow=0.7,SNR=3.4				
PLCA	Paso Flores	75.37 144	eP	P	00 41 55.2 -0.6
	comp=Z,2.7nm,1.0s,baz=23,slow=11,SNR=2.0				
PLCA			PP	PP	00 44 37.5 -6.3
PLCA			S	S	00 51 35.4 +0.2
PLCA			LR	LR	01 07 34.5
	comp=Z,62um,20.8s,MS6.9,baz=207,slow=30				
PLCA			PKPPK	PKPPK	01 09 20.1
	comp=Z,3.9nm,0.7s,baz=197,slow=0.7,SNR=3.4				
PLCA	Paso Flores	75.37 144	eP	P	00 41 55.2 -0.6
	comp=Z,2.7nm,1.0s,baz=23,slow=11,SNR=2.0				
PLCA		</			

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, S, P, X, M, L, R, LR, Pmax, Pmin).

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SKR	comp=Z,5µm,14.0s		pmax	pmax					
SKR	comp=N,11µm,14.0s		pmax	pmax					
SKR	comp=E,7µm,14.0s		pmax	pmax					
SKR	comp=Z,18µm,14.0s		pmax	pmax					
SKR	comp=E,26µm,18.0s,MS7.0		MLR	MLR					
SKR	comp=Z,42µm,18.0s,MS7.0		MLR	MLR					
SKR	comp=N,38µm,20.0s,MS7.0		MLR	MLR					
KMBO	Kilima Mbogo 106.18 243	P	PdFf		00 44 26.6 +1.3				
KMBO					00 48 50.5				
KMBO		S	SKSac		00 55 10.9 +5.3				
KMBO		SS	SS		01 03 49.0 -1.1				
KMBO	comp=Z,1.0nm,0.7s		pmax	pmax					
KMBO	comp=Z,4.0nm,1.0s		pmax	pmax					
KMBO	Kilima Mbogo 106.18 243	PdFf	PdFf		00 44 26.6 +1.2				
KMBO	comp=Z,0.6nm,0.7s,baz=154,slow=6,SNR=2.2		PP	PP	00 48 50.5 +1.6				
KMBO	comp=Z,4.3nm,1.0s,baz=162,slow=5.5,SNR=6.2		PP	PP	00 55 10.8 +5.2				
KMBO	comp=Z,0.4nm,0.2s,baz=244,slow=24,SNR=1.2		PS	PS	00 58 14.2 +7.9				
KMBO	comp=Z,0.4nm,0.6s,baz=59,slow=24,SNR=1.8		PKKPbc	PKKPbc	00 59 55.0 -0.7				
KMBO	comp=Z,0.7nm,0.8s,baz=74,slow=15,SNR=1.8		PKKPbc	PKKPbc	01 00 03.5 +7.8				
KMBO	comp=Z,2.5nm,1.0s,baz=50,slow=3.7,SNR=3.1		PKKPbc	PKKPbc	01 00 18.1 +3.0				
KMBO	comp=Z,5.3nm,1.2s,baz=353,slow=3.8,SNR=3.6		PKKPbc	PKKPbc	01 03 49.0 -1.1				
KMBO	comp=Z,0.8nm,0.9s,baz=133,slow=13,SNR=2.0		PdFf	PdFf	00 44 27.7 +2.3				
KMBO	Kilima Mbogo 106.18 243	eP	PdFf						
KMBO	comp=Z,8.4nm,1.4s		LR	LR					
KMBO	comp=Z,36µm,21.0s,MS6.9		LR	LR					
KMBO	Kilima Mbogo 106.18 243	i/P	PdFf		00 44 27.6 +2.3				
KMBO		AMS	AMS		01 31 50.4				
SHEL	Horse Pasture 107.50 196	PFAKE	LR	LR	00 48 50.0 +11				
SHL	comp=Z,167µm,19.0s,MS7.6								
AJM	Ajmer 108.12 290	eP	PdFf		00 44 32.7 -1.2				
OTAV	Otavalo 108.22 118	eP	PdFf		00 44 38.3 +4.0				
OTAV	comp=Z,95nm,2.0s		LR	LR					
BHJ	comp=Z,42µm,20.0s,MS7.0		eP	PdFf	00 44 33.1 -1.3				
BHJ		AMS	AMS		00 58 18.7				
BHJ		AMS	AMS		01 28 59.6				
PET	Petropavlovsk 108.25	0	PdFf		00 44 34.9 +0.4				
PET		PS	PS		00 58 17.8 -9.3				
PET		ePSS	ePSS		00 59 34.6				
PET	comp=Z,5µm,17.1s		pmax	pmax					
PET	comp=Z,4µm,16.4s		MLR	MLR					
PET	comp=Z,26µm,19.0s,MS6.8		MLR	MLR					
PET	comp=Z,20µm,18.0s		MLR	MLR					
PET	Petropavlovsk 108.25	0	PFAKE	LR	00 48 50.0 +10				
PET		LR	LR						
SONA	comp=Z,37µm,21.0s,MS6.9								
SONA	Sohna 108.25 293	eP	PdFf		00 44 32.6 -2.0				
PETK	Petropavlovsk- 108.34 359	PdFf	PdFf		00 44 34.5 -0.4				
PETK	comp=Z,8.6nm,1.1s,baz=177,slow=3.8,SNR=2.9		PS	PS	00 58 35.2 +7.3				
AYAN	comp=Z,2.6nm,0.9s,baz=99,slow=26,SNR=0.9		PdFf	PdFf	00 44 33.1 -2.2				
AYAN	Aya Nagar 108.42 293	eP	PdFf		00 44 32.0 -3.8				
NDI	New Delhi 108.53 294	ex	PdFf						
KHET	comp=Z,20nm,14.0s		PdFf		00 44 35.2 -1.7				
KHET	Khetri 108.78 292	eP	PdFf		00 48 50.0 +8.9				
ADK	Adak 109.06 16	PFAKE	LR	LR					
ADK		LR	LR						
HIA	comp=Z,31µm,21.0s,MS6.8		PFAKE	LR	00 48 50.0 +8.2				
HIA	Hialar 109.40 334	PFAKE	LR	LR					
DDI	comp=Z,35µm,22.0s,MS6.9		eP	PdFf	00 44 39.2 -0.5				
DDI	Dehra Dun 109.42 295	eP	PdFf		00 48 14.2				
ULN		ex	x		00 49 00.0 +14				
ULN	Ulaabaatar 111.75 325	PFAKE	LR	LR					
ULN		LR	LR						
SONM	comp=Z,27µm,20.0s,MS6.8		P	PdFf	00 44 50.7 -0.2				
SONM	Songino Array 111.94 325	P	PdFf		00 49 37.9				
SONM		PS	PS		00 59 03.4 +0.5				
SONM	comp=Z,1.0nm,0.7s		pmax	pmax					
SONM	comp=Z,16nm,1.1s		pmax	pmax					
SONM	Songino Array 111.94 325	PdFf	PdFf		00 44 50.7 -0.2				
SONM	comp=Z,0.6nm,0.7s,baz=150,slow=3.8,SNR=4.5		PKKPbc	PKKPbc	00 48 30.1 -1.7				
SONM	comp=Z,5.3nm,1.2s,baz=132,slow=11,SNR=4.1		PP	PP	00 49 37.9 +7.0				
SONM	comp=Z,16nm,1.1s,baz=160,slow=5.4,SNR=7.0		PS	PS	00 59 03.4 +0.5				
SONM	comp=Z,4.1nm,1.2s,baz=143,slow=2.0,SNR=2.3		PKKPbc	PKKPbc	00 59 37.3 -1.0				
SONM	comp=Z,2.8nm,1.0s,baz=248,slow=0.8,SNR=2.9		PKKPbc	PKKPbc	00 59 42.1 -2.7				
SONM	comp=Z,4.3nm,0.9s,baz=330,slow=2.1,SNR=4.4		PKKPbc	PKKPbc	00 59 52.9 +1.5				
SONM	comp=Z,2.9nm,0.8s,baz=336,slow=3.3,SNR=4.7		PKKPbc	PKKPbc					
SNCC	San Nicolas Is 112.49 64	PdFf	PdFf		00 44 54.9 +1.5				
SNCC	comp=Z,113		PP	PP	00 49 33.8 -1.3				
SCI	comp=Z,113		PP	PP	00 49 31.5 -5.6				
CIS	Catalina Islan 113.19 65	PdFf	PdFf		00 44 57.4 +0.9				
CIS	comp=Z,114		PP	PP	00 49 39.9 -0.1				
JTS	comp=Z,114		PP	PP	00 44 57.4 +0.5				
JTS	JuntasAbangare 113.29 106	P	PdFf		00 49 43.0				
JTS		PS	PS		00 59 19.5 +3.8				
JTS	comp=Z,2.0nm,0.5s		pmax	pmax					
JTS	comp=Z,5.0nm,0.6s		pmax	pmax					
JTS	JuntasAbangare 113.29 106	PdFf	PdFf		00 44 57.4 +0.5				
JTS	comp=Z,1.6nm,0.5s,baz=249,slow=9.5,SNR=1.7		PP	PP	00 49 43.0 +2.4				
JTS	comp=Z,4.5nm,0.6s,baz=322,slow=18,SNR=3.6		PS	PS	00 59 19.5 +3.8				
JTS	comp=Z,3.1nm,0.6s,baz=315,slow=22,SNR=1.7		PdFf	PdFf	00 44 57.4 +0.5				
JTS	JuntasAbangare 113.29 106	eP	PKKPbc	PKKPbc	00 48 51.7 +1.4				
JTS		eP	PKKPbc	PKKPbc	00 49 43.0 +2.4				
JTS		PS	PS		00 59 19.5 +3.8				
JTS		LR	LR						
SBC	comp=Z,46µm,20.0s,MS7.1								
SBC	Santa Barbara 113.33 63	PdFf	PdFf		00 44 59.7 +2.6				
SBC	comp=Z,114		PP	PP	00 49 42.2 +1.2				
BLG	comp=Z,114		PP	PP	00 44 56.6 -0.8				
BLG	Laguna Peak 113.40 64	PdFf	PdFf		00 44 56.6 -0.8				
BLG	comp=Z,114		PKIKP	PKIKP	00 48 45.0 -4.9				
BLG	comp=Z,114		PP	PP	00 49 42.3 +0.8				
109C	comp=Z,114		PP	PP	00 44 57.1 -0.5				
109C	Camp Elliot, M 113.45 66	PdFf	PdFf		00 44 57.1 -0.5				
109C	comp=Z,114		PP	PP	00 49 42.8 +0.9				
FMP	comp=Z,114		PP	PP	00 44 59.6 +1.8				
FMP	Fort Macarthur 113.48 64	PdFf	PdFf		00 49 43.3 +1.2				
FMP	comp=Z,114		PP	PP	00 45 01.1 +2.6				
PKM	comp=Z,114		PKIKP	PKIKP	00 48 51.1 +0.8				
PKM	Peak Mountain 113.64 63	PdFf	PdFf		00 45 01.1 +2.6				
PKM	comp=Z,114		PKIKP	PKIKP	00 48 51.1 +0.8				
PKM	comp=Z,114		PP	PP	00 49 41.2 -2.0				
MONP	comp=Z,114		PP	PP	00 45 01.0 +1.8				
MONP	Monument Peak 113.80 66	PdFf	PdFf						

MONP	comp=Z,114		PKIKP	PKIKP	00 48 50.2 -0.5				
MONP	comp=Z,114		PP	PP	00 49 39.9 -4.5				
SMMC	comp=Z,114		PdFf	PdFf	00 45 01.6 +2.0				
SMMC	Simmler 113.87 62	PdFf	PdFf		00 45 01.6 +2.0				
SMMC	comp=Z,114		PP	PP	00 49 41.7 -3.2				
DECC	comp=Z,114		PdFf	PdFf	00 45 01.6 +2.0				
DECC	Green Verdugo 113.89 64	PdFf	PdFf		00 45 01.6 +2.0				
DECC	comp=Z,114		PKIKP	PKIKP	00 48 53.6 +2.7				
DECC	comp=Z,114		PP	PP	00 49 41.7 -3.3				
FURI	comp=Z,114		eP	PK	00 49 48.4 +3.2				
FURI	Furi 113.94 250	eP	PK		00 56 04.8 +1.1				
MURC	comp=Z,114		PdFf	PdFf	00 45 00.5 +0.6				
MURC	Murrieta 113.96 65	PdFf	PdFf		00 45 00.5 +0.6				
MURC	comp=Z,114		PP	PP	00 49 41.4 -4.1				
MWC	comp=Z,114		ePKIP	PKIKP	00 48 52.0 +0.9				
SWSC	Mount Wilson 114.00 64	ePKIP	PKIKP		00 45 01.3 +0.4				
SWSC	comp=Z,114		PP	PP	00 49 42.2 -4.8				
BFSC	comp=Z,114		PdFf	PdFf	00 45 02.2 +1.1				
BFSC	Mount Baldy St 114.22 65	PdFf	PdFf		00 49 45.5 -1.9				
BFSC	comp=Z,114		PP	PP	00 45 03.9 +2.7				
ROSC	comp=Z,114		PdFf	PdFf	00 48 52.6 +0.4				
ROSC	Ei Rosal 114.25 119	PdFf	PdFf		00 49 50.0 +2.8				
ROSC	comp=Z,2.7nm,0.4s,baz=235,slow=1.8,SNR=1.1		PKP	PKIKP	00 59 25.9 +1.5				
ROSC	comp=Z,3.8nm,0.5s,baz=203,slow=9.7,SNR=3.5		PP	PP	01 03 27.1				
ROSC	comp=Z,1.7nm,1.0s,baz=277,slow=12,SNR=3.0		PS	PS	01 05 51.2 +13				
ROSC	comp=Z,2.4nm,0.5s,baz=274,slow=22,SNR=1.2		PKKPbc	PKKPbc	01 09 59.7				
ROSC	comp=Z,1.9nm,1.0s,baz=146,slow=0.7,SNR=6.9		PKKPbc	PKKPbc	00 59 38.9 -0.5				
ROSC	comp=Z,14nm,0.9s,baz=0.0,slow=1.0,SNR=4.4		SKP	SKP	00 49 00.0 +8.5				
ROSC	comp=Z,4.1nm,0.7s,baz=297,slow=2.3,SNR=1.6		SS	SS					
ROSC	comp=Z,1.7nm,0.4s,baz=254,slow=23,SNR=1.0		SS	SS					
ROSC	comp=Z,2.6nm,0.4s,baz=266,slow=24,SNR=1.9		SS	SS					
SAO	San Andreas Ge 114.30 60	PFAKE	LR	LR					
SAO		LR	LR						
ARVC	comp=Z,55µm,20.0s,MS7.2		PdFf	PdFf	00 44 59.6 -1.9				
ARVC	Arvin 114.32 63	PdFf	PdFf		00 48 52.8 +1.2				
ARVC	comp=Z,115		PKIKP	PKIKP	00 49 44.9 -3.2				
ARVC	comp=Z,115		PP	PP	00 48 53.2 +1.5				
PFO	comp=Z,152µm,19.0s,MS7.6		ePKIP	PKIKP	00 49 46.1				
PFO	Pinyon Flat Ob 114.35 66	ePKIP	PKIKP		00 45 02.0 +0.4				
PFO		MLR	MLR		00				

IRK	Irkutsk	116.45	326	eP	Pdif	00 45 06.6	-4.4
IRK	Dragon	116.47	72	↑Pdif	Pdif	00 50 04.2	-1.8
218A	baz=117,SNR=10			↑PKIKP	PKIKP	00 48 54.4	-1.4
218A	baz=117			↑PP	PP	00 50 00.5	-2.6
X13A	Yucca	116.48	67	↑Pdif	Pdif	00 45 08.9	-2.2
X13A	baz=117,SNR=17			PKIKP	PKIKP	00 48 55.3	-0.5
X13A	baz=117			↑PP	PP	00 50 01.9	-1.3
W12A	Cal Nev Ari	116.48	66	↑Pdif	Pdif	00 45 12.1	+1.0
W12A	baz=117			↑PP	PP	00 50 04.0	+0.7
GRAC	Grapevine Rang	116.52	63	↑Pdif	Pdif	00 45 12.2	+0.9
GRAC	baz=117			↑PP	PP	00 50 04.1	+0.6
117A	Oracle	116.56	71	↑Pdif	Pdif	00 45 12.2	+0.8
117A	baz=117,SNR=13			↑PKIKP	PKIKP	00 48 54.6	-1.4
117A	baz=117			↑PP	PP	00 50 03.1	-0.7
U10A	Ash Meadows, A	116.60	64	↑Pdif	Pdif	00 45 12.0	+0.3
U10A	baz=117,SNR=18			↑PKIKP	PKIKP	00 48 54.8	-1.2
U10A	baz=117			↑PP	PP	00 50 05.5	+1.5
V11A	Goodsprings	116.61	65	↑Pdif	Pdif	00 45 12.8	+1.1
V11A	baz=117,SNR=5.7			↑PKIKP	PKIKP	00 48 55.2	-0.8
V11A	baz=117			↑PP	PP	00 50 05.2	+1.1
WDC	Whiskeytown Da	116.76	57	ePKIKP	PKPpdf	00 48 55.9	-0.2
WDC	baz=117			MLR	MLR		
Y15A	Casa Rosa Ranc	116.77	69	↑Pdif	Pdif	00 45 10.7	-1.8
Y15A	baz=117,SNR=13			↑PKIKP	PKIKP	00 48 53.8	-2.6
Y15A	baz=117			↑PP	PP	00 50 05.5	+0.2
Z16A	Peralta Trail,	116.78	70	↑Pdif	Pdif	00 45 12.3	-0.2
Z16A	baz=117			↑PP	PP	00 50 05.5	+0.1
320A	Kipp Ranch, An	116.80	73	↑Pdif	Pdif	00 45 11.1	-1.5
320A	baz=117,SNR=9.0			↑PKIKP	PKIKP	00 48 57.1	+0.5
320A	baz=117			↑PP	PP	00 50 04.2	-1.3
V12A	Nelson	116.82	66	↑Pdif	Pdif	00 45 12.8	+0.1
V12A	baz=117,SNR=13			PKIKP	PKIKP	00 48 55.7	-0.8
V12A	baz=117			↑PP	PP	00 50 05.3	-0.3
W13A	Hualapai Mount	116.84	67	↑Pdif	Pdif	00 45 10.0	-2.7
W13A	baz=117,SNR=25			↑PKIKP	PKIKP	00 48 54.4	-2.1
W13A	baz=117			↑PP	PP	00 50 06.0	+0.2
X14A	Yava	116.88	68	↑Pdif	Pdif	00 45 13.3	+0.4
X14A	baz=117,SNR=17			↑PKIKP	PKIKP	00 48 56.1	-0.5
X14A	baz=117			↑PP	PP	00 50 06.7	+0.7
CHGN	Chignik	116.89	25	ePKPpdf	PKPpdf	00 48 58.6	+2.8
219A	White Tail Can	116.91	72	↑Pdif	Pdif	00 45 14.5	+1.5
219A	baz=117,SNR=14			PKIKP	PKIKP	00 48 57.6	+0.9
219A	baz=117			↑PP	PP	00 50 05.8	-0.5
118A	Homack Ranch,	117.02	71	↑Pdif	Pdif	00 45 11.9	-1.6
118A	baz=117,SNR=14			PKIKP	PKIKP	00 48 56.5	-0.4
118A	baz=117			↑PP	PP	00 50 07.0	-0.1
MOY	Mondy	117.03	324	eP	Pdif	00 45 15.0	+1.5
MOY	baz=117			e	e	00 48 57.3	+0.4
MOY	baz=117			e	e	00 50 08.4	+0.4
U11A	Corn Creek	117.08	65	↑PP	PP	00 50 07.8	+0.4
WCN	Washoe City	117.11	60	↑Pdif	Pdif	00 45 12.6	-1.3
WCN	baz=117			↑PKIKP	PKIKP	00 48 55.0	-1.9
WCN	baz=117			↑PP	PP	00 50 04.3	-3.3
NVAR	Mina Array Bea	117.16	61	Pdif	Pdif	00 45 10.8	-3.3
NVAR	comp=Z,0.2nm,0.3s, baz=219,slow=4.2,SNR=1.7			PKP	PKP	00 48 56.9	-0.1
NVAR	comp=Z,25nm,0.9s, baz=207,slow=3.5,SNR=35			PKKpbc	PKKpbc	00 59 23.2	+3.1
NVAR	comp=Z,20nm,1.0s, baz=44,slow=4.9,SNR=4.6			SKKP	SKKP	01 03 22.7	
Y16A	Circle Bar Ran	117.17	69	↑Pdif	Pdif	00 45 11.4	-2.8
Y16A	baz=117,SNR=13			↑PKIKP	PKIKP	00 48 55.0	-2.2
Y16A	baz=117			↑PP	PP	00 50 08.7	+0.7
X15A	Humboldt	117.23	68	↑Pdif	Pdif	00 45 13.5	-0.9
X15A	baz=118,SNR=14			↑PKIKP	PKIKP	00 48 55.5	-1.7
X15A	baz=118			↑PP	PP	00 50 08.1	-0.5
220A	Playas Peak, P	117.24	73	↑Pdif	Pdif	00 45 12.7	-1.8
220A	baz=118,SNR=11			↑PKIKP	PKIKP	00 48 55.9	-1.5
220A	baz=118			↑PP	PP	00 50 08.8	+0.3
BEKR	Beckworth	117.26	59	↑Pdif	Pdif	00 45 12.1	-2.5
BEKR	baz=118			↑PKIKP	PKIKP	00 48 55.3	-1.9
BEKR	baz=118			↑PP	PP	00 50 07.8	-0.8
Z17A	San Carlos Hig	117.26	70	↑Pdif	Pdif	00 45 12.4	-2.2
Z17A	baz=118			↑PKIKP	PKIKP	00 48 54.4	-3.0
Z17A	baz=118			↑PP	PP	00 50 08.9	+0.2
Z18A	Geronimo	117.33	71	↑Pdif	Pdif	00 45 13.3	-1.6
Z18A	baz=118			↑PP	PP	00 50 07.8	-1.4
W14A	Seligman	117.35	67	↑Pdif	Pdif	00 45 13.8	-1.2
W14A	baz=118,SNR=5.3			↑PKIKP	PKIKP	00 48 55.4	-2.1
W14A	baz=118			↑PP	PP	00 50 09.1	-0.2
Y17A	Roosevelt	117.36	70	↑Pdif	Pdif	00 45 15.0	-0.1
Y17A	baz=118			↑PKIKP	PKIKP	00 48 57.4	-0.2
Y17A	baz=118,SNR=14			↑PP	PP	00 50 09.5	+0.1
V13A	Grand Canyon W	117.37	66	↑Pdif	Pdif	00 45 16.2	+1.2
V13A	baz=118,SNR=5.1			↑PKIKP	PKIKP	00 48 57.8	+0.3
V13A	baz=118			↑PP	PP	00 50 09.9	+0.5
KBL	Kabul	117.42	292	ePKIKP	PKPpdf	00 48 57.7	+0.1
119A	Ashpeak Ranch,	117.48	72	↑Pdif	Pdif	00 45 15.6	0.0
119A	baz=118,SNR=9.8			↑PKIKP	PKIKP	00 48 58.4	+0.6
119A	baz=118			↑PP	PP	00 50 09.7	-0.5

U12A	Valley of Fire	117.53	65	↑Pdif	Pdif	00 45 16.1	+0.4
U12A	baz=118,SNR=16			↑PKIKP	PKIKP	00 48 58.1	+0.3
U12A	baz=118			↑PP	PP	00 50 05.4	-5.1
YBH	Yreka Blue Hor	117.58	56	ePKIKP	PKPpdf	00 48 57.4	-0.3
YBH	comp=Z,54um,19.0s			MLR	MLR	00 50 13.0	
X16A	Lo Mia Camp, P	117.60	69	↑Pdif	Pdif	00 45 14.6	-1.5
X16A	baz=118			PKIKP	PKIKP	00 48 57.9	-0.1
X16A	baz=118,SNR=20			↑PP	PP	00 50 08.0	-3.1
S10A	Tonopah Range,	117.62	63	↑Pdif	Pdif	00 45 16.3	+0.2
S10A	baz=118			↑PKIKP	PKIKP	00 48 57.9	0.0
S10A	baz=118,SNR=8.2			↑PP	PP	00 50 07.7	-3.5
RCBR	Riachuelo	117.64	164	PFAKE	LR	00 49 10.0	+1.1
RCBR	comp=Z,30um,21.0s,MS6.9			LR	LR		
V14A	Boquillas Ranc	117.66	67	↑Pdif	Pdif	00 45 16.0	-0.4
V14A	baz=118			↑PKIKP	PKIKP	00 48 58.8	+0.7
V14A	baz=118,SNR=22			↑PP	PP	00 50 08.1	-3.4
T12A	Moapa	117.66	65	↑Pdif	Pdif	00 45 16.8	+0.4
T12A	baz=118			↑PKIKP	PKIKP	00 48 58.8	+0.8
T12A	baz=118			↑PP	PP	00 50 05.7	-5.8
120A	U Bar Ranch, L	117.67	72	↑Pdif	Pdif	00 45 16.3	-0.1
120A	baz=118			↑PKIKP	PKIKP	00 48 57.5	-0.7
120A	baz=118,SNR=9.8			↑PP	PP	00 50 06.9	-4.7
KSH	Kashi	117.71	300	Pdif	Pdif	00 45 16.2	-0.4
KSH	comp=N,36um,17.5s,MS7.4			PKP	PKP	00 48 58.8	+0.8
KSH	comp=E,72um,17.5s,MS7.4			PKS	PKS	00 52 23.2	+0.4
KSH	comp=Z,62um,19.6s,MS7.2			SS	SS	01 06 18.7	-5.4
221A	Mesquite Ranch	117.72	73	↑Pdif	Pdif	00 45 18.0	+1.4
221A	baz=118			↑PKIKP	PKIKP	00 48 58.0	-0.3
221A	baz=118,SNR=6.2			↑PP	PP	00 50 07.7	-4.2
W15A	Williams	117.75	68	↑Pdif	Pdif	00 45 17.3	+0.6
W15A	baz=118			↑PKIKP	PKIKP	00 48 56.9	-1.3
W15A	baz=118			↑PP	PP	00 50 13.5	+1.4
T11A	Corn Creek, Al	117.80	64	↑Pdif	Pdif	00 45 16.3	-0.7
T11A	baz=118			↑PKIKP	PKIKP	00 48 57.1	-1.2
T11A	baz=118			↑PP	PP	00 50 12.4	0.0
U13A	Pakoon Wash	117.81	66	↑Pdif	Pdif	00 45 16.3	-0.7
U13A	baz=118			↑PKIKP	PKIKP	00 48 58.7	+0.3
U13A	baz=118,SNR=13			↑PP	PP	00 50 12.0	-0.5
S11A	Rachel	117.84	64	↑Pdif	Pdif	00 45 18.4	+1.2
S11A	baz=118,SNR=18			↑PKIKP	PKIKP	00 48 58.3	0.0
S11A	baz=118			↑PP	PP	00 50 08.1	-4.6
626A	Big Bend Ranch	117.84	78	↑Pdif	Pdif	00 45 18.2	+1.0
626A	baz=118,SNR=19			↑PKIKP	PKIKP	00 48 58.2	-0.4
626A	baz=118			↑PP	PP	00 50 14.3	+1.6
Y18A	Canyon Day Jun	117.86	70	↑Pdif	Pdif	00 45 19.1	+1.9
Y18A	baz=118			↑PKIKP	PKIKP	00 48 59.1	+0.6
Y18A	baz=118			↑PP	PP	00 50 09.6	-3.2
X17A	Forest Lakes	117.88	69	↑Pdif	Pdif	00 45 18.8	+1.4
X17A	baz=118			↑PKIKP	PKIKP	00 48 58.8	+0.2
X17A	baz=118			↑PP	PP	00 50 08.5	-4.5
Z19A	T-Link Ranch,	117.90	71	↑Pdif	Pdif	00 45 18.8	+1.4
Z19A	baz=118			↑PKIKP	PKIKP	00 48 58.8	+0.2
Z19A	baz=118			↑PP	PP	00 50 06.1	-7.1
TXAR	Lajitas Array	117.93	78	P	Pdif	00 45 29.4	+12.0
TXAR	comp=Z,0.5nm,1.0s, baz=164,slow=1.7,SNR=4.1			PKP	PKP	00 48 57.0	-1.8
TXAR	comp=Z,8.3nm,0.8s, baz=191,slow=2.9,SNR=32			PKP	PKP	00 50 13.5	+0.1
TXAR	comp=Z,5.2nm,1.0s, baz=188,slow=5.5,SNR=1.6			PS	PS	00 59 54.9	-3.0
TXAR	comp=Z,2.9nm,0.7s, baz=300,slow=4.0,SNR=0.7			SS	SS	01 06 43.7	+1.7
TXAR	comp=Z,0.2nm,0.7s, baz=88,slow=31,SNR=1.5			SSS	SSS	01 11 02.4	
R10A	Warm Springs	118.05	63	↑Pdif	Pdif	00 45 18.4	+0.3
R10A	baz=118,SNR=16			PKIKP	PKIKP	00 48 59.0	+0.3
R10A	baz=118			↑PP	PP	00 50 08.5	-5.7
W16A	Plataff	118.07	68	↑Pdif	Pdif	00 45 17.9	-0.2
W16A	baz=118			↑PKIKP	PKIKP	00 48 58.7	-0.1
W16A	baz=118			↑PP	PP	00 50 11.7	-2.7
121A	Cookes Peak, D	118.12	73	↑Pdif	Pdif	00 45 18.8	+0.4
121A	baz=118,SNR=18			PKIKP	PKIKP	00 48 58.9	-0.1
121A	baz=118			↑PP	PP	00 50 09.3	-5.4
Z20A	Nine Sixteen R	118.13	72	↑Pdif	Pdif	00 45 16.8	-1.6
Z20A	baz=118			PKIKP	PKIKP	00 48 59.0	-0.1
Z20A	baz=118,SNR=44			↑PP	PP	00 50 10.5	-4.2
HUMO	Hull Mountain	118.15	55	ePKPpdf	PKPpdf	00 48 58.6	-0.1
HUMO	comp=Z,55um,19.0s,MS7.2			LR	LR		
222A	Williams Famil	118.17	74	↑PKIKP	PKIKP	00 48 59.7	+0.5
222A	baz=118			↑PP	PP	00 50 09.8	-5.2
627A	Terlingua Ranc	118.18	78	↑Pdif	Pdif	00 45 20.1	+1.4
627A	baz=118,SNR=18			PKIKP	PKIKP	00 48 59.4	+0.1
627A	baz=118			↑PP	PP	00 50 13.0	-

Y20A	baz=119		PKIKP	00 49 00.3	-0.2
Y20A	baz=119,SNR=19		PP	00 50 16.8	-2.9
MOD	Modoc	118.86 57	PFAKE LR	00 49 10.0	+1.0
V17A	comp=Z,78um,20.0s,MS7.3		PKIKP	00 45 19.9	-1.8
V17A	Tonaleia, Kykot	118.86 68	PKIKP	00 48 59.5	-1.0
V17A	baz=119		PP	00 50 20.9	+1.1
R12A	baz=119		PP	00 50 20.9	+1.1
R12A	Pony Springs,	118.94 64	PKIKP	00 45 22.5	+0.4
R12A	baz=119		PP	00 50 20.8	+0.4
R12A	baz=119,SNR=39		PP	00 50 20.8	+0.4
CCUT	Cedar City	118.99 65	ePKP P	00 48 57.4	-3.1
CCUT	CCUT		ePP	00 50 18.8	-1.8
P10A	Eureka	118.99 62	PKIKP	00 45 22.2	-0.1
P10A	baz=119		PP	00 48 59.8	-0.8
P10A	baz=119,SNR=20		PP	00 50 20.2	-0.4
OHAK	Old Harbor	119.00 28	ePKP P	00 49 00.7	+0.8
224A	Corundas Mount	119.01 75	PKIKP	00 45 22.9	+0.5
224A	baz=119		PP	00 50 20.8	0.0
224A	baz=119,SNR=28		PP	00 50 20.8	0.0
M07A	Soldier Meadow	119.01 58	PKIKP	00 45 22.6	+0.3
M07A	baz=119		PP	00 48 58.6	-1.9
M07A	baz=119,SNR=34		PP	00 50 14.9	-5.8
W18A	Petrified Fore	119.04 70	PKIKP	00 45 22.6	+0.1
W18A	baz=119		PP	00 49 00.2	-0.6
W18A	baz=119		PP	00 50 19.2	-1.8
528A	Cox Ranch, San	119.06 78	PKIKP	00 45 23.3	+0.8
528A	baz=119		PP	00 48 57.7	-3.2
528A	baz=119		PP	00 50 18.9	-2.3
U16A	Red Dirt Ranch	119.09 66	PKIKP	00 45 23.5	+0.8
U16A	baz=119		PP	00 48 59.9	-0.9
U16A	baz=119,SNR=26		PP	00 50 18.7	-2.7
T15A	Red Dirt Ranch	119.09 66	PKIKP	00 45 22.9	0.0
T15A	baz=119		PP	00 48 59.9	-0.9
T15A	baz=119,SNR=16		PP	00 50 19.7	-1.7
R13A	O'Grain Ranch,	119.15 64	PKIKP	00 45 25.3	+2.3
R13A	baz=120		PP	00 49 00.4	-0.4
R13A	baz=120,SNR=20		PP	00 50 22.5	+0.7
HVS	Khovu-Aksy	119.16 319	ePKP P	00 49 00.6	+0.2
HVS	comp=Z,107um,20.0s,MS7.5		MLR	00 45 24.6	+1.4
K05A	Summer Lake	119.21 56	PKIKP	00 48 59.0	-1.8
K05A	baz=120		PP	00 50 21.6	-0.5
K05A	baz=120,SNR=18		PP	00 50 21.6	-0.5
W19A	Sanders	119.22 70	PKIKP	00 45 23.7	+0.4
W19A	baz=120		PP	00 48 58.9	-2.2
W19A	baz=120		PP	00 50 20.9	-1.4
BMN	Battle Mountai	119.23 60	ePKP P	00 49 00.8	-0.1
BMN	comp=Z,50um,20.0s,MS7.1		MLR	00 50 24.5	+1.1
427A	Hayter Ranch,	119.24 77	PKIKP	00 48 59.7	-1.6
427A	baz=120		PP	00 50 20.2	-2.2
427A	baz=120,SNR=16		PP	00 50 20.2	-2.2
S14A	Cedar City	119.25 65	PKIKP	00 45 25.8	+2.4
S14A	baz=120		PP	00 48 59.0	-2.1
S14A	baz=120,SNR=11		PP	00 50 23.2	+0.7
X20A	Quemado	119.27 71	PKIKP	00 45 25.0	+1.5
X20A	baz=120		PP	00 49 01.0	-0.2
X20A	baz=120		PP	00 50 22.7	+0.1
326A	Caldwell Ranch	119.28 77	PKIKP	00 45 23.0	-0.6
326A	baz=120		PP	00 48 58.6	-2.8
326A	baz=120,SNR=9.5		PP	00 50 20.6	-2.0
P11A	Circle Ranch,	119.29 62	PKIKP	00 45 24.8	+1.1
P11A	baz=120		PP	00 49 00.3	-0.8
P11A	baz=120,SNR=31		PP	00 50 22.1	-0.7
Y21A	Point of Rocks	119.30 72	PKIKP	00 45 24.3	+0.6
Y21A	baz=120		PP	00 49 00.3	-1.1
Y21A	baz=120,SNR=21		PP	00 50 23.2	+0.3
Q12A	Willow Creek R	119.37 63	PKIKP	00 45 25.7	+1.7
Q12A	baz=120		PP	00 48 59.7	-1.6
Q12A	baz=120,SNR=32		PP	00 50 21.4	-1.9
V18A	Ganado	119.39 69	PKIKP	00 45 26.1	+2.0
V18A	baz=120		PP	00 49 01.4	-0.1
V18A	baz=120,SNR=22		PP	00 50 21.8	-1.6
L07A	Adell	119.41 58	PKIKP	00 45 25.8	+1.7
L07A	baz=120		PP	00 49 00.6	-0.7
L07A	baz=120,SNR=40		PP	00 50 18.8	-4.7
225A	Deer Hill, Car	119.42 75	PKIKP	00 45 24.1	-0.1
225A	baz=120		PP	00 48 59.6	-2.0
225A	baz=120,SNR=12		PP	00 50 21.4	-2.3
YAK	Yakutsk	119.45 345	ePKP P	00 48 59.8	-0.8
YAK	comp=Z,54um,1.0s		MLR	00 49 03.9	
YAK	comp=Z,20um,21.0s,MS6.7		MLR	01 00 11.2	+0.3
YAK	comp=N,17um,19.0s,MS6.8		MLR	01 06 52.7	+6.8
YAK	comp=E,12um,23.0s,MS6.8		MLR		
YAK	Yakutsk	119.45 345	ePKP P	00 48 59.9	-0.7
YAK	comp=Z,19um,19.0s,MS6.7		MLR	00 50 17.3	-6.1
O10A	Cortez Mining,	119.48 61	PKIKP	00 45 26.3	+1.9
O10A	baz=120		PP		

O10A	baz=120		PKIKP	00 49 01.9	+0.5
O10A	baz=120		PP	00 50 23.2	-0.8
COR	Corvallis	119.52 53	ePKP P	00 49 00.5	-0.8
COR	comp=Z,71um,20.0s,MS7.3		MLR	00 50 23.6	
COR	Stringfield Ra	119.52 74	PKIKP	00 45 26.3	+1.6
124A	baz=120		PP	00 48 59.4	-2.3
124A	baz=120		PP	00 50 23.6	-0.8
T16A	Glen Canyon Da	119.52 67	PKIKP	00 45 26.3	+1.7
T16A	baz=120		PP	00 48 59.9	-1.7
T16A	baz=120		PP	00 50 23.3	-1.1
TEIG	Tepich	119.52 97	PFAKE LR	00 49 10.0	+7.9
SDV	comp=Z,41um,19.0s,MS7.1		PKP	00 45 24.6	-0.2
SDV	comp=Z,0.6nm,0.3s,ba=287,slow=4.2,SNR=1.3		PKP	00 49 01.3	-1.0
SDV	comp=Z,11nm,0.8s,ba=244,slow=2.9,SNR=11.1		PKP	00 50 23.5	-0.6
SDV	comp=Z,5.3nm,0.8s,ba=177,slow=5.0,SNR=5.3		PKP	00 59 12.6	+1.5
SDV	comp=Z,9.7nm,0.8s,ba=74,slow=6.0,SNR=6.0		PKP	01 00 10.2	-2.1
SDV	comp=Z,2.9nm,0.8s,ba=271,slow=7.7,SNR=9.9		PKP	01 02 58.6	
SDV	comp=Z,6.8nm,0.8s,ba=31,slow=4.7,SNR=3.4		PKP	01 03 11.6	
SDV	comp=Z,14nm,1.0s,ba=315,slow=4.3,SNR=3.9		PKP		
SDV	Santo Domingo	119.54 121	PKIKP	00 45 24.6	-0.2
SDV	comp=Z,2.9um,21.0s,MS6.9		PKP	00 49 00.6	-1.8
SDV	baz=120		PP	00 50 22.6	-1.5
428A	Kincaid Ranch,	119.54 78	PKIKP	00 45 26.3	+1.5
428A	baz=120		PP	00 49 00.7	-1.2
428A	baz=120,SNR=51		PP	00 50 24.0	-0.5
X21A	Alamocita Cree	119.58 71	PKIKP	00 45 26.0	+1.1
X21A	baz=120		PP	00 49 01.6	-0.3
X21A	baz=120,SNR=16		PP	00 50 22.5	-2.2
327A	Balmorhea Ranc	119.59 77	PKIKP	00 45 27.2	+2.3
327A	baz=120		PP	00 48 59.1	-2.8
327A	baz=120		PP	00 50 24.1	-0.7
S15A	Panguitch	119.60 66	PKIKP	00 45 26.9	+1.9
S15A	baz=120		PP	00 49 00.9	-0.9
S15A	baz=120		PP	00 50 24.2	-0.6
P12A	McGill	119.66 63	PKIKP	00 45 26.2	+1.0
P12A	baz=120		PP	00 49 00.2	-1.6
P12A	baz=120,SNR=19		PP	00 50 23.2	-2.1
ULH	Ulath	119.67 302	PKIKP	00 49 01.0	-0.7
ULH	comp=Z,8.5nm,0.9s,ba=110,slow=12.0,SNR=2.0		PKP	00 45 25.8	+0.5
U17A	Shonto	119.67 68	PKIKP	00 49 01.0	-0.9
U17A	baz=120		PP	00 50 23.6	-1.8
U17A	baz=120,SNR=24		PP	00 50 23.6	-1.8
KDAK	Kodiak Island	119.68 28	PKIKP	00 49 04.6	+3.4
KDAK	comp=Z,8.5nm,0.9s,ba=110,slow=12.0,SNR=2.0		PKP	01 06 51.8	+2.7
KDAK	Kodiak Island	119.68 28	PFAKE LR	00 49 10.0	+8.8
W20A	Ramah	119.71 70	PKIKP	00 45 25.5	0.0
W20A	comp=Z,52um,19.0s,MS7.2		PKP	00 49 01.4	-0.6
W20A	baz=120		PP	00 50 28.0	+2.4
Q13A	Wheeler Ranch,	119.72 64	PKIKP	00 45 25.9	+0.5
Q13A	baz=120		PP	00 49 01.1	-0.8
Q13A	baz=120		PP	00 50 24.9	-0.8
R14A	James Farms, M	119.73 65	PKIKP	00 45 27.6	+2.0
R14A	baz=120		PP	00 49 01.9	-0.1
R14A	baz=120		PP	00 50 23.7	-2.1
GD2	Guadalupe Moun	119.74 76	ePKP P	00 49 01.2	-0.9
Y22D	IRIS PASCALI	119.76 72	PKIKP	00 45 24.7	-0.9
Y22D	baz=120		PP	00 49 01.9	-0.3
Y22D	baz=120		PP	00 50 26.5	+0.5
226A	Malaga, Loving	119.78 76	PKIKP	00 45 25.1	-0.6
226A	baz=120		PP	00 49 01.5	-0.8
226A	baz=120,SNR=13		PP	00 50 26.1	-0.1
O11A	Cowboy Ranch,	119.78 62	PKIKP	00 45 23.7	-2.1
O11A	baz=120		PP	00 49 02.0	-0.1
O11A	baz=120,SNR=23		PP	00 50 25.0	-1.1
KVTX	Kingsville	119.80 84	PFAKE LR	00 49 10.0	+7.6
N10A	Dunphy	119.80 61	PKIKP	00 45 26.5	+0.7
N10A	comp=Z,65um,19.0s,MS7.3		PKP	00 49 02.1	+0.1
N10A	baz=120		PP	00 50 24.7	-1.6
LENM	Window Rock	119.80 72	ePKP P	00 49 01.6	-0.7
V19A	Window Rock	119.86 70	PKIKP	00 45 26.6	+0.4
V19A	baz=120		PP	00 49 01.7	-0.6
V19A	baz=120		PP	00 50 25.1	-1.6
LAZ	Ladron	119.89 72	ePKP P	00 49 01.8	-0.5
LAZ	comp=Z,20um,21.0s,MS6.7		MLR	00 50 26.8	-0.1
T17A	Navajo Res., N	119.90 67	PKIKP	00 45 24.3	-2.0
T17A	baz=120		PP	00 49 01.4	-0.9
T17A	baz=120,SNR=36		PP	00 50 26.0	-0.9
125A	Gardner Draw,	119.92 75	PKIKP	00 45 25.8	-0.6
125A	baz=120		PP	00 49 00.6	-2.0
125A	baz=120,SNR=39		PP	00 50 26.8	-0.4
U18A	Rough Rock, Ch	119.95 69	PKIKP	00 45 26.0	-0.6
U18A	baz=120		PP	00 49 01.9	-0.6
U18A	baz=120,SNR=54		PP	00 50 27.7	+0.4
BNN	Barren Site	119.98 73	ePKP P	00 49 02.0	-0.6
L08A	Fields	120.02 58	PKIKP	00 45 27.0	+0.1
L08A	baz=120		PP	00 49 00.1	-2.3
L0					

Table with columns: PDAR, Pinedale Array, 124.81, 64, PKP, PKPdf, 00 49 10.1, -1.5. Includes rows for PDAR, PDAR, PDAR, NATX, NATX, L20A, L20A, L20A, LOHW, LOHW, J18A, J18A, J18A, KURK, KURK, KURK, IMW, IMW, A09A, A09A, A09A, CHUM, CHUM, PNL, PNL, D12A, D12A, D12A, RDF, RDF, KTH, KTH, G15A, G15A, B10A, B10A, B10A, M21A, M21A, M21A, NEW, NEW, NEW, F14A, F14A, F14A, I17A, I17A, I17A, TRF, DLMT, DLMT, KBD, KBD, E13A, E13A, E13A, K19A, K19A, K19A, RWWY, RWWY, I18A, I18A, I18A, K20A, K20A, K20A, M22A, M22A, M22A, L21A, L21A, L21A, L21A, H16A, H16A, H16A, H16A, QLMT, QLMT, YFT, YFT, A10A, A10A, A10A, A10A, G16A, G16A, G16A, H17A, H17A, H17A, H17A, YMR, YMR, C12B, C12B, C12B, NAY, NAY, NAY.

Table with columns: Clinton, 125.48, 58, PDiff, Pdif, 00 45 53.1, +1.9. Includes rows for Clinton, Clinton, Clinton, Huson, Huson, D13A, D13A, D13A, F15A, F15A, F15A, LRM, LRM, LRM, B11A, B11A, B11A, LMG, LMG, YNR, YNR, MGV, MGV, LKWW, LKWW, LKWW, MCK, MCK, Bozeman (W), Bozeman (W), Bozeman (W), BOZ, BOZ, BOZ, C13A, C13A, C13A, PHW, PHW, L22A, L22A, L22A, BSMT, BSMT, E15A, E15A, E15A, F16A, F16A, F16A, A11A, A11A, A11A, D14A, D14A, D14A, D14A, CHAM, CHAM, PAX, PAX, PAX, B12A, B12A, B12A, SWMT, SWMT, NVS, NVS, NVS, G17A, G17A, G17A, G17A, JMT, JMT, SLIT, SLIT, SKAG, SKAG, A12A, A12A, A12A, YBM, YBM, RYC, RYC, C14A, C14A, C14A, C14A, D15A, D15A, D15A, D15A, MENT, MENT, B13A, B13A, B13A, B13A, E16A, E16A, E16A, E16A, HRY, HRY, F17A, F17A, F17A, F17A, GTBY, GTBY, GTBY, GRGR, GRGR, GRGR, G18A, G18A, G18A, G18A, RLMT, RLMT, RLMT.

Table with columns: RLMT, RLMT, RLMT, RLMT, E17A, E17A, E17A, HLGC, HLGC, A13A, A13A, A13A, D16A, D16A, D16A, C15A, C15A, C15A, GCMT, GCMT, COLA, COLA, F18A, F18A, F18A, CBKS, CBKS, CBKS, WALA, WALA, MASC, MASC, DLBC, DLBC, DLBC, DLBC, DLBC, DLBC, DLBC, DLBC, B15A, B15A, B15A, C16A, C16A, C16A, A14A, A14A, A14A, E18A, E18A, E18A, D17A, D17A, D17A, OGNE, OGNE, OGNE, MIAR, MIAR, MIAR, VBMS, VBMS, VBMS, A15A, A15A, A15A, C17A, C17A, C17A, B16A, B16A, B16A, D18A, D18A, D18A, B17A, B17A, B17A, A16A, A16A, A16A, COLD, COLD, COLD, COLD, Gun Hill, Gun Hill, EGMT, EGMT, EGMT, EGMT, DAWY, DAWY, EGAK, EGAK, BRAL, BRAL, BRAL, A17A, A17A, A17A, RSSD, RSSD, RSSD.

SGMF	13nm,0.2s	eSg	Sg	00 31 01.8 -0.1
SGMF	Saint Gilles	1.19	3 ePn	Pn 00 30 45.7 0.0
SGMF			ePn	Pg 00 30 46.9 +0.5
SGMF			eSg	Pg 00 31 01.8 -0.1
SGMF	Saint Gilles	1.19	3 ePn	Pn 00 30 45.7 0.0
SGMF	Saint Gilles	1.19	3 ePn	Pg 00 30 46.9 +0.5
SGMF	SNR=1.0			
SGMF	6.4nm,0.2s	eSg	Sg	00 31 01.8 -0.1
RENF	Rennes	1.25	33 Pg	Pg 00 30 48.3 +0.6
RENF			Sg	Pg 00 31 05.8 +1.8
ROSF	Rostreren	1.33	342 ePn	Pg 00 30 49.0 -0.3
ROSF	SNR=1.0			
ROSF	11nm,0.2s	eSg	Sg	00 31 05.7 -0.9
ROSF	Rostreren	1.33	342 ePn	Pn 00 30 47.4 -0.3
ROSF			ePn	Pg 00 30 49.0 -0.3
ROSF			eSg	Pg 00 31 05.7 -0.9
ROSF	Rostreren	1.33	342 ePn	Pn 00 30 47.4 -0.3
ROSF	Rostreren	1.33	342 ePn	Pg 00 30 49.0 -0.3
ROSF	SNR=1.0			
ROSF	5.6nm,0.2s	eSg	Sg	00 31 05.7 -0.9
BST	Brest	1.56	323 Pg	Pg 00 30 53.0 -0.5
BST	Brest	1.56	323 Pg	Pg 00 30 53.0 -0.5
MFF	Saint Martin d	1.78	104 ePn	Pg 00 30 58.6 +0.8
MFF	SNR=1.0			
MFF	9.1nm,0.2s	eSg	Sg	00 31 21.9 +1.0
MFF	Saint Martin d	1.78	104 ePn	Pn 00 30 54.9 +1.0
MFF			ePn	Pg 00 30 58.6 +0.8
MFF			eSg	Pg 00 31 21.9 +1.0
MFF	Saint Martin d	1.78	104 ePn	Pn 00 30 54.9 +1.0
MFF	Saint Martin d	1.78	104 ePn	Pg 00 30 58.6 +0.8
MFF	SNR=1.0			
GRR	4.6nm,0.2s	eSg	Sg	00 31 21.9 +1.0
GRR	Gorron	1.79	42 ePn	Pg 00 30 58.3 +0.4
GRR	SNR=1.0			
GRR	5.9nm,0.2s	eSg	Sg	00 31 21.5 +0.4
GRR	Gorron	1.79	42 ePn	Pn 00 30 54.7 +0.7
GRR			ePn	Pg 00 30 58.3 +0.4
GRR			eSg	Pg 00 31 21.5 +0.4
GRR	Gorron	1.79	42 ePn	Pn 00 30 54.7 +0.7
GRR	Gorron	1.79	42 ePn	Pg 00 30 58.3 +0.4
GRR	SNR=1.0			
GRR	3.0nm,0.2s	eSg	Sg	00 31 21.5 +0.4
CHIF	Chize	1.81	120 Pg	Pg 00 30 58.6 +0.3
CHIF			Sg	Pg 00 31 23.3 +1.6
CHIF	Chize	1.81	120 Pg	Pg 00 30 58.6 +0.3
CHIF			Sg	Pg 00 31 23.3 +1.6
FLN	La Foliiniere	2.23	40 ePn	Pg 00 31 00.7 +0.6
FLN	baz=218			
FLN	La Foliiniere	2.23	40 ePn	Pg 00 31 06.1 -0.3
FLN	baz=218,SNR=1.0			
FLN	5.3nm,0.3s	eSg	Sg	00 31 35.3 0.0
FLN	La Foliiniere	2.23	40 ePn	Pn 00 31 00.7 +0.6
FLN			ePn	Pg 00 31 06.1 -0.3
FLN			eSg	Pg 00 31 35.3 0.0
LDF	2.7nm,0.3s	eSg	Sg	00 31 07.0 -0.4
LDF	La Druitiere	2.28	47 ePn	Pg 00 31 37.3 +0.3
LDF			ePn	Pg 00 31 07.0 -0.4
LDF			eSg	Pg 00 31 37.3 +0.3
LDF	12nm,0.5s,SNR=1.0			
LDF	La Druitiere	2.28	47 ePn	Pn 00 31 01.4 +0.6
LDF			ePn	Pg 00 31 07.0 -0.4
LDF			eSg	Pg 00 31 37.3 +0.3
LDF	La Druitiere	2.28	47 ePn	Pg 00 31 01.4 +0.6
LDF	La Druitiere	2.28	47 ePn	Pg 00 31 07.0 -0.4
LDF			ePn	Pg 00 31 37.3 +0.3
LDF			eSg	Pg 00 31 07.0 -0.4
LDF	5.8nm,0.5s,SNR=1.0			
LDF	La Frestale	3.18	131 ePn	Pg 00 31 23.5 -1.0
LDF			ePn	Pg 00 32 05.6 -0.1
LDF			eSg	Pg 00 31 13.8 +0.7
LDF	9.4nm,0.5s	eSg	Sg	00 31 07.0 -0.4
LDF	La Frestale	3.18	131 ePn	Pn 00 31 13.8 +0.7
LDF			ePn	Pg 00 32 05.6 -0.1
LDF			eSg	Pg 00 31 13.8 +0.7
LDF	La Frestale	3.18	131 ePn	Pg 00 31 23.5 -1.0
LDF	La Frestale	3.18	131 ePn	Pg 00 32 05.6 -0.1
LDF			ePn	Pg 00 31 13.8 +0.7
LDF			eSg	Pg 00 31 23.5 -1.0
LDF	4.7nm,0.5s	eSg	Sg	00 32 05.6 -0.1
RJF	Les Rejaudoux	3.39	120 ePn	Pg 00 31 27.8 -0.7
RJF			ePn	Pg 00 31 55.5 -0.4
RJF			eSg	Pg 00 32 12.5 +0.1
RJF	2.1nm,0.2s,SNR=1.0			
RJF	Les Rejaudoux	3.39	120 ePn	Pn 00 31 16.6 +0.6
RJF			ePn	Pg 00 31 27.8 -0.7
RJF			eSg	Pg 00 31 55.5 -0.4
RJF			eSg	Pg 00 32 12.5 +0.1
RJF	Les Rejaudoux	3.39	120 ePn	Pn 00 31 16.6 +0.6
RJF	Les Rejaudoux	3.39	120 ePn	Pg 00 31 27.8 -0.7
RJF			ePn	Pg 00 31 55.5 -0.4
RJF			eSg	Pg 00 32 12.5 +0.1
TCF	1.0nm,0.2s,SNR=1.0			
TCF	Toulx Ste Croi	3.44	101 ePn	Pg 00 31 29.3 -0.1
TCF			ePn	Pg 00 31 55.8 -1.2
TCF			eSg	Pg 00 32 13.5 -0.4
TCF	3.5nm,0.3s,SNR=1.0			
TCF	Toulx Ste Croi	3.44	101 ePn	Pn 00 31 17.5 +0.9
TCF			ePn	Pg 00 31 29.3 -0.1
TCF			eSg	Pg 00 31 55.8 -1.2
TCF			eSg	Pg 00 32 13.5 -0.4
TCF	Toulx Ste Croi	3.44	101 ePn	Pn 00 31 17.5 +0.9
TCF	Toulx Ste Croi	3.44	101 ePn	Pg 00 31 29.3 -0.1
TCF			ePn	Pg 00 31 55.8 -1.2
TCF			eSg	Pg 00 32 13.5 -0.4
TCF	1.8nm,0.3s,SNR=1.0			
HYF	Humbigny	3.61	85 ePn	Pn 00 31 19.8 +0.8
HYF			ePn	Pg 00 32 19.6 +0.1
HYF			eSg	Pg 00 31 19.8 +0.8
HYF	Humbigny	3.61	85 ePn	Pn 00 31 19.8 +0.8
HYF			ePn	Pg 00 32 19.6 +0.1
HYF			eSg	Pg 00 31 19.8 +0.8
BGF	Bois d'Agland	3.81	96 ePn	Pg 00 31 36.4 -0.1
BGF			ePn	Pg 00 32 05.8 -0.4
BGF			eSg	Pg 00 32 25.8 0.0
BGF	5.7nm,0.3s,SNR=1.0			
BGF	Bois d'Agland	3.81	96 ePn	Pn 00 31 22.2 +0.5
BGF			ePn	Pg 00 31 36.4 -0.1
BGF			eSg	Pg 00 32 05.8 -0.4
BGF			eSg	Pg 00 32 25.8 0.0
BGF	Bois d'Agland	3.81	96 ePn	Pn 00 31 22.2 +0.5
BGF	Bois d'Agland	3.81	96 ePn	Pg 00 31 36.4 -0.1
BGF			ePn	Pg 00 32 05.8 -0.4
BGF			eSg	Pg 00 32 25.8 0.0
CAF	2.8nm,0.3s,SNR=1.0			
CAF	Calviac	3.92	121 ePn	Pg 00 31 38.2 -0.5
CAF			ePn	Pg 00 32 08.7 -0.4
CAF			eSg	Pg 00 32 29.2 -0.3
CAF	1.4nm,0.3s	eSg	Sg	00 31 23.5 +0.2
CAF	Calviac	3.92	121 ePn	Pn 00 31 38.2 -0.5
CAF			ePn	Pg 00 32 08.7 -0.4
CAF			eSg	Pg 00 32 29.2 -0.3
CAF	Calviac	3.92	121 ePn	Pn 00 31 23.5 +0.2
CAF	Calviac	3.92	121 ePn	Pg 00 31 38.2 -0.5
CAF			ePn	Pg 00 32 08.7 -0.4
CAF			eSg	Pg 00 32 29.2 -0.3
CAF	0.7nm,0.3s	eSg	Sg	00 31 23.5 +0.2
CAF	Avril sur Loir	4.12	92 ePn	Pn 00 31 26.6 +0.6
CAF			ePn	Pg 00 32 13.1 -0.8
CAF			eSg	Pg 00 32 35.9 +0.1
CAF	0.5nm,0.2s	eSg	Sg	00 31 26.6 +0.6
CAF	Avril sur Loir	4.12	92 ePn	Pn 00 32 13.1 -0.8
CAF			ePn	Pg 00 32 35.9 +0.1
CAF			eSg	Pg 00 31 26.6 +0.6
CAF	0.2nm,0.2s	eSg	Sg	00 31 43.3 -0.8
CAF	Saint Saulge	4.21	88 ePn	Pg 00 32 16.4 +0.4
CAF	SNR=1.0			
CAF	2.7nm,0.5s	eSg	Sg	00 32 37.1 -1.5
CAF	Saint Saulge	4.21	88 ePn	Pn 00 31 27.6 +0.4
CAF			ePn	Pg 00 31 43.3 -0.8
CAF			eSg	Pg 00 32 16.4 +0.4

SSF	Saint Saulge	4.21	88 ePn	Pn 00 32 37.1 -1.5
SSF	Saint Saulge	4.21	88 ePn	Pg 00 31 27.6 +0.4
SSF			ePn	Pg 00 31 43.3 -0.8
SSF			eSg	Pg 00 32 16.4 +0.4
SSF	SNR=1.0			
SSF	1.4nm,0.5s	eSg	Sg	00 32 37.1 -1.5
LOR	Lormes	4.44	85 ePn	Pg 00 31 48.0 -0.6
LOR	baz=271			
LOR	1.4nm,0.2s	eSg	Sg	00 32 20.9 -1.0
LOR	Lormes	4.44	85 ePn	Pn 00 32 45.7 -0.5
LOR			ePn	Pg 00 31 30.9 +0.5
LOR			eSg	Pg 00 31 48.0 -0.6
LOR	Lormes	4.44	85 ePn	Pn 00 32 20.9 -1.0
LOR			ePn	Pg 00 32 45.7 -0.5
LOR			eSg	Pg 00 32 45.7 -0.5
LOR	Lormes	4.44	85 ePn	Pn 00 31 30.9 +0.5
LOR	Lormes	4.44	85 ePn	Pg 00 31 48.0 -0.6
LOR	baz=271			
LOR	baz=260			
LOR	0.7nm,0.2s	eSg	Sg	00 32 20.9 -1.0
SMF	Signal de Mont	4.47	93 ePn	Pn 00 31 31.4 +0.6
SMF			ePn	Pg 00 32 21.4 -1.2
SMF			eSg	Pg 00 32 46.5 -0.6
SMF	0.6nm,0.2s	eSg	Sg	00 31 31.4 +0.6
SMF	Signal de Mont	4.47	93 ePn	Pn 00 32 21.4 -1.2
SMF			ePn	Pg 00 32 46.5 -0.6
SMF			eSg	Pg 00 32 46.5 -0.6
SMF	0.3nm,0.2s	eSg	Sg	00 32 46.5 -0.6

JHR	Hokuryu	4.20	271 P	Pn 00 47 32.5 +3.0
JWK	Keikoku	4.28	292 P	Pn 00 47 34.4 +3.7
JYG	Yagishiri	4.43	280 P	Pn 00 47 35.5 +2.8
JEW	Eniwo	4.54	259 P	Pn 00 47 36.1 +1.9
YSS	Yuzh-Sakhalins	4.58	315 P/PN	Pn 00 47 37.0 +2.2
YSS			eS	Pn 00 48 29.0 +2.4
YSS	comp=Z,3um,0.8s			pmax pmax
YSS	comp=N,1um,1.0s			smax
YSS	comp=E,1um,1.0s			smax
YSS	Yuzh-Sakhalins	4.58	315 P/PN	Pn 00 47 37.0 +2.2
YSS			P/PN	Pn 00 47 37.0 +2.2
YSS	comp=E,3um,0.8s			AMB AMB
YSS	comp=E,1um,1.0s			eS Sn 00 48 29.0 +2.4
YSS	comp=E,5um,16.0s			AMS AMS 00 49 04.0
YSS	Yuzh-Sakhalins	4.58	315 ePn	Pn 00 47 37.1 +2.3
UGL	Uglegorsk	6.46	326 ePn	Pn 00 48 03.0 +2.6
UGL			AMB	Pn 00 48 06.5
UGL	comp=E,260nm,0.8s			eS Sn 00 49 18.0 +5.4
UGL			A	Pn 00 49 24.0
UGL	comp=E,8um,5.0s			A 00 49 24.0
UGL	comp=E,5um,4.0s			A 00 49 28.0
UGL	comp=E,2um,1.1s			A 00 49 28.0
UGL	comp=E,3um,1.1s			A 00 49 28.0
TYV	Tymnovskoe	7.77	337 eP	Pn 00 48 20.0 +1.7
TYV			AMB	Pn 00 48 42.0
TYV	comp=E,154nm,1.0s			AMB AMB 00 48 42.0
TYV	comp=E,55nm,0.8s			AMB AMB 00 48 42.0
TYV	comp=E,220nm,0.8s			AMB AMB 00 48 42.0
TEY	Ternei	7.91	283 i P	Pn 00 48 24.0 +3.7
TEY			AMB	Pn 00 48 24.5
TEY	comp=E,163nm,1.0s			AMB AMB 00 48 24.5
TEY	comp=E,13nm,0.8s			AMB AMB 00 48 24.5
TEY	comp=E,194nm,1.0s			AMB AMB 00 48 24.5
TEY	comp=E,7um,13.0s			AMB AMB 00 48 29.0
TEY	comp=E,15um,12.0s			AMB AMB 00 48 29.0
TEY	comp=E,2um,12.0s			AMB AMB 00 48 29.0
TEY	comp=E,19um,19.0s			eLR LR 00 52 42.0
TEY	comp=E,13um,17.0s			AMS AMS 00 52 50.0
TEY	comp=E,6um,20.0s			AMS AMS 00 52 50.0
SKR	Severo-Kuril'sk	9.00	37 ePn	Pn 00 48 29.2 -5.9
SKR			pmax	Pn 00 48 29.2 -5.9
SKR	comp=N,230nm,0.5s			pmax pmax
SKR	comp=E,110nm,0.5s			pmax pmax
SKR	comp=E,540nm,0.5s			pmax pmax
JHK	Hiroka	9.23	227 P	Pn 00 48 36.9 -1.4
OKH	Okha	10.18	344 eP	Pn 00 48 53.0 +1.7
OKH			eS	Pn 00 50 47.2 +3.5
MAJO	Matsushiro	10.18	228 ePn	Pn 00 48 50.0 -1.4
MAT	Matsushiro	10.18	228 P	Pn 00 48 49.4 -2.0
MAT			S	Pn 00 50 39.3 +4.1
MAT	Matsushiro	10.18	228 P	Pn 00 48 50.0 -1.4
MJAR	Matsushiro Arr	10.18	227 P	Pn 00 48 49.8 -1.6
MJAR	comp=Z,7.5nm,0.3s,baz=29,slow=14,SNR=98			S
MJAR	comp=Z,3.1slow=45,SNR=1.5			Pn 00 50 36.6 -7.3
JRY	Ryogami san			

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like VSR, VSU, M11A, L12A, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like DGMT, Q11A, S10A, CWC, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like K19A, NLU, R13A, MWC, etc.

N20A	Spence Gulch, baz=71, SNR=29	71.66	51	↑P	P	00 57 43.3 +0.5
RWWY	Rawlins comp=Z, 96nm, 0.9s, mb5.7	71.67	50	eP	P	00 57 42.8 0.0
AKASG	Malin Array Be 71.67 324 P	71.67	324	P	P	00 57 42.1 -0.6
AKASG	comp=Z, 110nm, 0.7s					
AKASG	Malin Array Be 71.67 324 P	71.67	324	P	P	00 57 42.1 -0.6
AKASG	comp=Z, 110nm, 0.7s, mb5.9, baz=39, slow=6.1, SNR=165					
KIEV	Kiev 71.68 324 eP	71.68	324	eP	P	00 57 42.4 -0.4
KIEV	Kiev 71.68 324 eP	71.68	324	eP	P	00 57 42.3 -0.4
RSSD	Black Hills 71.70 46 eP	71.70	46	eP	P	00 57 42.7 -0.3
RSSD	comp=Z, 63nm, 0.8s, mb5.6					
RSSD	Black Hills 71.70 46 eP	71.70	46	eP	P	00 57 42.7 -0.3
RSSD	comp=Z, 63nm, 0.8s, mb5.6					
U14A	Mt Trumbull 71.72 57 ↑P	71.72	57	↑P	P	00 57 43.9 +0.6
U14A	comp=Z, 110nm, 0.7s, mb5.9					
SOC	Sochi 71.74 313 eP	71.74	313	eP	P	00 57 43.5 +0.3
SOC	comp=Z, 99nm, 0.6s, mb5.9					
SOC	Sochi 71.74 313 iP	71.74	313	iP	P	00 57 43.7 +0.5
ODD1	Odda 71.75 340 ↑P	71.75	340	↑P	P	00 57 42.1 -0.9
ODD1	comp=Z, 194nm, 1.4s, mb5.8					
ODD1	Odda 71.75 340 ↑P	71.75	340	↑P	P	00 57 42.1 -0.9
ODD1	comp=Z, 194nm, 1.4s, mb5.8					
Q18A	Rafter H Ranch 71.75 53 ↓P	71.75	53	↓P	P	00 57 43.1 -0.2
Q18A	baz=72, SNR=19					
T15A	Red Dirt Ranch 71.81 56 P	71.81	56	P	P	00 57 44.1 +0.4
T15A	baz=72, SNR=13					
L22A	Ellis Ranch, M 71.86 49 ↑P	71.86	49	↑P	P	00 57 43.9 0.0
L22A	baz=72, SNR=29					
R17A	Hanksville Air 71.87 54 ↓P	71.87	54	↓P	P	00 57 43.5 -0.6
R17A	baz=72, SNR=24					
IRM	Iron Mountain 71.99 60 ↓P	71.99	60	↓P	P	00 57 44.7 -0.2
IRM	baz=72, SNR=24					
BAR	Barrett 71.99 62 eP	71.99	62	eP	P	00 57 44.5 -0.4
BAR	comp=Z, 36nm, 0.9s, mb5.3					
MONP	Monument Peak 72.02 62 ↑P	72.02	62	↑P	P	00 57 45.0 -0.1
MONP	baz=72, SNR=11					
P19A	Cripps Cowboy 72.06 52 ↓P	72.06	52	↓P	P	00 57 44.7 -0.5
P19A	baz=72, SNR=26					
ANN	Anapa 72.08 315 eP	72.08	315	eP	P	00 57 43.8 -1.4
ANN	comp=Z, 184nm, 1.2s, mb5.9					
ANN	Anapa 72.08 315 eP	72.08	315	eP	P	01 07 01.1 -1.0
N21A	Black Mountain 72.12 50 ↑P	72.12	50	↑P	P	00 57 45.2 -0.3
N21A	baz=72, SNR=17					
BC3	Big Chuck Mtn 72.13 60 ↓P	72.13	60	↓P	P	00 57 45.3 -0.4
BC3	baz=72, SNR=22					
O20A	White River G1 72.14 51 ↓P	72.14	51	↓P	P	00 57 45.5 -0.2
O20A	baz=72, SNR=16					
W13A	Hualapai Mount 72.16 58 ↑P	72.16	58	↑P	P	00 57 45.2 -0.7
W13A	baz=72, SNR=15					
M22A	Cedar Creek Ra 72.20 49 ↑P	72.20	49	↑P	P	00 57 45.8 -0.2
M22A	baz=72, SNR=24					
U15A	North Rim 72.25 56 ↑P	72.25	56	↑P	P	00 57 46.6 +0.1
U15A	baz=72, SNR=32					
V14A	Boquillas Ranc 72.28 58 ↓P	72.28	58	↓P	P	00 57 47.2 +0.6
V14A	baz=72, SNR=41					
COCO	West Island 72.33 233 iP	72.33	233	iP	P	00 57 46.4 -0.6
COCO	comp=Z, 170nm, 0.8s, mb5.9					
S17A	Black Ridge (B 72.34 55 ↑P	72.34	55	↑P	P	00 57 46.7 -0.2
S17A	baz=72, SNR=32					
Q19A	Hogan Spring (I 72.35 53 ↓P	72.35	53	↓P	P	00 57 46.4 -0.6
Q19A	baz=72, SNR=37					
T16A	Glen Canyon Da 72.36 56 ↑P	72.36	56	↑P	P	00 57 45.4 -1.6
T16A	baz=72, SNR=13					
R18A	Canyonlands Na 72.37 54 ↓P	72.37	54	↓P	P	00 57 46.5 -0.6
R18A	baz=72, SNR=19					
SWSC	Sam W. Stewart 72.38 61 ↑P	72.38	61	↑P	P	00 57 46.7 -0.6
SWSC	baz=72, SNR=12					
O21A	Pagoda 72.52 51 ↓P	72.52	51	↓P	P	00 57 47.3 -0.7
O21A	baz=72, SNR=12					
X13A	Yucca 72.53 59 ↓P	72.53	59	↓P	P	00 57 47.8 -0.3
X13A	baz=72, SNR=38					
PDMCI	Parker Dam, Lak 72.53 59 ↓P	72.53	59	↓P	P	00 57 47.6 -0.5
PDMCI	baz=72, SNR=11					
W14A	Selinger 72.58 58 ↑P	72.58	58	↑P	P	00 57 48.5 +0.1
W14A	baz=72, SNR=35					
Y12C	Blythe 72.65 60 ↓P	72.65	60	↓P	P	00 57 48.5 -0.3
Y12C	baz=72, SNR=12					
AGMM	Agassiz Refugia 72.71 39 eP	72.71	39	eP	P	00 57 48.0 -0.9
AGMM	comp=Z, 170nm, 0.8s, mb5.9					
V15A	Kaibab Nationa 72.73 57 ↓P	72.73	57	↓P	P	00 57 50.0 -0.7
V15A	baz=72, SNR=22					
T17A	Navajo Res., N 72.76 55 ↑P	72.76	55	↑P	P	00 57 49.0 -0.5
T17A	baz=72, SNR=11					
S18A	Hurst Farm, BI 72.78 54 P	72.78	54	P	P	00 57 49.5 0.0
S18A	baz=72, SNR=37					
R19A	Curley Farm, L 72.80 53 ↑P	72.80	53	↑P	P	00 57 49.5 -0.2
R19A	baz=72, SNR=18					
PHWY	Pilot Hill 72.89 49 eP	72.89	49	eP	P	00 57 50.0 -0.1
PHWY	comp=Z, 199nm, 2.1s, mb5.7					
Q20A	Ridgley Place, 72.91 52 eP	72.91	52	eP	P	00 57 50.1 -0.1
Q20A	baz=73, SNR=18					
GLA	Glamis 72.92 61 eP	72.92	61	eP	P	00 57 50.5 +0.1
GLA	comp=Z, 61nm, 0.9s, mb5.5					
GLA	Glamis 72.92 61 ↓P	72.92	61	↓P	P	00 57 50.0 -0.4
GLA	baz=73, SNR=21					
GLA	Glamis 72.92 61 eP	72.92	61	eP	P	00 57 50.5 0.0
GLA	comp=Z, 61nm, 0.9s, mb5.6					
SNART	Snartemo 72.99 339 eP	72.99	339	eP	P	00 57 50.6 +0.2
SNART	comp=Z, 201nm, 1.3s, mb5.9					
P21A	Newcastle 73.00 51 ↓P	73.00	51	↓P	P	00 57 51.0 +0.2
P21A	baz=73, SNR=25					
Y13A	Salome 73.04 59 ↑P	73.04	59	↑P	P	00 57 50.4 -0.7
Y13A	baz=73, SNR=10					
W15A	Williams 73.10 57 ↓P	73.10	57	↓P	P	00 57 52.0 +0.5
W15A	baz=73, SNR=17					
U17A	Shonto 73.13 55 P	73.13	55	P	P	00 57 51.7 +0.2
U17A	baz=73, SNR=24					
U16A	Tube City 73.14 56 P	73.14	56	P	P	00 57 52.5 +0.8
U16A	baz=73, SNR=40					
X14A	Yava 73.19 58 P	73.19	58	P	P	00 57 52.7 +0.7
X14A	baz=73, SNR=44					
T18A	Mexican Hat 73.22 55 P	73.22	55	P	P	00 57 51.5 -0.6
T18A	baz=73, SNR=17					
LRW	Lerwick 73.26 344 eP	73.26	344	eP	P	00 57 51.4 -0.5
LRW	comp=Z, 196nm, 3.8s					
LRW	Lerwick 73.26 344 P	73.26	344	P	P	00 57 56.2
LRW	comp=Z, 196nm, 3.8s					
R20A	Redvale 73.38 53 ↓P	73.38	53	↓P	P	00 57 53.3 +0.2
R20A	baz=73, SNR=14					
Q21A	Lamborn Mesa, 73.40 52 ↓P	73.40	52	↓P	P	00 57 53.2 0.0
Q21A	baz=73, SNR=22					
WUAZ	Wupatki 73.47 57 ↑P	73.47	57	↑P	P	00 57 53.6 +0.2
WUAZ	baz=73, SNR=21					
WUAZ	Wupatki 73.47 57 eP	73.47	57	eP	P	00 57 53.8 +0.4
WUAZ	comp=Z, 51nm, 0.9s, mb5.5					
Y14A	Wickenburg 73.47 59 ↓P	73.47	59	↓P	P	00 57 52.9 -0.8
Y14A	baz=73, SNR=25					
SMCO	Snowmass 73.51 51 eP	73.51	51	eP	P	00 57 54.2 +0.4
SMCO	comp=Z, 60nm, 0.9s, mb5.8					
BSD	Bornholm Skovb 73.54 334 ↑P	73.54	334	↑P	P	00 57 53.1 -0.6
BSD	comp=Z, 110nm, 0.9s, mb5.8					
BSD	Bornholm Skovb 73.54 334 ↑P	73.54	334	↑P	P	00 57 53.1 -0.6
BSD	comp=Z, 112nm, 0.9s, mb5.8					
BSD	Bornholm Skovb 73.54 334 ↑P	73.54	334	↑P	P	00 57 53.1 -0.6
BSD	comp=Z, 112nm, 0.9s, mb5.8					
Z13A	Yuma Proving G 73.56 60 ↑P	73.56	60	↑P	P	00 57 54.2 0.0
Z13A	baz=73, SNR=36					
X15A	Humboldt 73.58 58 ↓P	73.58	58	↓P	P	00 57 54.2 -0.1
X15A	baz=73, SNR=36					
W16A	Flagstaff 73.60 57 ↓P	73.60	57	↓P	P	00 57 55.1 +0.7
W16A	baz=73, SNR=10					
SIM	Simferopol' 73.63 317 eP	73.63	317	eP	P	00 57 54.7 +0.3
SIM	comp=Z, 127nm, 0.9s, mb5.8					
BIDO	Bidbid 73.69 287 P	73.69	287	P	P	00 57 56.4 +1.2
BIDO	SNR=10					
V17A	Tonale, Kytok 73.69 56 ↓P	73.69	56	↓P	P	00 57 55.2 +0.3
V17A	baz=74, SNR=47					
WBK	Wadi Bani Khal 73.70 286 P	73.70	286	P	P	00 57 56.9 +1.7
WBK	SNR=6.1					
U18A	Rough Rock, Ch 73.71 55 ↓P	73.71	55	↓P	P	00 57 55.2 +0.2
U18A	baz=74, SNR=20					
R21A	Cimarron 73.73 52 ↑P	73.73	52	↑P	P	00 57 55.4 +0.3
R21A	baz=74, SNR=24					
Q22A	Crested Butte, 73.76 52 ↓P	73.76	52	↓P	P	00 57 55.6 +0.3
Q22A	baz=74, SNR=20					

113A	Mohawk Valley, baz=74, SNR=13	73.77	60	↑P	P	00 57 54.9 -0.5
COP	Copenhagen 73.83 335 iP	73.83	335	iP	P	00 57 55.0 -0.4
COP	comp=Z, 120nm, 1.0s, mb5.8					
COP	Copenhagen 73.83 335 iP	73.83	335	iP	P	00 57 55.0 -0.4
COP	comp=Z, 117nm, 1.0s, mb5.8					
ISCO	Idaho Springs 73.84 50 eP	73.84	50	eP	P	00 57 56.4 +0.6
ISCO	comp=Z, 51nm, 1.0s, mb5.4					
ISCO	Idaho Springs 73.84 50 eP	73.84	50	eP	P	00 57 56.4 +0.6
ISCO	comp=Z, 51nm, 0.9s, mb5.5					
Y15A	Casa Rosa Ranch 73.88 58 ↓P	73.88	58	↓P	P	00 57 55.3 -0.8
Y15A	baz=74, SNR=35					
Z14A	Wintersburg 73.89 59 ↓P	73.89	59	↓P	P	00 57 56.0 -0.2
Z14A	baz=74, SNR=8.0					
T19A	Beclabito 73.93 54 ↑P	73.93	54	↑P	P	00 57 56.3 -0.1
T19A	baz=74, SNR=16					
MVCO	Mesa Verde 73.98 54 ↑P	73.98	54	↑P	P	00 57 56.5 -0.1
MVCO	comp=Z, 54nm, 0.8s, mb5.5					
MVCO	Mesa Verde 73.98 54 eP	73.98	54	eP	P	00 57 56.8 +0.2
MVCO	comp=Z, 54nm, 0.8s, mb5.5					
SMDO	Samad 74.04 287 P	74.04	287	P	P	00 57 58.4 +1.2
SMDO	SNR=5.5					
S21A	Coal Bank Pass 74.08 53 ↓P	74.08	53	↓P	P	00 57 57.5 +0.3
S21A	baz=74, SNR=23					
MUD	Monsted U'grnd 74.11 337 iP	74.11	337	iP	P	00 57 56.7 -0.3
MUD	comp=Z, 74nm, 0.8s, mb5.7					
MUD	Monsted U'grnd 74.11 337 iP	74.11	337	iP	P	00 57 56.7 -0.3
MUD	comp=Z, 74nm, 0.8s, mb5.7					
X16A	Lo Mia Camp, P 74.11 58 ↑P	74.11	58	↑P	P	00 57 57.9 +0.5
X16A	baz=74, SNR=47					
Y18A	Ganado 74.15 56 ↑P	74.15	56	↑P	P	00 57 58.0 +0.4
Y18A	baz=74, SNR=32					
U19A	Dine' College					

Table with columns: Call sign, Frequency, Power, Mode, and other technical details. Includes stations like CLZ, VRAC, PGBU, PRU, etc.

Table with columns: Call sign, Frequency, Power, Mode, and other technical details. Includes stations like 325A, MEM, PGB, 226A, etc.

Table with columns: Call sign, Frequency, Power, Mode, and other technical details. Includes stations like PLE, HDIL, CDF, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 1201:26:07.71.4, 11.11N:138.79E, h0km, mb3.7/7, mb1 3.8/7, mb1mx3.6/21, mbtmp3.7/7, Error ellipse: s-maj=49.6km s-min=27.9km az=78.0.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 1201:27:15.0.2.4, 16.19N:145.10E, h0km, mb3.8/6, mb1 4.0/7, mb1mx3.7/23, mbtmp3.8/7, ML3.4/1, Error ellipse: s-maj=82.4km s-min=24.8km az=82.0.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, 2.40 181, Op Pn, 01 27 59.5 -0.1. WRA Warramunga Arr, 37.20 197, P, 01 34 29.7 +0.5.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AQBJ Aqaba, 2.39 316, Pn Pn, 01 30 56.9 -1.1. EIL Elat, 2.41 314, Pn Pn, 01 30 57.3 -1.0.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 1201:32:52.7.0.9, 55.47S:158.51E, h10km, mb4.1/1, Error ellipse: s-maj=46.0km s-min=17.9km az=67.0.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, 36.63 320, P, 01 39 59.1 +0.1. ASAR Warramunga Arr, 39.91 323, P, 01 40 25.9 -1.0.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 1201:47:49.2.0.8, 20.25S:168.89E, h0km, mb4.4/9, mb1 4.5/10, mb1mx4.4/17, mbtmp4.4/10, ML3.7/1, Error ellipse: s-maj=26.8km s-min=22.5km az=156.0.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, 2.78 231, ePn Pn, 01 48 35.0 -0.9. LASL Noumea, 2.82 227, ePn Sn, 01 49 09.8 -0.4.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ARCES ARCES Array B, 126.00 345, PKP, 02 06 51.3 -1.5. ARCES ARCES Array B, 126.00 345, PKP, 02 07 00.8 -2.5.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JMA 12 02:00:37.4.0.2, 24.58N:122.63E, h52km, 1km, M2.8, TAP 12 02:00:36.2, 24.36N:122.49E, h55km, ML3.8, 3C, C, Taiwan region.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NWF baz=318, NNS Nan Shan, 1.02 274, P, Pn, 02 00 55.1 +0.8.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 1201:47:51.4.2, 30.35S:168.8E, 0.1, h21km, 29km, mb4.4/13, Error ellipse: s-maj=20.8km s-min=14.8km az=149.7.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, 2.78 231, ePn Pn, 01 48 35.0 -0.9. LASL Noumea, 2.82 227, ePn Sn, 01 49 09.8 -0.4.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ARCES ARCES Array B, 126.00 345, PKP, 02 06 51.3 -1.5. ARCES ARCES Array B, 126.00 345, PKP, 02 07 00.8 -2.5.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 12 02:05:29.2.2.3, 3.39N:95.44E, h0km, mb3.6/6, mb1 3.7/8, mb1mx3.5/24, mbtmp3.6/8, ML3.5/2, Error ellipse: s-maj=63.3km s-min=25.0km az=46.0.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KURK Kurchatov, ZALV Zalesovo Beam, BVAR Borovoye Array, etc.

CASC 12 02:05:48.1±1.4, 10.79N:85.20W, h7km±2km, MD3.9, ML2.5, 10C-5D, Costa Rica

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations in Costa Rica such as MESS Mesas, GUAB Guayabo de Bag, LIM1 Limonal, etc.

NEIC 12 02:17:37.5±0.9, 18.03S:178.08W, h450km, mb3.6/1, Error ellipse: s-maj=60.6km s-min=11.7km az=153.0

IDC 12 02:17:34.8±1.0, 18.02S:178.02W, h418km±126km, mb3.2/7, mb1 3.5/7, mb1mx3.4/16, mbtm3p2.7, Error ellipse: s-maj=104.9km s-min=27.8km az=163.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations in Fiji Islands region like STKA Stephens Creek, WRAB Tennant Creek, WRA Warramunga Arr, etc.

ATH 12 02:22:25.9, 36.39N:22.06E, h5km, MD3.2/11

ISCJB 12 02:22:26.4±1.1, 36.40N:0.06±22.05E±0.08, h10km, Error ellipse: s-maj=10.8km s-min=6.7km az=143.1

THE 12 02:22:26.1, 36.37N:21.92E, h2km±7km, Error ellipse: s-maj=11.9km s-min=1.1km az=266.0

CSEM 12 02:22:26.5±0.8, 36.40N:22.09E, h2km, MD3.2, Error ellipse: s-maj=19.3km s-min=8.4km az=46.0

ISC 12 02:22:26.7±1.2, 36.38N:0.06±22.02E±0.08, h10km, n29, r127/33, Southern Greece

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations in Southern Greece like PYL PYLOS, ITM Ithomi, VLI Velia, etc.

ISCJB 12 02:31:56.9±1.8, 25.9S:0.1±1.77S±0.10, h159km±15km, mb4.1/12, Error ellipse: s-maj=18.7km s-min=14.0km az=13.3

NEIC 12 02:32:01.4±0.4, 25.91S:177.63W, mb4.2/7, Error ellipse: s-maj=14.1km s-min=10.0km az=152.0

IDC 12 02:32:01.0±0.9, 25.98S:177.51W, h182km±7km, mb3.7/6, mb1 4.0/7, mb1mx3.8/15, mbtm3p3.7, Error ellipse: s-maj=27.2km s-min=14.0km az=167.0

ISC 12 02:31:58.0±1.8, 25.9S:0.1±1.77S±0.10, h157km±15km, h185km±6.1km±pp-P, n33, r090/23, mb4.1/12, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations in South of Fiji Islands like RAO Raoul Island.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations in Northern Chile like URZ Urewera, DZM Mont D'Ac, CTA Charters Tower, etc.

GUC 12 02:33:45.1±0.8, 22.09S:68.68W, h117km±6km, ML4.0, 7C, Northern Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations in Northern Chile like LVC Limon Verde, PB04 Plate Boundary, PB01 Plate Boundary, etc.

IDC 12 02:34:37.7±0.8, 20.40S:168.97E, h0km, mb4.1/10, mb1 4.4/10, mb1mx4.3/15, mbtm4.1/10, MS4.9/1, Ms1 4.9/1, ms1mx4.4/18, Error ellipse: s-maj=29.7km s-min=20.7km az=152.0

NOU 12 02:34:39.0±0.6, 19.73S:168.18E, h10km, MD3.0, ML3.3

ISCJB 12 02:34:41.7±0.5, 20.44S:0.07±168.82E±0.07, h3km, mb4.3/18, Error ellipse: s-maj=13.1km s-min=6.0km az=138.6

SZGRF 12 02:34:42.4, 19.14S:171.86E, h33km, Vanuatu Islands region

NEIC 12 02:34:43.3±0.3, 20.22S:168.93E, h35km, mb4.6/7, Error ellipse: s-maj=12.2km s-min=8.6km az=162.0

ISC 12 02:34:43.5±0.5, 20.46S:0.07±168.83E±0.07, h35km, n90, r101/31, mb4.3/18, 2L, Loyalty Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations in Vanuatu Islands region like NORM Noumea, NOUC Port Laguerre, ONRZ Noumea, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations in various regions like ULN Ulanbaatar, ULN Gaotai, ULN Gota, etc.

IDC 12 02:37:07.4±3.9, 36.49N:71.45E, h147km±34km, mb3.5/8, mb1 3.7/14, mb1mx4.2/28, mbtm3.5/14, Error ellipse: s-maj=26.9km s-min=17.0km az=22.5

ISCJB 12 02:37:09.6±0.7, 36.66N:0.03±71.40E±0.07, h176km±gkm, mb3.8/12, Error ellipse: s-maj=10.2km s-min=3.8km az=156.9

NEIC 12 02:37:09.9±1.0, 36.57N:71.31E, h168km±11km, mb4.0/5, Error ellipse: s-maj=13.0km s-min=4.2km az=56.0

NINC 12 02:37:17.0±4.7, 37.17N:71.10E, h189km±39km, mb3.0, mpv4.3, Error ellipse: s-maj=39.3km s-min=24.7km az=17.0

ISC 12 02:37:10.4±0.7, 36.66N:0.03±71.38E±0.08, h164km±8km, n70, r127/90, mb3.8/12, 9C-1D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations in Afghanistan-Tajikistan border region like KSH Kashi, AML Alamyashu, AML Alamyashu, etc.

DIM	Dimitrovgrad	2.18 320	P	Pn	03 25 57.8	-0.1
GPA	Golpazar	2.22 92	ePN	Pn	03 25 58.5	+0.2
GULT	Gulveren	2.37 88	ePN	Pn	03 26 00.6	+0.2
GULT	Gulveren	2.37 88	ePN	Pn	03 26 00.6	+0.2
RZN	Rozhen	2.42 303	P	Pn	03 26 01.4	+0.3
RZN	Rozhen	2.42 303	P	Pn	03 26 01.4	+0.3
RZN	Rozhen	2.42 303	P	Pn	03 26 01.4	+0.3
ALT	Altintas	2.47 122	ePN	Pn	03 26 01.8	0.0
ALT	Altintas	2.47 122	ePN	Pn	03 26 01.8	0.0
OUR	Ouranopolis	2.62 270	P	Pn	03 26 03.2	-0.7
OUR	Ouranopolis	2.62 270	P	Pn	03 26 03.2	-0.7
KHL	Karahalli	2.63 141	ePN	Pn	03 26 04.1	0.0
KHL	Karahalli	2.63 141	ePN	Pn	03 26 04.1	0.0
PLD	Plodiv	2.67 311	P	Pn	03 26 04.7	+0.2
PLD	Plodiv	2.67 311	P	Pn	03 26 04.7	+0.2
PLD	Plodiv	2.67 311	P	Pn	03 26 04.7	+0.2
SMG	Samos	2.71 190	iPN	Pn	03 26 37.6	-0.6
SMG	Samos	2.71 190	iPN	Pn	03 26 37.6	-0.6
SMG	Samos	2.71 190	iPN	Pn	03 26 37.6	-0.6
SMG	Samos	2.71 190	iPN	Pn	03 26 37.6	-0.6
ESKT	Eskisehir	2.78 107	ePN	Pn	03 26 06.5	+0.4
ESKT	Eskisehir	2.78 107	ePN	Pn	03 26 06.5	+0.4
NVR	Nevrokopi	2.86 291	iPN	Pn	03 26 07.6	+0.4
NVR	Nevrokopi	2.86 291	iPN	Pn	03 26 07.6	+0.4
NVR	Nevrokopi	2.86 291	iPN	Pn	03 26 07.6	+0.4
NVR	Nevrokopi	2.86 291	iPN	Pn	03 26 07.6	+0.4
SRS	Serrai	2.99 285	P	Pn	03 26 08.6	-0.4
SRS	Serrai	2.99 285	P	Pn	03 26 08.6	-0.4
PLG	Polygyros	3.03 271	ePN	Pn	03 26 09.0	-0.5
PLG	Polygyros	3.03 271	ePN	Pn	03 26 09.0	-0.5
PLG	Polygyros	3.03 271	ePN	Pn	03 26 09.0	-0.5
PLG	Polygyros	3.03 271	ePN	Pn	03 26 09.0	-0.5
MMB	Musomiste	3.04 295	P	Pn	03 26 09.5	-0.1
MMB	Musomiste	3.04 295	P	Pn	03 26 09.5	-0.1
MMB	Musomiste	3.04 295	P	Pn	03 26 09.5	-0.1
SHUT	Suhut-Afyon	3.04 126	ePN	Pn	03 26 10.1	+0.5
SHUT	Suhut-Afyon	3.04 126	ePN	Pn	03 26 10.1	+0.5
SZH	Sztrahica	3.08 339	P	Pn	03 26 10.4	+0.2
SZH	Sztrahica	3.08 339	P	Pn	03 26 10.4	+0.2
SZH	Sztrahica	3.08 339	P	Pn	03 26 10.4	+0.2
SZH	Sztrahica	3.08 339	P	Pn	03 26 10.4	+0.2
SOH	Sokhos	3.12 279	ePN	Pn	03 26 10.5	-0.2
SOH	Sokhos	3.12 279	ePN	Pn	03 26 10.5	-0.2
SOH	Sokhos	3.12 279	ePN	Pn	03 26 10.5	-0.2
SOH	Sokhos	3.12 279	ePN	Pn	03 26 10.5	-0.2
PGB	Panagyurishte	3.26 313	P	Pn	03 26 12.5	-0.2
PGB	Panagyurishte	3.26 313	P	Pn	03 26 12.5	-0.2
PGB	Panagyurishte	3.26 313	P	Pn	03 26 12.5	-0.2
PGB	Panagyurishte	3.26 313	P	Pn	03 26 12.5	-0.2
SVRH	Svirihair-ESK	3.30 105	ePN	Pn	03 26 13.8	+0.6
SVRH	Svirihair-ESK	3.30 105	ePN	Pn	03 26 13.8	+0.6
YER	Yerkesik	3.32 168	ePN	Pn	03 26 14.0	+0.5
YER	Yerkesik	3.32 168	ePN	Pn	03 26 14.0	+0.5
BODT	Bodrum	3.32 181	ePN	Pn	03 26 14.1	+0.6
BODT	Bodrum	3.32 181	ePN	Pn	03 26 14.1	+0.6
NEO	Neokhori	3.40 253	ePN	Pn	03 26 13.6	-1.0
NEO	Neokhori	3.40 253	ePN	Pn	03 26 13.6	-1.0
KNT	Kendrikon	3.51 284	P	Pn	03 26 16.3	+0.1
KNT	Kendrikon	3.51 284	P	Pn	03 26 16.3	+0.1
KKB	Krupnik	3.59 296	P	Pn	03 26 17.2	0.0
KKB	Krupnik	3.59 296	P	Pn	03 26 17.2	0.0
KKB	Krupnik	3.59 296	P	Pn	03 26 17.2	0.0
PTL	Penteli	3.61 231	ePN	Pn	03 26 17.6	+0.1
PTL	Penteli	3.61 231	ePN	Pn	03 26 17.6	+0.1
DAT	Data	3.65 178	ePN	Pn	03 26 18.9	+0.8
DAT	Data	3.65 178	ePN	Pn	03 26 18.9	+0.8
KIZT	Kizical	3.76 112	ePN	Pn	03 26 20.4	+0.8
KIZT	Kizical	3.76 112	ePN	Pn	03 26 20.4	+0.8
LIT	Litokhoron	3.78 267	ePN	Pn	03 26 19.4	-0.4
LIT	Litokhoron	3.78 267	ePN	Pn	03 26 19.4	-0.4
VLY	Voula, Athens	3.78 229	ePN	Pn	03 26 20.2	+0.3
VLY	Voula, Athens	3.78 229	ePN	Pn	03 26 20.2	+0.3
VLY	Voula, Athens	3.78 229	ePN	Pn	03 26 20.2	+0.3
VLY	Voula, Athens	3.78 229	ePN	Pn	03 26 20.2	+0.3
VAY	Vandanos	3.79 286	P	Pn	03 27 17.1	-1.1
VAY	Vandanos	3.79 286	P	Pn	03 27 17.1	-1.1
LKR	Lokris	3.83 244	ePN	Pn	03 26 21.1	+0.6
LKR	Lokris	3.83 244	ePN	Pn	03 26 21.1	+0.6
VTS	Vitoshia	3.85 306	ePN	Pn	03 26 21.7	+0.9
VTS	Vitoshia	3.85 306	ePN	Pn	03 26 21.7	+0.9
VTS	Vitoshia	3.85 306	ePN	Pn	03 26 21.7	+0.9
VTS	Vitoshia	3.85 306	ePN	Pn	03 26 21.7	+0.9
FETY	Fethiye	3.97 160	ePN	Pn	03 26 22.8	+0.3
FETY	Fethiye	3.97 160	ePN	Pn	03 26 22.8	+0.3
SUTC	Sutluce-Ispart	4.03 135	ePN	Pn	03 26 24.1	+0.8
SUTC	Sutluce-Ispart	4.03 135	ePN	Pn	03 26 24.1	+0.8
SAFT	Safiranbolu	4.09 76	ePN	Pn	03 26 25.0	+0.9
SAFT	Safiranbolu	4.09 76	ePN	Pn	03 26 25.0	+0.9
ELL	Elmalı	4.13 151	ePN	Pn	03 26 25.5	+0.9
ELL	Elmalı	4.13 151	ePN	Pn	03 26 25.5	+0.9
TIRR	Tirgusor	4.14 10	iPN	Pn	03 27 10.5	-2.8
TIRR	Tirgusor	4.14 10	iPN	Pn	03 27 10.5	-2.8
TIRR	Tirgusor	4.14 10	iPN	Pn	03 27 10.5	-2.8
TIRR	Tirgusor	4.14 10	iPN	Pn	03 27 10.5	-2.8
TIRR	Tirgusor	4.14 10	iPN	Pn	03 27 10.5	-2.8
TIRR	Tirgusor	4.14 10	iPN	Pn	03 27 10.5	-2.8
LTG	Loutraki	4.18 237	ePN	Pn	03 26 26.0	+0.6
LTG	Loutraki	4.18 237	ePN	Pn	03 26 26.0	+0.6
ARG	Arhangelos	4.20 172	ePN	Pn	03 26 24.2	-1.4
ARG	Arhangelos	4.20 172	ePN	Pn	03 26 24.2	-1.4
THL	Kiokotos Trika	4.23 261	ePN	Pn	03 26 27.2	-0.4
THL	Kiokotos Trika	4.23 261	ePN	Pn	03 26 27.2	-0.4
DID	Didima	4.34 230	ePN	Pn	03 26 27.2	-0.4
DID	Didima	4.34 230	ePN	Pn	03 26 27.2	-0.4
ZAPS	Zavoj	4.59 311	iPN	Pn	03 27 24.7	+0.2
ZAPS	Zavoj	4.59 311	iPN	Pn	03 27 24.7	+0.2
GUR	Goura	4.64 240	ePN	Pn	03 26 34.9	+0.8
GUR	Goura	4.64 240	ePN	Pn	03 26 34.9	+0.8
BIA	Bitola	4.67 280	iPN	Pn	03 26 34.9	+0.8
BIA	Bitola	4.67 280	iPN	Pn	03 26 34.9	+0.8
BIA	Bitola	4.67 280	iPN	Pn	03 26 34.9	+0.8
BIA	Bitola	4.67 280	iPN	Pn	03 26 34.9	+0.8
KRUS	Krusevo	4.77 284	iPN	Pn	03 26 33.8	+0.3
KRUS	Krusevo	4.77 284	iPN	Pn	03 26 33.8	+0.3
KRUS	Krusevo	4.77 284	iPN	Pn	03 26 33.8	+0.3
KRUS	Krusevo	4.77 284	iPN	Pn	03 26 33.8	+0.3
KARP	Karpathos	4.83 182	ePN	Pn	03 26 33.8	+0.3
KARP	Karpathos	4.83 182	ePN	Pn	03 26 33.8	+0.3
BARS	Barje	4.85 302	iPN	Pn	03 26 53.9	-2.8
BARS	Barje	4.85 302	iPN	Pn	03 26 53.9	-2.8
BARS	Barje	4.85 302	iPN	Pn	03 26 53.9	-2.8
BARS	Barje	4.85 302	iPN	Pn	03 26 53.9	-2.8
VLI	Velilai	5.07 225	ePN	Pn	03 26 37.7	+0.1
VLI	Velilai	5.07 225	ePN	Pn	03 26 37.7	+0.1
VLI	Velilai	5.07 225	ePN	Pn	03 26 37.7	+0.1
VLI	Velilai	5.07 225	ePN	Pn	03 26 37.7	+0.1
RLS	Riolos of Patr	5.17 245	ePN	Pn	03 26 40.6	+1.7
RLS	Riolos of Patr	5.17 245	ePN	Pn	03 26 40.6	+1.7
MLR	Muntele Rosu	5.21 349	iPN	Pn	03 26 41.0	+1.5
MLR	Muntele Rosu	5.21 349	iPN	Pn	03 26 41.0	+1.5
BZK	Buzkurt	5.22 70	ePN	Pn	03 26 40.9	+1.3
BZK	Buzkurt	5.22 70	ePN	Pn	03 26 40.9	+1.3
BZK	Buzkurt	5.22 70	ePN	Pn	03 26 40.9	+1.3
BZK	Buzkurt	5.22 70	ePN	Pn	03 26 40.9	+1.3
BOLS	Boljevac	5.32 312	ePN	Pn	03 26 42.3	+1.3
BOLS	Boljevac	5.32 312	ePN	Pn	03 26 42.3	+1.3
VOIR	Voinjevac	5.34 342	iPN	Pn	03 26 42.1	+0.9
VOIR	Voinjevac	5.34 342	iPN	Pn	03 26 42.1	+0.9
ITM	Ithomi	5.35 235	ePN	Pn	03 26 42.3	+0.9
ITM	Ithomi	5.35 235	ePN	Pn	03 26 42.3	+0.9
KYTH	Kithira	5.35 221	ePN	Pn	03 26 41.5	+0.1
KYTH	Kithira	5.35 221	ePN	Pn	03 26 41.5	+0.1
ANI	Anoyia	5.47 202	ePN	Pn	03 26 44.2	+1.2
ANI	Anoyia	5.47 202	ePN	Pn	03 26 44.2	+1.2
VRI	Vrincioaia	5.50 355	iPN	Pn	03 26 45.1	+1.7
VRI	Vrincioaia	5.50 355	iPN	Pn	03 26 45.1	+1.7
VRI	Vrincioaia	5.50 355	iPN	Pn	03 26 45.1	+1.7
VRI	Vrincioaia	5.50 355	iPN	Pn	03 26 45.1	+1.7
GRUS	Gruzu	6.08 307	ePN	Pn	03 26 50.9	-0.6
GRUS	Gruzu	6.08 307	ePN	Pn	03 26 50.9	-0.6
BZS	Buzias	6.73 323	ePN	Pn	03 26 59.6	-0.8

BZS	Buzias	6.73 323	iPN	Pn	03 26 59.6	-0.8
BZS	Buzias	6.73 323	iPN	Pn	03 26 59.6	-0.8
BZS	Buzias	6.73 323	iPN	Pn	03 26 59.6	-0.8
BZS	Buzias	6.73 323	iPN	Pn	03 26 59.6	-0.8
BURAR	Bucovina Array	7.40 348	iPN	Pn	03 27 10.3	+0.8
BURAR	Bucovina Array	7.40 348	iPN	Pn	03 27 10.3	+0.8
BURAR	Bucovina Array	7.40 348	iPN	Pn	03 27 10.3	+0.8
BURAR	Bucovina Array	7.40 348	iPN	Pn	03 27 10.3	+0.8
BUR08	Bucovina Ar. S	7.43 348	ePN	Pn	03 27 10.8	+0.9
BUR08	Bucovina Ar. S	7.43 348	ePN	Pn	03 27 10.8	+0.9
PKSM	Moragy	8.64 315	iPN	Pn	03 27 26.5	-0.1
PKSM	Moragy	8.64 315	iPN	Pn	03 27 26.5	-0.1
PKSM	Moragy	8.64 315	iPN	Pn	03 27 26.5	-0.1

CNRM 12 03:33:09.0, 37.04N, 9.29W, h30km, MD4.0
 CSEM 12 03:33:09.0, 37.04N, 9.29W, h30km, MD4.0, After CNRM,

Portugal						
Code	Station Name	Δ° AZZ'	Phase ID	Time Res	ISC	h m s ISC
DKH	Dar Kharkhour	3.53 115	iP	Op	ISC	03 34 01.5 -0.3
RSA	Sarsar	3.54 127	eP	S	ISC	03 34 02.0 +0.1
RSA	Sarsar	3.54 127	eP	S	ISC	03 34 02.0 +0.1
RSA	Sarsar	3.54 127	eP	S	ISC	03 34 02.0 +0.1
RSA	Sarsar	3.54 127	eP	S	ISC	03 34 02.0 +0.1
RTC	Rabat Centre	3.63 146	iP	S	ISC	03 34 03.0 -0.2
RTC	Rabat Centre	3.63 146	iP	S	ISC	03 34 03.0 -0.2
RTC	Rabat Centre	3.63 146	iP	S	ISC	03 34 03.0 -0.2
RTC	Rabat Centre	3.63 146	iP	S	ISC	03 34 03.0 -0.2
MIF	Mishifen	4.92 136	iP	S	ISC	03 34 20.0 -0.6
MIF	Mishifen	4.92 136	iP	S	ISC	03 34 20.0 -0.6
MIF	Mishifen	4.92 136	iP	S	ISC	03 34 20.0 -0.6
MIF	Mishifen	4.92 136	iP	S	ISC	03 34 20.0 -0.6
TOU	Touzarine	4.94 113	eP	S	ISC	03 34 21.0 -0.2

Table with columns: TWA, Mucha, 0.73 324 eP, Pg, 03 54 39.8 +0.2, PDAR Binedale Array, 41.13 78 P P, 04 20 27.4 +1.1, MRZ Mangatainoka R, 2.07 188 P, AML AML 05 19 06.0

Table with columns: PDAR Binedale Array, 41.13 78 P P, 04 20 27.4 +1.1, MRZ Mangatainoka R, 2.07 188 P, AML AML 05 19 06.0

Table with columns: MRZ Mangatainoka R, 2.07 188 P, AML AML 05 19 06.0, MRZ Mangatainoka R, 2.07 188 P, AML AML 05 19 06.0

Table with columns: IDC 12 05:12:26.9, 3.3, 4.37S, 144.99E, h0km, mb3.5/3, mb1 3.8/4, mb1mx3.6/14, mbtmp3.6/4, ML3.8/1, MS4.0/1, Ms1 4.0/1, ms1mx3.7/12, Error ellipse: s-maj=87.7km s-min=30.7km az=102.0, Near north coast of New Guinea

Table with columns: ISCJB 12 05:02:59.2, 1.5, 3.7, 10N, 170.06E, 0.1, h21km, 11km, Error ellipse: s-maj=16.2km s-min=9.9km az=178.4, CSEM 12 05:02:59.0, 0.5, 3.7, 12N, 170.45E, h20km, MD2.7, Error ellipse: s-maj=21.5km s-min=11.0km az=93.0, DDA 12 05:03:00.3, 3.7, 16N, 172.44E, h7km, 1km, MD2.7, ISC 12 05:02:59.1, 1.4, 3.7, 10N, 170.06E, 0.1, h22km, 11km, ms, 0.85/15, Turkey

Table with columns: ISCJB 12 05:02:59.2, 1.5, 3.7, 10N, 170.06E, 0.1, h21km, 11km, Error ellipse: s-maj=16.2km s-min=9.9km az=178.4, CSEM 12 05:02:59.0, 0.5, 3.7, 12N, 170.45E, h20km, MD2.7, Error ellipse: s-maj=21.5km s-min=11.0km az=93.0, DDA 12 05:03:00.3, 3.7, 16N, 172.44E, h7km, 1km, MD2.7, ISC 12 05:02:59.1, 1.4, 3.7, 10N, 170.06E, 0.1, h22km, 11km, ms, 0.85/15, Turkey

Table with columns: IDC 12 04:32:44.6, 51.85N, 170.37W, h25km, ML3.3(AEIC), After AEIC, IDC 12 04:32:44.1, 3.1, 51.88N, 170.40W, 0.09, h15km, 20km, n22, 0.976/24, mb3.7/11, Fox Islands

Table with columns: IDC 12 05:07:15.3, 4.6, 29.60S, 178.07W, h0km, mb3.7/3, s-maj=199.4km s-min=71.1km az=160.0, IDC 12 05:07:23.2, 2.0, 30.53S, 107.78W, 0.04, h10km, n11, 0.123/12, mb3.6/3, Kermadec Islands

Table with columns: IDC 12 05:07:15.3, 4.6, 29.60S, 178.07W, h0km, mb3.7/3, s-maj=199.4km s-min=71.1km az=160.0, IDC 12 05:07:23.2, 2.0, 30.53S, 107.78W, 0.04, h10km, n11, 0.123/12, mb3.6/3, Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC

Table with columns: NEIC 12 05:18:09.7, 38.60S, 175.92E, h19km, MG4.0(WEL), After WEL, WEL 12 05:18:09.6, 0.3, 38.61S, 175.94E, h121km, 2km, ML4.0/24, 9C-6D, Error ellipse: s-maj=1.5km s-min=1.3km az=0.0, North Island

Table with columns: NEIC 12 05:18:09.7, 38.60S, 175.92E, h19km, MG4.0(WEL), After WEL, WEL 12 05:18:09.6, 0.3, 38.61S, 175.94E, h121km, 2km, ML4.0/24, 9C-6D, Error ellipse: s-maj=1.5km s-min=1.3km az=0.0, North Island

Table with columns: WATZ Wairara, 1.0 238 P, Pn, 05 18 26.1 -0.1, WATZ Wairara, 1.0 238 ePN, Pn, 05 18 26.1 -0.2, RAIZ Rangitukua, 0.29 207 P, Pn, 05 18 26.3 -0.3, RAIZ Rangitukua, 0.29 207 ePN, Pn, 05 18 26.3 -0.3, ALRZ Allen Road, 0.32 82 P, Pn, 05 18 26.6 -0.1, ALRZ Allen Road, 0.32 82 P, Pn, 05 18 26.6 -0.1

Table with columns: WATZ Wairara, 1.0 238 P, Pn, 05 18 26.1 -0.1, WATZ Wairara, 1.0 238 ePN, Pn, 05 18 26.1 -0.2, RAIZ Rangitukua, 0.29 207 P, Pn, 05 18 26.3 -0.3, RAIZ Rangitukua, 0.29 207 ePN, Pn, 05 18 26.3 -0.3, ALRZ Allen Road, 0.32 82 P, Pn, 05 18 26.6 -0.1, ALRZ Allen Road, 0.32 82 P, Pn, 05 18 26.6 -0.1

Table with columns: IDC 12 05:24:34.6, 0.8, 52.07N, 170.52W, h0km, mb4.0/20, mb1 4.1/21, mb1mx4.1/28, mbtmp4.0/21, ML4.4/1, Error ellipse: s-maj=25.9km s-min=14.1km az=178.0, BUJ 12 05:24:37.8, 52.56N, 170.65W, h20km, mb4.6/6, mb4.7/11, Ms4.6/3, Ms7.4/3, ISCJB 12 05:24:38.9, 0.9, 52.03N, 170.51W, 0.06, h11km, 6km, mb4.2/48, Error ellipse: s-maj=15.2km s-min=5.6km az=165.1, MOS 12 05:24:38.3, 1.1, 52.08N, 170.46W, h38km, mb4.4/26, Error ellipse: s-maj=14.8km s-min=9.3km az=95.4, NEIC 12 05:24:40.0, 0.9, 52.00N, 170.47W, h37km, mb4.3/21, ML3.6(AEIC), Error ellipse: s-maj=13.7km s-min=5.5km az=170.0, ISC 12 05:24:38.9, 1.7, 52.03N, 170.50W, 0.06, h25km, 11km, h28km, 2.1km, pP-P, n121, 1.02/125, mb4.2/48, 2C-3D, Fox Islands

12d 6h

Table with columns: AUTN, L'Aution, 4.34 302 P, Pn, 05 45 49.0 +1.0, etc. Lists various stations and their associated data points.

2008 APR

Table with columns: SSF, Saint Saulge, 8.33 312 ePn, Pn, 05 46 43.1 +0.4, etc. Lists stations and their associated data points.

NEIC 12 05:46:31.1, 16:98N-94:62W, h126km, MD3.7(MEX), After MEX.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station data for the NEIC event.

ISC 12 05:47:02.8, 11:87N-87:03W, h0km, mb3.8/9, mb1.4, 0/11, mb1mx3.8/25, mbtmp3.8/11, ML2.7/2, Error ellipse: s-maj=44.6km s-min=14.0km az=50.0

CASC 12 05:47:06.2, 1.8, 11:40N-87:32W, h34km, 19km, MD4.1, ML4.0, mb4.1 (NEIC)

NEIC 12 05:47:07.0, 6.8, 11:62N-87:20W, h35km, mb4.1/7, Error ellipse: s-maj=22.8km s-min=9.9km az=48.0

ISC 12 05:47:07.1, 0.8, 11:47N-01:06:8729W, 0.06, h41km, 7km, n61, 0:92/62, mb3.9/15, 4C-1D, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station data for the ISC event.

JTS JuntasAbangare 2.57 117 Pn, Pn, 05 47 46.3 0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station data for the JTS event.

530

Table with columns: HWUT, Hardware Ranch, 36.79 329 eP, P, 05 54 12.0 +1.1, etc. Lists stations and their associated data points.

IDC 12 05:54:19.2, 2.8, 15:66S-66:90E, h0km, mb3.5/5, mb1.3/7.5, mb1mx3.5/22, mbtmp3.5/5, MS3.8/1, Ms1.4, 0/1, ms1mx3.2/19, Error ellipse: s-maj=97.6km s-min=28.8km az=57.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station data for the IDC event.

IDC 12 05:54:50.3, 3.8, 24:13S-66:83W, h186km, 32km, mb3.1/2, mb1.3/2.4, mb1mx3.1/15, mbtmp3.1/4, Error ellipse: s-maj=65.5km s-min=47.0km az=16.0

GUC 12 05:54:52.7, 1.0, 23:77S-67:33W, h234km, 13km, ML4.0, ISCBJ 12 05:54:53.6, 1.4, 23:82S-0:09:674W, 0.2, h244km, 18km, mb3.1/2, Error ellipse: s-maj=29.1km s-min=13.5km az=8.3

ISC 12 05:54:54.7, 1.4, 23:78S-0:09:674W, 0.2, h244km, 18km, n11, 0:97/19, mb3.1/2, 5C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station data for the ISC event.

CSEM 12 06:00:02.8, 69:71N-14:13W, h11km, ML3.9, After REY 12 06:00:02.8, 69:71N-14:13W, h11km, ML2.9, ML3.9, Jan

ISC 12 06:00:02.8, 69:71N-14:13W, h11km, ML2.9, ML3.9, Jan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station data for the ISC event.

NEIC 12 06:01:19.6, 16:10N-98:59W, h18km, MD3.8(MEX), After

MEX 12 06:01:19.6, 0.7, 16:10N-98:59W, h18km, 40km, MD3.8, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station data for the MEX event.

Table with columns: PPM, MZVM, CMIG, Matias Romero, s, iS, Sn, Time, Res, ISC. Includes station names like Matias Romero and data points.

IDC 12 06:09:43.9i.1.2.55.76Sx158.81E, h0km, mb4.4/6, mb1 4.6/6, mb1mx4.3/12, mbtmp4.4/6, MS3.7/1, Ms1 3.7/1, ms1mx2.9/20, Error ellipse: s-maj=62.1km s-min=23.5km az=58.0

ISC/JB 12 06:09:45.1i.1.4.55.5S:0.2x158.6E:0.3, h10km, mb4.4/8, Error ellipse: s-maj=25.1km s-min=19.7km az=140.9

NEIC 12 06:09:46.0i.0.6.55.63S:153.46E, h10km, mb4.5/2, Error ellipse: s-maj=19.7km s-min=18.5km az=173.0

ISC 12 06:09:46.6i.1.4.55.65S:0.2x158.5E:0.3, h10km, n24, a1508/17, mb4.4/8, Macquarie Island region

Main station list table for the first section, including columns for Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists stations like Otahua Downs, Canberra Magne, etc.

ISC/JB 12 06:34:53.0i.0.6.24.30N:0.05x122.09E:0.04, h26km, 10km, Error ellipse: s-maj=8.7km s-min=6.5km az=178.4

JMA 12 06:34:53.6i.0.1.24.68N:122.12E, h52km, M2.1

TAP 12 06:34:54.2i.24.37N:122.02E, h10km, 1km, M2.7, D

ISC 12 06:34:53.2i.0.6.24.31N:0.05x122.08E:0.04, h26km, 10km, n14, a055/25, 1C, Taiwan region

Main station list table for the second section, including columns for Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists stations like Ena, TWC, TWE, etc.

IDC 12 06:45:49.8i.2.1.281N:95.40E, h0km, mb3.7/5, mb1 3.9/7, mb1mx3.6/24, mbtmp3.8/7, ML3.7/2, Error ellipse: s-maj=66.8km s-min=24.1km az=48.0

ISC/JB 12 06:45:55.7i.4.1.2.9N:0.2x95.6E:0.3, h59km, 26km, mb3.8/5, Error ellipse: s-maj=64.3km s-min=14.5km az=144.7

DJA 12 06:45:58.5i.31N:97.70E, h10km, MLv4.0/4

ISC 12 06:45:56.9i.3.2.39N:0.3x95.5E:0.5, h32km, 28km, n11, a050/13, mb3.8/5, 1D, Off west coast of northern Sumatra

Main station list table for the third section, including columns for Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists stations like GSI, BSI, BSI, etc.

IDC 12 06:47:33.4i.1.3.1679N:122.69E, h0km, mb3.6/4, mb1 3.9/5, mb1mx3.5/21, mbtmp3.7/5, ML4.4/1, MS3.2/1, Ms1 3.2/1, ms1mx2.6/31, Error ellipse: s-maj=48.8km az=92.4

MAN 12 06:47:34.16i.92N:119.99E, h26km, mb4.7, ML3.6, MS3.6

ISC 12 06:47:27.5i.2.3.1688N:0.04x119.7E:0.2, h10km, 13km, n16, a121/15, mb3.4/3, 2C-1D, Luzon

Main station list table for the fourth section, including columns for Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists stations like BOLD, BCPH, SCZP, etc.

BUI 12 07:03:49.8i.55.05S:158.50E, h10km, MB5.5/11, mb5.6/12, Ms5.4/10, Ms7.4/9/11

DJA 12 07:03:50.55i.68S:159.27E, h10km, mb5.3/15

ISC/JB 12 07:03:51.0i.0.4.55.36S:0.05x158.70E:0.09, h10km, mb5.0/31, MS4.4/13, Error ellipse: s-maj=8.2km s-min=6.4km az=138.1

IDC 12 07:03:50.4i.0.5.55.53S:158.44E, h0km, mb4.8/12, mb1 4.9/13, mb1mx4.8/16, mbtmp4.8/13, ML4.0/1, MS4.3/9, Ms1 4.3/9, ms1mx4.0/19, Error ellipse: s-maj=22.0km s-min=17.5km az=50.0

NEIC 12 07:03:51.8i.0.2.55.49S:158.52E, h10km, mb5.1/17, Error ellipse: s-maj=7.5km s-min=5.5km az=138.0

MOS 12 07:03:52.8i.1.5.55.25S:158.54E, h15km, mb5.2/10, Error ellipse: s-maj=37.0km s-min=11.0km az=108.8

ISC 12 07:03:52.8i.0.4.55.44S:158.58E:0.08, h10km, (h10km, 5km, p), n24, a1920/95, mb5.0/31, MS4.4/13, 13C-8D, Macquarie Island region

Main station list table for the fifth section, including columns for Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists stations like APZ, APZ, APZ, etc.

Main station list table for the sixth section, including columns for Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists stations like TUZ, MLZ, MLZ, etc.

IDC 12 06:24:36.4i.1.2.2109S:68.11W, h132km, 15km, mb3.8/1, mb1 3.7/3, mb1mx3.3/3, mbtmp3.4/3, Error ellipse: s-maj=46.7km s-min=17.1km az=117.0, Chile-Bolivia border region

ISC 12 07:03:52.8i.0.4.55.44S:158.58E:0.08, h10km, (h10km, 5km, p), n24, a1920/95, mb5.0/31, MS4.4/13, 13C-8D, Macquarie Island region

ISC 12 07:03:52.8i.0.4.55.44S:158.58E:0.08, h10km, (h10km, 5km, p), n24, a1920/95, mb5.0/31, MS4.4/13, 13C-8D, Macquarie Island region

ISC 12 07:03:52.8i.0.4.55.44S:158.58E:0.08, h10km, (h10km, 5km, p), n24, a1920/95, mb5.0/31, MS4.4/13, 13C-8D, Macquarie Island region

ISC 12 07:03:52.8i.0.4.55.44S:158.58E:0.08, h10km, (h10km, 5km, p), n24, a1920/95, mb5.0/31, MS4.4/13, 13C-8D, Macquarie Island region

ISC 12 07:03:52.8i.0.4.55.44S:158.58E:0.08, h10km, (h10km, 5km, p), n24, a1920/95, mb5.0/31, MS4.4/13, 13C-8D, Macquarie Island region

ISC 12 07:03:52.8i.0.4.55.44S:158.58E:0.08, h10km, (h10km, 5km, p), n24, a1920/95, mb5.0/31, MS4.4/13, 13C-8D, Macquarie Island region

ISC 12 07:03:52.8i.0.4.55.44S:158.58E:0.08, h10km, (h10km, 5km, p), n24, a1920/95, mb5.0/31, MS4.4/13, 13C-8D, Macquarie Island region

ISC 12 07:03:52.8i.0.4.55.44S:158.58E:0.08, h10km, (h10km, 5km, p), n24, a1920/95, mb5.0/31, MS4.4/13, 13C-8D, Macquarie Island region

ISC 12 07:03:52.8i.0.4.55.44S:158.58E:0.08, h10km, (h10km, 5km, p), n24, a1920/95, mb5.0/31, MS4.4/13, 13C-8D, Macquarie Island region

ISC 12 07:03:52.8i.0.4.55.44S:158.58E:0.08, h10km, (h10km, 5km, p), n24, a1920/95, mb5.0/31, MS4.4/13, 13C-8D, Macquarie Island region

ISC 12 07:03:52.8i.0.4.55.44S:158.58E:0.08, h10km, (h10km, 5km, p), n24, a1920/95, mb5.0/31, MS4.4/13, 13C-8D, Macquarie Island region

ISC 12 07:03:52.8i.0.4.55.44S:158.58E:0.08, h10km, (h10km, 5km, p), n24, a1920/95, mb5.0/31, MS4.4/13, 13C-8D, Macquarie Island region

ISC 12 07:03:52.8i.0.4.55.44S:158.58E:0.08, h10km, (h10km, 5km, p), n24, a1920/95, mb5.0/31, MS4.4/13, 13C-8D, Macquarie Island region

ISC 12 07:03:52.8i.0.4.55.44S:158.58E:0.08, h10km, (h10km, 5km, p), n24, a1920/95, mb5.0/31, MS4.4/13, 13C-8D, Macquarie Island region

ISC 12 07:03:52.8i.0.4.55.44S:158.58E:0.08, h10km, (h10km, 5km, p), n24, a1920/95, mb5.0/31, MS4.4/13, 13C-8D, Macquarie Island region

ISC 12 07:03:52.8i.0.4.55.44S:158.58E:0.08, h10km, (h10km, 5km, p), n24, a1920/95, mb5.0/31, MS4.4/13, 13C-8D, Macquarie Island region

ISC 12 07:03:52.8i.0.4.55.44S:158.58E:0.08, h10km, (h10km, 5km, p), n24, a1920/95, mb5.0/31, MS4.4/13, 13C-8D, Macquarie Island region

ISC 12 07:03:52.8i.0.4.55.44S:158.58E:0.08, h10km, (h10km, 5km, p), n24, a1920/95, mb5.0/31, MS4.4/13, 13C-8D, Macquarie Island region

ISC 12 07:03:52.8i.0.4.55.44S:158.58E:0.08, h10km, (h10km, 5km, p), n24, a1920/95, mb5.0/31, MS4.4/13, 13C-8D, Macquarie Island region

ISC 12 07:03:52.8i.0.4.55.44S:158.58E:0.08, h10km, (h10km, 5km, p), n24, a1920/95, mb5.0/31, MS4.4/13, 13C-8D, Macquarie Island region

ISC 12 07:03:52.8i.0.4.55.44S:158.58E:0.08, h10km, (h10km, 5km, p), n24, a1920/95, mb5.0/31, MS4.4/13, 13C-8D, Macquarie Island region

ISC 12 07:03:52.8i.0.4.55.44S:158.58E:0.08, h10km, (h10km, 5km, p), n24, a1920/95, mb5.0/31, MS4.4/13, 13C-8D, Macquarie Island region

ISC 12 07:03:52.8i.0.4.55.44S:158.58E:0.08, h10km, (h10km, 5km, p), n24, a1920/95, mb5.0/31, MS4.4/13, 13C-8D, Macquarie Island region

ISC 12 07:03:52.8i.0.4.55.44S:158.58E:0.08, h10km, (h10km, 5km, p), n24, a1920/95, mb5.0/31, MS4.4/13, 13C-8D, Macquarie Island region

ISC 12 07:03:52.8i.0.4.55.44S:158.58E:0.08, h10km, (h10km, 5km, p), n24, a1920/95, mb5.0/31, MS4.4/13, 13C-8D, Macquarie Island region

LFK	Leftkose	6.79	78	ePn	Pn	08 00 11.6 -1.0
KONT	Konya-Tatoy	6.81	54	ePn	Pn	08 00 13.8 +0.9
LADK	Ladik-KONYA	6.95	52	ePn	Pn	08 00 15.7 +0.9
KIZT	Kizilcol	7.06	46	ePn	Pn	08 00 17.1 +0.8
EREN	Erenkoy	7.34	76	ePn	Pn	08 00 19.2 +0.9
SULT	Sultanhanli-AKS	7.72	56	ePn	Pn	08 00 21.9 +0.6
MERS	Mersin	7.93	67	ePn	Pn	08 00 28.0 +0.1
OFRI	'Of'er	8.14	98	Pn	Pn	08 00 32.8 +0.8
HNTI	Hanita	8.21	94	Pn	Pn	08 01 59.8 -4.8
HNTI						08 00 32.2 -0.1
KZIT	Kziot	8.23 100		Pn	Pn	08 00 32.1 -6.1
KZIT						08 00 32.4 -0.7
SLTI	Sa'it	8.28 110		Pn	Pn	08 02 01.3 -5.1
SLTI						08 00 34.7 0.0
RTMI	Retamim	8.40 109		Pn	Pn	08 00 35.1 +0.3
MMA0B	Mount Meron Ar	8.41 95		Pn	Pn	08 02 04.3 -5.2
MMA0B						08 00 34.8 0.0
MMAI	Mount Meron Ar	8.41 95		Pn	Pn	08 02 08.0 -1.6
MMAI						6.7nm,0.3s,baz=318,slow=27,SNR=5.9
KARA	Karaisali	8.45 65		ePn	Pn	08 00 35.2 -0.1
KRTS	Karatas	8.51 70		ePn	Pn	08 00 35.4 -0.7
SOI	Samo	8.54 300		Pn	Pn	08 00 36.1 -0.5
SOI						08 02 04.5 -8.3
SOI	Samo	8.54 300		Pn	Pn	08 00 36.1 -0.5
MMLI	Mount Malkishu	8.55 98		Pn	Pn	08 00 36.5 -0.2
MMLI						08 02 05.7 -7.1
KSDI	Kefar Szold	8.59 93		Pn	Pn	08 00 36.8 -0.5
KSDI						08 02 08.6 -5.4
YTR	Yatir	8.62 106		Pn	Pn	08 00 38.3 +0.6
HRI	Mount Hermon	8.64 93		Pn	Pn	08 00 38.4 -1.6
BRTR	Keskin Array B	8.65 47		Pn	Pn	08 00 39.0 +0.9
BRTR						comp=Z,1.0nm,0.3s
BRTR	Keskin Array B	8.65 47		Pn	Pn	08 00 39.0 +0.9
BRTR						comp=Z,0.5nm,0.3s,baz=219,slow=15,SNR=8.6
BRTR	Keskin Array B	8.65 47		Pn	Pn	08 00 39.0 +0.9
BRTR						comp=Z,1.0nm,0.3s
HMDT	Nahal Hemdai	8.68 99		Pn	Pn	08 00 37.6 -0.9
HMDT						08 02 10.3 -5.8
CEL	Celeste	8.74 301		Pn	Pn	08 00 39.5 +0.2
CEL						comp=Z,40nm,0.7s
CEL	Celeste	8.74 301		Pn	Pn	08 00 39.5 +0.2
CEL						comp=Z,40nm,0.7s
KSHT	Keshet	8.75 94		Pn	Pn	08 00 39.2 -0.3
DSI	Dead Sea	8.76 104		Pn	Pn	08 00 39.6 0.0
DSI						08 02 12.3 -5.3
MTTG	Motta San Giov	8.78 299		Pn	Pn	08 00 40.0 +0.2
MTTG						comp=Z,94nm,0.6s
MTTG	Motta San Giov	8.78 299		Pn	Pn	08 00 40.0 +0.2
MTTG						comp=Z,94nm,0.6s
MZDA	Masada	8.84 106		Pn	Pn	08 00 40.3 -0.3
MZDA						08 02 14.6 -5.4
KRMI	Paran Flat	8.84 114		Pn	Pn	08 00 40.5 -0.2
KRMI						08 02 13.9 -6.3
HAVL	Avola	8.86 292		Pn	Pn	08 00 40.3 -0.6
HAVL						08 02 15.1 -0.6
PRNI	Paran	8.95 112		Pn	Pn	08 00 41.8 -0.3
PRNI						08 02 16.9 -5.8
ZFRI	Hatir	9.09 111		Pn	Pn	08 00 41.7 -6.7
ZFRI						08 02 17.4 -6.7
HTY	Hazy	9.02 74		ePn	Pn	08 00 41.8 -1.2
KOZT	Kozan	9.11 65		ePn	Pn	08 00 43.8 -0.5
HRFI	Mount Harif	9.12 114		Pn	Pn	08 00 44.6 +0.1
HRFI						08 02 21.4 -5.6
MBRI	Mt Berech	9.14 115		Pn	Pn	08 00 44.4 -0.5
MBRI						08 02 22.4 -5.2
EIL	Elat	9.24 116		Pn	Pn	08 00 46.9 +0.8
EIL						comp=Z,3.9nm,0.3s,baz=251,slow=5.8,SNR=34
EIL	Elat	9.24 116		Pn	Pn	08 02 28.1 -1.8
EIL						comp=Z,4.1nm,0.3s,baz=303,slow=16,SNR=4.7
EIL	Elat	9.24 116		Pn	Pn	08 00 46.9 +0.8
EIL						08 02 28.1 -1.8
EIL	Elat	9.24 116		Pn	Pn	08 00 46.9 +0.8
EIL						08 02 28.1 -1.7
EIL	Elat	9.24 116		Pn	Pn	08 00 45.6 -0.5
EIL						08 02 24.6 -5.2
EIL	Aqaba	9.28 115		Pn	Pn	08 00 46.5 -0.2
VAE	Valguarnera	9.55 294		Pn	Pn	08 00 50.2 -0.2
VAE						comp=Z,5.3nm,0.3s,baz=268,slow=5.4,SNR=6.6
VAE	Valguarnera	9.55 294		Pn	Pn	08 02 35.7 -1.7
VAE						comp=Z,2.7nm,0.3s,baz=35,slow=15,SNR=2.6
VAE	Bunyan	9.64 58		ePn	Pn	08 00 50.2 -0.2
BNN	Yozgat	9.67 52		ePn	Pn	08 02 35.7 -1.8
YONZ	Jabal al Asfar	9.82 98		Pn	Pn	08 00 51.6 0.0
ASF						08 00 52.2 +0.2
ASF						08 00 54.3 +0.1
ASF						08 02 42.3
ASF						comp=Z,1.0nm,0.3s
ASF						comp=N,1.0nm,0.3s
ASF	Jabal al Asfar	9.82 98		Pn	Pn	08 00 54.3 +0.1
ASF						comp=Z,0.5nm,0.3s,baz=192,slow=4.0,SNR=3.2
ASF						08 02 42.3 -1.9
KMRS	Kahramanmaraş	9.93 67		ePn	Pn	08 00 54.8 -0.8
GIB	Gibilmanna	10.00 296		Pn	Pn	08 00 57.3 +0.8
GIB						comp=Z,48nm,0.9s
GIB	Gibilmanna	10.00 296		Pn	Pn	08 00 57.3 +0.8
GIB						comp=Z,48nm,0.9s
GIB	Gibilmanna	10.00 296		Pn	Pn	08 00 57.3 +0.8
GIB						comp=Z,48nm,0.9s
SARI	Sardiz-Kayseri	10.18 60		ePn	Pn	08 00 54.5 -4.5
MALT	Malatya	11.32 64		ePn	Pn	08 01 13.6 -1.1
MALT						08 01 13.6 -1.1
MLR	Muntele Rosu	11.38 2		Pn	Pn	08 01 15.8 +0.4
MLR						comp=Z,0.4nm,0.3s,baz=182,slow=3.3,SNR=5.1
BUR08	Bucovina Ar. S	13.53 359		ePn	Pn	08 01 15.8 +0.4
BUR08						08 01 46.6 +1.9
BOJS	Bojanci	13.79 329		ePn	Pn	08 01 45.2 +2.9
BOJS						08 04 09.2 -1.2
BOJS	Bojanci	13.79 329		ePn	Pn	08 01 45.4 -3.0
BOJS						08 01 51.0 -3.0
VISS	Vissnje	14.21 328		ePn	Pn	08 04 21.0 -10
VISS						08 01 56.5 -3.3
JAVS	Javornik	14.62 327		ePn	Pn	08 02 22.2 -9.2
JAVS						08 02 04.5 -0.3
KOLS	Kolonickie sedl	15.00 352		ePn	Pn	08 02 04.5 -0.3
KOLS						08 02 04.5 -0.3
YVHS	Yvonne	15.19 343		ePn	Pn	08 02 06.1 -1.2
YVHS						08 02 06.1 -1.2
PGF	Pioggia	15.38 308		ePn	Pn	08 02 04.1 -5.7
STHS	Stebnicka Huta	15.61 350		ePn	Pn	08 02 16.4 +3.6
STHS						08 02 16.4 +3.6
LVV	L'vov	15.74 357		ePn	Pn	08 02 11.7 -2.7
KBA	Koelnbreinsper	15.85 328		P	Pn	08 02 20.2 +4.3
KBA						comp=Z,16nm,0.8s
KBA	Koelnbreinsper	15.85 328		P	Pn	08 02 20.2 +4.3
KBA						comp=Z,16nm,0.8s
ABTA	Abfaltersbach	15.97 326		iP	pP	08 02 22.2 -2.7
MOA	Molin	16.08 332		iP	Pn	08 02 22.8 +3.9
MOA						comp=Z,13nm,0.5s
MOA	Molin	16.08 332		P	Pn	08 02 22.8 +3.9
MOA						comp=Z,6.0nm,0.5s
VRAC	Vranov	16.54 339		P	Pn	08 02 25.7 +1.0
VRAC						comp=Z,1.0nm,0.3s
VRAC	Vranov	16.54 339		Pn	Pn	08 02 25.7 +0.9
VRAC						comp=Z,1.0nm,0.3s,baz=164,slow=9.1,SNR=6.6
VRAC	Garni	16.54 63		ePn	Pn	08 02 25.6 +0.9
GNI	Garni	16.54 63		ePn	Pn	08 02 21.7 -3.2
GNI						comp=Z,27nm,1.3s
GNI	Garni	16.54 63		Pn	Pn	08 02 28.5 +3.6
GNI						comp=Z,1.4nm,0.3s,baz=163,slow=16.3,SNR=3.1
GNI	Garni	16.54 63		Pn	Pn	08 02 21.7 -3.2
RJOB	Jochberg	16.59 329		ePn	Pn	08 02 29.7 +4.2
KIV	Kislodovsk	16.61 49		ePn	Pn	08 02 29.6 +3.9
KIV						comp=Z,7.0nm,0.9s
KIV	Kislodovsk	16.61 49		ePn	Pn	08 02 29.0 +3.3
KIV						comp=Z,13nm,0.8s
KIV	Kislodovsk	16.61 49		ePn	Pn	08 02 29.0 +3.3
KIV						comp=Z,30nm,1.0s
KIEV	Kiev	16.81 8		ePn	Pn	08 02 27.5 -0.7
KIEV						comp=Z,19nm,0.6s

KIEV	Kiev	16.81	8	ePn	Pn	08 02 27.4 -0.7
KIEV						comp=Z,19nm,0.6s
AKASG	Malin Array Be	16.82	8	P	Pn	08 02 27.7 -0.6
AKASG						comp=Z,6.0nm,0.3s
AKASG	Malin Array Be	16.82	8	Pn	Pn	08 02 27.7 -0.6
AKASG						comp=Z,6.2nm,0.3s,baz=200,slow=11,SNR=42
AKASG	Malin Array Be	16.82	8	P	Pn	08 02 27.7 -0.6
AKASG						comp=Z,6.0nm,0.3s
AKB	Malin Array Si	16.82	8	Pn	Pn	08 02 27.3 -1.0
FETA	Feichten	17.02 324		iP	Pn	08 02 34.3 +3.5
FETA						comp=Z,14nm,0.9s
FETA	Feichten	17.02 324		P	Pn	08 02 34.3 +3.5
FETA						comp=Z,14nm,0.9s
GEC2	GERESS Array S	17.11 333		ePn	Pn	08 02 33.6 +1.6
GEC2						comp=Z,11nm,0.8s
GEC2	GERESS Array S	17.11 333		ePn	Pn	08 02 33.6 +1.6
GEC2						comp=Z,11nm,0.8s
GEC2	GERESS Array S	17.11 333		ePn	Pn	08 02 33.6 +1.6
GEC2						comp=Z,11nm,0.8s
GERES	GERESS Array B	17.11 333		Pn	Pn	08 02 31.1 -0.9
GERES						comp=Z,1.0nm,0.3s
GERES	GERESS Array B	17.11 333		Pn	Pn	08 02 31.1 -0.8
GERES						comp=Z,1.1nm,0.3s,baz=148,slow=12,SNR=42
GERES	GERESS Array B	17.11 333		P	Pn	08 02 31.1 -0.9
GERES						comp=Z,1.0nm,0.3s
DAVOX	Davos/Dischmat	17.28 322		P	Pn	08 02 34.2 +0.1
DAVOX						comp=Z,0.1nm,0.3s,baz=154,slow=21,SNR=2.1
DAVOX	Davos	17.28 322		P	Pn	08 02 34.2 +0.1
DAVOX						comp=Z,0.1nm,0.3s
DAVOX	Davos	17.28 322		P	Pn	08 02 34.2 -1.0
DAVOX						comp=Z,0.1nm,0.3s
FRF	La Foret Royal	17.37 308		ePn	Pn	08 02 31.2 -4.1
FRF						comp=Z,64nm,1.3s
FRF	La Foret Royal	17.37 308		ePn	Pn	08 02 31.2 -4.1
FRF						comp=Z,32nm,1.3s
FRF	La Foret Royal	17.37 308		ePn	Pn	08 02 31.2 -4.1
FRF						comp=Z,32nm,1.3s
KHC	Kasperske Hory	17.39 333		ePn	MLR	08 02 34.5 -1.0
KHC						comp=Z,200nm,9.1s
KHC	Kasperske Hory	17.39 333		ePn	MLR	08 02 34.5 -1.0
KHC						comp=Z,200nm,9.1s
KHC	Kasperske Hory	17.39 333		ePn	AMS	08 02 34.5 -1.0
KHC						comp=Z,200nm,9.1s
KHC	Kasperske Hory	17.39 333		ePn	AMS	08 02 34.5 -1.0
KHC						comp=Z,200nm,9.1s
DPC	Dobruska-Polom	17.55 340		ePn	Pn	08 02 37.7 +0.3
FUR	Furstenfeldbru	17.58 327		ePn	Pn	08 02 38.8 +0.9
FUR						comp=Z,55nm,1.1s
FUR	Furstenfeldbru	17.58 327		ePn	Pn	08 02 38.8 +0.9
FUR						comp=Z,

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like T13A Saint George, ISCO Idaho Springs, Q19A Hogan Spring, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ECSD Walker, WAKR Gardner Place, K17A Columbia Colle, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like G08A Pilot Rock, D13A Huson, H06A Lindquist Farm, etc.

ISCJB 12 08:25:45.9, 1.2, 20.2S:0.1:177.8W:0.1, h470km, 19km, mb4.0/11, Error ellipse: s-maj=25.9km s-min=13.0km az=40.0
NEIC 12 08:25:47.5, 1.2, 20.29S:177.65W, h486km, 14km, mb4.9/4, Error ellipse: s-maj=21.2km s-min=11.7km az=138.0
IDC 12 08:25:50.1, 5.1, 20.37S:177.64W, h514km, 56km, mb3.6/3, mb1 3.6/9, mb1mx3.4/16, mbtmp3.4/9, Error ellipse: s-maj=33.6km s-min=24.5km az=179.0
ISC 12 08:25:46.5, 1.1, 3.20S:0.1:177.7W:0.1, h466km, 20km, m24, 08/8/16, mb4.0/11, 1D, Fiji Islands region

Table with columns for station name, frequency, mode, and time. Includes stations like GERES, KHC, PRU, FETA, etc.

Table with columns for station name, frequency, mode, and time. Includes stations like ETSF, GIVF, BAIF, etc.

Table with columns for station name, frequency, mode, and time. Includes stations like KMI, FITZ, QIZ, etc.

OZH	Quanzhou	64.21	52	P	S	09 00 50.2 +1.4
OZH				S	LR	09 09 17.7 -8.9
OZH	comp=N,5um,16.8s,MS5.8			LR	LR	
OZH	comp=E,2um,13.4s,MS5.8			LR	LR	
OZH	comp=Z,5um,16.7s,MS5.8			LR	LR	
ABKAR	Akbulak array	64.62	355	eP	P	09 00 51.2 +0.2
YHNB	comp=Z,8.9nm,0.9s,mb5.8					
YHNB	Yeheng	66.21	54	PFAKE	LR	09 01 20.0 +18
TATO	comp=Z,1um,20.0s,MS5.2					
TATO	Taipei	66.45	54	PFAKE	LR	09 01 20.0 +17
KURK	comp=Z,2um,20.0s,MS5.2					
KURK	Kurchatov	66.55	8	eP	P	09 01 03.1 -0.3
KURK	comp=Z,24nm,1.2s,mb5.1					
KURK	comp=Z,2um,19.0s,MS5.2					
TIY	Taiyuan	67.81	38	eP	S	09 01 10.4 -1.3
TIY				S	S	09 10 02.6 -7.3
TIY	comp=Z,340nm,9.4s					
TIY	comp=N,1um,16.1s,MS5.5					
TIY	comp=E,1um,15.8s,MS5.5					
TIY	comp=Z,1um,16.3s,MS5.2					
BRVK	Borovoye	68.12	2	PFAKE	LR	09 01 20.0 +6.3
BRVK	comp=Z,656nm,19.0s,MS4.9					
NJ2	Nanjing	68.39	46	eP	P	09 01 17.5 +2.0
NJ2	comp=Z,10.0nm,0.6s,mb5.0					
NJ2	comp=Z,60nm,7.0s					
NJ2	comp=N,520nm,26.0s,MS4.7					
NJ2	comp=E,320nm,25.5s,MS4.7					
NJ2	comp=Z,510nm,25.6s,MS4.7					
KDZ	Kurdzhali	68.54	328	eP	P	09 01 16.0 -0.2
JMB	Yambol	68.55	329	eP	P	09 01 16.7 +0.5
RZN	Rozhen	68.93	327	eP	P	09 01 19.0 +0.3
TIRR	Tirguosor	69.18	331	eP	P	09 01 20.2 +0.1
TIRR	comp=Z,38nm,1.6s,mb5.1					
HHC	Hu-ho-hao-te	69.45	35	eP	S	09 01 24.9 +3.0
HHC				S	P	09 01 31.0 +4.6
HHC				S	PP	09 04 00.2 +4.5
HHC				S	S	09 10 35.1 +0.4
HHC				S	ScS	09 11 21.5 -1.9
HHC				ScS	Pmax	
HHC	comp=Z,24nm,0.8s,mb5.2					
HHC	comp=Z,390nm,3.7s					
HHC	comp=N,800nm,16.7s,MS5.2					
HHC	comp=E,1um,17.8s,MS5.2					
HHC	comp=Z,1um,20.2s,MS5.1					
SSE	Sheshan	69.49	48	eP	P	09 01 23.2 +0.8
SSE				P	P	09 01 26.4 +0.7
SSE				S	S	09 10 29.4 +0.8
SSE				S	S	09 10 34.7 -0.9
SSE	comp=Z,36nm,0.7s,mb5.4					
SSE	comp=Z,130nm,4.8s					
SSE	comp=N,1um,16.3s,MS5.2					
SSE	comp=E,320nm,16.3s,MS5.2					
SSE	comp=Z,1um,19.7s,MS5.2					
SHEL	Horse Pasture	69.78	258	PFAKE	LR	09 01 40.0 +15
SHEL	comp=Z,3um,20.0s,MS5.5					
VTS	Vitosha	70.36	327	eP	P	09 01 25.3 -2.2
VNA2	Neumayer-Watz	70.54	200	eP	P	09 01 34.3 +6.1
VNA2	Neumayer-Watz	70.54	200	eP	P	09 01 34.3 +6.1
KIS	Kishinev	70.94	333	eP	P	09 01 27.0 -3.9
KIS						09 01 34.0
KIS	comp=Z,400nm,17.0s,MS4.7					
TAM	comp=Z,590nm,18.0s					
TAM	Tamanrasset	71.19	301	PFAKE	LR	09 01 50.0 +17
VNA3	Neumayer Olymp	71.32	199	eP	P	09 01 38.9 +6.0
VNA3	Neumayer Olymp	71.32	199	eP	P	09 01 38.9 +6.0
BJI	Beijing	71.53	38	S	Pmax	09 10 50.5 -3.2
BJI	comp=Z,14nm,1.2s,mb4.8					
BJI	comp=N,850nm,17.6s,MS5.3					
BJI	comp=E,1um,19.6s,MS5.3					
BJI	comp=Z,1um,20.7s,MS5.2					
ARU	Arti	71.86	355	PFAKE	LR	09 01 50.0 +14
ARU	comp=Z,1um,19.0s,MS5.2					
ULN	Ulanbaatar	72.33	27	eP	P	09 01 39.4 +0.2
ULN	comp=Z,64nm,2.0s,mb5.2					
ULN	comp=Z,2um,22.0s,MS5.2					
TAU	Tasmania Unive	72.61	131	PFAKE	LR	09 02 00.0 +19
TAU	comp=Z,890nm,19.0s,MS5.1					
BUR08	Bucovina Ar. S	73.03	332	eP	P	09 01 45.1 +1.6
KIEV	Kiev	73.66	336	eP	P	09 01 47.6 +0.5
KIEV	comp=Z,39nm,1.4s,mb5.2					
TLY	comp=Z,484nm,19.0s,MS4.8					
TLY	Talaya	73.93	23	eP	P	09 01 48.6 0.0
TLY	comp=Z,4.8nm,1.0s,mb4.4					
TLY	comp=Z,2um,19.0s,MS5.4					
DBIC	Dimbokro	74.55	282	PFAKE	LR	09 02 10.0 +17
DBIC	comp=Z,324nm,19.0s,MS4.6					
QSPA	South Pole Qui	74.74	180	eP	P	09 01 54.1 +1.0
QSPA	comp=Z,26nm,1.2s,mb5.0					
QSPA	comp=Z,913nm,19.0s,MS5.1					
CAN	Canberra	74.78	123	PFAKE	LR	09 02 10.0 +16
CAN	comp=Z,1um,20.0s,MS5.1					
OBN	Obninsk	74.80	342	PFAKE	LR	09 02 00.0 +6.4
OBN	comp=Z,595nm,20.0s,MS4.9					
CTAO	Charters Tower	74.90	107	PFAKE	LR	09 02 10.0 +15
CTAO	comp=Z,3um,22.0s,MS5.6					
KOLS	Kolonické seel	75.31	331	eP	P	09 01 58.4 +1.7
KOLS	comp=Z,53nm,1.8s,mb5.2					
KWP	Kalwaria Pacla	75.61	332	PFAKE	LR	09 02 10.0 +12
KWP	comp=Z,451nm,19.0s,MS4.8					
CRVS	Cervenica-Dubn	75.67	331	eP	P	09 01 59.9 +1.1
CRVS	comp=Z,29nm,1.6s,mb5.0					
PSZ	Piszkesteto	75.74	329	PFAKE	LR	09 02 10.0 +11
PSZ	comp=Z,336nm,20.0s,MS4.7					
KECS	Kecovo	75.84	330	eP	P	09 02 04.2 +4.4
STHS	Stebnicka Huta	76.74	331	eP	P	09 02 06.3 +4.9
VYHS	Vyhne	76.65	329	eP	P	09 02 05.4 +1.0
VYHS	comp=Z,18nm,1.7s,mb4.7					
ZST	Bratislava	77.32	328	eP	P	09 02 07.2 -1.0
ZST	Trieste	77.53	325	PFAKE	LR	09 02 20.0 +11
TRJ	comp=Z,248nm,21.0s,MS4.5					
OKC	Ostrava-Krasne	77.89	330	eP	P	09 02 11.8 +0.5
OKC	Ostrava-Krasne	77.89	330	eP	P	09 02 11.8 +0.5
OKC	Ostrava-Krasne	77.89	330	eP	P	09 02 11.8 +0.5
MORC	Moravsky Berou	78.14	330	eP	P	09 02 12.1 -0.6
MORC	comp=Z,17nm,1.3s,mb4.8					
RJOB	Jochberg	79.28	326	eP	P	09 02 17.8 -1.3
RJOB	comp=Z,87nm,2.2s,mb5.3					

CN2	Changchun	79.33	39	eP	P	09 02 23.1 +3.7
CN2				eS	S	09 02 30.1 +6.2
CN2				eS	S	09 12 21.2 +1.2
CN2	comp=Z,10.0nm,0.6s,mb4.9					
CN2	comp=Z,200nm,7.0s					
CN2	comp=N,300nm,20.0s,MS5.4					
CN2	comp=E,2um,20.0s,MS5.4					
CN2	comp=Z,2um,21.0s,MS5.3					
HIA	Hailar	79.35	32	PFAKE	LR	09 02 30.0 +11
HIA	comp=Z,1um,19.0s,MS5.2					
KSP	Ksiaz	79.45	330	eP	P	09 02 21.2 +1.3
KSP				eP	P	09 02 25.6 +2.4
GECZ	GERESS Array S	79.48	328	eP	P	09 02 18.6 -1.5
GECZ	comp=Z,16nm,1.4s,mb4.9					
KHC	Kasperske Hory	79.72	328	eP	P	09 02 20.9 -0.5
KHC	comp=Z,23nm,1.3s,mb4.9					
KHC	Kasperske Hory	79.72	328	eP	P	09 02 20.4 -1.0
ASCN	Ascension	79.75	265	PFAKE	LR	09 02 40.0 +18
ASCN	comp=Z,3um,20.0s,MS5.7					
PRU	Pruhonice	79.76	329	eP	P	09 02 21.5 -0.1
PRU	Pruhonice	79.76	329	eP	P	09 02 21.5 -0.1
WET	Wetzell	80.09	327	eP	P	09 02 21.6 -1.8
WET	comp=Z,14nm,1.4s,mb4.7					
FUR	Furtenfelden	80.36	326	eP	P	09 02 23.9 -1.0
BRG	Berggiesshobel	80.62	329	eP	P	09 02 20.3 -5.9
BRG	comp=Z,30nm,1.9s,mb4.9					
BRG	comp=Z,50nm,1.6s					
BRG	comp=N,172nm,12.8s					
BRG	comp=E,197nm,18.3s					
BRG	comp=Z,299nm,17.9s					
BRG	Berggiesshobel	80.62	329	eP	P	09 02 20.3 -5.9
BRG				S	S	09 02 27.3
BRG				S	Pmax	09 12 25.0 -8.3
BRG	comp=Z,18nm,1.9s,mb4.7					
BRG	comp=Z,30nm,1.6s,mb5.0					
BRG	comp=N,103nm,12.8s					
BRG	comp=E,118nm,18.3s					
BRG	comp=Z,179nm,17.9s					
BRG	Berggiesshobel	80.62	329	eP	P	09 02 25.9 -0.3
BRG	comp=Z,50nm,1.6s,mb5.2					
ROTZ	Rotzenmuhle	80.82	327	eP	P	09 02 26.5 -0.8
ROTZ	comp=Z,57nm,2.2s,mb5.1					
NKC	Novy Kostel	80.98	328	eP	P	09 02 30.0 +1.9
TANN	Tannenbergsstha	81.08	328	eP	P	09 02 28.2 -0.5
TANN	comp=Z,31nm,1.5s,mb5.0					
GRA1	Grafenberg Arr	81.29	327	eP	P	09 02 28.6 -1.2
GRA1	comp=Z,64nm,1.3s,mb5.4					
GRA1				eP	<	

Table with columns: AGNM, Agassiz Refuge, 144.27 340, PFAKE LR, 09 10 00.0 +10, etc. Includes stations like New Hope, Dagmar, Waterton Lakes, etc.

Table with columns: MIAR, Mount Ida, 154.16 321, PFAKE LR, 09 10 20.0 +14, etc. Includes stations like Elko, Battle Mountain, Hopland, etc.

Table with columns: TWD, Chiawan, 0.18 326 i P, Pn, 09 13 12.5 -0.6, etc. Includes stations like Shilin, Hehuan Shan, Yuli, etc.

ISC/JB 12 09:04:13.3, 36.98N, 29.21E, h5km, MD3.1
ISC/JB 12 09:04:14.6, 6.0, 36.99N, 0.03, 29.21E, 0.03, h2km, 6km,
Error ellipse: s-maj=4.7km s-min=4.4km az=175.8
CSEM 12 09:04:14.6, 6.0, 1.36, 98N, 29.23E, h5km, MD3.1, Error
ellipse: s-maj=3.0km s-min=2.7km az=1.0
DDA 12 09:04:15.2, 37.00N, 29.17E, h8km, 5km, MD3.0
ISC 12 09:04:15.0, 3.5, 36.99N, 0.03, 29.21E, 0.03, h6km, 5km,
M2, 144, 40578/62, Turkey

IDC 12 09:50:19.2, 1.6, 15.24S, 67.22E, h0km, mb3.7/7,
mb1 3.8/7, mb1mx3.7/31, mbtmp3.7/7, MS4.0/10,
MS1 4.0/10, ms1mx3.7/31, Error ellipse: s-maj=53.7km
s-min=27.6km az=46.0, Mid-Indian Ridge

comp=Z:2.5nm,0.8s,baz=165,slow=5.1,SNR=12					
GVD Gavdhos	142.84 256	ePKP	PKP	12 15 39.4	+0.8
VORD Vinodgorie	144.42 289	ePKP	PKP	12 15 37.7	-3.1
VORD					
comp=Z:9.0nm,0.9s					
VORD					
comp=N:10.0nm,0.7s					
VORD					
comp=E:8.0nm,0.7s					
VSR Storozevye	144.61 289	ePKP	PKP	12 15 38.9	-2.2
VSR					
comp=Z:10.0nm,0.5s					
VSR					
comp=N:7.0nm,0.4s					
VSR					
comp=E:5.0nm,0.4s					
LTK Loutraki	145.76 258	P	PKP	12 15 42.0	-1.5
RDO Rodopi	146.44 265	P	PKP	12 15 44.2	-0.4
RES Resolute Bay	146.50 28	PKP	PKP	12 15 43.5	-1.7
comp=Z:9.5nm,0.8s,baz=249,slow=4.4,SNR=9.3					
XOR Xorichti	146.57 260	P	PKP	12 15 45.2	+0.3
PRD Provadia	146.69 269	eP	PKP	12 15 45.5	+0.6
KDZ Kurdzhali	146.83 265	eP	PKP	12 15 45.7	+0.5
TIR Tigrisour	146.88 272	iP	PKP	12 15 46.2	+1.0
TIR Tigrisour	147.53 296	ePKP	PKP	12 15 46.3	+0.8
TLCR Tlarich	147.08 273	iP	PKP	12 15 46.9	+1.4
HARR Harsova	147.29 272	iP	PKP	12 15 47.8	+1.9
HRR Klokotos Trika	147.37 259	P	PKP	12 15 47.3	+1.1
SRS Serrai	147.52 263	P	PKP	12 15 47.1	+0.7
MOS Moscow	147.53 296	ePKP	PKP	12 15 47.2	+0.8
SZS Strazhica	147.57 268	eP	PKP	12 15 47.2	+0.8
OBN Obninsk	147.82 294	iPKP	PKP	12 15 49.0	-2.9
OBN					
comp=Z:2.9nm,1.1s					
OBN Obninsk	147.82 294	ePKP	PKP	12 15 49.3	0.0
KNT Kendrick	147.93 282	P	PKP	12 15 48.6	+1.5
VRI Valandovo	148.24 262	iPKP	PKP	12 15 48.9	+3.1
VAY Vrniciao	148.67 273	iP	PKP	12 15 50.9	+2.8
VTS Vitoshka	148.69 265	eP	PKP	12 15 51.2	+2.9
STIP Stip	148.70 263	iPKP	PKP	12 15 50.2	+2.3
BIA Bitola	148.74 261	iPKP	PKP	12 15 51.0	+1.2
MLR Muntele Rosu	148.90 272	iP	PKP	12 15 51.8	-0.7
KRUS Krustevo	149.01 261	iPKP	PKP	12 15 51.8	-1.2
OHR Ohrid	149.10 260	iPKP	PKP	12 15 50.8	+1.8
SKO Skopje	149.30 262	iPKP	PKP	12 15 53.2	-0.4
VOIR Vohra	149.36 271	iP	PKP	12 15 52.9	-0.8
AKASG Malin Array Be	149.36 271	iP	PKP	12 15 53.4	-1.2
comp=Z:1.1nm,0.6s,baz=95,slow=2.4,SNR=40					
AKB Malin Array Si	149.82 283	ePKP	PKP	12 15 53.6	-1.0
KIEV Kiev	149.83 283	ePKP	PKP	12 15 53.6	-1.0
BUNAR Bucovina Array	150.51 275	iP	PKP	12 15 56.9	+0.5
BURRO Bucovina Ar. S	150.54 275	ePKP	PKP	12 15 56.9	+0.5
GZR Gura Zlata	150.66 269	iP	PKP	12 15 56.6	-0.2
KEST Kesra	151.31 240	PKP	PKP	12 15 59.1	+0.4
comp=Z:2.8nm,0.9s,baz=290,slow=5.4,SNR=16					
KEST					
comp=Z:7.4nm,1.0s,baz=125,slow=9.9,SNR=6.3					
BZS Buzias	151.45 268	iP	PKP	12 15 57.9	-0.7
DIVS Divibare	151.47 264	P	PKP	12 15 58.0	-0.7
DRGR Draga	151.49 271	iP	PKP	12 15 58.2	-0.5
TRPA Tarpa	152.31 273	iP	PKP	12 16 00.3	-0.2
LVV Livno	152.32 278	ePKP	PKP	12 16 00.3	-0.2
JOF Joensuu	152.69 308	ePKP	PKP	12 15 59.2	-1.7
JOF					
comp=Z:9.0nm,0.7s					
JOF Joensuu	152.69 308	eP	PKP	12 15 59.2	-1.7
comp=Z:3.8nm,0.7s					
UZH Uzhgorod	152.71 274	ePKP	PKP	12 15 52.2	-2.1
UZH					
UZH					
PKSM Moragy	153.49 267	iPKP	PKP	12 16 02.4	-0.8
PKSM Moragy	153.49 267	iPKP	PKP	12 16 02.3	-0.8
SCHO Schefferville	154.27 72	PKP	PKP	12 16 17.9	-0.8
comp=Z:4.3nm,0.8s,baz=236,slow=3.4,SNR=5.3					
KAF Kangasniemi	154.39 305	ePKP	PKP	12 16 02.8	+5.9
KAF					
comp=Z:4.0nm,0.7s					
KAF Kangasniemi	154.89 305	eP	PKP	12 16 02.8	+5.9
comp=Z:3.9nm,0.7s					
FINES FINES Array B	154.91 304	PKP	PKP	12 16 04.8	-0.9
comp=Z:4.6nm,0.6s,baz=93,slow=5.5,SNR=19					
FINES					
comp=Z:7.0nm,0.8s,baz=94,slow=5.9,SNR=3.5					
FINES FINES Array B	154.91 304	PKP	PKP	12 16 04.8	-0.9
FINES					
FINES					
ARCES ARCCESS Array B	154.93 323	PKP	PKP	12 16 04.8	-0.7
ARCES					
comp=Z:1.1nm,1.0s,baz=32,slow=3.6,SNR=7.4					
ARCES					
comp=Z:9.9nm,1.0s,baz=76,slow=3.8,SNR=4.1					
ARCES ARCCESS Array B	154.93 323	PKP	PKP	12 16 04.8	-0.7
ARCES					
GERES GERESS Array B	157.73 268	PKP	PKP	12 16 00.5	-0.6
comp=Z:0.2nm,0.3s,baz=254,slow=3.7,SNR=3.3					
GERES					
comp=Z:0.6nm,0.7s,baz=104,slow=5.6,SNR=5.1					
LMR La Mour	158.44 248	ePKP	PKP	12 16 36.4	-0.6
comp=Z:2.8nm,1.2s					
FRF La Foret Royal	158.24 248	ePKP	PKP	12 16 36.8	-0.5
comp=Z:3.5nm,1.1s					
MBDF Montbard	159.24 251	ePKP	PKP	12 16 40.7	+0.3
comp=Z:4.0nm,1.1s					
CLL Collin	159.26 273	ePKP	PKP	12 16 40.0	-0.3
SMRF Simiane la Rot	159.38 248	ePKP	PKP	12 16 41.9	+0.9
LPG La Plagne	159.74 253	ePKP	PKP	12 16 41.9	-0.7
LPL La Plagne	159.76 253	ePKP	PKP	12 16 42.2	-0.5
ORIF Oris-et-Rattie	159.85 250	ePKP	PKP	12 16 42.2	-0.8
comp=Z:2.5nm,1.0s					
LASF Ste Croix	160.35 246	ePKP	PKP	12 16 44.8	-0.4
comp=Z:1.2nm,0.8s					
VIVF Saint-Julien-1	160.45 248	ePKP	PKP	12 16 45.1	-0.6
comp=Z:2.8nm,1.1s					
ESDC Sonseca Array	160.55 224	PKP	PKP	12 16 45.1	-1.1
comp=Z:4.1nm,0.7s,baz=151,slow=3.9,SNR=17					
CABF La Chapelle	161.79 254	ePKP	PKP	12 16 46.4	-0.7
HINF Hintzenfeld	161.07 258	ePKP	PKP	12 16 47.0	-1.3
CDP Champ du Feu	161.60 260	ePKP	PKP	12 16 47.2	-1.5
EPF Esparros	161.36 238	ePKP	PKP	12 16 49.1	-0.6
comp=Z:2.5nm,1.1s					
HAU Hautdompre	161.46 256	ePKP	PKP	12 16 48.6	-1.4
comp=Z:3.9nm,0.7s					
ETSF Etsaut	161.69 238	ePKP	PKP	12 16 50.4	-0.7
comp=Z:1.6nm,1.0s					
CAF Calviac	161.86 245	ePKP	PKP	12 16 51.9	+0.1
comp=Z:1.4nm,0.9s					
SMF Signal de Mont	162.04 252	ePKP	PKP	12 16 50.9	-1.7
SJPF Ste Jean	162.17 235	ePKP	PKP	12 16 53.3	+0.1
comp=Z:3.9nm,1.1s					
AVF Avril sur Loir	162.40 251	ePKP	PKP	12 16 52.7	-1.4
RJF Les Rejaudoux	162.41 245	ePKP	PKP	12 16 54.0	-0.2
LOR Lormes	162.41 253	ePKP	PKP	12 16 53.4	-0.8
comp=Z:1.2nm,0.9s					
SSF Saint Saulege	162.48 252	ePKP	PKP	12 16 53.6	-0.9
comp=Z:1.6nm,1.1s					
BGF Bois d'Agland	162.53 250	ePKP	PKP	12 16 54.4	-0.3
comp=Z:1.6nm,0.8s					
LFF La Frestelle	162.55 243	ePKP	PKP	12 16 54.5	-0.3
TCF Toulx Ste Croi	162.69 248	ePKP	PKP	12 16 55.3	-0.1
comp=Z:1.4nm,1.1s					
GIVF Givet	163.40 263	ePKP	PKP	12 16 57.4	-1.0
MFF Saint Martin d	164.13 245	ePKP	PKP	12 17 01.5	-0.3
comp=Z:3.7nm,1.3s					
LDM La Drulivrie	165.36 251	ePKP	PKP	12 17 06.0	-1.1
SGMF Saint Gilles	166.45 246	ePKP	PKP	12 17 11.1	-0.8
QUIF Quistin	166.55 244	ePKP	PKP	12 17 11.1	-0.3
ROSF Rostreren	166.88 245	ePKP	PKP	12 17 14.3	+0.5
comp=Z:1.73nm,1.5s					

Duration: 1s3 Moment tensor: Scale 10¹⁷Nm;
M=0.02t:0.3; M=1.32t:0.3; M=1.31t:0.3; M=0.47t:0.7;
M=1.44t:0.3; M=0.11t:0.0; Best double couple:
M=2.01000e+107 NP1=21.00000e+8,676.00000e+8,
λ=2.00000e+8. NP2=111.00000e+8,688.00000e+8,
λ=1.66.00000e+8. Principal axes: T 1.9890, P1g9.0000e+8,
Az=245.0000e+8; N 0.0490, P1g76.0000e+8, Az=118.0000e+8;
-2.0300, P1g11.0000e+8, Az=337.0000e+8; nst1 refers to
body waves, cutoff=40s. nst2 refers to surface waves,
cutoff=50s.

MOS 12 12:05:14.2: 1.1, 43:54N: 127:62W, h24km, mb5.4/79,
MS4.9/27. Error ellipse: s-maj=5.3km s-min=4.4km
b=108.5

ISC 12 12:05:14.4: 0.2, 43:65N: 127:67W, h103,h10km,
(h21km, 2.1km; p-P), n506, n198/488, mb5.1/177,
MS4.9/73, 27C-13D, Off coast of Oregon

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	Res
					h m s	ISC
KEM	Edson Butte	2.56	107	P	12 05 51.9	-4.0
TAKO	Takhenich	2.61	87	P	12 05 53.5	-3.1
RNO	Roman Nose	2.86	83	P	12 05 57.5	-2.6
MPOR	Mary's Peak	3.09	73	P	12 06 01.1	-2.2
HBO	Mount Hebo	3.21	60	P	12 06 03.5	-1.5
COR	Corvallis	3.28	72	eP	12 06 04.3	-1.6
KIO	Eugene	3.52	62	P	12 06 04.8	-2.0
EUGO	Hill Mountain	3.55	55	H	12 06 08.6	-1.4
BBOR	Butler Bunte	3.73	100	P	12 06 09.7	-2.3
NLO	Nicolai Mounta	3.87	49	P	12 06 13.5	-0.4
IRO	Indian Ridge	3.94	83	P	12 06 13.3	-1.6
KHMM	Horse Mountain	4.02	132	eP	12 06 14.1	-2.1
FRIS	Frisal Point	4.06	80	P	12 06 15.5	-1.1
YBH	Yreka Blue Hor	4.13	116	Pn	12 06 15.9	-1.6
7.8nm,0.3s,baz=293,slow=12,SNR=79						
YBH						
6.7nm,0.3s,baz=193,slow=16,SNR=36						
YBH						
comp=Z:1.11nm,20.8s,baz=295,slow=37						
YBH </						

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Gaotai, Wuhan, Lanzhou, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KMI, CPUC, LPAZ, WNA3, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NOU, DZM, CTA, CTAO, STKA, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like SSN, GBS2, GBS3, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like PPM, PTVM, Pico Tres Padr, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like SMLT, YOJ, YUS, etc.

IDC 12 13:21:25.3.2.0, 14.05N, 92.20W, h0km, mb3.9/3, mb1 4.1/7, mb1mx3.8/23, mbrtmp3.9/7, ML3.6/4, MS3.1/1, Ms1 3.1/1, ms1mx2.6/31, Error ellipse: s-maj=43.1km s-min=26.3km az=31.0

ISCJB 12 13:21:27.0.0.6, 13.89N, 0.05, 92.29W, 0.0, h33km, mb3.7/4, Error ellipse: s-maj=7.4km s-min=3.1km az=30.6

MEX 12 13:21:27.8.0.4, 13.80N, 92.35W, h16km, 31km, MD4.3 NEIC 12 13:21:27.9, 13.81N, 92.35W, h16km, MD4.3(MEX), After MEX.

CASC 12 13:21:30.0.1.6, 13.94N, 92.13W, h50km, 43km, MD4.0 ISC 12 13:21:28.4.1.1, 13.95N, 0.05, 92.24W, 0.0, h28km, 28km, n37, r=152/57, mb3.7/4, 1D, Off coast of Chiapas

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

ISCJB 12 13:40:35.9.0.7, 38.81N, 0.03, 26.12E, 0.06, h10km, Error ellipse: s-maj=7.0km s-min=3.5km az=166.9

CSEM 12 13:40:35.9.0.4, 38.81N, 26.19E, h8km, MD2.8, Error ellipse: s-maj=10.5km s-min=5.6km az=81.0

DDA 12 13:40:35.6, 38.82N, 26.18E, h25km, 1km, MD2.8 ATH 12 13:40:36.0, 38.85N, 26.27E, h23km, MD3.0

ISC 12 13:40:35.4.0.9, 38.79N, 0.03, 26.14E, 0.06, h0km, 5km, n25, r=85/48, Aegean Sea

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

ISCJB 12 13:57:53.3.1.1, 11.89S, 165.37E, h0km, mb3.9/6, mb1 4.1/7, mb1mx3.9/15, mbrtmp4.0/7, ML4.5/1, MS3.0/1, Ms1 3.0/1, ms1mx2.0/23, Error ellipse: s-maj=38.3km s-min=23.0km az=173.0

ISCJB 12 13:57:56.8.6.4, 11.9S, 0.1, 165.2E, 0.1, h18km, 42km, mb4.1/9, Error ellipse: s-maj=24.4km s-min=14.2km az=27.5

NEIC 12 13:57:58.6.0.6, 11.86S, 165.29E, h35km, mb4.5/2, Error ellipse: s-maj=18.1km s-min=13.0km az=188.0

ISC 12 13:57:56.8.6.4, 11.8S, 0.1, 165.3E, 0.1, h21km, 44km, n12, r=67/13, mb4.1/9, Santa Cruz Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like IRIF, IRIF, Iriomote-Funau, etc.

TAP 12 13:55:13.7, 23.89N, 122.01E, h37km, ML3.1, C JMA 12 13:55:13.8.0.3, 23.92N, 122.04E, h62km, M2.4

ISCJB 12 13:55:14.1.0.3, 23.90N, 0.02, 122.05E, 0.02, h33km, Error ellipse: s-maj=3.0km s-min=2.1km az=149.6

ISC 12 13:55:14.5.0.3, 23.90N, 0.02, 122.04E, 0.02, h35km, n43, r=67/14, 2C, Taiwan region

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

ISCJB 12 14:11:55.8.6.1, 2.19S, 0.1, 169.3E, 0.2, h33km, mb3.7/5, Error ellipse: s-maj=29.8km s-min=11.7km az=39.8

IDC 12 14:12:11.8.9.8, 17.75S, 166.66E, h0km, mb3.8/5, mb1 4.0/5, mb1mx3.8/15, mbrtmp3.8/5, MS3.7/2, Ms1 3.6/2, ms1mx3.2/22, Error ellipse: s-maj=26.5km s-min=46.1km az=31.0

ISC 12 14:11:57.4.1.2, 19.3S, 0.2, 169.4E, 0.2, h35km, n11, r=1906/11, mb3.7/5, Vanuatu Islands

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

ISCJB 12 14:11:55.8.6.1, 2.19S, 0.1, 169.3E, 0.2, h33km, mb3.7/5, Error ellipse: s-maj=29.8km s-min=11.7km az=39.8

IDC 12 14:12:11.8.9.8, 17.75S, 166.66E, h0km, mb3.8/5, mb1 4.0/5, mb1mx3.8/15, mbrtmp3.8/5, MS3.7/2, Ms1 3.6/2, ms1mx3.2/22, Error ellipse: s-maj=26.5km s-min=46.1km az=31.0

ISC 12 14:11:57.4.1.2, 19.3S, 0.2, 169.4E, 0.2, h35km, n11, r=1906/11, mb3.7/5, Vanuatu Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like LASL, Noumea, Port Laguerre, etc.

Table with columns: TLY, comp, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Entiat, Cedar City, Eagle, Dease Lake, Lajitas Array, Inuvik, Pasco Flores, Urumqi, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Kakadu, Tennant Creek, Warramunga Arr, Kite Kinabalu, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Fitz, Fitz, Fitz, KAKA, BOSHA, CM31, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Bishop Farm, Walker, Fry Pan Ranch, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Ostrava-Krasne, Raciborz, Moravsky Berou, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like El Mayor, Rancho Dawling, El Chinerro, etc.

Table with columns: Property Name, Address, Price, Status, Date, and other details. Includes entries like TOCH Topocilla, MNMC Mize Mize, ANCH Antofagasta, etc.

Table with columns: Property Name, Address, Price, Status, Date, and other details. Includes entries like W14A Seligman, T17A Navajo Res., X13A Yucca, etc.

Table with columns: Property Name, Address, Price, Status, Date, and other details. Includes entries like L12A House Creek Ra, J14A Carey, F18A Big Timber, etc.

ISCJB 12 18:02:03.0 4.0, 4.55:26S:0.05:158:88E:0.10, h10km, mb4.7/21, MS3.7/2, Error ellipse: s-maj=9.2km s-min=5.7km az=36.6

IDC 12 18:02:03.0 4.0, 4.55:27S:158:96E:h0km, mb4.5/11, mb1.4/9/11, mb1mx4.6/15, mbtmp4.5/11, MS3.8/2, MS1.3/2, ms1mx3.3/21, Error ellipse: s-maj=32.4km s-min=16.6km az=70.0

NEIC 12 18:02:04.8 0.3, 4.55:28S:158:73E, h10km, mb4.9/9, Error ellipse: s-maj=11.3km s-min=8.3km az=83.0

ISC 12 18:02:05.3 0.4, 4.55:31S:0.05:158:74E:0.10, h10km, n80, c15/14/57, mb4.7/22, MS3.7/2, 7C-2D, Macquarie Island region

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC APZ The Paps 10.28 38 PN Pn 18 04 31.4 -1.3

APZ Puysegur Point 10.44 32 ePN Pn 18 04 33.5 -1.3 PYZ Scrubby Hill 10.95 41 ePN Pn 18 04 35.6 -6.2

WHZ Wether Hill Ro 11.09 36 ePN Pn 18 04 42.7 -1.0 DCZ Deep Cove 11.20 32 ePN Pn 18 04 46.6 +1.3

TU Tuapeka 11.63 41 ePN Pn 18 06 50.5 0.0 TLZ Maivora Lakes 11.64 35 ePN Pn 18 04 50.4 -0.7

MSZ Milford Sound 12.17 33 ePN Pn 18 05 01.1 +2.6 WKZ Wanaka 12.38 36 ePN Pn 18 05 02.4 +1.1

ODZ Otahua Downs 12.78 41 ePN Pn 18 05 06.1 -0.7 ODZ Otahua Downs 12.78 41 ePN Pn 18 05 06.8 0.0

DDA 12 18:06:14.4, 36:98N:27:66E, h7km, 6km, MD2.7

ISCJB 12 18:06:16.4 0.6, 37:09N:0.04:27:58E:0.04, h10km, Error ellipse: s-maj=6.1km s-min=4.7km az=154.6

CSEM 12 18:06:16.3 0.2, 37:06N:27:61E, h0km, 1km, MD2.7, Error ellipse: s-maj=4.8km s-min=1.8km az=148.0

ISC 12 18:06:16.2, 37:14N:27:54E, h12km, MD2.7

ISC 12 18:06:16.9 0.6, 37:09N:0.04:27:56E:0.04, h10km, n18, c06/22/7, Turkey

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC BDRM Kayabasi 0.10 258 I Op Pn 18 06 19.0 -0.5

BDRM Kayabasi 0.10 258 I S Pn 18 06 20.4 -0.8 BDRM Kayabasi 0.10 258 I S Pn 18 06 20.5 -0.8

BODT Bodrum 0.20 263 ePg Pn 18 06 20.9 -0.3 BODT Bodrum 0.20 263 ePg Pn 18 06 24.4 +0.3

BODT Bodrum 0.20 263 ePg Pn 18 06 20.9 -0.3 BODT Bodrum 0.20 263 ePg Pn 18 06 24.4 +0.4

MLSB Milas 0.27 39 ePg Pn 18 06 21.7 -0.7 MLSB Milas 0.27 39 ePg Pn 18 06 21.7 -0.7

CTA Charters Tower 19.00 240 Pn 18 24 13.3 +1.9

CTA Charters Tower 19.00 240 Pn 18 24 13.3 +1.9

CTAO Charters Tower 19.00 240 eP Pn 18 24 10.2 -1.2

STKA Stephens Creek 29.00 221 P Pn 18 25 48.8 +0.5

WRAB Tennant Creek 29.54 249 eP Pn 18 25 52.5 -0.2

WRA Warramunga Arr 29.55 249 P Pn 18 25 53.3 +0.5

ASAR Alice Springs 30.96 242 P Pn 18 26 05.2 0.0

FITZ Fitzroy Crossi 37.39 255 P Pn 18 27 00.8 -0.2

NVAB Narran Array Be 87.60 50 P Pn 18 32 36.1 +0.5

IDC 12 18:21:50.5 0.6, 2.0:10S:168:99E, h0km, mb4.8/16, mb1.5/0/16, mb1mx5.0/19, mbtmp4.9/16, MS4.4/12

ISCJB 12 18:21:51.7, 1.7, 20:21S:0.04:168:90E:0.04, h19km, 12km, mb5.0/76, MS4.5/37, Error ellipse: s-maj=7.7km s-min=4.5km az=145.9

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC GLHS Gllhisar (BURDU) 0.27 50 Op Pn 18 07 04.0 +1.0

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC PLUM Mont Dore 2.95 226 eP Pn 18 22 36.2 -1.3

ISC 12 18:17:00.7, 36:95N:29:23E, h5km, MD3.2

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC PPT Papeete 38.29 93 eS S 18 35 22.8 +2.3

12d 19h

Table with columns for call sign, name, frequency, mode, and coordinates. Includes stations like GKN Gorkha, G13A Big Creek, NEW Newport, etc.

2008 APR

Table with columns for call sign, name, frequency, mode, and coordinates. Includes stations like NRD/PRU Niederrach, PRU Prunichone, CLZ Clausthal, etc.

560

Table with columns for call sign, name, frequency, mode, and coordinates. Includes stations like SNTG Esanatoglia, CSA1 St Austell, NRCA Norcia, etc.

NEIC 12 18:26:51.6;1.3,33:035x178:34W,h35km,mb4.4/2, Error ellipse: s-maj=26.9km s-min=12.1km az=98.0

ISC 12 18:26:53.6;9.0,32:985x178:62W,h41km,78km,mb4.0/3, mb1 4.2/4, mb1mx3.8/16, mbmtpr4.1/4, ML4.2/1, Error ellipse: s-maj=57.4km s-min=42.1km az=23.0

ISC 12 18:26:52.3;1.9,33:25:0x178:1W;0.3, h67km,21km,n30, I1802:30,mb4.2/4,South of Kermadec Islands

Table with columns for Code, Station Name, A, Z, P, Op, I, h, m, s, ISC, Time, Res. Includes stations like MXZ Matakaoa Point, MXZ Matakaoa Point, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like SGKT Sivrigoyunuk, MDU Mudurnu, HENT Hendek, etc.

Table with columns: ODB, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like ODB Odobesti, ISR Istrita, VOIR Voiron, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like MKAR Makanchi Array, MJAR Matsushiro Arr, SONM Songoing Array, etc.

CSEM 12 19:07:10.0, 45.61N-26.50E, h150km, MD3.6/3, After BUC

NEIC 12 19:07:11.1, 45.62N-26.52E, h139km, MG2.7(BUC), After BUC

BUC 12 19:07:10.0, 45.56N-26.50E, h150km, 1.0km, MD3.6/3, 29C-ID, Error ellipse: s-maj=12.3km s-min=8.7km az=25.0, Romanian

ISCJJB 12 19:09:34.0, 0.6, 17.95S, 0.05, 69.59W, 0.06, h106km, 7km, mb4.0/18, Error ellipse: s-maj=10.3km s-min=8.2km az=166.6

NEIC 12 19:09:35.1, 0.9, 18.05S, 69.74W, h129km, 1.0km, mb4.0/9, Error ellipse: s-maj=14.4km s-min=9.3km az=76.0

ISC 12 19:09:36.6, 0.7, 17.92S, 69.50W, h135km, 5km, mb3.7/10, mb1.3, 8/14, mb1mx3.7/20, mbtmp3.7/14, Error ellipse: s-maj=18.7km s-min=13.7km az=49.0

GUC 12 19:09:37.0, 0.9, 18.32S, 69.65W, h148km, 6km, ML4.7, ISC 12 19:09:34.7, 0.7, 17.92S, 69.50W, 0.06, h118km, 8km, mb1.1, 18/30, 1.6km, pP, 1.46, 18/19/54, mb4.1/18, 1C-2D, Peru-Bolivia border region

IDC 12 19:13:10.1, 1.6, 27.64N, 86.72E, h0km, mb3.7/5, mb1.3, 8/6, mb1mx3.5/21, mbtmp3.6/6, ML3.7/1, Error ellipse: s-maj=60.3km s-min=21.6km az=67.0

NEIC 12 19:13:11.8, 0.8, 27.68N, 86.83E, h10km, mb3.4/1, Error ellipse: s-maj=17.5km s-min=10.2km az=220.0

ISC 12 19:13:10.7, 4.8, 27.7N, 0.1, 86.9E, 0.1, h1km, 31km, n13, 0.92/14, mb3.7/6, Nepal

NEIC 12 19:13:42.3, 2.4, 22.82N, 143.34E, h59km, 20km, mb4.8/5, Error ellipse: s-maj=16.2km s-min=12.0km az=154.0

ISCJJB 12 19:13:45.0, 2.9, 22.9N, 0.1, 143.3E, 0.1, h97km, 23km, mb3.9/10, Error ellipse: s-maj=23.2km s-min=19.0km az=145.5

IDC 12 19:13:46.3, 3.4, 22.86N, 143.25E, h93km, 28km, mb3.4/7, mb1.3, 9/9, mb1mx3.4/23, mbtmp3.6/9, MS2.9/1, Ms1.2, 9/1, mb1mx2.4/16, Error ellipse: s-maj=27.5km s-min=20.3km az=107.0

ISC 12 19:13:46.3, 7.2, 22.9N, 0.1, 143.3E, 0.1, h94km, 21km, n20, 0.190/21, mb3.9/10, Volcano Islands region

GUC 12 19:15:55.7, 0.8, 23.73S, 67.42W, h241km, 10km, ML4.3, 4C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like CBIJ Chichi jima, MJAR Matsushiro Arr, MAJO Matsushiro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PSI Prapat, BSI Banda Aceh, KULM Kulim, etc.

Table with columns: SDV, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SDV comp=Z,290nm,19.0s, etc.

Table with columns: JAN, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAN Janina, ZKR Zakros, etc.

ISK 12:20:01:48.1,36.95N,29.24E,h5km,Md2.9
ISCJB 12:20:01:49.5,36.95N,0.03:29.27E,0.04,h10km,Error
ellip: s-maj=4.8km s-min=3.9km az=33.7

SDV comp=Z,290nm,19.0s, etc.
SDV Santo Domingo 5.95 69 ePn Pn
SDV SSV eSn S Sn

JAN Janina 3.38 345 P Pn
ZKR Zakros 3.67 109 ePn Pn
ZKR Zakros 3.67 109 ePn Pn

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GLHS Gihisar, FETH Fethiye, TURN Turunc, etc.

Table with columns: SDV, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SDV comp=Z,290nm,19.0s, etc.

Table with columns: JAN, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAN Janina, ZKR Zakros, etc.

DDA 12:20:08:32.4,37.02N,27.63E,h7km,6km,Md2.9
ISK 12:20:08:33.8,37.12N,27.55E,h12km,Md2.7
ISCJB 12:20:08:34.1,37.10N,27.57E,0.05,h11km,5km,

SDV comp=Z,290nm,19.0s, etc.
SDV Santo Domingo 5.95 69 ePn Pn
SDV SSV eSn S Sn

JAN Janina 3.38 345 P Pn
ZKR Zakros 3.67 109 ePn Pn
ZKR Zakros 3.67 109 ePn Pn

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BDRM Kayabasi, BDRM Bodrum, BDRM Milas, etc.

Table with columns: SDV, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SDV comp=Z,290nm,19.0s, etc.

Table with columns: JAN, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAN Janina, ZKR Zakros, etc.

NEIC 12:20:13:24.6,1.1,6.63N,76.52W,h40km,13km,mb4.2/4,
Error ellipse: s-maj=14.8km s-min=10.2km az=69.0

SDV comp=Z,290nm,19.0s, etc.
SDV Santo Domingo 5.95 69 ePn Pn
SDV SSV eSn S Sn

JAN Janina 3.38 345 P Pn
ZKR Zakros 3.67 109 ePn Pn
ZKR Zakros 3.67 109 ePn Pn

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ROSC El Rosal, ROSC G?zelcaml?, etc.

Table with columns: SDV, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SDV comp=Z,290nm,19.0s, etc.

Table with columns: JAN, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAN Janina, ZKR Zakros, etc.

ISCJB 12:20:26:08.4,0.4,24.62N,0.03:121.95E,0.02,h73km,4km,
Error ellipse: s-maj=5.3km s-min=2.9km az=157.8

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

MEX 1222:40:43.0, 9, 16:57N:99:04W, h16km, 25km, MD3.5, Near coast of Guerrero

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

ISCJB 12:23:19:21.6:0.4, 67.80N:02:20:15E:0.07, h0km, Error ellipse: s-maj=4.0km s-min=3.1km az=31.8

CSEM 12:23:19:22.9:0.2, 67.83N:20:22E, h2km, ML2.1, Error ellipse: s-maj=5.8km s-min=4.2km az=121.0, Mining explosion.

NAO 12:23:19:23.4:1.2, 67.77N:20:42E, ML2.5 UPP 12:23:19:23.0, 67.83N:20:22E, h0km, ML2.6, Mining explosion.

HEL 12:23:19:23.8:0.1, 67.84N:20:27E, h0km, ML2.1, ML2.6(UPP), ML2.3(BER), Explosion

IDC 12:23:19:24.3:1.0, 67.85N:20:68E, h0km, mb1 3.1/4, mb1mx2.9/23, mbtmp3.1/4, ML2.8/4, Error ellipse: s-maj=16.9km s-min=6.3km az=122.0

BER 12:23:19:24.4:4.9, 67.89N:20:19E, h0km, ML2.3, ML2.5(NAO), Suspected explosion

ISC 12:23:19:22.8:0.3, 67.82N:02:20:27E:0.06, h0km, n65, r11/08, Sweden

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like KUA Kuravaara, LANU Lannavaara, LANU Lannavaara, etc.

KIF Kijpsjarvi 1.21 9 ePb Sg 23 20 03.2 +0.5

KIF Kijpsjarvi 1.21 9 Pg Sg 23 20 06.1 +0.1

KIF Kijpsjarvi 1.36 125 eP Sg 23 20 03.2 +0.5

PAJU Pajala 1.36 125 P Sg 23 20 48.4 -0.4

HEF Hetta 1.40 63 eP Sg 23 20 07.7 -0.1

HEF Hetta 1.40 63 Pg Sg 23 20 12.9

HEF Hetta 1.40 63 P Sg 23 20 07.7 -0.1

ERTU Ertsojaev 1.47 149 eP Pn 23 20 50.3 -0.3

KTK1 Kautokeino 1.62 41 eP Pn 23 19 52.1 -0.5

KTK1 Kautokeino 1.62 41 eP Pn 23 19 52.8 +0.1

KTK1 Kautokeino 1.62 41 eP Pn 23 19 52.8 +0.1

TRO Tromso 1.89 346 eP Sg 23 20 53.8 -2.5

TRO Tromso 1.89 346 eSg Sg 23 20 19.3 -4.1

STEI Steigen 1.91 276 eP Sg 23 20 57.5 +0.9

KALU Kalix 2.31 147 eP Pn 23 20 03.7 +1.6

SJUJ Sjuksmark 2.38 167 eP Pn 23 20 04.4 +1.3

SGF Sodankyl 2.42 96 eP Pn 23 20 05.1 +1.5

SGF Sodankyl 2.42 96 Pn Pn 23 20 05.1 +1.5

RNF Rovaniemi 2.54 116 ePb Sg 23 20 07.5 -1.8

RNF Rovaniemi 2.54 116 Pn Sg 23 20 07.5 -1.8

ARA0 ARCESS Array S 2.58 46 Pn Sg 23 20 07.3 +1.6

ARA0 ARCESS Array S 2.58 46 eP Pn 23 20 07.0 +1.3

ARA0 ARCESS Array S 2.58 46 eSb Sg 23 20 39.9 -2.1

ARA0 ARCESS Array S 2.58 46 Pn Pn 23 20 07.0 +1.3

ARCES ARCESS Array B 2.58 46 eP Pn 23 20 07.3 +1.6

MOR8 Mol Rana 2.83 237 eSg Sg 23 20 47.0 -6.5

KONS Konsvik 3.09 248 AML AML 23 21 05.2

KEV Kevo 3.13 48 eP Sg 23 20 14.4 +1.2

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like MSF Maaselka, NSS Namsos, APAA Apatity Array, etc.

FINES FINESS Array B 6.87 156 Pn Sg 23 21 05.9 +1.3

FINES FINESS Array S 6.87 156 Pn Sg 23 21 05.7 +1.1

FINES FINESS Array S 6.87 156 Pn Sg 23 21 05.7 +1.1

FINES FINESS Array B 6.87 156 Pn Sg 23 21 05.9 +1.3

NB2 NORSTAR Subarra 7.84 214 eP Sg 23 21 18.0 0.0

NB2 NORSTAR Subarra 7.84 214 eP Sg 23 21 18.0 0.0

NB2 NORSTAR Subarra 7.84 214 Pn Pn 23 21 18.0 0.0

NOA NORSTAR Array B 7.84 214 Pn Sg 23 21 18.5 +0.5

NOA NORSTAR Array B 7.84 214 Pn Sg 23 21 18.5 +0.5

HFS Hagfors 8.23 204 Pn Pn 23 21 21.6 -1.7

HFS Hagfors 8.23 204 Pn Pn 23 21 21.6 -1.7

HFS Hagfors 8.23 204 Pn Pn 23 21 21.6 -1.7

HFS Hagfors 8.23 204 Pn Pn 23 21 21.6 -1.7

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HFS Hagfors 8.23 204 Pn Pn 23 21 21.6 -1.7

HFS Hagfors 8.23 204 Pn Pn 23 21 21.6 -1.7

HFS Hagfors 8.23 204 Pn Pn 23 21 21.6 -1.7

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

DDA 13:00:27:05.9, 40:54N:34:78E, h5km, 5km, MD2.8

ISCJB 13:00:27:06.0:0.7, 40:61N:34:70E, h8km, MD2.8

CSEM 13:00:27:06.0:0.7, 40:61N:04:34:70E:0.07, h10km, 4km, Error ellipse: s-maj=9.8km s-min=5.5km az=32.2

ISC 13:00:27:06.0:0.7, 40:61N:34:73E, h10km, MD2.8, Error ellipse: s-maj=3.8km s-min=1.8km az=105.0

ISC 13:00:27:06.2:0.7, 40:61N:04:34:70E:0.08, h11km, 4km, n22, 08/66/33, Turkey

CTKT Corum 0.07 77 iP Sg 00 27 08.3 -0.2

CTKT Corum 0.07 77 iS Sg 00 27 10.2 0.0

CTKT Corum 0.07 77 iS Sg 00 27 08.3 -0.2

CORM Corum 0.43 187 eP Sg 00 27 14.6 0.0

CORM Corum 0.43 187 eSg Sg 00 27 14.6 0.0

CORM Corum 0.43 187 eP Sg 00 27 14.6 0.0

BYBT Boyabat 0.86 4 eP Sg 00 27 22.5 -0.3

CDAG Cicekdag 1.01 194 iP Sg 00 27 29.3 +0.5

CDAG Cicekdag 1.01 194 iS Sg 00 27 35.3 -0.4

YOZ Yozgat 1.08 153 eP Sg 00 27 26.6 -0.3

YOZ Yozgat 1.08 153 eP Sg 00 27 26.6 -0.3

DIKM Dikmen 1.13 22 eP Pn 00 27 27.5 -0.4

DIKM Dikmen 1.13 22 eP Pn 00 27 27.5 -0.4

KAMT Kaman 1.45 212 eP Pn 00 27 32.8 +0.5

KAMT Kaman 1.45 212 eP Pn 00 27 32.8 +0.5

ERBA Erbaa 1.57 87 eP Sg 00 27 55.6 +1.3

ERBA Erbaa 1.57 87 eP Sg 00 27 55.6 +1.3

ERBA Erbaa 1.57 87 eP Sg 00 27 55.6 +1.3

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ERBA Erbaa 1.57 87 eP Sg 00 27 55.6 +1.3

ERBA Erbaa 1.57 87 eP Sg 00 27 55.6 +1.3

ISK 13:00:27:36.4, 36:98N:29:22E, h5km, MD3.0

ISCJB 13:00:27:37.3:0.6, 36:97N:0:03:29:20E:0.03, h1km, 7km, Error ellipse: s-maj=5.7km s-min=4.6km az=163.3

CSEM 13:00:27:37.5:0.1, 36:96N:29:22E, h4km, 1km, MD3.0, Error ellipse: s-maj=2.2km s-min=1.9km az=168.0

DDA 13:00:27:37.9, 37:04N:29:26E, h7km, 7km, MD3.1

ISC 13:00:27:38.0:0.6, 36:96N:0:03:29:20E:0.03, h5km, 5km, n42, 08/68/57, Turkey

GLHS Gilhis (BURDU) 0.31 51 Op Sg 00 27 42.9 -0.9

GLHS Gilhis (BURDU) 0.31 51 eSg Sg 00 27 42.9 -0.9

GLHS Gilhis (BURDU) 0.31 51 iP Sg 00 27 42.9 -0.9

FETY Fethiye 0.34 196 eP Sg 00 27 44.1 -0.3

FETY Fethiye 0.34 196 eP Sg 00 27 44.1 -0.3

TURN Turunc 0.48 259 iP Sg 00 27 52.0 +4.9

TURN Turunc 0.48 259 iP Sg 00 27 52.0 +4.9

ELL Elmali 0.61 110 eP Sg 00 27 49.2 -0.3

ELL Elmali 0.61 110 eP Sg 00 27 49.2 -0.3

DNZL Cakiroluk 0.73 351 iP Sg 00 27 50.5 -1.4

DNZL Cakiroluk 0.73 351 iP Sg 00 27 50.5 -1.4

DNZL Cakiroluk 0.73 351 iP Sg 00 27 50.5 -1.4

YER Yerkisik 0.75 283 eP Sg 00 27 52.1 -0.1

YER Yerkisik 0.75 283 eP Sg 00 27 52.1 -0.1

AKAS Kas 0.80 156 iP Sg 00 27 53.2 +0.1

AKAS Kas 0.80 156 iP Sg 00 27 53.2 +0.1

KORT Korkuelli 0.92 87 iP Sg 00 27 55.1 -0.4

KORT Korkuelli 0.92 87 iP Sg 00 27 55.1 -0.4

MLSB Milas 1.18 287 eP Sg 00 28 00.3 -0.7

MLSB Milas 1.18 287 eP Sg 00 28 00.3 -0.7

BCK Bucak 1.22 66 eP Pn 00 28 00.6 -0.9

BCK Bucak 1.22 66 eP Pn 00 28 00.6 -0.9

AYDN Tasoluk 1.26 304 iP Sg 00 28 01.9 -0.0

AYDN Tasoluk 1.26 304 iP Sg 00 28 01.9 -0.0

AYDN Tasoluk 1.26 304 iP Sg 00 28 01.9 -0.0

NIED 13:00:35:00, 24:30N:125:30E, h35km, Mw4.3 Best double couple: M3.2/1000:1019:1114:5:00000:874:200000:1.78.00000: NPF2:82.00000:820.00000:1.126.00000:

BUI 13:00:35:30.4, 23:67N:125:69E, h10km, mb4.2/9, mb4.3/10, Ms3.8/4, Ms7.3/4

IDC 13:00:35:36.9:0.8, 24:34N:125:09E, h0km, mb4.0/17, mb1 4.1/20, mb1mx3.9/20, mbtmp3.9/20, ML3.2/3, MS3.4/14, Ms1 3.5/14, ms1mx3.2/30, Error ellipse: s-maj=22.1km s-min=17.8km az=72.0

ISCJB 13:00:35:40.9:0.7, 24:30N:0:06:125:30E:0.04, h43km, 4km, mb4.3/34, MS3.5/11, Error ellipse: s-maj=10.8km s-min=4.5km az=152.5

JMA 13:00:35:41.1:0.2, 24:27N:125:25E, h34km, M4.2

NEIC 13:00:35:42.4:0.8, 24:33N:125:24E, h38km, 6km, mb4.5/7, MW4.3(NIED), Error ellipse: s-maj=11.5km s-min=6.8km az=156.0

ISC 13:00:35:42.0:1.0, 24:33N:0:06:125:28E:0.04, h35km, 6km, h32km, 3.2km, P-P, n71, c1927:15, mb4.3/34, MS3.5/11, Southwestern Ryukyu Islands

Code Station Name Az Az' Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like JCGS Gusukube, JMS Miyako jima 2, etc.

IDC 12:23:35:20.5:1.3, 35:01N:81:05E, h0km, mb3.8/5, mb1 3.7/10, mb1mx3.6/26, mbtmp3.6/10, ML3.3/4, MS2.7/2, Ms1 2.7/2, ms1mx2.3/37, Error ellipse: s-maj=31.0km s-min=20.1km az=97.0

BUI 12:23:35:26.3, 35:36N:81:26E, h10km, ML3.6/5

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Tarama, Ishigaki jima, Kuro-shima, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, and other technical details. Includes stations like G7zelmcam!, G7zelmcam!, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like GCAM, ALT, ALTintas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JYT, JRY, JYD, Aida, MJAR, MAJ, MAT, etc.

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

ISCJJB 13 02:06:14.3, 0.5, 55:49S; 0.06:159:0E:0.1, h10km, mb4.5/18, MS3.9/4, Error ellipse: s-maj=10.8km

IDC 13 02:06:14.2, 0.5, 55:61S; 158:57E, h0km, mb4.4/9, mb1.4 6/10, mb1mx4.5/14, mbmp4.5/10, ML4.6.1, MS3.9/5, MS1.3/9.5, ms1mx3.7/13, Error ellipse: s-maj=23.0km, s-min=17.9km, az=67.0

NEIC 13 02:06:15.4, 0.2, 55:58S; 158:83E, h10km, mb4.5/7, Error ellipse: s-maj=7.9km, s-min=4.5km, az=130.0

ISC 13 02:06:16.3, 0.5, 55:52S; 0.06:158:9E:0.1, h10km, m104, c086/55, mb4.5/18, MS3.9/4, 5C-10, Macquarie Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like APZ, The Paps, APZ, Puysegur Point, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MJAR, NVAR, TXR, MNTX, MKR1, etc.

NEIC 13 02:10:28.1, 52:17N; 106:96W, h1km, ML3.3(PGC), After PGC

IDC 13 02:10:28.9, 0.5, 52:06N; 106:94W, h0km, mb2.9/3, mb1.3 4/6, mb1mx3.2/28, mbmp3.1/6, ML3.6/2, Error ellipse: s-maj=14.1km, s-min=9.4km, az=63.0

PGC 13 02:10:28.1, 52:17N; 106:96W, h1km, ML3.3/2, 7C-23D, Saskatchewan

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

ISCJJB 13 01:57:45.9, 0.6, 36:96N; 0.03:29:23E:0.05, h2km, gkm, Error ellipse: s-maj=7.5km, s-min=4.9km, az=26.6

CSEM 13 01:57:45.7, 0.2, 36:95N; 29:24E, h8km, MD2.8, Error

13d 2h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MSO Missoula, SLEB Sale Mountain, MNB Mounoet Dainar, etc.

ISCJB 13 02:21:17.0.0.7, 29.50N, 104.130.60E, 0.9, h53km, 5km, mb3.9/18, MS3.4/3, Error ellipse: s-maj=13.5km s-min=5.5km az=19.5

JMA 13 02:21:16.5.0.1, 29.51N, 130.65E, h4km, 5km, M3.4, Error ellipse: s-maj=21.9km s-min=11.7km az=48.0

ISC 13 02:21:17.6.0.7, 29.49N, 104.130.64E, 0.08, h44km, 6km, n39, c086/42, mb3.9/18, MS3.4/3, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JNN Nakanoshima, JIN Kuchinoerabu, JKC Kuchinoerabu, etc.

208 APR

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

NEIC 13 02:27:22.8, 15.77N, 61.49W, h183km, mb3.7/3, MD3.5(TRN), After TRN. TRN 13 02:27:22.9, 15.74N, 61.53W, h181km, MD3.5, M3.2(FDF)

ISC 13 02:27:23.0, 15.67N, 61.66W, 0.07, h180km, 2km, mb3.6/13, Error ellipse: s-maj=12.0km s-min=3.7km az=155.6

ISC 13 02:27:23.8, 0.5, 15.64N, 61.67W, h166km, 5km, mb3.4/12, mb1.3/6/13, mb1mx3.4/25, mbtmp3.4/13, Error ellipse: s-maj=17.7km s-min=7.0km az=73.0

ISC 13 02:27:24.6, 0.3, 15.67N, 61.67W, 0.07, h175km, 2km, n63, c069/89, mb3.6/13, 9C-6D, Leeward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TBC Guadalupe-3, HMG Haitiomat, PHG Guadalupe-2, etc.

568

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like INK Inuvik, BRTR Keskin Array B, etc.

ISCJB 13 02:34:44.3, 1.6, 21.51N, 101.143.3E, 0.3, h302km, 15km, mb3.4/10, Error ellipse: s-maj=37.9km s-min=15.7km az=177.6

NEIC 13 02:34:44.9, 3.3, 21.54N, 143.24E, h293km, 32km, mb3.4/1, Error ellipse: s-maj=24.1km s-min=10.9km az=86.0

ISC 13 02:34:45.0, 1.6, 21.54N, 101.143.3E, 0.3, h295km, 15km, n16, c092/15, mb3.4/10, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CBJJ Chichi jima, CBJJ Matsuhiro Arr, MJAR Songoi Array, etc.

ISCJB 13 02:38:08.8, 0.6, 38.68N, 0.4, 30.82E, 0.04, h10km, Error ellipse: s-maj=6.8km s-min=4.1km az=162.0

ISC 13 02:38:08.9, 38.71N, 30.80E, h7km, 3km, MD2.9, Error ellipse: s-maj=1.7km s-min=1.2km az=158.0

ISC 13 02:38:09.5, 0.6, 38.72N, 0.06, 30.81E, 0.04, h8km, 16km, n18, c083/26, Turkey

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

ISCJB 13 02:42:22.1, 1.4, 45.05S, 0.03, 166.97E, 0.04, h10km, 7km, mb4.3/15, MS4.0/9, Error ellipse: s-maj=5.2km s-min=4.1km az=32.0

NEIC 13 02:42:29.4, 45.18S, 166.76E, h12km, mb4.5/8, ML5.3(WEL), After WEL. Error ellipse: s-maj=3.4km s-min=1.5km az=90.0

ISC 13 02:42:33.0, 0.4, 45.15S, 166.97E, 0.04, h7km, 5km, n149, c095/126, mb4.3/15, MS4.0/9, 3C-1D, Off west coast of South Island

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

Table with columns: SYZ, Scrubby Hill, 2.08 134, P, Pn, 02 43 18.1 -0.5, etc. Includes various station names like Lake Benmore, Otahua Downs, Highcliff Hill, Rata Peaks, Waitaha Valley, etc.

Table with columns: CASY, Casey, 36.48 215, eP, P, 02 49 48.4 -0.2, etc. Includes various station names like Warramunga Arr, Warramunga Arr, Fitzroy Crossi, etc.

Table with columns: TAP1, bazz=327, eS, Sb, 02 44 48.3 -0.1, etc. Includes various station names like Hungye, Nanning, Chenuha, etc.

ISCJB 13 02:44:17.3:0.5,24:26N:0.0:02:122:16E:0.02, h11km3km, Error ellipse: s-maj=3.0km s-min=2.6km az=154.8

TAP 13 02:44:18.1:24:30N:122:16E:h25km ML3.7, JMA 13 02:44:18.2:0.2,24:28N:122:18E,h46km5km, M2.8

ISC 13 02:44:17.9:0.4,24:28N:0:02:122:15E:0.02, h15km2km, n52, e057792, 4C-3D, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations like Nanau, Ena, TWC, TWC, TWC, etc.

DDA 13 02:49:08.5,40:57N:34:78E, h13km, 1km, Md3.7, ISK 13 02:49:08.1,40:61N:34:79E, h5km, MD3.4

ISCJB 13 02:49:09.4:0.3,40:64N:0:02:34:76E:0.02, h10km, Error ellipse: s-maj=3.3km s-min=2.6km az=8.6

CSEM 13 02:49:09.2:0.2,40:63N:34:78E, h0km2km, MD3.7, Error ellipse: s-maj=3.3km s-min=2.6km az=16.0

ISC 13 02:49:10.2:0.3,40:64N:0:02:34:77E:0.02, h10km, n102, e1504/126, 2C-5D, Turkey

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

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like KBS, Kingsbay, BJO, ARAO, KEV, etc.

ISK 13 03:54:51.9, 35.74N-27.51E, h17km, MD3.7
CSEM 13 03:54:53.7, 0.1, 35.83N-27.53E, h10km, MD3.6, Error
ellipse: s-maj=3.6km s-min=2.5km az=150.0

ATH 13 03:54:53.3, 35.84N-27.53E, h25km, MD3.6.8

ISCJB 13 03:54:54.0, 0.6, 35.82N-27.52E, h20km, MD3.6

DDA 13 03:54:54.9, 0.6, 35.85N-27.52E, h4km, MD3.6

ISC 13 03:54:54.0, 0.6, 35.85N-27.52E, h14km, 4km, n93, c081/123, Dodecanese Islands

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations and their coordinates.

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like HDMB, KONT, LADK, etc.

ISCJB 13 04:11:24.8, 0.4, 37.75N-10.04, 127.37W, 0.09, h10km, mb3.5/11, Error ellipse: s-maj=9.4km s-min=6.0km az=167.6

IDC 13 04:11:24.5, 1.5, 43.66N-127.15W, h0km, mb3.5/6, mb1.3/7.9, mb1mx2.5/27, mbtmp3.4/9, ML3.5/3, MS3.3/2, Ms1.3/3.2, ms1mx2.7/24, Error ellipse: s-maj=35.7km s-min=16.5km az=59.0

NEIC 13 04:11:26.2, 0.8, 43.70N-127.44W, h10km, mb3.6/11, Error ellipse: s-maj=10.8km s-min=6.4km az=69.0

ISC 13 04:11:26.0, 0.8, 43.72N-127.50W, h10km, n52, c099/53, mb3.5/11, Off coast of Oregon

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

ISC 13 04:24:07.2, 36.98N-29.20E, h5km, ML3.7

NEIC 13 04:24:08.0, 36.98N-29.19E, h5km, mb3.9/4, ML3.6/(ISK), After ISK

DDA 13 04:24:08.0, 0.1, 36.90N-29.20E, h0km, mb3.7/7, mb1.3/9/14, mb1mx3.8/28, mbtmp3.8/14, ML3.7/6, MS2.8/9, Ms1.2/8/9, ms1mx2.7/30, Error ellipse: s-maj=19.5km s-min=15.3km az=17.0

ISCJB 13 04:24:08.0, 0.5, 36.97N-0.02, 29.21E, 0.02, h5km, 3km, mb3.6/9, MS2.8/3, Error ellipse: s-maj=2.9km s-min=2.2km az=171.0

CSEM 13 04:24:09.1, 0.1, 37.00N-29.19E, h2km, ML3.7, Error ellipse: s-maj=2.9km s-min=2.3km az=171.0

ATH 13 04:24:09.4, 36.96N-29.47E, h63km, 21km

ISC 13 04:24:09.0, 0.4, 36.98N-0.02, 29.19E, 0.02, h1km, 3km, n186, c190/229, mb3.7/9, MS2.8/3, 4D, Turkey

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations and their coordinates.

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like TURN, TURUNC, DALYAN, etc.

ISC 13 04:24:07.2, 36.98N-29.20E, h5km, ML3.7

NEIC 13 04:24:08.0, 36.98N-29.19E, h5km, mb3.9/4, ML3.6/(ISK), After ISK

DDA 13 04:24:08.0, 0.1, 36.90N-29.20E, h0km, mb3.7/7, mb1.3/9/14, mb1mx3.8/28, mbtmp3.8/14, ML3.7/6, MS2.8/9, Ms1.2/8/9, ms1mx2.7/30, Error ellipse: s-maj=19.5km s-min=15.3km az=17.0

ISCJB 13 04:24:08.0, 0.5, 36.97N-0.02, 29.21E, 0.02, h5km, 3km, mb3.6/9, MS2.8/3, Error ellipse: s-maj=2.9km s-min=2.2km az=171.0

CSEM 13 04:24:09.1, 0.1, 37.00N-29.19E, h2km, ML3.7, Error ellipse: s-maj=2.9km s-min=2.3km az=171.0

ATH 13 04:24:09.4, 36.96N-29.47E, h63km, 21km

ISC 13 04:24:09.0, 0.4, 36.98N-0.02, 29.19E, 0.02, h1km, 3km, n186, c190/229, mb3.7/9, MS2.8/3, 4D, Turkey

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations and their coordinates.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SBLs San Blas, RTR El Retiro, SNJE San Jose, etc.

ISC/JB 13 06:45:29.8,0.5,43.43N,0.06:145.04E,0.07, h138km,3km,mb3.5/8, Error ellipse: s-maj=10.2km s-min=8.4km az=150.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JNK Nakash, JAK Akkeshi, JAR Rausu, etc.

ISC 13 06:45:31.6,0.5,43.43N,0.06:145.04E,0.07, h134km,3km, n27,0.65/38,mb3.5/8,Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JNK Nakash, JAK Akkeshi, JAR Rausu, etc.

ISC/JB 13 06:55:43.1,0.5,38.13N,0.03:23.56E,0.04, h11km,4km, Error ellipse: s-maj=3.8km s-min=2.8km az=53.0

THE 13 06:55:43.4,38.13N,23.56E,h3km,16km,ML2.9/3, Error ellipse: s-maj=16.4km s-min=0.5km az=139.0

CSEM 13 07:07:03.4,0.1,38.14N,23.57E,h2km,ML2.2, Error ellipse: s-maj=4.7km s-min=0.5km az=101.0

ATH 13 07:07:04.2,38.09N,23.55E,h14km,3km,MD2.6/9,ML2.2

ISC 13 06:55:43.3,0.5,38.13N,0.03:23.57E,0.04,h15km,5km, n30,0.65/50,9C, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ATH Athens Observa, ATH Athens Observa, ATH Athens Univers, etc.

ISC/JB 13 07:07:03.4,0.5,38.13N,0.03:23.55E,0.05,h12km,5km, Error ellipse: s-maj=7.6km s-min=4.5km az=140.2

CSEM 13 07:07:03.1,0.2,38.14N,23.60E,h2km,ML1.6, Error ellipse: s-maj=4.2km s-min=2.6km az=47.0

THE 13 07:07:03.4,38.14N,23.57E,h2km,ML2.4/3, Error ellipse: s-maj=4.7km s-min=0.5km az=101.0

ATH 13 07:07:04.2,38.09N,23.55E,h14km,3km,MD2.6/9,ML2.2

ISC 13 07:07:03.3,0.6,38.14N,0.03:23.59E,0.06,h19km,7km, n22,0.69/42/41, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ATH Athens Observa, ATH Athens Observa, ATH Athens Univers, etc.

ISC 13 07:15:19.2,2.0,54.18N,86.07E,h0km,mb1.3/9.3, mb1mx3.3/26,mbmp3.9/3,ML3.9/3, Error ellipse: s-maj=16.6km s-min=11.3km az=51.0

NNC 13 07:15:20.1,6.7,53.95N,86.31E,h0km,mb3.6,mpv3.2, Error ellipse: s-maj=51.4km s-min=40.1km az=13.0

ISC 13 07:15:21.5,2.2,54.28N,0.10:86.36E,0.2,h35km,n7, o64/143, 8C-1D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURK Kurchatov, etc.

ISK 13 07:20:18.1,36.97N,29.21E,h5km,MD3.1

ISC/JB 13 07:20:19.1,0.6,36.96N,0.03:29.19E,0.03,h11km,6km, Error ellipse: s-maj=5.6km s-min=4.4km az=165.1

CSEM 13 07:20:19.5,0.1,36.97N,29.21E,h5km,MD3.1, Error ellipse: s-maj=1.9km s-min=1.8km az=40.0

DDA 13 07:20:19.7,36.98N,29.17E,h7km,5km,MD3.1

ISC 13 07:20:19.6,0.5,36.95N,0.03:29.20E,0.03,h7km,5km, n48,0.67/36/0, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GLHS Gilhisar (BURDU), GLHS Gilhisar (BURDU), FETH Fethye, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KHAL Karahalli, KHAL Karahalli, BODT Bodrum, etc.

NIED 13 07:21:00.29:60N,130.10E,h8km,MW4.8 Best double couple: M1,67000,1016 NP1,312.00000; 848,00000, 1-83.00000; NP2,122.00000; 642,00000, 1-98.00000;

BUI 13 07:21:58.1,29:56N,130.04E,h16km,mb4.9/37,mb4.6/45, ML4.0/1,Ms4.6/48,Ms7.4/43

GCMT 13 07:21:58.5,0.3,29:54N,130.05E,h16km,1km,MW4.9/63, Moment Tensor Solution, s22,c26; s63,c91; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=2.22,16;

Mw 1.90z,11; Mw0.32e,10; Mw0.56z,27; Mw0.90z,06; Mw0.55z,33; Best double couple: M1,239600,1016 NP1,287.00000; 836,00000; 1-101.00000; NP2: 121.00000; 854,00000; 1-82.00000; Principal axes: T 2.4250, P1g,0000; Azm205.0000; N -0.0560, P1g7.0000; Azm296.0000; P -2.3680, P1g7.0000; Azm62.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

MOS 13 07:21:58.5,1.0,29:60N,130.06E,h28km,mb4.9/39, MS4.2/16 Error ellipse: s-maj=10.5km s-min=6.1km az=96.6

ISC/JB 13 07:21:58.5,0.6,29:58N,0.02:130.07E,0.02,h24km,3km, mb4.8/101,MS4.2/21, Error ellipse: s-maj=3.9km s-min=2.6km az=43.8

NEIC 13 07:21:58.5,0.2,29:61N,130.00E,mb4.9/61, MW4.8(NIED), Error ellipse: s-maj=5.3km s-min=4.0km az=133.0

NEIC Recorded [3 JMA] on Kuchino-shima, [2 JMA] on Nakano-shima and [1 JMA] on Amami-oshima, Tanega-shima and Yaku-shima. Also recorded [1 JMA] in Kagoshima, Kyushu.

JMA 13 07:21:58.9,0.2,29:59N,130.13E,h26km,3km, M4.8 JMA Felt III J1

ISC 13 07:22:00.6,3.8,29:64N,129:96E,h33km,28km,mb4.3/22, mb1.4/526,mb1mx4.4/30,mbtmp4.4/26,ML4.4/4,MS4.0/14, Ms1.4/014,ms1mx3.7/27, Error ellipse: s-maj=14.8km s-min=12.2km az=92.0

SZGRF 13 07:22:01.5,29:99N,130:22E,h33km,mb5.1,MS4.5, Ryukyu Islands, Japan

DJA 13 07:22:01.29:62N,130:23E,h33km,mb5.0/15

ISC 13 07:21:59.9,0.6,29:59N,0.02:130.10E,0.02,h23km,4km, h16km,9km;pp-P, n438,0.685/443,mb4.8/101,MS4.2/21, 92C-93D, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JNN Nakanoshima, JKC Kuchinoerabu, JAM Amami Oshima, etc.

ISC/JB 13 07:22:01.1,11.6,36.97N,29.21E,h5km,MD3.1

ISC/JB 13 07:22:01.1,11.6,36.96N,0.03:29.19E,0.03,h11km,6km, Error ellipse: s-maj=5.6km s-min=4.4km az=165.1

CSEM 13 07:22:01.5,0.1,36.97N,29.21E,h5km,MD3.1, Error ellipse: s-maj=1.9km s-min=1.8km az=40.0

DDA 13 07:22:01.7,36.98N,29.17E,h7km,5km,MD3.1

ISC 13 07:22:01.6,0.5,36.95N,0.03:29.20E,0.03,h7km,5km, n48,0.67/36/0, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KHAL Karahalli, KHAL Karahalli, BODT Bodrum, etc.

SCO	Scoresbysund	78.22	351	iP	P	07 33 56.2	-0.9
SCO	comp=Z,2.0nm,1.1s,mb4.0						
SCO	Scoresbysund	78.22	351	iP	P	07 33 56.2	-0.9
DRGR	79.74	318	||P	P	07 34 07.0	+1.1	
DRGR	79.74	318	||P	P	07 34 06.9	+1.0	
D05A	Enumclaw	79.83	41	||P	P	07 34 05.6	-0.7
F04A	baz=80	80.25	42	||P	P	07 34 08.4	-0.2
F04A	Amboy	80.25	42	||P	P	07 34 08.4	-0.2
ETW	Entiat	80.54	40	eP	P	07 34 10.5	+0.4
C07A	Waterville	80.64	40	||P	P	07 34 10.2	-0.6
B08A	Colville Reser	80.67	39	||P	P	07 34 09.8	-1.1
A09A	Danville	80.73	38	||P	P	07 34 10.0	-1.1
E06A	Yakima	80.76	41	||P	P	07 34 11.5	+0.1
EDM	Edmonton	80.88	33	eP	P	07 34 12.4	+0.5
MORC	Moravsky Berou	80.94	323	||iP	P	07 34 12.9	+0.6
KSP	Ksiaz	80.96	324	eP	P	07 34 12.2	-0.2
D07A	Quincy	80.97	40	||P	P	07 34 12.6	+0.1
YVHS	Vyhne	80.98	321	eP	P	07 34 12.1	-0.4
YVHS	comp=Z,6.0nm,1.4s,mb4.3						
YVHS	Yyhne	80.98	321	eP	P	07 34 12.1	-0.4
B09A	Rice	81.29	39	||P	P	07 34 13.3	+0.9
E07A	Sunnyside	81.39	41	||P	P	07 34 13.8	-1.0
A11A	Hall Mountain,	81.94	38	||P	P	07 34 18.1	+0.5
NEW	Newport	81.94	38	eP	P	07 34 17.8	+0.2
NEW	comp=Z,9.0nm,1.1s						
NEW	Newport	81.94	38	eP	P	07 34 17.8	+0.2
BRG	Bergjesshubel	82.14	325	eP	P	07 34 19.6	+1.0
BRG	comp=N,514nm,19.3s						
BRG	comp=E,341nm,18.3s						
BRG	Bergjesshubel	82.14	325	eP	P	07 34 19.6	+1.0
BRG	comp=Z,3.0nm,1.1s,mb4.1						
BRG	comp=N,300nm,19.3s,MS4.8						
BRG	comp=E,204nm,18.3s,MS4.8						
BRG	comp=Z,247nm,14.5s,MS4.7						
B11A	Sandpoint	82.24	38	||P	P	07 34 17.6	-1.6
CLL	Colim	82.33	326	||iP	P	07 34 18.9	-0.7
CLL	comp=Z,25nm,1.8s,mb4.8						
CLL	Colim	82.33	326	eP	P	07 34 18.6	-1.0
CLL	comp=Z,26nm,1.8s,mb4.9						
CLL	Colim	82.33	326	||iP	P	07 34 18.9	-0.7
CLL	comp=Z,25nm,1.8s,mb4.8						
CLL	Colim	82.33	326	||iP	P	07 34 18.9	-0.7
CLL	comp=E,25nm,1.8s,mb4.8						
CLL	Colim	82.33	326	||iP	P	07 34 18.9	-0.7
CLL	comp=Z,26nm,1.8s,mb4.9						
PKSM	Moray	82.40	319	||iP	P	07 34 19.9	+0.1
K05A	Summer Lake	82.93	45	||P	P	07 34 23.0	+0.2
NRDL	Niedersach Rie	82.96	328	eP	P	07 34 22.2	-0.6
A13A	Flathead Natio	82.98	37	||P	P	07 34 21.3	-1.7
E10A	Myers Farm, Un	82.99	40	||P	P	07 34 21.9	-1.2
I07A	Izeze	83.00	43	||P	P	07 34 24.0	+0.8
D11A	Klaveano Farm,	83.08	39	||P	P	07 34 22.3	-1.3
TANN	Tannenbergshta	83.16	325	eP	P	07 34 23.4	+0.5
WALA	Waterton Lakes	83.16	37	eP	P	07 34 24.6	+0.6
F10A	Beach Ranch, E	83.22	40	||P	P	07 34 22.6	-1.7
H08A	Prairie City	83.24	42	||P	P	07 34 24.0	-0.4
CLB	Clausthal	83.26	327	eP	P	07 34 24.1	-0.3
CLZ	Clausthal	83.26	327	eP	P	07 34 24.1	-0.3
CLZ	comp=Z,23nm,1.3s,mb5.0						
CLZ	Clausthal	83.26	327	eP	P	07 34 24.1	-0.3
CLZ	comp=Z,23nm,1.3s,mb5.0						
B13A	Whitefish	83.29	37	||P	P	07 34 25.7	+1.0
G09A	Cove	83.32	41	||P	P	07 34 24.7	-0.1
MOX	Moxa	83.43	326	eP	P	07 34 24.7	-0.6
MOX	comp=Z,200nm,17.0s						
MOX	Moxa	83.43	326	eP	P	07 34 24.7	-0.6
MOX	comp=Z,25nm,1.9s,mb4.9						
MOX	Moxa	83.43	326	eP	P	07 34 24.6	-0.7
MOX	comp=Z,200nm,17.0s,MS4.6						
BSMT	Bassoo Peak	83.44	38	eP	P	07 34 26.5	+1.1
A14A	Double T Ranch	83.47	36	||P	P	07 34 26.0	+0.5
GE2C	GERESS Array S	83.51	323	eP	P	07 34 24.1	-1.6
GE2C	comp=Z,16nm,1.7s,mb4.9						
GE2C	GERESS Array S	83.51	323	eP	P	07 34 24.1	-1.6
GERES	GERESS Array B	83.51	323	P	P	07 34 23.9	-1.8
GERES	comp=Z,1.3nm,0.8s,mb4.1,baz=43,slow=4.8,SNR=11						
E11A	Bogner Ranch,	83.57	40	||P	P	07 34 25.9	-0.2
D12A	Red Ives Fores	83.62	39	||P	P	07 34 25.7	-0.6
C13A	Hill Springs	83.66	38	||P	P	07 34 26.6	+0.0
G10A	Bishop Farm, J	83.68	41	||P	P	07 34 26.0	+0.1
ROTZ	Rotzenmuhle	83.70	325	eP	P	07 34 26.4	-0.3
H09A	Durkee	83.74	42	||P	P	07 34 26.4	-0.6
WET	Wetzell	83.75	324	eP	P	07 34 26.4	-0.6
WET	comp=Z,14nm,1.7s,mb4.8						
WET	Wetzell	83.75	324	eP	P	07 34 26.4	-0.6
JMET	Jette	83.78	38	eP	P	07 34 28.0	+0.8
A15A	Johnson Ranch,	83.82	36	||P	P	07 34 27.0	-0.3
BMO	Blue Mountains	83.84	41	eP	P	07 34 28.0	+0.5
F11A	Grangeville	83.88	40	||P	P	07 34 27.8	+0.1
E12A	Beaver Dam Sad	83.89	39	||P	P	07 34 28.7	+0.2
J08A	Circle Bar Ran	84.03	43	||P	P	07 34 28.7	+0.2
C14A	Swan Lake	84.05	38	||P	P	07 34 28.6	+0.1
SWMT	Swartz Lake	84.07	38	eP	P	07 34 29.2	+0.6
I09A	Lost Marbles R	84.10	42	||P	P	07 34 28.9	0.0
UBBA	Unterbreizbach	84.10	327	eP	P	07 34 27.8	-0.9
G11A	Walters Elk Ra	84.11	40	||P	P	07 34 28.3	-0.6

IBBN	baz=84,SNR=8.1	84.16	329	eP	P	07 34 28.2	-0.8
IBBN	lbbenuren	84.16	329	eP	P	07 34 28.2	-0.8
IBBN	comp=Z,14nm,1.2s,mb5.0						
GRA1	Grabenberg Arr	84.24	325	eP	P	07 34 29.0	-0.4
GRA1	comp=Z,24nm,1.2s,mb5.2						
GRF	Grabenberg Arr	84.24	325	eP	P	07 34 29.0	-0.4
GRF	comp=Z,200nm,18.3s,MS4.5						
GRF	Grabenberg Arr	84.24	325	eP	P	07 34 29.0	-0.4
GRF	comp=Z,24nm,1.2s,mb5.2						
GRF	Grabenberg Arr	84.24	325	eP	P	07 34 29.0	-0.4
GRF	comp=Z,200nm,18.3s,MS4.5						
L07A	Adell	84.28	45	||P	P	07 34 30.0	+0.2
H10A	Noah's Angus R	84.31	41	||P	P	07 34 29.7	-0.3
B15A	Brady Ranch,	84.33	37	||P	P	07 34 29.8	-0.1
A16A	West Butte Ran	84.42	36	||P	P	07 34 30.2	-0.2
F12A	Elk City	84.46	40	||P	P	07 34 30.4	-0.3
J09A	Fry Pan Lake	84.46	43	||P	P	07 34 30.6	-0.1
SLMT	Seelye Lake	84.51	38	eP	P	07 34 31.2	+0.4
MSO	Missoula	84.52	38	eP	P	07 34 31.7	+0.7
D14A	Greenough	84.60	38	||P	P	07 34 31.1	-0.3
FCC	Fort Churchill	84.61	21	eP	P	07 34 30.7	-0.5
FCC	comp=Z,1.0nm,0.8s,mb4.0						
FCC	Fort Churchill	84.61	21	eP	P	07 34 30.7	-0.4
FCC	comp=Z,0.7nm,0.8s,mb3.8						
E13A	Victor	84.63	39	||P	P	07 34 31.4	-0.1
C15A	Salmond Ranch,	84.64	37	||P	P	07 34 32.2	+0.7
H11A	Donnelly	84.67	41	||P	P	07 34 31.2	-0.5
RJOB	Jochberg	84.67	323	eP	P	07 34 31.4	-0.3
N06A	Buffalo Meadow	84.67	46	||P	P	07 34 31.9	-0.1
L08A	Fields	84.78	44	||P	P	07 34 31.9	-0.5
G12A	Big Creek, Yel	84.80	40	||P	P	07 34 31.9	-0.5
CHMT	Chamberlain Mo	84.84	38	eP	P	07 34 33.0	+0.4
FFC	Flin Flon	84.85	27	iP	P	07 34 32.6	+0.2
FFC	Flin Flon	84.85	27	iP	P	07 34 32.6	+0.0
BEKR	Beckworth	84.87	47	||P	P	07 34 32.6	-0.3
A17A	Triple J Farms	84.88	35	||P	P	07 34 32.5	-0.1
BUG	Bochum-Univer	84.97	328	eP	P	07 34 32.1	-1.0
E14A	Clinton	85.02	38	||P	P	07 34 32.5	-0.9
D15A	Lincoln	85.15	38	||P	P	07 34 33.5	-0.7
I11A	Placerville	85.17	42	||P	P	07 34 33.9	-0.4
B17A	L&G Farms, Che	85.25	36	||P	P	07 34 34.6	+0.1
K10A	MacKenzie Ranc	85.32	43	||P	P	07 34 35.5	+0.5
H12A	Diamond D Ranc	85.42	41	||P	P	07 34 34.8	-0.7
G13A	Cobalt	85.43	40	||P	P	07 34 34.5	-1.1
E15A	Deer Lodge	85.47	38	||P	P	07 34 35.4	-0.3
MFID	Genas Ranch	85.55	42	||P	P	07 34 35.4	-0.7
WCN	Washoe City	85.57	47	||P	P	07 34 36.9	+0.5
PAHR	Parah Ranch	85.57	46	eP	P	07 34 37.4	+1.1
D16A	Dana Ranch, Ca	85.67	37	||P	P	07 34 35.9	-0.8
C17A	Wharram Farm,	85.69	36	||P	P	07 34 36.6	-0.2
B18A	Beardsley Farm	85.70	35	||P	P	07 34 36.9	+0.1
I12A	Atlanta	85.72	41	||P	P	07 34 36.7	-0.3
HRY	Holler Researc	85.73	38	eP	P	07 34 37.7	+0.7
H13A	Challis	85.75	40	||P	P	07 34 37.1	0.0
G14A	Jackson	85.77	39	||P	P	07 34 36.7	-0.5
K11A	Parker Ranch,	85.82	42	||P	P	07 34 37.3	-0.2
STU	Stuttgart	85.84	325	eP	P	07 34 36.5	-1.0
CMB	Columbia Colle	85.89	48	eP	P	07 34 38.4	+0.4
CMB	comp=Z,7.0nm,1.0s,mb4.8						

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Rows include U15A North Rim, S17A Black Ridge, Q19A Hogan Spring, R18A Canyonlands Na, W14A Seligman, V15A Kaibab Natona, R19A Curley Farm, L, Q20A Ridgley Place, X14A Yava, U17A Shonto, U16A Tuba City, KMBO Kilima Mbogo, T18A Mexican Hat, Y14A Wickenburg, Z13A Yuma Proving G, WUAZ Wupatki, R20A Redvale, X15A Humboldt, 113A Mohawk Valley, SMCO Snowmass, U17A Tonale, Kytok, V18A Rough Rock, Ch, R21A Cimarron, Q22A Crested Butte, S21A Coal Bank Pass, 114A Black Gap (USA), SCHQ Schefferville, BOSA Boshof, BOSA Boshof, QSPA South Pole Qui, DBIC Dimbokro, DBIC Dimbokro, JTS JuntasAbangare, JTS JuntasAbangare, VNA2 VNA2, VNA2 VNA2, VNA3 Neumayer Olymp, VNA3 VNA3, SDV Santo Domingo, SDV Santo Domingo, PCRV Puerto La Cruz, ATAH Atahualpa, NNA Nana, NNA Nana, LPAZ La Paz, LPAZ La Paz, PLCA Paso Flores, PLCA Paso Flores, PLCA Limon Verde, SIV San Ignacio, ISCJB 13 07:26:51.0, 2.48, 08N, 01:121.61W, h10km, Error ellipse: s-maj=2.1km s-min=1.5km az=39.9, NEIC 13 07:26:51.3, 48:09N, 121.62W, h0km, MD2.7(SEA), After SEA, PNSN 13 07:26:51.3, 48:09N, 121.62W, h0km, MD2.7, Fault plane solution: NP1, P165.00000, S20.00000, NP2, 293.00000, 377.00000, Principal axes: T P1g31.0000, Azm36.0000; P P1g55.0000, Azm184.0000; Fault plane solution: NP1, 130.280.00000, 590.00000, NP2, 490.00000, 840.00000, Principal axes: T P1g33.0000, Azm43.0000; P P1g33.0000, Azm157.0000, PGC 13 07:26:52.6, 0.0, 48:10N, 121.66W, h0km, ML2.3/14, 74km northeast of Seattle, Wa Washington, ISC 13 07:26:51.2, 0.2, 48:08N, 01:121.61W, 0:02, h10km, n80, e1f03/119, 26C-45D, Washington

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Rows include C07A Waterville, TBM Table Mountain, VGZ Gonzales, RCZ Mount Rainier, SNB Saturna Island, SNB Ashnola River, A07A Neilon Lookou, REMR Mount Rainier, HOPB Hope, HOPB Hope, LON Longmire, PGC Sidney, PGC Sidney, PGC Haney, HNB Haney, EBG Ellensburg, Q07A Galiano Island, G08A Galiano Island, B08A Lucas Creek, LCW Yakima, E06A Yakima, E06A Yakima, NLWA Neilon Lookou, NLWA Neilon Lookou, NLWA Bowen Island, B1B Bowen Island, C08A Higginbotham F, C08A Neilon Lookou, PNT Pentiction, PNT Pentiction, WPB Watts Point, WPB Watts Point, E07A Sunnyside, E07A Sunnyside, E07A Sunnyside, E07A Sunnyside, NLLB Nanaimo Lost L, NLLB Nanaimo Lost L, PFB Port Renfrew, PFB Port Renfrew, E03A Lebam, OD2 Odessa Site #2, GHN2 Nanose, SHB Sechtel, SHB Sechtel, RSW Rattlesnake Hi, RSW Rattlesnake Hi, A09A Danville, A09A Danville, HAWA Hanford, HAWA Hanford, F04A Amboy, WSLR Whistler, WSLR Whistler, MGB Mount Grey, MGB Mount Grey, C09A Chrisman Ranch, B09A Rice, B09A Rice, B09A Rice, B09A Rice, ALB Albani, ALB Albani, D08A Jones Farm, Ri, F07A Phinny Hill Vi, TXB Texada, TXB Texada, F03A Seaside, A10A Northport, C10A Spilker Farm, NEW Newport, E10A Myers Farm, Un, E10A Myers Farm, Un, H06A Lindquist Farm, H06A Lindquist Farm, B11A Sandpoint, A11A Hall Mountain, F10A Beach Ranch, D11A Klaviano Farm, E11A Bogner Ranch, H08A Prairie City, BMT Blue Mountains, Jette, ISCJB 13 07:41:31.8, 0.0, 3, 13:32S, 0:04, 77:12W, 0:06, h29km, mb4, -4/35, MS3.9/6, Error ellipse: s-maj=8.9km, NEIC 13 07:41:33.8, 0.0, 3, 13:29S, 77:12W, mb4.6/32, Error ellipse: s-maj=11.9km s-min=5.2km az=57.0, NEIC 13 07:41:33.8, 0.0, 5, 13:16S, 77:01W, h28km, 3km, mb3.8/12, mb1.4/0.17, mb1mx4.0/20, mbmp3.9/17, ML4.0, 3/5, MS3.6/8, Ms1.3/6.8, ms1mx3.4/24, Error ellipse: s-maj=19.7km, s-min=9.8km az=83.0, Bull 13 07:41:34.7, 13:30S, 77:10W, h29km, mB5.2/3, Ms5.2/2, Ms7.4/7.3, ISC 13 07:41:34.3, 0.2, 13:28S, 0:04, 77:01W, 0:06, h30km, 130km, 4km, P, P, n269, -0579/123, mb4.4/35, MS3.9/6, 112C-110D, Off coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Rows include LVC Limon Verde, LVC Limon Verde, LVC Otavalo, OTAV Otavalo, SIV San Ignacio, LCO Las Campanas, ROSC El Rosal, ROSC El Rosal, V03A Villavieja, CFAA Coronel Fontana, CFAA Coronel Fontana, CPUP Villa Florida, CPUP Villa Florida, CPUP Villa Florida, SDV Santo Domingo, SDV Santo Domingo, JTS JuntasAbangare, JTS JuntasAbangare, PCRV Puerto La Cruz, PLCA Paso Flores, PLCA Paso Flores, PLCA Paso Flores, BBSR BB Station, BBSR BB Station, 628A Black Gap, Mar, 627A Terlingua Ranc, TXAR Lajitas Array, TXAR Lajitas Array, 528A Cox Ranch, San, 626A Big Bend Ranch, 626A Big Bend Ranch, 527A Miar, 527A Miar, 428A Kincaid Ranch, 428A Kincaid Ranch, 526A Mar Lane Ranch, 526A Mar Lane Ranch, 427A Hayler Ranch, 427A Hayler Ranch, 426A McDonald Obser, 426A McDonald Obser, 425A Indo Mountain, 425A Indo Mountain, 325A Bean Ranch, Si, 325A Malaga, Loving, WMOK Wichita Mounta, WMOK Wichita Mounta, 324A Moseley Ranch, 324A Moseley Ranch, 225A Deer Hill, Car, 126A Clayton Basin, CPXR Cap Rock, 224A Cordados Mount, 125A Gardner Draw, 124A Stringfield Ra, 320A Kipp Ranch, An, 122A Conniff Cattle, 122A Conniff Cattle, 220A Playas Peak, P, 220A Playas Peak, P, 319A Douglas, 319A Douglas, 121A Cooles Peak, D, 318A Biala, 318A Biala, 219A White Tail Can, 120A U Bar Ranch, L, Z21A St. Cloud Mine, Z20A Nine Sixteen R, 217A Green Valley, Y21A Point of Rocks, Y21A Point of Rocks, 118A Homack Ranch, ANMO Albuquerque, Y20A Horse Springs, TUC Tucson, TUC Tucson, X1A Alamoctra Cree, X21A Ladero, 216A Three Points, 117A Oracle, Y19A Nutrioso, X20A Quemado, Y18A Canyon Day Jun, X19A St. Johns, 214A Organ Pipe Nat, 214A Organ Pipe Nat, 115A Sonoran Desert, 216A Peralta Trail, W19A Sanders, Z15A Gila River Ind

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Rows include JW Jim Creek, HTW Haystack Looko, ATES Arlington Traf, RPW Rockport, B06A Marblemount, B06A Marblemount, CMW Cultus Mountai, C06A Tall Timber Ra, C06A Tall Timber Ra, WRW Wenatchee Ridg, RMW Rattlesnake Mo, MBW Nelson Baker, NLW Nelson Baker, GSM Grass Mountain, BLN Blyn Mountain, D05A Enumclaw, D05A Enumclaw, A05A Maple Falls, A05A Maple Falls, ETW Entiat, VDB Vedder Mountai, VDB Vedder Mountai, D06A Cle Elum, D06A Cle Elum, LTY Liberty, B07A Winthrop, B07A Winthrop, HDW Hoodspout, CBSW Chelan Butte S

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Rows include NNA Nana, NNA Nana, NNA Nana, ARE ARE, ATAH Atauhalpa, ATAH Atauhalpa, ATAH Atauhalpa, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Rows include X21A Ladero, 216A Three Points, 117A Oracle, Y19A Nutrioso, X20A Quemado, Y18A Canyon Day Jun, X19A St. Johns, 214A Organ Pipe Nat, 214A Organ Pipe Nat, 115A Sonoran Desert, 216A Peralta Trail, W19A Sanders, Z15A Gila River Ind

X17A	Forest Lakes	57.23 327	↑P	P	07 51 28.2	0.0
Y16A	Circle Bar Ran	57.24 326	↑P	P	07 51 28.3	+0.1
W18A	Petrified Fore	57.27 328	↑P	P	07 51 19.9	+0.7
W18A			↑P	P	07 51 27.7	-0.7
SDCO	Great Sand Dun	57.37 333	eP	P	07 51 19.7	-0.1
SDCO	Lo Mia Camp, P	57.63 326	eP	P	07 51 22.1	+0.4
X16A			↑P	P	07 51 31.1	+0.1
113A	Mohawk Valley,	57.71 323	↑P	P	07 51 31.0	-0.6
X15A	Humboldt	58.11 326	↑P	P	07 51 33.4	-1.0
V17A	Tonalea, Kykot	58.20 328	↑P	P	07 51 33.7	-1.3
T19A	Dealabito	58.26 330	↑P	P	07 51 34.3	-1.0
MVCO	Mesa Verde	58.31 331	↑P	P	07 51 35.1	-0.6
R22A	Saguache, Gunn	58.33 333	↑P	P	07 51 35.4	-0.4
S21A	Coal Bank Pass	58.54 331	↑P	P	07 51 27.0	+0.4
WUAZ	Wupatki	58.43 327	↑P	P	07 51 27.8	+0.6
X14A	Yava	58.46 325	↑P	P	07 51 36.4	-0.4
Y13A	Salome	58.50 324	↑P	P	07 51 28.1	+0.3
Y13A			↑P	P	07 51 37.0	-0.2
Y12C	Blythe	58.85 324	↑P	P	07 51 39.5	-0.1
T18A	Mexican Hat	58.91 330	↑P	P	07 51 30.8	+0.2
R20A	Redvale	59.03 331	↑P	P	07 51 32.1	+0.7
R20A			↑P	P	07 51 39.3	-1.5
X13A	Yucca	59.07 325	↑P	P	07 51 32.2	+0.5
X13A			↑P	P	07 51 39.2	-1.9
W14A	Seligman	59.11 326	↑P	P	07 51 32.2	+0.2
W14A			↑P	P	07 51 41.6	+0.2
SMCO	Snowmass	59.20 333	eP	P	07 51 38.6	+0.6
T17A	Navajo Res., N	59.27 329	↑P	P	07 51 33.2	+0.1
T17A			↑P	P	07 51 42.6	+0.1
S18A	Hurst Farm, BI	59.41 330	↑P	P	07 51 34.4	+0.4
S18A			↑P	P	07 51 43.6	+0.2
V14A	Boquillas Ranc	59.44 326	↑P	P	07 51 33.7	-0.6
V14A			P	P	07 51 43.5	-0.1
W13A	Hualapai Mount	59.47 325	↑P	P	07 51 44.0	+0.1
ECSD	EROS Data Cent	59.50 344	eP	P	07 51 32.7	-1.8
ECSD			eP	P	07 51 42.3	-1.5
IRM	Iron Mountain	59.51 324	↑P	P	07 51 43.5	-0.6
R19A	Curley Farm, L	59.53 331	↑P	P	07 51 42.8	-1.4
U15A	North Rim	59.60 327	↑P	P	07 51 44.3	-0.5
Q19A	Hogan Spring (	59.66 331	↑P	P	07 51 47.1	-0.8
U14A	Mit Trumbull	60.06 327	↑P	P	07 51 46.5	-1.4
V13A	Grand Canyon W	60.08 326	↑P	P	07 51 47.7	-0.4
T15A	Red Dirt Ranch	60.09 328	↑P	P	07 51 46.6	-1.5
R17A	Hanksville Air	60.33 330	↑P	P	07 51 49.7	-0.1
V12A	Nelson	60.47 325	↑P	P	07 51 49.0	-1.7
P19A	Cripple Cowboy	60.48 332	↑P	P	07 51 49.5	-1.2
Q18A	Pakoon Wash	60.48 326	↑P	P	07 51 49.0	-1.8
U13A	Rafter H Ranch	60.59 331	↑P	P	07 51 42.3	+0.2
Q18A			↑P	P	07 51 51.4	-0.1
R16A	Teasdale	60.61 329	↑P	P	07 51 42.6	+0.3
HEC	Hector,Ludlow	60.67 323	↑P	P	07 51 51.5	-0.6
SRU	San Rafael	60.78 331	eP	P	07 51 52.3	-0.5
Q16A	Castle Valley	60.95 330	↑P	P	07 51 53.9	0.0
CCUT	Cedar City	61.01 327	eP	P	07 51 54.5	+0.1
O19A	Miners Draw (B	61.08 332	↑P	P	07 51 45.4	+0.1
O19A			↑P	P	07 51 52.9	-1.9
N20A	Spence Gulch	61.13 333	↑P	P	07 51 53.0	-2.1
MSU	Marysval	61.13 329	P	P	07 51 46.8	+1.0
MSU			eP	P	07 51 55.0	-0.1
MSU			eP	P	07 52 37.5	+0.9
P17A	Butcher Ranch,	61.17 331	↑P	P	07 51 54.5	-0.9
S13A	Holt Ranch, En	61.29 327	P	P	07 51 55.3	-0.4
M21A	Separation Pea	61.38 334	↑P	P	07 51 47.4	0.0
M21A			↑P	P	07 51 56.0	-0.8
O18A	Roosevelt	61.45 332	↑P	P	07 51 56.7	-0.7
N19A	John Jarvis Ra	61.58 333	↑P	P	07 51 48.7	0.0
N19A			↑P	P	07 51 57.2	-0.9
M20A	Sweetwater, Wa	61.63 334	↑P	P	07 51 57.8	-0.7
EDW2	Edwards Air Fo	61.68 322	↑P	P	07 51 57.9	-1.1
O17A	Robinson Place	61.74 331	↑P	P	07 51 50.5	+0.6
O17A			↑P	P	07 51 58.8	-0.5
T11A	Corn Creek, AI	61.77 326	↑P	P	07 51 58.3	-1.3
R13A	O'Grain Ranch,	61.80 327	↑P	P	07 51 59.7	0.0
N18A	Larsen Ranch,	61.87 332	↑P	P	07 51 59.6	-0.6
MPU	Maple Canyon	62.02 330	↑P	P	07 51 47.5	-4.3
Q14C	Sevier Lake (B	62.05 329	↑P	P	07 52 01.5	+0.1
MPMC	Manual Prospect	62.21 324	↑P	P	07 51 53.2	+0.1
RSSD	Black Hills	62.21 338	P	P	07 51 52.5	-0.4
RSSD			↑P	P	07 52 01.8	-0.5
R12A	Pony Springs,	62.24 327	↑P	P	07 51 53.4	+0.1
R12A			↑P	P	07 52 01.7	-1.0
S11A	Rachel	62.35 326	↑P	P	07 52 02.9	-0.6
N17A	Moffitt Pass	62.37 332	↑P	P	07 51 55.0	+0.9
N17A			↑P	P	07 52 03.4	-0.1
P14A	Drum Mountains	62.40 329	↑P	P	07 52 03.4	-0.3

Q13A	Wheeler Ranch,	62.40 328	↑P	P	07 52 02.9	-0.8
N16A	Rees Ranch, Co	62.61 331	↑P	P	07 52 04.1	-1.0
K20A	Yellowstone Ra	62.66 334	↑P	P	07 51 56.9	+0.9
M17A	Scullys Gap (B	62.72 332	↑P	P	07 52 04.2	-1.6
DUG	Dugway	62.74 330	↑P	P	07 51 57.2	+0.6
DUG			↑P	P	07 52 05.6	-0.3
DUG			↑P	P	07 51 56.4	-0.2
P13A	Bates Ranch, G	62.78 328	↑P	P	07 52 05.5	-0.8
L18A	Fontenelle, Gr	62.79 333	↑P	P	07 52 05.5	-0.9
PKM	Peak Mountain	62.80 321	↑P	P	07 52 06.2	-0.3
S10A	Tonopah Range,	63.02 326	↑P	P	07 52 07.1	-0.8
R10A	Warm Springs	63.12 326	↑P	P	07 52 00.4	+1.2
R10A			↑P	P	07 52 09.4	+0.8
Q11A	Duckwater	63.18 327	↑P	P	07 52 08.3	-0.7
HWUT	Hardware Ranch	63.24 332	P	P	07 51 59.7	-0.1
P12A	McGill	63.25 328	↑P	P	07 52 08.3	-1.1
BW06	Boulder Array	63.26 334	↑P	P	07 52 01.0	+1.0
BW06			eP	P	07 52 07.2	+7.3
PDAR	Pinedale Array	63.26 334	P	P	07 51 59.0	-0.9
PDAR			↑P	P	07 52 08.2	-1.2
PDAR			↑P	P	07 52 45.3	
K18A	Toltan Ranch,	63.37 333	↑P	P	07 52 09.8	-0.3
N14A	Grayback Hills	63.42 330	↑P	P	07 52 10.1	-0.4
L16A	Fish Haven	63.49 332	↑P	P	07 52 09.7	-1.3
M15A	Larsen Ranch,	63.54 331	↑P	P	07 52 10.3	-1.0
AGMN	Agassiz Refuge	63.55 346	eP	P	07 52 00.5	-1.3
Q10A	Clear Creek Ra	63.56 326	↑P	P	07 52 10.7	-0.8
P11A	Circle Ranch,	63.75 327	↑P	P	07 52 12.0	-0.7
J18A	Kendall Valley	63.82 334	↑P	P	07 52 11.4	-1.7
M14A	Sheep Mountain	64.00 330	↑P	P	07 52 13.0	-1.3
I18A	Diamond G Ranc	64.13 334	↑P	P	07 52 14.0	-1.1
K16A	Soda Springs	64.21 332	↑P	P	07 52 15.0	-0.7
J17A	Brown Place, J	64.24 333	↑P	P	07 52 15.3	-0.6
NVAR	Mina Array Bea	64.33 325	P	P	07 52 07.8	+0.6
NVAR			↑P	P	07 52 15.8	-0.8
NVAR			↑P	P	07 52 50.0	
NVAR			↑P	P	07 52 07.6	-0.5
RR12	Red Ridge	64.50 333	eP	P	07 52 09.2	+0.2
I17A	Pilgrim Ck.	64.63 334	↑P	P	07 52 18.3	-0.1
M12A	Well	64.70 329	↑P	P	07 52 17.9	-1.0
K14A	Jones Ranch, D	64.72 331	↑P	P	07 52 18.3	-0.7
L13A	Double Diamond	64.73 330	↑P	P	07 52 18.6	-0.5
IMW	Indian Meadow	64.77 334	eP	P	07 52 17.6	-1.7
I16A	Newdale	64.99 333	↑P	P	07 52 11.5	+0.2
I16A			↑P	P	07 52 20.7	-0.1
J15A	Blackfoot	65.04 332	↑P	P	07 52 12.1	+0.4
J15A			↑P	P	07 52 20.7	-0.4
RLMT	Red Lodge	65.06 335	↑P	P	07 52 20.4	-0.8
RLMT			P	P	07 52 10.5	-1.3
M11A	Holland Ranch,	65.15 329	↑P	P	07 52 22.2	+0.3
K13A	Stover Farm, H	65.23 331	↑P	P	07 52 21.6	-0.7
CMB	Columbia Colle	65.25 323	eP	P	07 52 21.8	-0.8
L12A	House Creek Ra	65.30 330	↑P	P	07 52 21.7	-1.1
G18A	Laz EL Ranch,	65.34 335	↑P	P	07 52 13.0	-0.5
G18A			↑P	P	07 52 22.3	-0.7
ULM	Lac du Bonnet	65.39 347	P	P	07 52 11.4	-2.3
ULM			↑P	P	07 52 21.1	-2.1
J14A	Carey	65.48 331	↑P	P	07 52 24.1	+0.2
H16A	Russell Place,	65.55 334	↑P	P	07 52 15.7	+0.8
K12A	Draper Farm, C	65.61 330	↑P	P	07 52 15.5	+0.1
K12A			↑P	P	07 52 25.5	+0.6
L11A	Cat Creek Ranc	65.68 329	↑P	P	07 52 16.3	+0.5
L11A			↑P	P	07 52 25.3	+0.1
WCN	Washoe City	65.75 325	↑P	P	07 52 26.4	+0.6
PAHR	Pah Rah Range	65.82 325	eP	P	07 52 25.4	-0.8
G17A	Pierce Place,	65.83 335	↑P	P	07 52 26.1	-0.1
J13A	Cove Ranch, Pi	65.84 331	↑P	P	07 52 16.6	-0.2
J13A			↑P	P	07 52 26.0	-0.3
F18A	Big Timber	65.88 336	↑P	P	07 52 16.4	-0.6
F18A			↑P	P	07 52 25.8	-0.7
I14A	Mackay	65.92 322	↑P	P	07 52 25.4	-1.4
L10A	Juniper Basin	65.97 329	↑P	P	07 52 27.2	0.0
HLID	Hailey	66.08 331	↑P	P	07 52 17.7	-0.7
HLID			P	P	07 52 18.2	-0.2
HLID			eP	P	07 52 28.5	+0.6
J12A	Stokes Ranch,	66.17 330	↑P	P	07 52 18.5	-0.5
G16A	Moss Hill, Enn	66.20 334	↑P	P	07 52 27.4	-1.2
I13A	Wildhorse Cree	66.21 332	↑P	P	07 52 18.2	-1.0
I13A			↑P	P	07 52 29.0	+0.3
F17A	Fitzpatrick PI	66.27 335	↑P	P	07 52 28.6	-0.4
K11A	Parker Ranch,	66.27 330	↑P	P	07 52 29.2	+0.1
H14A	Leadore	66.41 332	↑P	P	07 52 30.0	+0.1
BOZ	Bozeman (W)	66.46 334	eP	P	07 52 28.7	-1.5
BEKR	Beckworth	66.47 325	↑P	P	07 52 30.2	-0.3

E18A	Harlowton	66.50 336	↑P	P	07 52 29.4	-1.0
E17A	Martinsdale	66.80 335	↑P	P	07 52 31.5	-0.9
D18A	Linhart Farms,	66.97 336	↑P	P	07 52 23.9	-0.1
D18A			↑P	P	07 52 33.6	+0.1
L08A	Fields	67.01 328	↑P	P	07 52 33.9	0.0
H12A	Diamond D Ranc	67.04 332	↑P	P	07 52 34.1	+0.2
I11A	Placerville	67.08 330	↑P	P	07 52 34.1	-0.1
G13A	Cobalt	67.17 332	↑P	P	07 52 34.7	-0.1
E16A	East Helena	67.19 335	↑P	P	07 52 34.0	-0.8
D17A	Six Diamond Ra	67.29 336	↑P	P	07 52 34.4	-1.1
F14A	Wisdom	67.34 333	↑P	P	07 52 35.8	-0.1
D16A	Dana Ranch, Ca	67.54 335	↑P	P	07 52 36.5	-0.5
J09A	Fry Pan Ranch,	67.54 329	↑P	P	07 52 37.6	+0.4
EGMT	Eagleton	67.63 337	↑P	P	07 52 36.5	-1.1
F13						

ISCJB 13 07:56:52.1-0.5, 201.13N, 0104.122.224E, 0.08, h42km, 6km, mb4.0/19, MS3.7, Error ellipse: s-maj=13.8km s-min=4.1km az=19.5

NEIC 13 07:56:53.4-1.9, 19.96N, 122.222E, h44km, 18km, mb4.2/5, Error ellipse: s-maj=14.9km s-min=9.8km az=65.0

IDC 13 07:56:53.0-5.0, 19.98N, 122.14E, h40km, 46km, mb3.8/14, mb1.4/16, mb1mx3.9/22, mbmp3.9/16, ML4.02, MS3.3/10, Ms1.3/10, ms1mx3.1/29, Error ellipse: s-maj=34.5km s-min=15.5km az=69.0

JMA 13 07:56:53.8-0.5, 20.48N, 122.23E, h0km, M4.2

ISC 13 07:56:53.8-0.5, 20.09N, 0104.122.225E, 0.09, h44km, 6km, M4.8, 16.6/10, mb4.0/19, MS3.3/7, 2C-1D, Philippine Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
BBP	Basco	0.44	322	Op	Pn	07 56 58.1	-5.9	
SGCP	Mt. Cagua	1.85	186	eP	Pn	07 57 21.7	-1.4	
PIP	Pasauquin	2.34	222	Op	Pn	07 57 27.4	-2.4	
CVP	Callao Caves	2.41	190	eP	Pn	07 57 30.3	-0.5	
APYP	Conner	2.41	204	eP	Pn	07 57 29.3	-1.5	
SIPP	Brgy. Tapao	2.75	219	eP	Pn	07 57 29.9	-5.5	
ABRA	Dolores	2.82	211	eP	Pn	07 57 37.2	+0.6	
PALP	Palanan	3.02	177	eP	Pn	07 57 39.6	+0.5	
CAUP	Cauayan	3.15	188	eP	Pn	07 57 43.9	+2.7	
HATJ	Hateruma jima	4.20	20	P	Sn	07 57 59.0	+0.5	
HATJ	Hateruma jima	4.20	20	P	Sn	07 58 43.1	-0.1	
BOLP	Bolinao	4.31	211	eP	Pn	07 57 57.2	+0.4	
BALP	Baler	4.37	189	eP	Pn	07 57 59.9	+1.8	
YUJ	Yonaguni jima	4.41	9	P	Pn	07 58 59.0	+0.7	
YOP	Yonaguni jima	4.41	9	eS	Pn	07 58 59.0	+0.7	
JKRS	Kuro-shima	4.44	21	P	Pn	07 57 59.5	+0.9	
JKRS	Kuro-shima	4.44	21	eS	Pn	07 58 48.6	-0.4	
IRIF	Iriomote-Funau	4.44	18	eS	Pn	07 58 47.7	-1.4	
IJJI	Ishigaki jima	4.60	22	P	Pn	07 58 01.3	+0.4	
IJJI	Ishigaki jima	4.60	22	P	Pn	07 58 52.4	+0.6	
IJJI	Ishigaki jima	4.60	22	P	Pn	07 58 08.7	+1.5	
IJJI	Ishigaki jima	4.60	22	P	Pn	07 59 02.7	-1.8	
JOGS	Gusukube	5.49	32	P	Pn	07 58 15.2	+2.2	
JOW	Kunigami	8.69	38	Pn	Pn	07 58 57.8	+0.7	
JOW	Kunigami	8.69	38	Pn	LR	08 02 13.0		
DAV	Davao City (W)	13.34	166	LR	LR	08 05 06.2		
KSRS	Korea Arry	17.99	15	P	Pn	08 01 00.7	0.0	
KSRS	Korea Arry	17.99	15	LR	LR	08 09 18.5		
MJAR	Matsushiro Arr	21.53	37	P	Pn	08 01 41.8	+2.5	
CHJO	Chiang Mai	22.02	271	eP	Pn	08 01 43.7	-0.9	
GUMO	Gumau	22.57	103	LR	LR	08 08 47.8		
ASAJ	Asahikawa	29.35	31	LR	LR	08 15 52.8		
SONM	Songino Array	30.52	339	P	Pn	08 03 02.3	-0.5	
SONM	Songino Array	30.52	339	P	LR	08 16 02.6		
WRA	Warramunga Arr	41.51	163	P	Pn	08 04 35.8	-1.1	
WRA	Warramunga Arr	41.51	163	LR	LR	08 22 57.6		
WB2	Warramunga Arr	41.51	163	eP	Pn	08 04 35.0	-1.9	
MK31	Makanchi Array	42.01	319	P	Pn	08 04 41.1	+0.3	
MKAR	Makanchi Array	42.01	319	LR	LR	08 04 41.0	+0.2	
MKAR	Makanchi Array	42.01	319	LR	LR	08 23 51.1		
MKAR	Makanchi Array	42.01	319	P	Pn	08 04 41.0	+0.2	
MKAR	Makanchi Array	42.01	319	LR	LR	08 04 41.1	+0.2	
ZALV	Zalesovo Beam	44.23	329	P	Pn	08 05 48.4	-0.2	
ZALV	Zalesovo Beam	44.23	329	LR	LR	08 24 39.9		
ASAR	Allice Springs	44.95	165	P	Pn	08 05 03.5	-1.2	
UCH	Uchter	45.73	310	eP	Pn	08 05 13.2	+2.5	
KURK	Kurchatov	45.89	322	P	Pn	08 05 12.4	+0.5	
AML	Almayashu	46.30	310	eP	Pn	08 05 17.1	+1.8	
ABKAR	Akbulak array	57.04	316	eP	Pn	08 06 35.6	+0.3	
MALT	Malatya	73.12	305	eP	Pn	08 08 20.8	+0.9	
FINES	FINES Array B	73.69	339	P	Pn	08 08 22.4	-0.3	
FINES	FINES Array B	73.69	339	P	Pn	08 08 32.7	-0.4	
BRTR	Reskin Array B	76.42	308	P	Pn	08 08 39.5	+0.6	
AKASG	Main Array Be	76.59	319	P	Pn	08 08 38.7	-1.0	
NB2	NORSAR Subarray	82.30	333	P	Pn	08 09 09.8	-0.7	
NOA	NORSAR Array B	82.30	333	P	Pn	08 09 09.3	-1.2	
NOA	NORSAR Array B	82.30	333	LR	LR	08 49 09.4		
YKA	Yellowknife Ar	86.34	23	P	Pn	08 09 31.7	+0.7	
YKA	Yellowknife Ar	86.34	23	P	Pn	08 09 31.7	+0.7	
GERES	GERES Array B	86.63	321	P	Pn	08 09 33.0	+0.2	
MAN	MAN 13 08:05:55.1, 19.98N, 124.28E, h52km, mb3.9, ML2.7, MS2.3, 1C, Leyte							

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
HRFI	Paran Flat	1.39	213	Op	Pn	08 13 43.0	-0.2	
KRMI	Talchebab	1.41	13	Op	Pn	08 14 04.0	-0.3	
TCHB	Talchebab	1.41	13	Op	Pn	08 14 06.7	+0.3	
TCHB	Talchebab	1.41	13	Op	Pn	08 14 14.5	0.0	
OFRI	'Ofet	1.42	339	Pn	Pn	08 14 16.1	+0.6	
BLGI	Bed Lehem HaGe	1.48	347	Pn	Pn	08 14 16.2	+0.7	
MBRI	Mt Berech	1.60	202	Pn	Pn	08 14 45.4	-0.2	
AQBJ	Aqaba	1.62	197	Pn	Pn	08 14 45.5	-0.1	
EIL	Eilat	1.71	199	Pn	Pn	08 14 45.5	-0.1	
SALA	Sala	1.72	34	Op	Pn	08 14 50.3	-0.2	
SALA	Sala	1.72	34	Op	Pn	08 14 50.5	0.0	
SALA	Sala	1.72	34	Op	Pn	08 14 50.5	0.0	
SALA	Sala	1.72	34	Op	Pn	08 14 50.5	0.0	
MM2	Mount Meron ar	1.72	355	Pn	Pn	08 14 50.5	0.0	
MM1C	Mount Meron ar	2.04	193	Pn	Pn	08 14 50.1	-0.5	
HOLS	Holon	2.04	193	Pn	Pn	08 18 10.7	-0.4	
BRBR	Barbar	2.14	8	Op	Pn	08 18 44.9	-2.3	
BRBR	Barbar	2.14	8	Op	Pn	08 15 19.9	+0.6	
BRBR	Barbar	2.14	8	Op	Pn	08 19 37.8	-0.5	
TOTH	TOTAH	2.18	19	Op	Pn	08 18 43.0	-2.2	
TOTH	TOTAH	2.18	19	Op	Pn	08 18 19.6	+1.4	
TOTH	TOTAH	2.18	19	Op	Pn	08 18 43.3	-1.9	
ZALF	Zalf	2.20	42	Op	Pn	08 18 44.0	-1.5	
ZALF	Zalf	2.20	42	Op	Pn	08 18 18.6	+0.2	
ZALF	Zalf	2.20	42	Op	Pn	08 18 45.5	-1.0	
HAQS	Haqi	2.31	195	Pn	Pn	08 18 52.2	+4.0	
HAQS	Haqi	2.31	195	Pn	Pn	08 18 23.9	+0.5	
HAQS	Haqi	2.31	195	Pn	Pn	08 18 18.8	-1.1	
HAQS	Haqi	2.31	195	Pn	Pn	08 18 52.2	+4.0	
QASN	Qassioun	2.31	14	Op	Pn	08 18 21.0	+1.1	
QASN	Qassioun	2.31	14	Op	Pn	08 18 48.0	-0.3	
QASN	Qassioun	2.31	14	Op	Pn	08 18 21.1	+1.2	
JLOS	Jolof	2.52	182	Pn	Pn	08 18 26.2	+3.1	
JLOS	Jolof	2.52	182	Pn	Pn	08 18 26.2	+3.0	
BHD	Bhannes	2.61	1	ePn	Pn	08 18 31.5	+7.5	
BDAS	Al Bad'	2.88	189	S	Pn	08 19 11.6	+9.1	
HWQ	Hawqa	2.99	6	ePn	Pn	08 18 36.1	+6.8	
RHS	Rahat	3.08	193	Pn	Pn	08 18 29.4	-0.8	
RHS	Rahat	3.08	193	Pn	Pn	08 18 30.9	+7.2	
TBS	Tabuk	3.17	165	Pn	Pn	08 18 39.0	+7.2	
DBAS	Duba	4.08	175	Pn	Pn	08 18 44.0	-0.3	
DBAS	Duba	4.08	175	Pn	Pn	08 18 44.0	-0.2	
WJHS	Wadi	4.60	171	S	Sb	08 20 02.8	+4.8	

ISCJB 13 08:05:55.2-9.1, 17.97S, 166.30E, h0km, mb4.1/4, mb1.4/3, mb1mx3.9/14, mbmp4.1/4, Error ellipse: s-maj=25.0km s-min=4.6km az=133.0

ISC 13 08:04:46.6-4.0, 20.3S, 0105.168E, 0.07, h35km, n5, 085/6, mb4.0/4, Loyalty Islands

Code Station Name Δ° AZ° Phase ID Time Res ISC h m s ISC

NOUC Port Laguerre 2.87 230 Op Pn 08 21 27.2 +0.6

NOUC Port Laguerre 2.87 230 Op Pn 08 21 07.7 +0.6

WRA Warramunga Arr 32.20 265 P Pn 08 27 08.7 -0.9

ASAR Allice Springs 32.37 258 P Pn 08 27 11.1 0.0

FITZ Fitzroy Crossi 40.61 266 P Pn 08 28 21.5 +0.1

SONM Songino Array 87.71 323 P Pn 08 33 30.4 +0.8

ISC 13 08:05:55.2-9.1, 17.97S, 166.30E, h0km, mb4.1/4, mb1.4/3, mb1mx3.9/14, mbmp4.1/4, Error ellipse: s-maj=25.0km s-min=4.6km az=133.0

CSEM 13 08:33:46.0-1.0, 38.10N, 123.57E, h20km, ML2.2, Error ellipse: s-maj=4.4km s-min=3.0km az=48.0

THE 13 08:33:47.1, 38.13N, 123.55E, h3km, 22km, ML2.8/3, Error ellipse: s-maj=22.7km s-min=0.5km az=160.0

ATH 13 08:33:47.4, 38.08N, 123.55E, h15km, MD2.7, ML2.2

ISC 13 08:33:46.7-0.5, 38.10N, 123.57E, h10km, 8km, n24, 095/3/40, Greece

Code Station Name Δ° AZ° Phase ID Time Res ISC h m s ISC

ATH Athens Observa 0.17 136 ePb Pn 08 33 51.6 +0.1

ATH Athens Observa 0.17 136 ePb Pn 08 33 54.5 -0.3

ATH Athens Observa 0.17 136 ePb Pn 08 33 51.6 +0.1

ATH Athens Observa 0.17 136 ePb Pn 08 33 54.5 -0.3

ATH Athens Observa 0.22 127 S Pn 08 33 55.6 -0.2

ATH Athens Observa 0.22 127 S Pn 08 33 55.2 +0.1

ATH Athens Observa 0.22 127 S Pn 08 33 55.5 -0.2

PTL Penteli 0.24 101 ePb Pn 08 33 52.6 +0.1

PTL Penteli 0.24 101 ePb Pn 08 33 55.6 -0.1

PTL Penteli 0.24 101 ePb Pn 08 33 56.3 -0.1

VLY Voula, Athens 0.30 143 ePb Pn 08 33 53.8 +0.3

VLY Voula, Athens 0.30 143 ePb Pn 08 33 54.8 +0.3

VLY Voula, Athens 0.30 143 ePb Pn 08 33 54.8 +0.4

VLY Voula, Athens 0.30 143 ePb Pn 08 33 54.3 +0.2

NAIG Nisos Aigina 0.34 190 ePb Pn 08 33 54.3 +0.2

LTK Loutraki 0.48 261 ePb Pn 08 33 56.5 +0.1

LTK Loutraki 0.48 261 ePb Pn 08 33 56.3 -0.1

LTK Loutraki 0.48 261 ePb Pn 08 34 03.2 +0.2

LTK Loutraki 0.48 261 ePb Pn 08 33 56.5 +0.1

DTD Didima 0.64 204 ePb Pn 08 33 59.6 -1.0

DTD Didima 0.64 204 ePb Pn 08 33 59.5 -0.3

DTD Didima 0.64 204 ePb Pn 08 33 59.5 +0.3

LKR Lokris 0.71 321 P Pn 08 33 59.3 -0.4

LKR Lokris 0.71 321 P Pn 08 34 10.1 +0.4

LKR Lokris 0.71 321 P Pn 08 33 59.4 -1.0

ATL Atalanti 0.73 325 S Pn 08 34 10.1 +0.4

ATL Atalanti 0.73 325 S Pn 08 33 59.8 -1.0

ATL Atalanti 0.73 325 S Pn 08 34 10.7 +0.3

AOS Alonnisos 1.10 13 P Pn 08 34 06.8 -0.1

AOS Alonnisos 1.10 13 P Pn 08 34 06.8 -0.1

XOR Xorichti 1.30 347 P Pn 08 34 10.9 +1.2

XOR Xorichti 1.30 347 P Pn 08 34 10.9 +1.2

ISC 13 08:14:19.7-0.5, 32.87N, 0106.138E, 0.07, h349km, 4km, mb3.5/11, Error ellipse: s-maj=10.6km s-min=8.9km az=39.9

JMA 13 08:14:20.7-0.5, 32.94N, 137.87E, h351km, 5km, M3.2

IDC 13 08:14:20.9-0.7, 32.91N, 138.03E, h344km, 11km, mb3.3/10, mb1.9-3/13, mb1mx3.2/27, mbmp3.3/13, Error ellipse: s-maj=11.6km az=68.0

NEIC 13 08:14:21.1-1.0, 32.88N, 137.85E, h343km, 13km, MG3.2(JMA), Error ellipse: s-maj=37.3km s-min=13.7km az=70.0

ISC 13 08:14:21.0-1.0, 32.90N, 0107.137E, 0.08, h343km, 4km, n37, 0578/44, mb3.5/11, Southeast of Honshu

Code Station Name Δ° AZ° Phase ID Time Res ISC h m s ISC

TK02 Tokai 2 1.06 350 Op Pn 08 15 06.7 +0.5

TK04 Tokai 4 1.94 357 P Pn 08 15 09.2 +1.0

JHJ Hachioji jima 2 1.54 81 P Pn 08 15 08.8 +0.3

JHJ Hachioji jima 2 1.54 81 P S 08 15 47.0 +0.3

JIE Ise 1.83 235 P Pn 08 15 10.6 +0.3

JWZ Kozaga 2.00 289 P Pn 08 15 11.1 -0.4

JWY Kouya 2.38 304 P Pn 08 15 14.7 +0.3

JOD2 Odawara 2 2.54 21 P Pn 08 15 16.8 +1.2

JYJ Shimob 2.64 10 P eS Pn 08 15 59.1 -0.5

JYM Miyama 2.98 340 P Pn 08 15 14.4 +0.9

BOS1 Boso 1 3.06 54 eS Pn 08 16 04.3 -3.6

JAI Aioi 3.08 288 P Pn 08 15 20.2 -0.3

JWY Wachi 3.20 319 P Pn 08 15 21.5 0.0

JWY Wachi 3.20 319 P S 08 16 02.2 -1.0

JRT Ryogami san 3.21 14 P Pn 08 15 22.6 +1.0

JMN Monobe 3.53 285 P Pn 08 15 24.7 +0.3

MJAR Matsushiro Arr 3.64 3 P Pn 08 15 26.1 +0.3

MAJO Matsushiro 3.64 3 P Pn 08 15 26.4 +0.6

MAT Matsushiro 3.64 3 P Pn 08 15 26.1 +0.3

MAT Matsushiro 3.64 3 P S 08 15 15.8 -2.2

MAT Matsushiro 3.64 3 P S 08 15 26.0 +0.2

MAT Matsushiro 3.64 3 P S 08 16 11.1 -1.9

JAG Ashikaga 3.73 19 P Pn 08 15 26.2 -0.4

JAG Ashikaga 3.73 19 P S 08 15 16.5 -4.0

JTO Toshimizumi 4.35 271 P Pn 08 15 32.9 -0.3

JHS Saijyo 4.55 299 P Pn 08 15 35.3 +0.1

CBJI Chichi jima 6.84 147 P Pn 08 15 59.2 -2.1

CBJI Chichi jima 6.84 147 P S 08 17 15.9 -6.9

KSRS Kora Array 9.40 320 P Pn 0

Y15A	Casa Rosa Ranc	71.75 321	↑P	P	09 13 58.2 +1.0
113A	Mohawk Valley,	71.76 319	↑P	P	09 13 57.2 -0.1
R22A	Saguache, Gunn	71.96 328	↑P	P	09 13 58.5 +0.1
Z13A	Yuma Proving G	72.00 320	↑P	P	09 13 59.1 +0.4
S21A	Coal Bank Pass	72.04 327	↑P	P	09 13 58.8 -0.1
T19A	Beclabito	72.04 325	↑P	P	09 13 58.1 -0.8
MVCO	Mesa Verde	72.06 326	↑P	P	09 13 59.8 +0.8
MVCO	Mesa Verde	72.06 326	eP	P	09 13 59.8 +0.9
X15A	Humboldt	72.08 321	P	P	09 14 00.1 +0.9
W17A	Tonalapa, Kykot	72.10 323	P	P	09 13 59.8 +0.6
W16A	Flagstaff	72.12 322	↑P	P	09 14 00.2 +0.8
Y14A	Wickenburg	72.13 321	↑P	P	09 13 59.1 -0.4
U18A	Rough Rock, Ch	72.18 324	↑P	P	09 13 59.2 -0.5
ECSD	EROS Data Cent	72.22 337	eP	P	09 13 58.5 -1.3
WUAZ	Wupatki	72.34 323	↑P	P	09 14 01.2 +0.5
WUAZ	Wupatki	72.34 323	eP	P	09 14 01.4 +0.7
X14A	Yava	72.44 321	↑P	P	09 14 00.9 -0.4
R21A	Cimarron	72.46 327	↑P	P	09 14 01.5 +0.2
Q22A	Crested Butte,	72.53 328	↑P	P	09 14 02.4 +0.6
Y13A	Salome	72.53 320	↑P	P	09 14 01.5 -0.3
W15A	Williams	72.60 322	↑P	P	09 14 02.3 +0.1
ISCO	Idaho Springs	72.64 329	eP	P	09 14 03.0 +0.6
U16A	Tube City	72.66 323	↑P	P	09 14 01.7 -0.9
T18A	Mexican Hat	72.72 325	↑P	P	09 14 02.1 -0.8
R20A	Redvale	72.74 326	↑P	P	09 14 01.6 -1.4
U17A	Shonto	72.75 324	↑P	P	09 14 03.1 +0.1
SMCO	Snowmass	72.81 323	↑P	P	09 14 04.3 +1.0
Q21A	Lamborn Mesa,	72.83 327	↑P	P	09 14 03.7 +0.2
Y12C	Blythe	72.90 320	↑P	P	09 14 04.0 0.0
V15A	Kaibab Nationa	73.01 322	↑P	P	09 14 04.0 -0.6
X13A	Yuca	73.08 321	↑P	P	09 14 05.7 +0.6
W14A	Seligman	73.09 321	↑P	P	09 14 05.1 0.0
T17A	Navajo Res	73.11 324	↑P	P	09 14 05.6 +0.4
S18A	Hurst Farm, B	73.20 325	↑P	P	09 14 05.8 +0.1
R19A	Curley Farm, L	73.27 326	↑P	P	09 14 06.3 +0.2
P21A	Newcastle	73.31 328	↑P	P	09 14 06.7 +0.4
BC3	Big Chuck Mtn	73.39 319	↑P	P	09 14 06.1 -0.8
V14A	Boquillas Ranc	73.40 322	↑P	P	09 14 07.3 +0.4
MONP	Monument Peak	73.46 318	↑P	P	09 14 07.9 +0.6
W13A	Hualapai Mount	73.47 321	↑P	P	09 14 07.6 +0.2
BAR	Barrett	73.47 317	eP	P	09 14 07.2 -0.2
T16A	Glen Canyon Da	73.48 324	↑P	P	09 14 08.7 +1.3
U15A	North Rim	73.51 323	↑P	P	09 14 08.5 +0.9
IRM	Iron Mountain	73.56 319	↑P	P	09 14 08.2 +0.3
S17A	Black Ridge (B	73.59 325	↑P	P	09 14 08.5 +0.6
R18A	Canyonlands Na	73.67 326	P	P	09 14 08.8 +0.3
P20A	De Beque	73.75 327	↑P	P	09 14 08.9 0.0
PHWY	Pilot Hill	73.77 330	eP	P	09 14 09.6 +0.7
Q19A	Hogan Spring (	73.77 326	↑P	P	09 14 08.5 -0.5
BELC	Belle Mtn.	73.96 319	↑P	P	09 14 10.4 +0.2
PFO	Pinyon Flat Ob	73.97 318	↑P	P	09 14 10.7 +0.5
PFO	Pinyon Flat Ob	73.97 318	eP	P	09 14 10.7 +0.4
T15A	Red Dirt Ranch	73.99 323	↑P	P	09 14 11.1 +0.8
U14A	Mt Trumbull	74.00 322	↑P	P	09 14 11.1 +0.7
SYO	Syowa Base	74.02 159	↑P	P	09 14 09.2 -0.9
V13A	Grand Canyon W	74.06 321	↑P	P	09 14 11.1 +0.4
R17A	Hanksville Air	74.12 325	↑P	P	09 14 11.5 +0.4
P19A	Cripple Cowboy	74.15 327	↑P	P	09 14 11.7 +0.5
Q20A	White River Ci	74.17 328	↑P	P	09 14 11.6 +0.3
GMRC	Granite Mounta	74.19 320	↑P	P	09 14 12.7 +0.6
Q18A	Raffet Ranch	74.33 326	↑P	P	09 14 12.9 +0.6
T14A	Hurricane	74.41 323	↑P	P	09 14 13.1 +0.4
MURC	Murieta	74.42 318	↑P	P	09 14 12.6 -0.3
R16A	Teasdale	74.43 325	↑P	P	09 14 12.8 0.0
U13A	Pakoon Wash	74.44 322	↑P	P	09 14 13.9 +0.9
V12A	Nelson	74.47 321	↑P	P	09 14 13.2 +0.1
SBA	Scott Base	74.50 190	eP	P	09 14 13.7 +1.0
SRU	San Rafael	74.54 326	↑P	P	09 14 13.3 -0.1
SRU	San Rafael	74.54 326	eP	P	09 14 13.7 +0.2
HEC	Hecto Ludlow	74.72 319	↑P	P	09 14 15.3 +0.7
Q19A	Miners Draw (B	74.72 327	↑P	P	09 14 14.9 +0.5
Q16A	Castle Valley	74.73 325	↑P	P	09 14 14.9 +0.4
P18A	Preston Nutter	74.78 326	↑P	P	09 14 15.0 +0.2
U12A	Valley of Fire	74.78 322	↑P	P	09 14 14.7 -0.2
R15A	Junction	74.80 324	↑P	P	09 14 15.4 +0.5
T13A	Saint George	74.84 322	↑P	P	09 14 16.3 +1.1
RWWY	Rawlins	74.88 330	↑P	P	09 14 16.2 +0.9
V11A	Goodsprings	74.88 321	↑P	P	09 14 16.5 +1.0
M21A	Separation Pea	74.89 329	↑P	P	09 14 15.8 +0.5
CCUT	Cedar City	74.91 323	↑P	P	09 14 16.9 +1.3
P17A	Butcher Ranch,	74.92 326	↑P	P	09 14 16.3 +0.7
MSU	Maryselle	74.97 324	eP	P	09 14 16.8 +0.9
BFSC	Mount Baldy St	75.13 318	↑P	P	09 14 17.0 +0.1
O18A	Roosevelt	75.14 327	↑P	P	09 14 17.2 +0.3
L21A	Rawlins	75.17 330	↑P	P	09 14 17.0 0.0
SHPR	Sheep Range	75.19 321	eP	P	09 14 17.9 +0.7
N19A	John Jarvie Ra	75.20 328	↑P	P	09 14 17.0 -0.2

S13A	Holt Ranch, En	75.21 323	↑P	P	09 14 17.4 +0.1
R14A	James Farms, M	75.27 324	↑P	P	09 14 17.8 +0.2
GSC	Goldstone	75.33 319	↑P	P	09 14 18.4 +0.3
GSC	Goldstone	75.33 319	eP	P	09 14 19.1 +1.0
PASC	Pasadena Art C	75.41 318	eP	P	09 14 19.4 +0.8
RSSD	Black Hills	75.42 333	eP	P	09 14 18.1 -0.2
O17A	Robinson Place	75.46 326	↑P	P	09 14 19.4 +0.7
P16A	Fountain Green	75.50 325	↑P	P	09 14 19.1 +0.2
N18A	Larsen Ranch,	75.51 328	P	P	09 14 19.6 +0.7
L20A	Wamsutter	75.66 329	↑P	P	09 14 20.5 +0.8
M19A	Rock Springs	75.66 328	↑P	P	09 14 20.8 +1.0
R13A	O'Grain Ranch,	75.70 323	↑P	P	09 14 20.8 +0.7
T11A	Corn Creek, Al	75.74 322	↑P	P	09 14 20.3 0.0
EDW2	Edwards Air Fo	75.76 318	↑P	P	09 14 20.8 +0.3
MPU	Maple Canyon	75.78 326	eP	P	09 14 21.5 +1.0
S12A	Delamar Landin	75.79 322	↑P	P	09 14 21.5 +0.9
U10A	Ash Meadows, A	75.81 320	↑P	P	09 14 21.7 +1.0
O16A	Springville	75.86 326	↑P	P	09 14 21.5 +0.6
DAU	Daniels Canyon	75.88 326	eP	P	09 14 21.9 +0.9
Q14A	Sevier Lake (B	75.90 324	↑P	P	09 14 22.1 +0.9
NLU	North	75.97 325	eP	P	09 14 22.8 +1.3
LRMC	Lurel Mountai	75.98 319	↑P	P	09 14 22.0 +0.3
M18A	Lyman	76.05 328	↑P	P	09 14 22.2 +0.3
N17A	Moffit Pass	76.06 327	↑P	P	09 14 22.5 +0.4
JLU	Jordanelle	76.12 326	eP	P	09 14 23.2 +0.8
FURC	Furnace Creek	76.16 320	↑P	P	09 14 23.1 +0.4
R12A	Hony Springs	76.16 323	↑P	P	09 14 23.1 +0.4
K20A	Yellowstone Ra	76.16 329	↑P	P	09 14 22.4 -0.1
L19A	Fans	76.21 329	↑P	P	09 14 23.4 +0.5
P14A	Drum Mountains	76.22 325	↑P	P	09 14 23.6 +0.6
MPMC	Manual Prospec	76.25 320	↑P	P	09 14 23.2 0.0
Q13A	Wheeler Ranch,	76.28 324	↑P	P	09 14 24.3 +0.9
M17A	Scully Gap (B	76.38 327	↑P	P	09 14 23.5 -0.3
L18A	Fontenelle, Gr	76.41 328	↑P	P	09 14 24.1 +0.1
K19A	Absolon Red Bu	76.53 329	↑P	P	09 14 24.6 0.0
DUG	Dugway	76.53 325	↑P	P	09 14 25.1 +0.4
DUG	Dugway	76.53 325	eP	P	09 14 25.4 +0.7
ISA	Isabella	76.58 319	↑P	P	09 14 25.1 0.0
ISA	Isabella	76.58 319	eP	P	09 14 25.7 +0.6
P13A	Bates Ranch, G	76.64 324	↑P	P	09 14 26.2 +0.9
R11A	Tro Canyon, C	76.72 322	↑P	P	09 14 26.2 +0.4
Q12A	Willow Creek R	76.78 323	↑P	P	09 14 27.0 +0.8
BW06	Boulder Array	76.82 329	↑P	P	09 14 25.5 -0.8
BW06	Boulder Array	76.82 329	eP	P	09 14 25.7 -0.5
PDAR	Pinedale Array	76.82 329	↑P	P	09 14 26.0 -0.3
PKM	Peak Mountain	76.90 317	↑P	P	09 14 26.9 0.0
HW7A	Hardware Ranch	76.92 327	eP	P	09 14 27.1 +0.2
L17A	Cokeville	76.95 328	↑P	P	09 14 26.5 -0.5
K18A	Toitan Ranch,	76.95 328	↑P	P	09 14 27.4 +0.4
S10A	Tonopah Range,	77.00 321	↑P	P	09 14 27.6 +0.2
YES	Vestal, Richgr	77.07 318	↑P	P	09 14 28.0 +0.2
R10A	Warm Springs	77.08 322	↑P	P	09 14 28.4 +0.6
O13A	Hicks Ranch, I	77.10 325	↑P	P	09 14 28.3 +0.4
Q11A	Duckwater	77.10 323	↑P	P	09 14 29.2 +1.2
P12A	McGill	77.13 324	↑P	P	09 14 29.2 +1.1
SPUT	South Promonto	77.15 326	eP	P	09 14 28.1 -0.1
L16A	Fish Haven	77.16 327	↑P	P	09 14 27.6 -0.6
N14A	Grayback Hills	77.20 325	↑P	P	09 14 28.8 +0.3
M15A	Larsen Ranch,	77.27 326	↑P	P	09 14 27.7 -1.1
SMCC	Simmler	77.28 318	↑P	P	09 14 28.5 -0.5
TSUM	Tsum	77.31 106	eP	P	09 14 28.9 -0.8
J18A	Kendall Valley	77.38 329	↑P	P	09 14 28.9 -0.4
K17A	Gardner Place,	77.46 328	↑P	P	09 14 30.0 +0.1
RCTC	Rector, Farmer	77.47 319	↑P	P	09 14 29.8 -0.3
Q10A	Clear Creek Ra	77.51 322	↑P	P	09 14 30.4 +0.2
O12A	Currie	77.61 324	↑P	P	09 14 30.5 -0.2
L15A	Malad City	77.63 327	↑P	P	09 14 30.5 -0.4
I18A	Diamond G Ranc	77.65 329	↑P	P	09 14 31.4 +0.5
HVU	Hansel Valley	77.67 326	eP	P	09 14 31.5 +0.6
ULM	Lac du Bonnet	77.72 341	↑P	P	09 14 30.2 -1.0
M14A	Sheep Mountain	77.76 326	↑P	P	09 14 31.5 0.0
SCHO	Schefferville	77.79 360	P	P	09 14 30.8 -0.6
J17A	Grown Place, J	77.82 329	↑P	P	09 14 31.9 +0.1
K16A	Soda Springs	77.85 328	↑P	P	09 14 32.4 +0.4
REDW	Red Top Meadow	77.89 329	eP	P	09 14 32.9 +0.7
SNOW	Snow King Moun	77.92 329	eP	P	09 14 32.9 +0.6
LOHW	Long Hollow	77.96 329	eP	P	09 14 33.0 +0.4
TPAW	Teton Pass	78.03 329	eP	P	09 14 33.9 +0.9
L14A	Malta	78.09 326	↑P	P	09 14 33.2 -0.1
P10A	Cureka	78.09 323	↑P	P	09 14 33.5 +0.1
RR12	Red Ridge	78.10 328	eP	P	09 14 33.9 +0.5
MLAC	Mammoth Lakes	78.10 320	↑P	P	09 14 33.9 +0.4
I17A	Pilgrim Ck,	78.17 329	↑P	P	09 14 33.8 +0.1
N12A	Clover Valley,	78.18 324	↑P	P	09 14 34.1 +0.3
J16A	Boze	78.19 328	↑P	P	09 14 33.5 -0.4
K15A	Arbon	78.20 327	↑P	P	09 14 33.0 -0.9
ELK	Elko	78.21 324	eP	P	09 14 34.3 +0.3
DCD1	Drake Creek	78.22 328	eP	P	09 14 34.7 +0.6
NVAR	Mina Array Bea	78.33 321	↑P	P	09 14 34.9 +0.2
IMW	Indian Meadow,	78.33 329	eP	P	09 14 35.2 +0.6
K14A	Jones Ranch, D	78.43 327	↑P	P	09 14 34.3 -0.9

RLMT	Red Lodge	78.49 331	↑P	P	09 14 35.3 -0.1
RLMT	Red Lodge	78.49 331	eP	P	09 14 35.4 0.0
L13A	Double Diamond	78.49 326	↑P	P	09 14 35.9 +0.3
M12A	Wells	78.51 325	↑P	P	09 14 35.7 0.0
H17A	Grant Village	78.53 329	↑P	P	09 14 36.3 +0.6
I16A	Newdale	78.58 328	↑P	P	09 14 36.7 +0.7
LKWY	Lake	78.58 330	eP	P	09 14 37.3 +1.3
J15A	Blackfoot	78.68 328	↑P	P	09 14 37.2 +0.7</

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like G15A, G11A, A17A, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like MJAR, CN2, GTA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like TWK1, HEN, BBP, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation. Includes stations like MCELE Monticello, MTG Motta San Gio, MILZ Milazzo, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation. Includes stations like TIR Tirane, MEV Metsovon, STON Ston, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation. Includes stations like ARCES ARCESS Array B, BVAR Borovoye Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like EBAD Badajoz, MORF Marnele, ESDC Sonseca Array, etc.

ISCJB 13 11:31:45.2±0.8, 11.0S:0.1:76.7W±0.2, h119km, 14km, mb3.3/3, Error ellipse: s-maj=30.3km s-min=17.5km az=146.3

ISC 13 11:31:46.2±1.0, 11.07S:76.64W, h114km±16km, mb3.2/4, mb1 3.5/6, mb1mx3.3/18, mbtmp3.2/6, Error ellipse: s-maj=36.3km s-min=26.6km az=77.0

ISC 13 11:31:46.3±0.8, 11.0S:0.1:76.6W±0.2, h108km±14km, n7, c0524/9, mb3.3/3, Central Peru

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

ISCJB 13 11:35:24.7±0.7, 38.40N:0.04:38.88E±0.05, h2km±8km, Error ellipse: s-maj=7.8km s-min=4.3km az=137.4

CSEM 13 11:35:24.7±0.3, 38.40N:38.90E, h2km, MD2.9, Error ellipse: s-maj=8.2km s-min=4.4km az=132.0

DDA 13 11:35:24.4, 38.40N:38.88E, h7km±2km, Md2.9

ISC 13 11:35:24.4, 38.45N:38.83E, h7km, MD2.7

ISC 13 11:35:25.2±0.6, 38.40N:0.04:38.88E±0.05, h3km±9km, n20, c0577/32, Turkey

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

Table with columns: SAR, SAR, KMRS, SVSK, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SarD1z-Kayseri, Kahramanmaras, Karacayir.

IDC 13 11:35:35.2±0.8, 19.92N:122.05E, h0km, mb3.9/12, mb1 4.0/14, mb1mx3.9/24, mbtmp3.9/14, MLJ3.6/2, MS3.3/2, Ms1 3.4/2, ms1mx2.6/23, Error ellipse: s-maj=24.6km s-min=16.9km az=72.0

ISCJB 13 11:35:37.6±1.3, 20.11N:0.03:122.2E±0.1, h20km±9km, mb3.8/13, MS3.3/2, Error ellipse: s-maj=16.2km s-min=5.4km az=8.6

NEIC 13 11:35:37.0±0.8, 19.97N:122.13E, h10km, mb4.1/2, Error ellipse: s-maj=17.6km s-min=11.9km az=83.0

MAN 13 11:36:15, 17.67N:121.25E, h14km, mb4.9, ML3.9, MS4.0

ISC 13 11:36:37.6±1.8, 20.08N:0.04:122.21E±0.10, h8km±10km, n37, c1832/37, mb3.9/13, MS3.3/2, 1C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BBP Basco, SCGP Mt. Cagua, etc.

MAN 13 11:58:19, 11.56N:121.25E, h19km, mb4.4, ML3.2, MS3.1, 1D, Panay

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CUYO Cuyo Island, SJMP San Jose, etc.

MAN 13 12:21:53, 6.97N:125.18E, h16km, mb4.4, ML3.2, MS3.0

MAN INTENSITY II - MAKILALA N. COTABATO. IDC 13 12:22:38.1±33.0, 3.00N:124.59E, h0km, mb3.7/3, mb1 3.8/3, mb1mx3.4/18, mbtmp3.7/3, Error ellipse: s-maj=560.3km s-min=261.2km az=154.0

ISC 13 12:21:34.3±3.6, 10.9N:0.2:124.9E±0.2, h11km±15km, n8, c0584/10, mb3.7/3, 1C, Leyte

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BUTP Butuan, CGP Cagayan de Oro, etc.

MAN 13 12:36:25, 17.72N:122.43E, h16km, mb4.2, ML3.0, MS2.8, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CVP Callao Caves, SGCP Mt. Cagua, etc.

TIF 13 12:39:10.0, 42.52N:43.98E, h10km

CSEM 13 12:39:11.4±0.2, 42.39N:43.75E, h2km, ML3.1, Error ellipse: s-maj=4.2km s-min=2.4km az=68.0

MOS 13 12:39:12.6±1.1, 42.44N:43.89E, h12km, mb4.2/1, Error ellipse: s-maj=15.8km s-min=5.8km az=85.9

ISC 13 12:39:12.2±0.5, 42.39N:0.02:43.78E±0.04, h2km±6km, n42, c0887/6, SC-5D, Western Caucasus

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

Table with columns: DIGR Digorskoe uzhe, DIGR Digorskoe uzhe, KORA Kora, etc. Includes stations like Digorskoe uzhe, Kora, Vladikavkaz, etc.

THR 13 12:40:05.0±0.4, 28.06N:57.67E, h14km±5km, ML3.7

CSEM 13 12:40:05.0±0.6, 27.95N:57.67E, h2km, ML3.6, Error ellipse: s-maj=14.8km s-min=9.5km az=137.0

TEH 13 12:40:06.0, 27.78N:57.82E, h2km

ISC 13 12:40:05.6±1.5, 27.98N:0.05:57.67E±0.08, h5km±9km, n24, c1940/31, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IBND Bandar-abas, BNDS Bandar-Abbas, etc.

GUC 13 12:51:27.0±0.6, 22.90S:70.40W, h40km±3km, MD3.5, ML2.6, 1C-1D, Near coast of northern Chile

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

ANCH Antofagasta, ANCH Antofagasta, ANCH Antofagasta

PB04 Plate Boundary, PB04 Plate Boundary, PB04 Plate Boundary

LVC Limon Verde, LVC Limon Verde

IDC 13 13:06:31.9±59.0, 17.39S:177.95E, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.7/14, mbtmp4.0/3, Error ellipse: s-maj=1047.0km s-min=141.0km az=77.0, Fiji Islands

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like DAW Daniels Canyon, R10A Warm Springs, P14A Drum Mountains, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KEV Kevo, P21A Newcastle, T14A Hurricane, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like SNY comp=N,2um,19.2s, PFO Pinyon Flat Ob, etc.

Table of station data for 13d 16h, including call signs like CRVS, STHS, FINES, KAF, PSZ, etc., and their associated frequencies and parameters.

Table of station data for 2008 APR, including call signs like BAIF, VIVF, LOR, SMF, etc., and their associated frequencies and parameters.

Table of station data for 596, including call signs like KEH, ONI, GOR, etc., and their associated frequencies and parameters.

MEX 13 14:59:57.0z.0.6, 17:15N-93.81W, h12km, 8km, MD3.7, Chiapas

IDC 13 15:25:42.3z.2.8, 55:15S-159.49E, h0km, mb4.0/5, mb1.4/1.5, mb1mx4.0/1.5, Error ellipse: s-maj=139.3km s-min=36.5km az=71.0, Macquarie Island region

ISCJB 13 15:49:23.0z.1.7, 10:55S; 1.61:161.5E; 0.2, h94km, 12km, mb3.5/6, Error ellipse: s-maj=29.0km s-min=15.5km az=146.7

IDC 13 15:49:22.9z.6.2, 10:46S; 161.53E, h81km, 41km, mb3.4/5, mb1.3/6, mb1mx3.4/1.6, mbtrmp3.5/6, ML4.2/1, MS3.0/1, Ms1.3/0.1, ms1mx2.7/1.0, Error ellipse: s-maj=56.2km

NEIC 13 15:49:23.1z.1.4, 10:40S; 161.51E, h83km, 11km, mb3.8/2, Error ellipse: s-maj=20.3km s-min=12.4km az=61.0

ISC 13 15:49:23.5z.1.7, 10:45S; 1.61:161.5E; 0.2, h85km, 12km, n12, 0:0566/13, mb3.5/6, Bougainville - Solomon Islands region

ISCJB 13 15:53:16.8z.0.6, 55:25S; 0:008:158:5E; 0.1, h10km, mb4.2/7, MS3.9/5, Error ellipse: s-maj=13.0km s-min=9.4km az=36.8

IDC 13 15:53:16.7z.4.0, 55:42S; 158:34E, h0km, mb4.1/4, mb1.4/3.4, mb1mx4.2/1.1, mbtrmp4.1/4, MS3.9/6, Ms1.3/9.6, ms1mx3.7/1.6, Error ellipse: s-maj=280.3km s-min=44.6km az=65.0

NEIC 13 15:53:18.9z.0.6, 55:27S; 158:28E, h10km, mb4.6/3, Error ellipse: s-maj=17.0km s-min=12.3km az=73.0

ISC 13 15:53:18.8z.0.0, 55:28S; 0:07x:158:4E; 0.1, h10km, n23, 0:080/17, mb4.2/7, MS3.9/5, Macquarie Island region

Table of station data for 596, including call signs like APZ, SYZ, WHZ, etc., and their associated frequencies and parameters.

BUI 13 16:02:03.7z.24:00N-121:85E, h33km, mb3.8/1, ML3.3/7.5, ISCJB 13 16:02:08.0z.0.3, 24:18N; 0:01, 121:65E; 0.02, h13km, 1km, Error ellipse: s-maj=3.6km s-min=1.7km az=20.0

ISC 13 16:02:08.2,0.3,2419N,0101.12163E,0102,h15km,1km,
n70,c093/123,17C-30,Taiwan

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
				h m s	ISC
NACB	Ninganchiao	0.04 242	Op	16 02 10.8	-0.1
NACB			Pg	16 02 13.9	+1.2
TWD	Chiawan	0.11 195	IP	16 02 12.2	+0.6
TWD			Sg	16 02 15.1	+1.2
EHP	Heping Village	0.16 41	P	16 02 12.9	+0.7
EHP			S	16 02 16.8	+1.9
HWA	Hwallien	0.21 186	IP	16 02 13.6	+0.6
HWA			S	16 02 17.9	+1.6
ENA	Nanau	0.26 23	IP	16 02 14.4	+0.7
ENA			S	16 02 19.1	+1.5
WHF	Hehuan Shan	0.34 262	IP	16 02 15.1	-0.1
WHF			S	16 02 19.6	-0.2
ESF	Shoufeng Towns	0.34 199	P	16 02 14.9	-0.2
ESF			S	16 02 20.4	+0.6
NNS	Nan Shan	0.34 317	IP	16 02 15.2	0.0
NNS			S	16 02 20.1	+0.1
ESL	Shilin	0.41 206	IP	16 02 15.7	-0.9
ESL			S	16 02 22.2	0.0
TWT	Tachien	0.42 279	IP	16 02 16.6	0.0
TWT			S	16 02 22.3	0.0
ENTT	Nioudou	0.45 353	IP	16 02 17.2	0.0
ENTT			S	16 02 23.2	-0.1
TWC	Suao	0.46 26	IP	16 02 17.7	+0.3
TWC			S	16 02 24.3	+0.6
TWE	Neicheng	0.53 4	IP	16 02 18.8	+0.1
TWE			S	16 02 25.5	-0.2
YHNB	Yeheng	0.53 334	EP	16 02 18.1	-0.6
YHNB			ESG	16 02 24.9	-0.8
NSK	Sanguang	0.54 333	IP	16 02 18.5	-0.4
NSK			S	16 02 25.6	-0.6
ILA	Ilan	0.58 11	P	16 02 19.7	+0.1
ILA			S	16 02 28.3	+0.8
NSTT	Nanjuang	0.72 308	IP	16 02 21.8	-0.5
NSTT			S	16 02 31.1	-0.7
SMLT	Sun Moon Lake	0.73 245	P	16 02 21.6	-0.9
SMLT			S	16 02 30.8	-1.4
SSLB	Suanglung	0.74 237	EP	16 02 20.9	-1.6
SSLB			ESG	16 02 30.7	-1.6
EHY	Hungye	0.74 202	EP	16 02 20.0	-2.5
TWC	Yuch	0.76 248	IP	16 02 21.9	-1.1
TWC			S	16 02 23.2	-0.3
TWA	Mucha	0.79 355	IP	16 02 33.8	-0.1
TWA			S	16 02 33.8	-0.1
TATO	Taipei	0.79 351	EP	16 02 23.0	-0.6
TATO			S	16 02 33.9	-0.1
TWQ1	Liyutan	0.80 282	IP	16 02 23.5	-0.2
TWQ1			S	16 02 34.6	+0.4
NSY	Sany	0.82 286	IP	16 02 24.2	+0.1
NSY			S	16 02 35.8	+0.7
TAP1	Taipei	0.85 353	P	16 02 24.4	-0.2
TAP1			S	16 02 35.4	-0.5
YULB	Yu-li	0.85 201	EP	16 02 22.9	-1.8
YULB			ESG	16 02 35.2	-0.7
HSN	Hsinchu	0.86 316	P	16 02 25.2	+0.5
HSN			S	16 02 37.1	+1.1
TCU	Taichung	0.87 267	P	16 02 25.9	+0.9
TCU			S	16 02 37.0	+0.6
NCU	National Centr	0.87 333	P	16 02 25.1	0.0
NCU			S	16 02 37.2	+0.7
TWB1	Santiao Chiao	0.88 22	P	16 02 24.7	-0.4
TWB1			S	16 02 36.6	-0.1
NWF	Wu-fen Shan	0.89 9	P	16 02 25.2	-0.1
NWF			S	16 02 37.4	+0.1
TWF1	Yuli	0.89 200	EP	16 02 22.1	-3.2
TWF1			S	16 02 36.9	0.0
WNT	Mingjian	0.92 250	EP	16 02 25.7	-0.1
WNT			S	16 02 39.1	+1.3
YUS	Yu-Shan	0.93 222	IP	16 02 25.1	-0.9
YUS			S	16 02 37.4	-0.8
ALS	Alishan	1.01 228	IP	16 02 26.8	-0.6
ALS			S	16 02 40.7	+0.1
CHN5	Tsauling	1.05 236	IP	16 02 28.0	0.0
CHN5			S	16 02 42.3	+0.6
TWY	Chenhua	1.08 359	EP	16 02 28.5	-0.1
TWY			S	16 02 44.5	+1.5
WGK	Gukung	1.10 243	IP	16 02 29.0	+0.1
WGK			S	16 02 44.5	+1.5
CHKT	Chengkung	1.11 193	EP	16 02 26.5	-2.6
CHKT			S	16 02 40.9	+0.9
ELDTW	Lidau	1.14 210	EP	16 02 26.6	-3.0
CHN2	Minshiang	1.24 238	IP	16 02 31.9	+0.9
CHN2			S	16 02 49.2	+2.0
CHN4	Tsashan	1.27 229	EP	16 02 31.2	-0.1
CHN4			S	16 02 49.9	+2.1
TPUB	Ta-pu	1.27 226	EP	16 02 30.9	-0.6
TPUB			S	16 02 47.9	-0.1
WTCT	Ta-ch'eng	1.27 256	EP	16 02 30.8	-0.6
WTCT			S	16 02 47.8	-0.3
YOJ	Yonaguni jima	1.29 78	EP	16 02 31.1	-0.5
STYT	Tauyuan	1.30 218	EP	16 02 30.0	-1.7
STYT			S	16 02 48.5	-0.2
CHY	Chiayi	1.30 238	EP	16 02 31.6	-0.2

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
				h m s	ISC
CHY			Sb	16 02 48.7	-0.2
WTP	Ta-pu	1.32 225	IP	16 02 32.2	+0.1
WTP			S	16 02 50.1	+0.7
TWK	Hsinying	1.39 229	EP	16 02 33.4	+0.3
TWK			S	16 02 51.9	+0.7
WSF	Zshu	1.40 247	EP	16 02 33.0	-0.1
WSF			S	16 02 52.3	+0.9
CHN1	Nanshi	1.42 225	EP	16 02 33.5	0.0
CHN1			S	16 02 53.7	+1.8
TWG	Pinlang	1.46 201	EP	16 02 32.7	-1.2
TWG			S	16 02 31.8	-2.2
SGST	Jiashian	1.46 221	IP	16 02 33.8	-0.3
SGST			S	16 02 53.7	+0.8
PCYT	Pengchiayu	1.49 16	EP	16 02 33.7	-0.7
CHN8	Yiju	1.55 237	EP	16 02 35.2	+0.1
CHN8			S	16 02 56.5	+1.5
CHN3	Shinhua	1.60 227	EP	16 02 36.6	+0.6
CHN3			S	16 02 57.9	+1.4
SCLT	Jiali	1.66 233	EP	16 02 36.2	-0.5
SCLT			S	16 02 59.9	+2.1
ECL	Taimali	1.70 201	EP	16 02 36.1	-1.2
SSD	Sandimen	1.71 213	EP	16 02 37.0	-0.3
SSD			S	16 02 59.9	+1.0
TAI1	Yung-k'ang	1.72 229	EP	16 02 38.5	+0.9
TW1M	Shoushan	1.75 219	EP	16 02 37.6	-0.4
SGLT	Jiouru	1.79 216	EP	16 02 41.5	+2.9
EAST	Anshuo	1.94 202	EP	16 02 40.8	+0.3
PNG	Penghu	2.00 252	EP	16 02 39.6	-1.7
PNG			S	16 03 04.9	-1.2
SCZT	Fangliu	2.03 207	EP	16 02 41.8	-0.1
LAY	Lan-yu	2.14 182	EP	16 02 39.5	-3.8
OZH	Quanzhou	2.87 286	EP	16 02 53.3	0.0
OZH			S	16 03 25.0	-2.6
OZH			Smax		
KNM	Kimmen	2.92 275	EP	16 02 54.0	-0.2

MOS 13 16:06:42.6,0.8,42'40N,43'82E,h10km,mb3.9/1,Error
 ellipse: s-maj=16.6km s-min=6.0km az=84.9
 CSEM 13 16:06:43.3,0.2,42'43N,43'89E,h2km,ML2.8,Error
 ellipse: s-maj=4.0km s-min=2.8km az=89.0
 DDA 13 16:06:43.8,42'09N,43'97E,h7km,4km,MD3.2
 TIF 13 16:06:47.9,0.3,42'52N,43'90E,h10km
 ISC 13 16:06:42.9,0.3,42'40N,0101.43,77E,0.03,h3km,6gkm,
 n47,c085/94,4C-6D,Western Caucasus

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
				h m s	ISC
KEH	Kehvi	0.15 127	Op	16 06 44.7	-1.2
KEH			S	16 06 47.2	-0.7
KEH			P	16 06 44.7	-1.2
KEH			S	16 06 47.2	-0.7
ONI	Oni	0.30 307	P	16 06 49.3	+0.7
ONI			S	16 06 54.6	+2.7
ONI			P	16 06 49.3	+0.7
ONI			S	16 06 54.6	+2.1
ZEI	Tsey	0.38 14	IP	16 06 49.4	-0.9
ZEI			S	16 06 54.8	-0.4
ZEI			IP	16 06 49.4	-0.9
ZEI			S	16 06 54.8	-0.4
GOR	Gori	0.49 149	P	16 06 52.6	+0.3
GOR			S	16 07 00.1	+1.9
GOR			P	16 06 52.6	+0.4
GOR			S	16 07 00.4	+1.9
DIGR	Digorskoe uzhe	0.52 344	IP	16 06 52.2	-0.7
DIGR			S	16 06 59.3	-0.3
DIGR			IP	16 06 52.2	-0.7
DIGR			S	16 06 59.3	-0.3
KORR	Korra	0.72 18	IP	16 06 55.9	-0.8
KORR			S	16 07 05.7	-0.4
KORR			IP	16 06 55.9	-0.8
KORR			S	16 07 05.7	-0.4
ARNR	Ardon	0.87 25	IP	16 07 11.4	+0.4
ARNR			S	16 07 11.4	+0.4
ARNR			IP	16 06 59.0	-0.7
ARNR			S	16 07 11.4	+0.4
LSNR	Lesken	0.87 2	IP	16 06 59.0	-0.7
LSNR			S	16 07 10.9	-0.1
LSNR			IP	16 06 59.0	-0.7
LSNR			S	16 07 10.9	-0.1
VLKR	Vladikavkaz	0.93 46	IP	16 07 00.6	-0.1
VLKR			S	16 07 13.7	+0.9
VLKR			IP	16 07 00.6	-0.1
VLKR			S	16 07 13.7	+0.9
TBLG	Delisi	0.98 133	EP	16 07 00.7	-1.1
TBLG			S	16 07 15.7	+1.1
TBLG			P	16 07 00.8	-1.0
TBLG			S	16 07 15.7	+1.2
TBLG			S	16 07 00.8	-1.0
TBLG			ESG	16 07 15.6	+1.1
SNJR	Sundja	1.02 49	EP	16 07 02.0	-0.4
SNJR			S	16 07 16.2	+0.6
SNJR			EP	16 07 02.0	-0.4
SNJR			S	16 07 16.2	+0.6
MTA	Mtatsminda	1.04 132	P	16 07 02.0	-0.8
MTA			S	16 07 16.8	+0.5
MTA			P	16 07 02.0	-0.8
MTA			S	16 07 16.8	+0.5
KMSR	Komsomolskaya	1.04 21	EP	16 07 02.7	-0.2
KMSR			S	16 07 16.6	+0.2
KMSR			EP	16 07 02.7	-0.2
KMSR			S	16 07 16.6	+0.2
BTKR	Batakoyurt	1.12 30	EP	16 07 04.7	+0.2
BTKR			S	16 07 20.0	+0.9
BTKR			EP	16 07 04.7	+0.2
BTKR			S	16 07 20.0	+0.9
PRTR	Priterechnaya	1.40 15	IP	16 07 28.3	+0.4
PRTR			S	16 07 09.6	+0.3
PRTR			EP	16 07 28.3	+0.4
PRTR			S	16 07 09.6	+0.3
KUBR	Kubatata	1.42 349	EP	16 07 10.1	+0.5
KUBR			S	16 07 29.8	+1.2
KUBR			EP	16 07 10.1	+0.5
KUBR			S	16 07 29.8	+1.2
TRKR	Terskaya	1.50 28	EP	16 07 10.3	-0.4
TRKR			S	16 07 30.4	-0.9
TRKR			EP	16 07 10.3	-0.4
TRKR			S	16 07 30.4	-0.9
SHAR	Shatshatmas	1.56 329	IP	16 07 11.8	+0.2
SHAR			S	16 07 33.2	0.0
SHAR			IP	16 07 11.8	+0.2
SHAR			S	16 07 33.2	0.0
SHAR			IP	16 07 11.8	+0.2
SHAR			S	16 07 33.2	0.0
KIV	Kislovodsk	1.74 333	IP	16 07 38.5	-0.4
KIV			S	16 07 49.1	-1.4
KIV			IP	16 07 38.5	-0.4
KIV			S	16 07 49.1	-1.4
ARTV	Artvin	1.84 229	IP	16 07 38.5	-0.4
ARTV			S	16 07 43.3	+1.4

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
				h m s	ISC
ARTV	Artvin	1.84 229	IP	16 07 38.5</	

MAN 13 19:40:38.20:29N.121:99E,h33km,mb5.4,ML4.3,MS4.6
ISCJB 13 19:40:39.4.0.6.37:10N.29:37E,h7km,6km,MD2.7
Error ellipse: s-maj=2.9km s-min=4.8km az=19.7

JMA 13 19:40:40.2.0.3.20:46N.122:15E,h0km,MD3.8
ISC 13 19:40:40.1.1.0.20:20N.10:10.122:0E.0.3,h27km,2km,
n12,c0599/17,Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like BBP Basco, SGCP M. Cagua, APYP Conner, etc.

NEIC 13 19:50:22.5.16:65N.97:58W,h41km,MD3.8(MEX),After MEX

MEX 13 19:50:22.5.0.8,16:65N.97:58W,h41km,16km,MD3.8, Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like PNIG Pinotepa, VHO Vista Hermosa, HUIG Huatulco, etc.

ISK 13 19:55:45.5.36:95N.29:17E,h4km,MD2.7
DDA 13 19:55:46.0.37:10N.29:37E,h7km,6km,MD2.7

ISCJB 13 19:55:46.2.0.6.36:94N.0:04.29:15E,0.05,h10km,Error ellipse: s-maj=6.3km s-min=5.0km az=26.6

CSEM 13 19:55:46.0.0.2.36:97N.29:16E,h2km,MD2.7,Error ellipse: s-maj=4.2km s-min=3.7km az=136.0

ISC 13 19:55:46.4.0.6.36:95N.0:04.29:15E,0.05,h5km,9km,n22,c0581/31,Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like FETY Fethiye, GLHS Gihisar, TURN Turunc, etc.

ISCJB 13 20:00:39.5.0.7.15:57N.0:07.145:2E,0.1,h283km,7km,mb3.8/26,Error ellipse: s-maj=17.7km s-min=10.9km az=177.3

IDC 13 20:00:40.0.0.7.15:59N.145:31E,h271km,7km,mb3.5/19,mb1.3/6.21,mb1mx3.6/28,mbmp3.6/21,Error ellipse: s-maj=14.8km s-min=9.4km az=90.0

NEIC 13 20:00:40.4.0.9.15:61N.145:25E,h278km,10km,mb4.2/6,Error ellipse: s-maj=14.0km s-min=10.4km az=92.0

ISC 13 20:00:40.3.0.7.15:58N.0:07.145:3E,0.1,h275km,7km,n32,c0584/33,mb3.8/26,Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like GUMO Guam, CBUJ Chichi jima, JOW Kunigami, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like MKAR Makanchi Array, KDAK Kodiak Island, PAX Paxon, etc.

NEIC 13 20:00:49.6.67:71N.166:99W,h6km,ML3.5(AEIC),After AEIC

ISCJB 13 20:00:50.9.0.7.67:63N.0:06.166:5W,0.1,h10km,mb3.4/7,Error ellipse: s-maj=10.2km s-min=5.7km az=142.1

IDC 13 20:00:51.9.1.3.67:75N.166:52W,h0km,mb3.4/7,mb1.3/8.8,mb1mx3.5/26,mbmp3.5/8,ML3.8/1,Error ellipse: s-maj=36.3km s-min=22.1km az=15.0

ISC 13 20:00:52.5.0.7.67:64N.0:06.166:7W,0.1,h10km,n23,c0591/23,mb3.4/7,Bering Strait

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like TNA Tin City, GAMB Gambell, GCSA Galena City Sc, etc.

ISCJB 13 20:04:05.7.0.6.36:94N.0:04.29:21E,0.04,h4km,7km,Error ellipse: s-maj=7.4km s-min=5.0km az=155.6

ISC 13 20:04:05.5.36:95N.29:23E,h7km,MD3.1,CSEM 13 20:04:06.1.0.1.36:94N.29:22E,h8km,MD3.1,Error ellipse: s-maj=2.2km s-min=1.6km az=162.0

DDA 13 20:04:07.6.37:02N.29:24E,h7km,2km,MD3.0,ISC 13 20:04:06.2.0.6.36:95N.0:04.29:21E,0.04,h6km,6km,n39,c0545/44,Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like GLHS Gihisar, FETY Fethiye, TURN Turunc, etc.

ISC 13 20:10:22.3.37:72N.26:82E,h9km,MD3.0,ISCJB 13 20:10:23.1.0.7.37:73N.0:03.26:91E,0.06,h2km,7km,Error ellipse: s-maj=8.7km s-min=4.4km az=156.3

CSEM 13 20:10:23.7.0.1.37:74N.26:94E,h5km,MD3.0,Error ellipse: s-maj=3.9km s-min=1.6km az=66.0

DDA 13 20:10:23.6.37:76N.26:98E,h6km,2km,MD3.0,ISC 13 20:10:23.8.0.7.37:73N.0:03.26:93E,0.06,h7km,6km,n30,c0561/42,Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like GCAM G?zelicami, GCAM G?zelicami, GCAM G?zelicami, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like URLA Izmir, URLA Izmir, URLA Izmir, etc.

NEIC 13 20:11:17.3.15:03N.94:59W,h20km,MD3.9(MEX),After MEX

MEX 13 20:11:17.3.1.4.15:03N.94:59W,h20km,65km,MD3.9, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like PCIG Huatulco, HUIG Huatulco, CMIG Matias Romero, etc.

TAP 13 20:12:08.7.24:58N.122:45E,h14km,1km,ML2.6,CJMA 13 20:12:08.3.0.1.24:67N.122:47E,h25km,2km,MD2.0,ISCJB 13 20:12:09.0.0.4.24:56N.0:06.122:48E,0.03,h23km,7km,Error ellipse: s-maj=9.7km s-min=3.9km az=9.8

ISC 13 20:12:08.7.0.5.36:95N.0:05.122:48E,0.02,h16km,4km,n17,c0560/31,Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like YOJYonaguni jima, TWC Suao, TWB1 Santiao Chiao, etc.

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like SDCO Great Sand Dun, ANMO Albuquerque, ANMO Albuquerque, etc.

ISCJB 13 22:48:58.4, 1.1, 38.19N, 0.05:26.62E, 0.07, h9km, 8km, Error ellipse: s-maj=10.2km s-min=7.5km az=150.7

CSEM 13 22:48:58.0, 0.3, 38.19N, 26.58E, h10km, MD2.7, Error ellipse: s-maj=6.1km s-min=4.4km az=91.0

DDA 13 22:48:58.5, 38.20N, 26.65E, h7km, 2km, MD2.7

ISK 13 22:48:59.6, 38.14N, 26.77E, h10km, MD2.8

ISC 13 22:48:59.5, 1.1, 38.20N, 26.65E, 0.08, h12km, 7km, n15, 0539/24, Aegean Sea

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like URLA Izmir, URLA Izmir, URLA Izmir, etc.

IDC 13 29:19.1, 2.5, 5.95S: 130.70E, h0km, mb3.5/1, mb1 3.5/3, mb1mx3 9.13, mbmtpx3.3, ML3.6/2, Error ellipse: s-maj=161.4km s-min=31.2km az=71.0, Banda Sea

WRA Warramunga Arr 14.35 166 Pn Pn 23 23 03.9 +0.3

WRA 0.4nm, 0.3s, baz=349, slow=13, SNR=5.6

ASAR Alice Springs 17.88 170 Pn Pn 23 23 49.4 0.0

MKAR Makarrarra Arr 17.42 326 Pn Pn 23 30 38.6 +0.1

ISCJB 13 23:29:49.3, 4.2, 13.44N, 0.05:44.91W, 0.02, h3km, 26km, mb4.9/193, MS4.0/39, Error ellipse: s-maj=8.9km s-min=3.2km az=173.1

MOS 13 23:29:50.5, 0.9, 13.45N, 44.89W, h10km, mb5, 1/75, MS4.0/1, Error ellipse: s-maj=6.3km s-min=4.3km az=51.0

IDC 13 23:29:50.2, 0.5, 13.42N, 44.93W, h0km, mb4/4/25, mb1 4.6/26, mb1mx4.6/26, mbmp4.4/26, ML4.2/1, MS3.9/22, Ms1 3.9/22, ms1mx3.8/27, Error ellipse: s-maj=14.3km s-min=11.0km az=143.0

BUI 13 23:29:51.1, 13.40N, 44.90W, h10km, mb5.4/6, Ms5.0/8, Ms7.4/7.8

NEIC 13 23:29:52.0, 0.2, 13.39N, 44.87W, h10km, mb5, 1/140, Error ellipse: s-maj=4.9km s-min=2.3km az=173.0

SZGRF 13 23:29:56.3, 13.10N, 44.00W, h21km, mb4.7, MS4.1, Northern Mid-Atlantic Ridge

ISC 13 23:29:52.4, 4.1, 13.42N, 0.05:44.90W, 0.02, h10km, 25km, h16km, 1.3km, p1.7, 329, 0564/70, mb4.9/193, MS4.0/39, 174C-166D, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like BBGH Gun Hill, PCVR Puerto La Cruz, SJG San Juan, etc.

Main table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like SDV comp=Z.277nm, 1.0s, mb4.7, baz=106, slow=6.1, SNR=17, SDV comp=Z.266nm, 20.0s, MS3.1, baz=47, slow=35, etc.

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like MTLF comp=Z.16nm, 1.2s, mb4.9, MTLF Montoleu, GRR Calvas, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes stations like ALE Alert, M07A Vester, VES Soldat, C08A Higginbotham, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes stations like GNI Garni, KMBO Kilima Mbogo, COLA College, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes stations like PRU Pruhonice, TREC Trest, OKC Ostrava-Krasne, etc.

ISCJB 14 00:33:51.8, 0.8, 39.09N, 0.05, 29.75E, 0.05, h10km, Error ellipse: s-maj=6.7km s-min=5.6km az=1.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GDZ Gediz, ALT Altintas, KHAL Karahalli, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DJA Sumatera, SISI Saibi, PPI Padang Panjang, etc.

SZGRF 14 00:57:59.5, 19.15S, 178.97W, h33km, Fiji Islands region VIE 14 00:58:55.6, 19.58S, 178.16W, h534km, mb3.6 352 km

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AFI Afiamalu, URZ Urewera, URZ Urewera, etc.

ISCJB 14 00:58:59.3, 1.1, 19.76S, 0.09, 177.19W, 0.09, h602km, 15km, mb4.1/19, Error ellipse: s-maj=16.8km s-min=9.5km az=140.5

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CTB Charters Tower, CTA Charters Tower, CMA Cobar Meteorol, etc.

ISC 13 23:57:07.0, 5.0, 50.47N, 0.03, 16.32E, 0.04, h10km, Error ellipse: s-maj=4.5km s-min=2.9km az=32.4

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DPC Dobruska-Polom, DPC Dobruska-Polom, DPC Dobruska-Polom, etc.

ISCJB 14 02:22:33.5:0.5,38.95S:0.03:175.95E:0.05,h130km,4km, Error ellipse: s-maj=6.7km s-min=4.3km az=33.3

WEL 14 02:22:36.5:0.2,38.88S:176.05E,h105km,ML,3/25, Error ellipse: s-maj=1.1km s-min=0.7km az=90.0

NEIC 14 02:22:36.0,38.87S:176.03E,h110km,MG4,(WEL), After WEL

ISC 14 02:22:34.5:0.5,38.94S:175.97E:0.05,h123km,4km, n131,e086/140,17C-13D, North Island

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like RITZ, HATZ, RATZ, etc.

Main table with columns: WEL, Wellington, 2.52 201, Pn, Pn, 02 23 14.8 +0.2. Lists stations like WEL, MSWZ, SNZO, etc.

Table with columns: NVAR, Mina Array, 39.46 112, P, P, 02 59 24.5 +2.0. Lists stations like NVAR, FINES, TXAR, etc.

IDC 14 02:53:06.3:2.4,5.86S:129.94E,h0km,mb3.7/1, mb1 3.8/3,mb1mx3.5/14,mbtmp3.6/3,ML3.8/2, Error ellipse: s-maj=145.4km s-min=32.1km az=70.0, Banda Sea

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

NEIC 14 03:01:43.0,14.97N:93.28W,h13km,MD3.8(MEX), After MEX: MEX 14 03:01:43.0:1.4,14.97N:93.28W,h13km,20km,MD3.8, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like PCIG, THIG, etc.

MAN 14 02:28:16.7,17.93N:120.80E,h9km,mb4.1,ML2.8,MS2.5, 1C-1D, Luzon

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like ABRA, SIPP, etc.

ISCJB 14 02:36:11.8:3.7,13.36N:0.06:125.65E:0.08, h20km,27km,mb3.7/1, Error ellipse: s-maj=13.8km s-min=10.0km az=23.2

IDC 14 02:36:11.0:1.0,9.13N:125.45E,h0km,mb3.8/9, mb1 3.9/9,mb1mx3.7/19,mbtmp3.8/9, Error ellipse: s-maj=44.1km s-min=16.3km az=69.0

NEIC 14 02:36:12.2:0.7,13.25N:125.53E,h10km,mb4.1/1, Error ellipse: s-maj=38.2km s-min=10.3km az=64.0

MAN 14 02:36:15,13.48N:125.46E,h33km,mb5.3,ML4.2,MS4.5

ISC 14 02:36:14.2:3.9,13.35N:0.06:125.53E:0.08,h22km,29km, n16,e116/19,mb3.7/11,1C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like CNP, SIPP, etc.

NEIC 14 02:51:48.0,67.71N:166.93W,h3km,ML3.5(AEIC), After AEIC: ISCJB 14 02:51:50.9:0.6,67.49N:0.07:166.5W:0.1,h10km, mb3.5/10, Error ellipse: s-maj=10.0km s-min=7.6km az=20.3

IDC 14 02:51:52.1:1.4,67.64N:166.42W,h0km,mb3.5/10, mb1 3.8/11,mb1mx3.6/26,mbtmp3.5/11,ML3.6/1,MS3.2/1, MS1 3.2/1,mb1mx2.5/42, Error ellipse: s-maj=37.2km s-min=18.2km az=30.0

ISC 14 02:51:52.5:0.5,67.44N:0.05:166.8W:0.1,h10km,n23, s112/27,mb3.5/10, Bering Strait

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like TNA, GAMB, etc.

BUI 14 03:15:31.4,7.61S:129.47E,h150km,mb4.8/28,mb5.0/48

MOS 14 03:15:31.9,1.0,6.91S:129.10E,h104km,mb5.1/21, Error ellipse: s-maj=14.4km s-min=6.3km az=116.9

ISCJB 14 03:15:37.0:1.2,7.06S:0.03:129.23E:0.03,h157km, mb5.1/16, Error ellipse: s-maj=4.1km s-min=3.2km az=142.7

GCMT 14 03:15:38.2:0.2,7.13S:129.26E,h167km,2km,MW5.2/73, Moment Tensor Solution, s47.0611, s73.125, Duration: 1s0

MW:5.0; 18; Mw:6.0; 20; Mw:4.2; 18; Best double couple: Mw:8.8000; 1016 NP1:0.311,000000; s49.000000; A.180.000000; NP2: 0.41,000000; s90.000000; A.141.000000; Principal axes: T

8.2110, Plg28.0000; Azm274.0000; N -0.6510, Plg49.0000; Azm42.0000; P -7.5640, Plg27.0000; Azm168.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 14 03:15:38.2:0.8,7.04S:129.19E,h150km,8km,mb5.1/44 Error ellipse: s-maj=8.1km s-min=4.2km az=50.0

NEIC FELT [III] Darwin, Australia. Also felt in the Humpty Doo-MacMinnis Lagoon area.

IDC 14 03:15:40.3:0.7,7.01S:129.17E,h168km,5km,mb4.6/20, mb1 4.6/21,mb1mx4.6/22,mbtmp4.6/21,MS3.7/7, Ms1 3.7/7,ms1mx3.4/21, Error ellipse: s-maj=15.1km s-min=9.3km az=65.0

DJA 14 03:15:42,7.18S:129.27E,h180km,Mw5.4/40

ISC 14 03:15:39.2:0.2,7.09S:0.03:129.22E:0.03,h159km, h159km,2.9km;pP-P,n383,s1927/371,mb5.1/116,14C-14D, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like AAI, MSAI, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like TTSI, MRSI, SMPI, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like CTA, CTAO, LEM, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like CHG, CHTO, CHTO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Jim Creek, Rockport, Entiat, Bella Bella, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MS4.3/31, 8C-4D, Off coast of Oregon, etc.

NEIC 14 05:23:14.5: 1.4, 44:34N; 130:07W, h10km, mb3.9/7, Error ellipse: s-maj=11.2km az=61.0

ISCJB 14 05:23:16.0: 1.0, 44:49N; 0:08:129:7W:0.1, h10km, mb3.8/8, Error ellipse: s-maj=14.4km s-min=10.2km az=135.9

IDC 14 05:23:15.6: 1.3, 44:34N; 129:35W, h0km, mb3.8/7, mb1 3.9/9, mb1mx3.7/26, mbtmp3.7/9, ML3.1/3, Error ellipse: s-maj=35.0km s-min=16.2km az=42.0

ISC 14 05:23:17.1: 1.0, 44:41N; 0:09:129:8W:0.1, h10km, n34, r13134, mb3.8/8, Off coast of Oregon

SZGRF 14 05:38:27.4: 2:42:93N; 130:94W, h33km, mb4.7, MS4.7, Off coast of Oregon, United States

IDC 14 05:38:28.0: 4.7, 44:24N; 129:28W, h0km, mb4.5/19, mb1 4.5/23, mb1mx4.4/31, mbtmp4.4/23, ML3.5/4, MS4.2/25, Ms1 4.2/25, ms1mx4.2/30, Error ellipse: s-maj=21.9km s-min=10.8km az=33.0

BUI 14 05:38:30.3: 44:30N; 129:50W, h10km, mb5.1/19, mb4.9/24, Ms5.2/14, Ms7.4/714

ISCJB 14 05:38:31.5: 0.2, 44:36N; 0:03:129:36W:0.03, h10km, mb4.8/108, MS4.3/31, Error ellipse: s-maj=5.3km s-min=2.7km az=23.7

GCMT 14 05:39:22.4: 0.2, 44:07N; 129:44W, h12km, MW5.1/83, Moment tensor Solution, s43.c55: s83.144: Duration: 0.15s; nst1 refers to body waves, cutoff=0.0s

Mw0.1: 26t.28; Mw0.3: 35t.08; Mw0.5: 41t.30; Mw0.7: 46t.08; Mw1.0: 53t.00; Mw1.5: 60t.00; Mw2.0: 68t.00; Mw2.5: 76t.00; Mw3.0: 84t.00; Mw3.5: 92t.00; Mw4.0: 100t.00; Mw4.5: 108t.00; Mw5.0: 116t.00; Mw5.5: 124t.00; Mw6.0: 132t.00; Mw6.5: 140t.00; Mw7.0: 148t.00; Mw7.5: 156t.00; Mw8.0: 164t.00; Mw8.5: 172t.00; Mw9.0: 180t.00; Mw9.5: 188t.00; Mw10.0: 196t.00; Mw10.5: 204t.00; Mw11.0: 212t.00; Mw11.5: 220t.00; Mw12.0: 228t.00; Mw12.5: 236t.00; Mw13.0: 244t.00; Mw13.5: 252t.00; Mw14.0: 260t.00; Mw14.5: 268t.00; Mw15.0: 276t.00; Mw15.5: 284t.00; Mw16.0: 292t.00; Mw16.5: 300t.00; Mw17.0: 308t.00; Mw17.5: 316t.00; Mw18.0: 324t.00; Mw18.5: 332t.00; Mw19.0: 340t.00; Mw19.5: 348t.00; Mw20.0: 356t.00; Mw20.5: 364t.00; Mw21.0: 372t.00; Mw21.5: 380t.00; Mw22.0: 388t.00; Mw22.5: 396t.00; Mw23.0: 404t.00; Mw23.5: 412t.00; Mw24.0: 420t.00; Mw24.5: 428t.00; Mw25.0: 436t.00; Mw25.5: 444t.00; Mw26.0: 452t.00; Mw26.5: 460t.00; Mw27.0: 468t.00; Mw27.5: 476t.00; Mw28.0: 484t.00; Mw28.5: 492t.00; Mw29.0: 500t.00; Mw29.5: 508t.00; Mw30.0: 516t.00; Mw30.5: 524t.00; Mw31.0: 532t.00; Mw31.5: 540t.00; Mw32.0: 548t.00; Mw32.5: 556t.00; Mw33.0: 564t.00; Mw33.5: 572t.00; Mw34.0: 580t.00; Mw34.5: 588t.00; Mw35.0: 596t.00; Mw35.5: 604t.00; Mw36.0: 612t.00; Mw36.5: 620t.00; Mw37.0: 628t.00; Mw37.5: 636t.00; Mw38.0: 644t.00; Mw38.5: 652t.00; Mw39.0: 660t.00; Mw39.5: 668t.00; Mw40.0: 676t.00; Mw40.5: 684t.00; Mw41.0: 692t.00; Mw41.5: 700t.00; Mw42.0: 708t.00; Mw42.5: 716t.00; Mw43.0: 724t.00; Mw43.5: 732t.00; Mw44.0: 740t.00; Mw44.5: 748t.00; Mw45.0: 756t.00; Mw45.5: 764t.00; Mw46.0: 772t.00; Mw46.5: 780t.00; Mw47.0: 788t.00; Mw47.5: 796t.00; Mw48.0: 804t.00; Mw48.5: 812t.00; Mw49.0: 820t.00; Mw49.5: 828t.00; Mw50.0: 836t.00; Mw50.5: 844t.00; Mw51.0: 852t.00; Mw51.5: 860t.00; Mw52.0: 868t.00; Mw52.5: 876t.00; Mw53.0: 884t.00; Mw53.5: 892t.00; Mw54.0: 900t.00; Mw54.5: 908t.00; Mw55.0: 916t.00; Mw55.5: 924t.00; Mw56.0: 932t.00; Mw56.5: 940t.00; Mw57.0: 948t.00; Mw57.5: 956t.00; Mw58.0: 964t.00; Mw58.5: 972t.00; 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14d 6h

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

ISCJB 14 05:39:56.4.0.7, 21.27S, 0.04.68.5W, 0.1, h132km, 9km, Error ellipse: s-maj=18.1km s-min=5.3km az=1.8

IDC 14 05:39:57.8.1.0, 21.21S, 68.31W, h118km, 11km, mb3.3/1, mb1 3.6/4, mb1mx3.3/16, mbtmp3.4/4, Error ellipse: s-maj=39.6km s-min=10.3km az=102.0

GUC 14 05:39:58.2.1.1, 21.29S, 68.54W, h120km, 12km, ML4.0

NEIC 14 05:39:58.2.21.29S, 68.54W, h120km, MG4.0(GUC), After GUC.

ISC 14 05:39:57.5.0.7, 21.27S, 0.04.68.5W, 0.1, h126km, 9km, n15, c196/24, 1C-2D, Chile-Bolivia border region

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

ARE 14 05:39:58.2.1.1, 21.29S, 68.54W, h120km, 12km, ML4.0

SIV San Ignacio 8.76 54 P P 05 41 58.4 -2.9

CFAA Coronel Fontan 1.45 21 P P 05 42 19.2 -2.6

CFAA Paso Flores 19.49 185 P P 05 44 15.2 +0.6

YKA Yellowknife Arr 91.10 340 P P 05 52 48.2 +0.9

MKAN Makanchi Array 145.21 36 PKPbc PKPbc 05 59 21.2 +1.3

ISCJB 14 05:43:15.8.0.5, 39.54N, 0.02, 28.70E, 0.05, h10km, Error ellipse: s-maj=5.5km s-min=3.4km az=10.1

200 APR

DDA 14 05:43:15.9, 39.52N, 28.72E, h7km, 5km, MD2.9
CSEM 14 05:43:16.0.0.2, 39.55N, 28.65E, h10km, MD2.9, Error ellipse: s-maj=5.9km s-min=3.1km az=102.0

ISK 14 05:43:16.1, 39.50N, 28.66E, h23km, MD2.6

ISC 14 05:43:16.3.0.5, 39.53N, 0.02, 28.75E, 0.06, h1km, 9km, n20, c054/34, Turkey

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

IDC 14 06:30:05.8.2.0, 22.78S, 147.85E, h0km, mb3.6/2, mb1 3.9/6, mb1mx3.8/14, mbtmp3.7/6, ML3.8/4, Error ellipse: s-maj=24.0km s-min=18.0km az=83.0, Queensland

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

PGC 14 06:30:43.1.6.3, 62.38N, 141.35W, h25km, ML3.2/4, 210km southwest of Dawson, Yl Central Alaska

NEIC 14 06:30:40.8, 62.26N, 141.58W, h22km, ML2.9(AEIC), 5D, After AEIC, Central Alaska

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

ISCJB 14 06:34:55.6.1.2, 39.33N, 0.05, 33.28E, 0.04, h4km, 11km, Error ellipse: s-maj=9.0km s-min=5.0km az=165.0

ISK 14 06:34:55.1, 39.49N, 33.21E, h9km, MD3.1

CSEM 14 06:34:56.4.0.1, 39.42N, 33.19E, h10km, MD3.0, Error ellipse: s-maj=4.9km s-min=2.8km az=153.0

DDA 14 06:34:56.1, 39.35N, 33.19E, h7km, 2km, MD3.0

ISC 14 06:34:56.3.0.9, 39.33N, 0.06, 33.26E, 0.05, h9km, 8km, n29, c1912/39, Turkey

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

618

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

IDC 14 06:39:51.4.5.4, 44.29N, 129.66W, h0km, mb3.3/3, mb1 3.6/6, mb1mx3.4/26, mbtmp3.2/6, ML3.3/3, Ms1 3.3/5, ms1mx3.0/18, Error ellipse: s-maj=87.9km s-min=29.1km az=67.0

NEIC 14 06:39:52.2.2.4, 44.44N, 129.99W, h10km, mb4.3/6, Error ellipse: s-maj=28.5km s-min=13.8km az=77.0

BUL 14 06:40:01.0, 44.68N, 129.87W, h8km, mb5.0/6, mb5.0/9, DDA 14 06:40:01.0, 44.68N, 129.87W, h8km, mb5.0/6, mb5.0/9

ISC 14 06:39:55.9.1.5, 44.68N, 0.06, 129.7W, 0.2, h10km, n37, c112/36, mb3.8/2, MS3.4/2, Off coast of Oregon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Neilton Lookou, Yreka Blue Hor, etc.

ISCJB 14 06:48:14.7.1.5, 39.32N, 0.08, 33.17E, 0.09, h3km, 14km, Error ellipse: s-maj=16.6km s-min=5.8km az=137.2

CSEM 14 06:48:14.9.0.2, 39.34N, 33.16E, h2km, MD3.0, Error ellipse: s-maj=6.3km s-min=3.0km az=153.0

DDA 14 06:48:15.0, 39.44N, 32.93E, h7km, 6km, MD3.0

ISK 14 06:48:16.5, 39.43N, 33.05E, h21km, MD2.9

ISC 14 06:48:15.1.0.8, 39.33N, 0.05, 33.17E, 0.06, h2km, 8km, n12, c073/22, Turkey

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

ATH 14 06:58:44.3, 40.63N, 26.09E, h55km, 8km, MD3.4/6

SOF 14 06:58:46.7, 40.69N, 25.47E, h0km, MD3.0

CSEM 14 06:58:47.1, 40.70N, 25.80E, h5km, MD3.4, Error ellipse: s-maj=2.2km s-min=1.8km az=12.0

DDA 14 06:58:47.4, 40.69N, 25.68E, h7km, 3km, MD3.0

ISCJB 14 06:58:47.0.5, 40.69N, 0.02, 25.63E, 0.02, h7km, 4km, Error ellipse: s-maj=3.2km s-min=2.7km az=35.3

THE 14 06:58:47.5, 40.69N, 25.62E, h7km, 1km, ML3.7/6, Error ellipse: s-maj=1.7km s-min=0.8km az=72.0

NEIC 14 06:58:49.0, 40.68N, 25.65E, h10km, MD3.5(ISK), ML3.0(ATH), After ATH.

ISC 14 06:58:47.5.0.4, 40.70N, 0.02, 25.62E, 0.02, h7km, 3km, n157, c099/191, 3C-5D, Aegean Sea

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

RDO	Gvkggeada	0.55 157	ePG	Sg	06 59 02.1 -0.2
GADA	Gvkggeada	0.55 157	ePG	Sg	06 58 58.2 +0.1
GADA	Gvkggeada	0.55 157	ePG	Sg	06 59 06.2 +1.0
GADA	Gvkggeada	0.55 157	ePG	Sg	06 58 58.2 +1.1
GADA	Gvkggeada	0.55 157	ePG	Sg	06 59 06.2 +1.0
LIA	Limnos Island	0.86 203	eS	Pg	06 59 16.3 +1.0
LIA	Limnos Island	0.86 203	eS	Pg	06 59 04.8 +0.7
LIA	Limnos Island	0.86 203	eS	Pg	06 59 03.8 -0.3
LIA	Limnos Island	0.86 203	eS	Pg	06 59 16.2 +0.9
LIA	Limnos Island	0.86 203	eS	Pg	06 59 03.9 -0.2
LOS	Limnos	0.87 209	eS	Pg	06 59 03.5 -0.6
LOS	Limnos	0.87 209	eS	Pg	06 59 16.2 +0.8
LOS	Limnos	0.87 209	eS	Pg	06 59 03.5 -0.6
LOS	Limnos	0.87 209	eS	Pg	06 59 16.2 +0.8
BOZC	Bozcaada	0.91 159	eS	Sg	06 59 05.0 0.0
BOZC	Bozcaada	0.91 159	eS	Sg	06 59 17.2 +0.3
LPK	Lapseki	0.92 110	ePG	Pg	06 59 05.0 -0.3
LPK	Lapseki	0.92 110	ePG	Pg	06 59 05.0 -0.3
KDZ	Kurdzhali	0.97 351	eS	Pg	06 59 05.4 -0.7
KDZ	Kurdzhali	0.97 351	eS	Pg	06 59 05.4 -0.7
KDZ	Kurdzhali	0.97 351	eS	Pg	06 59 05.4 -0.7
EZN	Ezine	1.02 148	ePG	Pg	06 59 06.7 -0.4
EZN	Ezine	1.02 148	ePG	Pg	06 59 06.7 -0.4
RKY	Sarkoy-Tekirda	1.18 90	ePN	Pn	06 59 09.7 -0.8
RKY	Sarkoy-Tekirda	1.18 90	ePN	Pn	06 59 09.7 -0.8
SART	Tekirdag	1.18 90	iS	Sg	06 59 09.5 -1.0
SART	Tekirdag	1.18 90	iS	Sg	06 59 25.4 -0.2
RZN	Rozhen	1.21 326	eS	Pg	06 59 10.1 -0.7
RZN	Rozhen	1.21 326	eS	Pg	06 59 10.1 -0.7
RZN	Rozhen	1.21 326	eS	Pg	06 59 10.1 -0.7
OUR	Ouranopolis	1.30 254	eS	Pg	06 59 10.7 -1.4
OUR	Ouranopolis	1.30 254	eS	Pg	06 59 10.7 -1.4
EDRB	Edirne	1.43 36	ePN	Pn	06 59 13.0 -0.8
EDRB	Edirne	1.43 36	ePN	Pn	06 59 13.0 -0.8
TKR	Tekirdag	1.48 78	ePN	Pn	06 59 14.1 -0.5
TKR	Tekirdag	1.48 78	ePN	Pn	06 59 14.1 -0.5
NVR	Neurokopi	1.48 297	eS	Sb	06 59 14.1 -0.5
NVR	Neurokopi	1.48 297	eS	Sb	06 59 14.1 -0.5
NVR	Neurokopi	1.48 297	eS	Sb	06 59 14.1 -0.5
NVR	Neurokopi	1.48 297	eS	Sb	06 59 14.1 -0.5
SIGR	SIGRI	1.49 173	eS	Sg	06 59 14.4 -0.3
SIGR	SIGRI	1.49 173	eS	Sg	06 59 14.4 -0.3
SIGR	SIGRI	1.49 173	eS	Sg	06 59 14.4 -0.3
PRK	Paraskevi	1.53 161	eS	Sg	06 59 07.7 -7.6
PRK	Paraskevi	1.53 161	eS	Sg	06 59 16.8 +1.5
PRK	Paraskevi	1.53 161	eS	Sg	06 59 16.8 +1.5
PRK	Paraskevi	1.53 161	eS	Sg	06 59 35.1 -0.3
PRK	Paraskevi	1.53 161	eS	Sg	06 59 15.0 -0.3
PRK	Paraskevi	1.53 161	eS	Sg	06 59 35.1 -0.3
SRS	Serrai	1.60 286	eS	Sg	06 59 15.1 -1.1
SRS	Serrai	1.60 286	eS	Sg	06 59 38.1 +1.1
SRS	Serrai	1.60 286	eS	Sg	06 59 15.1 -1.1
AYVA	Ayvalik	1.61 149	iS	Sg	06 59 16.3 -0.1
AYVA	Ayvalik	1.61 149	iS	Sg	06 59 16.3 -0.1
AYVA	Ayvalik	1.61 149	iS	Sg	06 59 16.3 -0.1
PAIG	Paliouri	1.67 243	eS	Sg	06 59 15.6 -1.6
PAIG	Paliouri	1.67 243	eS	Sg	06 59 15.6 -1.6
PAIG	Paliouri	1.67 243	eS	Sg	06 59 15.6 -1.6
MMB	Musomiste	1.69 303	eS	Sg	06 59 16.7 -0.8
MMB	Musomiste	1.69 303	eS	Sg	06 59 16.7 -0.8
MMB	Musomiste	1.69 303	eS	Sg	06 59 16.7 -0.8
PLG	Polygyros	1.69 260	eS	Sg	06 59 16.7 -0.8
PLG	Polygyros	1.69 260	eS	Sg	06 59 42.1 +2.7
PLG	Polygyros	1.69 260	eS	Sg	06 59 17.9 +0.4
PLG	Polygyros	1.69 260	eS	Sg	06 59 16.6 -0.9
PLG	Polygyros	1.69 260	eS	Sg	06 59 17.9 +0.4
SOH	Sokhos	1.73 275	ePN	Pn	06 59 19.2 +1.2
SOH	Sokhos	1.73 275	ePN	Pn	06 59 19.2 +1.2
EDC	Edincik	1.74 101	ePN	Pn	06 59 17.9 -0.3
EDC	Edincik	1.74 101	ePN	Pn	06 59 17.9 -0.3
BNT	Bandırma	1.78 100	ePN	Pn	06 59 18.1 -0.7
BNT	Bandırma	1.78 100	ePN	Pn	06 59 18.1 -0.7
BALY	Balya	1.80 121	iS	Sg	06 59 19.0 0.0
BALY	Balya	1.80 121	iS	Sg	06 59 44.5 +2.4
BALY	Balya	1.80 121	iS	Sg	06 59 19.0 0.0
JMB	Yambol	1.91 22	eS	Pg	06 59 23.4 +2.9
JMB	Yambol	1.91 22	eS	Pg	06 59 20.6 +0.1
JMB	Yambol	1.91 22	eS	Pg	06 59 23.4 +2.9
JMB	Yambol	1.91 22	eS	Pg	06 59 20.6 +0.1
HORT	Horiatits	1.92 268	ePN	Pn	06 59 19.8 -0.9
HORT	Horiatits	1.92 268	ePN	Pn	06 59 19.8 -0.9
BALB	Balkesir	2.02 121	ePN	Pn	06 59 22.1 0.0
BALB	Balkesir	2.02 121	ePN	Pn	06 59 22.1 0.0
AOS	Alonnisos	2.03 222	eS	Pg	06 59 20.5 -1.6
AOS	Alonnisos	2.03 222	eS	Pg	06 59 20.5 -1.6
SLVT	Silivri	2.03 74	ePN	Pn	06 59 22.0 -0.1
SLVT	Silivri	2.03 74	ePN	Pn	06 59 22.0 -0.1
KNT	Kendrikon	2.12 284	eS	Pg	06 59 22.9 -0.4
KNT	Kendrikon	2.12 284	eS	Pg	06 59 22.9 -0.4
KCT	Karacabey	2.13 101	ePN	Pn	06 59 23.0 -0.5
KCT	Karacabey	2.13 101	ePN	Pn	06 59 23.0 -0.5
CTYL	Yal??k??-??at	2.16 68	ePN	Pn	06 59 23.9 0.0
CTYL	Yal??k??-??at	2.16 68	ePN	Pn	06 59 23.9 0.0
ELBA	Catalca	2.17 77	iS	Sg	06 59 23.1 -1.0
ELBA	Catalca	2.17 77	iS	Sg	06 59 23.1 -1.0
ELBA	Catalca	2.17 77	iS	Sg	06 59 23.1 -1.0
ELBA	Catalca	2.17 77	iS	Sg	06 59 23.1 -1.0
ELBA	Catalca	2.17 77	iS	Sg	06 59 23.1 -1.0
AKHS	Krupnik	2.24 302	eS	Pg	06 59 24.9 -0.2
AKHS	Krupnik	2.24 302	eS	Pg	06 59 24.9 -0.2
AKHS	Krupnik	2.24 302	eS	Pg	06 59 24.9 -0.2
VAY	Valandovo	2.39 286	eS	Pg	06 59 27.8 +0.1
VAY	Valandovo	2.39 286	eS	Pg	06 59 27.8 +0.1
VAY	Valandovo	2.39 286	eS	Pg	06 59 27.8 +0.1
VAY	Valandovo	2.39 286	eS	Pg	06 59 27.8 +0.1
BGKT	Bogazkoy	2.44 77	ePN	Pn	06 59 27.4 -0.4
BGKT	Bogazkoy	2.44 77	ePN	Pn	06 59 27.4 -0.4
DURS	Dursunbey	2.44 116	iS	Sg	06 59 27.7 -0.6
DURS	Dursunbey	2.44 116	iS	Sg	06 59 27.7 -0.6
AKHS	Akhisar	2.48 136	iS	Sg	06 59 32.9 -2.6
AKHS	Akhisar	2.48 136	iS	Sg	06 59 27.7 -0.6
AKS	Akhisar	2.48 136	ePN	Pn	06 59 28.5 +0.2
AKS	Akhisar	2.48 136	ePN	Pn	06 59 28.5 +0.2
PVL	Pavlikeni	2.53 355	eS	Pg	06 59 34.0 +5.0
PVL	Pavlikeni	2.53 355	eS	Pg	06 59 34.0 +5.0
BLCB	Balçova	2.55 154	ePN	Pn	06 59 29.7 +0.4
BLCB	Balçova	2.55 154	ePN	Pn	06 59 29.7 +0.4
IZM	Izmir	2.62 317	eS	Pg	06 59 30.6 +0.4
IZM	Izmir	2.62 317	eS	Pg	06 59 30.6 +0.4
VTS	Vitoshia	2.62 317	eS	Pg	06 59 33.6 +3.3
VTS	Vitoshia	2.62 317	eS	Pg	06 59 33.6 +3.3
VTS	Vitoshia	2.62 317	eS	Pg	06 59 33.6 +3.3
ISK	Istanbul-Kandi	2.63 81	ePN	Pn	06 59 30.8 +0.2
ISK	Istanbul-Kandi	2.63 81	ePN	Pn	06 59 30.8 +0.2
KLYT	Kilyos	2.65 77	ePN	Pn	06 59 30.8 +0.2
KLYT	Kilyos	2.65 77	ePN	Pn	06 59 30.8 +0.2
GEMT	Gemlik	2.73 94	ePN	Pn	06 59 32.0 +0.3
GEMT	Gemlik	2.73 94	ePN	Pn	06 59 32.0 +0.3
MPEP	Mio Peshtere	3.01 333	eS	Pg	06 59 37.4 +1.7
MPEP	Mio Peshtere	3.01 333	eS	Pg	06 59 37.4 +1.7
AGG	Agios Georgios	3.04 238	eS	Pg	06 59 34.9 -1.1
AGG	Agios Georgios	3.04 238	eS	Pg	06 59 34.9 -1.1
SILT	Sile	3.08 80	ePN	Pn	06 59 37.1 +0.5
SILT	Sile	3.08 80	ePN	Pn	06 59 37.1 +0.5
SMT	Samos	3.15 162	eS	Pg	06 59 38.6 +1.4
SMT	Samos	3.15 162	eS	Pg	06 59 38.6 +1.4
ADVT	Abdulvahap	3.15 93	ePN	Pn	06 59 37.9 +0.4
ADVT	Abdulvahap	3.15 93	ePN	Pn	06 59 37.9 +0.4
MANV	Manisa	3.16 133	iS	Sg	06 59 38.0 +0.4
MANV	Manisa	3.16 133	iS	Sg	06 59 38.0 +0.4
KULA	Kula-Manisa	3.20 132	ePN	Pn	06 59 38.9 +0.7
KULA	Kula-Manisa	3.20 132	ePN	Pn	06 59 38.9 +0.7
KRUS	Krusevo	3.38 283	ePN	Pn	06 59 40.4 -0.3
KRUS	Krusevo	3.38 283	ePN	Pn	06 59 40.4 -0.3
GULT	Gulveren	3.73 92	ePN	Pn	06 59 46.0 +0.4
GULT	Gulveren	3.73 92	ePN	Pn	06 59 46.0 +0.4
KHAL	Karahalli	3.79 127	iP	Pn	06 59 46.7 +0.4

KHAL	Karahalli	3.79 127	iP	Pn	06 59 46.7 +0.4
ALT	Altintas	3.82 114	ePN	Pn	06 59 47.4 +0.6
ALT	Altintas	3.82 114	ePN	Pn	06 59 47.4 +0.6
KHL	Karahalli	3.83 127	ePN	Pn	06 59 47.9 +0.9
KHL	Karahalli	3.83 127	ePN	Pn	06 59 47.9 +0.9
ESKT	Eskisehir	4.18 105	iP	Pn	06 59 51.9 +0.3
ESKT	Eskisehir	4.18 105	iP	Pn	06 59 51.9 +0.3
SEYT	Esikpeyher	4.18 105	iP	Pn	06 59 51.9 +0.3
SEYT	Esikpeyher	4.18 105	iP	Pn	06 59 51.9 +0.3
SVRH	Sivrihisar-ESK	4.69 103	ePN	Pn	06 59 52.2 +0.6
SVRH	Sivrihisar-ESK	4.69 103	ePN	Pn	06 59 52.2 +0.6
VOIR	Muntele Rosu	4.76 355	iP	Pn	06 59 07.0 -2.6
VOIR	Muntele Rosu	4.76 355	iP	Pn	06 59 07.0 -2.6
MLR	Muntele Rosu	4.80 311	eS	Pg	06 59 52.2 +0.6
MLR	Muntele Rosu	4.80 311	eS	Pg	06 59 52.2 +0.6
KIZT	Kizilcal	5.15 109	ePN	Pn	06 59 52.2 +0.6
KIZT	Kizilcal	5.15 109	ePN	Pn	06 59 52.2 +0.6
VRI	Vrincioiaia	5.23 81	iP	Pn	06 59 07.0 -2.6
VRI	Vrincioiaia	5.23 81	iP	Pn	06 59 07.0 -2.6
BZS	Buzias	5.72 331	iP	Pn	06 59 07.0 -2.6
BZS	Buzias	5.72 331	iP	Pn	06 59 07.0 -2.6

ISC 14 07:08:44.4:1.8, 17:49S-177:61W, h0km, mb3.9/5, mb1 4.2/5, mb1mx3.9/16, mbtmp3.9/5, Error ellipse: s-maj=160.3km s-min=24.4km az=153.0, Fiji Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res
STKA	Stephens Creek	39.50 241	P	07 16 17.8 +0.8
WRA	Warramunga Arr	45.46 259	P	07 17 05.3 -0.3
ASAR	Alma Springs	45.64 254	P	07 17 06.5 -0.5
NVAR	Mina Array Bea	75.59 44	P	07 20 49.5 +1.4
TXAR	Lajitas Array	85.13 57	P	07 21 22.0 -0.8

TRN 14 07:14:09.3, 15:79N-61:61W, h22km, MD3.7, M2.9(FDF)
 ISC 14 07:14:09.5:0.9, 15:79N-61:64W, h0km, mb3.7/4, mb1 3.9/5, mb1mx3.6/23, mbtmp3.6/5, ML3.0/1, M3.3/2, Ms1 3.9/2, ms1mx2.9/43, Error ellipse: s-maj=13.7km s-min=9.5km az=119.0

NEIC 14 07:14:10.9, 15:79N-61:55W, h35km, MD3.7(TRN), After TRN.
 ISC/CJB 14 07:14:11.7:0.3, 15:80N-0:03-61:62W, h0.2, h26km, 3km, mb3.7/4, MS4.0/2, Error ellipse: s-maj=11.5km s-min=2.7km az=158.3

ISC 14 07:14:18.0-0.3, 15:81N-0:03-61:60W, h18km, 3km, h144, 0:096/68, mb3.7/4, MS4.0/2, 4C-3D, Leeward Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	
TBG	Guadeloupe-3	0.06 315	iP	Pg	07 14 13.6 -1.6
HMG	Houelmont	0.20 331	eP	Pg	07 14 16.1 -0.7
PHG	Guadeloupe-2	0.21 349	iP	Pg	07 14 16.5 -0.4
DOG	Dongo Capester	0.22 356	iP	Pg	07 14 16.7 -0.5
SCG	Saint Claude	0.23 340	iP	Pg	07 14 16.8 -0.5
BGC	Bois Riant Cap	0.28 356	eP	Pg	07 14 17.5 -0.5
MCG					

Table with columns: PPT, Papeete, comp-Z, 91.77 234 eS, S, 10 08 57.4 -5.9, MTE, ASAR, EIDS, Alice Springs, 99.11 163 eP, P, 10 02 35.9 -2.2, etc.

Table with columns: MTE, ASAR, EIDS, Alice Springs, 99.11 163 eP, P, 10 02 35.9 -2.2, LJS, Liberty Hill, 100.72 318 eP, P, 10 02 45.6 +1.2, etc.

Table with columns: LJS, Liberty Hill, 100.72 318 eP, P, 10 02 45.6 +1.2, ABTA, Abfallersbach, 107.97 28 P, P, 10 02 46.9 -0.3, etc.

14d 9h

Table with columns for station name, frequency, power, and other technical details. Includes stations like KKR Kurukshetra, SDKM Sandakan, OBN Obninsk, etc.

2008 APR

Table with columns for station name, frequency, power, and other technical details. Includes stations like SHL Shillong, WRD Warden, JMJC Jordan, etc.

626

Table with columns for station name, frequency, power, and other technical details. Includes stations like SVE Sverdlovsk, BOLP Bolina, SOKR Solikamsk, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ASAJ, CTA, CTAO, WHN, WRAB, WRAM, WRA, MDJ, KSM, FITZ, CN2, ENH, ASAR, HABR, BJI, GYA, EIDS, XAN, KMI, PAX, BRVK, CD2, PETK, ARMA, LZH, and NLWA.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KULM, CMAR, STKA, FORT, PSI, SONM, GTA, NARROGIN, KAN, DMN, GKN, WMQ, BILBINO, DANN, KOLN, ZALV, ZALV, PALK, HYB, NVS, KURK, KADK, RSO, AAK, PPLA, PMR, COLD, DIV, BVAR, PAX, BRVK, MENT, EGAK, DAW, HYT, INK, INK, SVE, ABKAR, ARU, DLBC, AKTK, AKTO, BBB, and NLWA.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like E03A, A05A, JCW, F04A, D05A, G04A, RPW, B06A, H04A, YBH, YKA, A07A, ALE, D06A, E06A, B07A, ETW, C07A, G06A, D07A, B08A, E07A, H06A, K05A, C08A, A09A, D08A, OD2, RES, RES, B09A, C09A, I07A, G08A, F08A, APA, D09A, A10A, BEKR, E09A, H08A, N06A, C10A, L07A, CMB, CMB, D10A, M07A, J08A, G09A, WCN, B11A, PAHR, F10A, J09A, I09A, L08A, BMO, BMO, G10A, A12A, J09A, D11A, B12A, EDM, SMMC, E11A, H10A, ARCES, F11A, PKM, I10A, G11A, D12A, E12A, A13A, K10A, BSM, NVAR, YES, H11A, B13A, C13A, and F12A.

I11A	baz=89 Placerville	88.88	45	↑P	P	10 24 18.0	-0.4
ARVC	baz=89,SNR=12 Arvin	88.98	54	↑P	P	10 24 19.2	+0.2
TIN	baz=89 Tinemaha	88.98	52	↑P	P	10 24 19.2	+0.2
D13A	baz=89 Huson	89.00	42	↑P	P	10 24 18.9	0.0
L10A	baz=89,SNR=12 Juniper Basin	89.01	47	↑P	P	10 24 19.2	+0.2
M10A	baz=89 L.L. Ranch, Tu	89.10	48	↑P	P	10 24 19.5	0.0
MFID	baz=89 Camas Ranch	89.10	46	↑P	P	10 24 19.5	+0.1
A14A	baz=89,SNR=15 Double T Ranch	89.12	40	↑P	P	10 24 19.6	+0.3
ISA	baz=89 Isabella	89.13	54	↑P	P	10 24 19.3	-0.5
ISA	baz=89 Isabella	89.13	54	↑P	P	10 24 19.8	+0.1
K11A	baz=89 Parker Ranch,	89.13	46	↑P	P	10 24 19.3	-0.3
JOF	baz=89 Joensuu	89.21	335	ep	P	10 24 17.1	-2.4
C14A	comp=Z,4.5nm,0.6s,mb5.0 Swan Lake	89.27	41	↑P	P	10 24 19.7	-0.4
O10A	baz=89 Cortez Mining,	89.46	49	↑P	P	10 24 20.7	-0.5
H12A	baz=89 Diamond D Ranc	89.46	45	↑P	P	10 24 20.9	-0.2
F13A	baz=89 Darby	89.46	43	↑P	P	10 24 20.5	-0.6
I12A	baz=89 Atlanta	89.48	45	↑P	P	10 24 21.1	-0.1
L11A	baz=89,SNR=7.9 Cat Creek Ranc	89.50	47	↑P	P	10 24 21.6	+0.3
A15A	baz=89 Johnson Ranch,	89.55	40	↑P	P	10 24 21.4	0.0
VORD	comp=Z,7.0nm,0.7s,mb5.1 Divnogorie	89.66	322	ep	Pmax	10 24 19.7	-2.2
VORD	comp=N,10.0nm,0.9s Divnogorie				Pmax		
VORD	comp=E,10.0nm,0.7s Divnogorie				Pmax		
J12A	baz=89,SNR=5.7 Stokes Ranch,	89.66	46	↑P	P	10 24 22.0	-0.1
P10A	baz=89 Eureka	89.66	50	↑P	P	10 24 22.1	0.0
M11A	baz=89 Holland Ranch,	89.67	48	↑P	P	10 24 21.8	-0.4
EDW2	baz=89 Edwards Air Fo	89.70	54	↑P	P	10 24 22.0	-0.5
G13A	baz=89,SNR=11 Cobalt	89.73	44	↑P	P	10 24 21.9	-0.5
OBN	baz=89 Obninsk	89.79	327	↑P	P	10 24 20.7	-1.7
OBN	comp=Z,4.9nm,1.7s,mb5.6 Obninsk				ePS	10 27 57.4	
OBN					Pmax	10 36 20.8	0.0
LRMC	baz=90 Laurel Mountai	89.79	54	↑P	P	10 24 22.9	0.0
MPMC	baz=90,SNR=19 Manual Prosep	89.80	53	↑P	P	10 24 23.0	+0.1
MWC	baz=90 Mount Wilson	89.81	55	ep	P	10 24 23.7	+0.7
E14A	baz=90 Clinton	89.84	42	↑P	P	10 24 22.3	-0.6
B15A	baz=90 Bradley Ranch,	89.86	40	↑P	P	10 24 22.6	-0.3
H13A	baz=90 Challis	89.87	44	↑P	P	10 24 22.9	-0.1
N11A	baz=90 Elko Archery C	89.88	48	↑P	P	10 24 22.9	-0.3
Q10A	baz=90 Clear Creek Ra	89.92	50	↑P	P	10 24 22.8	-0.6
K12A	baz=90 Draper Farm, C	89.97	46	↑P	P	10 24 23.5	0.0
C15A	baz=90 Salmond Ranch,	90.00	41	↑P	P	10 24 23.5	0.0
S10A	baz=90,SNR=16 Tonopah Range,	90.01	51	↑P	P	10 24 23.9	+0.1
L12A	baz=90 House Creek Ra	90.03	47	↑P	P	10 24 23.6	-0.3
HLID	baz=90,SNR=12 Hailey	90.05	45	↑P	P	10 24 24.1	+0.2
F14A	baz=90 Wisdom	90.10	43	↑P	P	10 24 23.7	-0.3
O11A	baz=90 Cowboy Ranch,	90.12	49	↑P	P	10 24 24.3	0.0
BFSC	baz=90 Mount Baldy St	90.13	55	↑P	P	10 24 24.5	0.0
R10A	baz=90 Warm Springs	90.14	51	↑P	P	10 24 24.4	0.0
I13A	baz=90 Wildhorse Cree	90.15	45	↑P	P	10 24 24.1	-0.2
FURC	baz=90 Furnace Creek,	90.19	53	↑P	P	10 24 24.7	0.0
P11A	baz=90 Circle Ranch,	90.21	50	↑P	P	10 24 24.4	-0.3
J13A	baz=90 Cove Ranch, Pi	90.27	45	↑P	P	10 24 25.4	+0.5
A16A	baz=90,SNR=5.1 West Butte Ran	90.27	40	↑P	P	10 24 24.8	0.0
M12A	baz=90 Wells	90.31	48	↑P	P	10 24 25.1	0.0
N12A	baz=90 Clover Valley,	90.38	48	↑P	P	10 24 25.4	0.0
N12A	baz=90 Clover Valley,	90.38	48	ep	P	10 24 26.3	+0.9
E15A	baz=90 Deer Lodge	90.40	42	↑P	P	10 24 25.2	-0.2
H14A	baz=90 Leadore	90.46	44	↑P	P	10 24 25.6	-0.2
Q11A	baz=90 Duckwater	90.48	50	↑P	P	10 24 25.7	-0.3
GSC	baz=90 Goldstone	90.54	54	↑P	P	10 24 26.4	0.0
C16A	baz=90 Fuhringer Ranc	90.54	41	↑P	P	10 24 26.0	-0.1
K13A	baz=90 Stover Farm, H	90.55	46	↑P	P	10 24 25.8	-0.4
I14A	baz=90 Mackay	90.61	45	↑P	P	10 24 26.5	0.0
U10A	baz=90,SNR=9.0 Ash Meadows, A	90.61	53	↑P	P	10 24 26.9	+0.3
MURC	baz=91 Murieta	90.66	56	↑P	P	10 24 26.6	-0.4
R11A	baz=91 Troy Canyon, C	90.66	51	↑P	P	10 24 26.8	-0.1
F15A	baz=91 Butte	90.67	43	↑P	P	10 24 26.7	-0.1
LRM	baz=91 Limekiln Ridge	90.71	43	ep	P	10 24 27.2	+0.3
BBRC	baz=91 Big Bear Sol-O	90.72	55	↑P	P	10 24 26.7	-0.5
S11A	baz=91 Rachel	90.73	51	↑P	P	10 24 27.1	-0.1
J14A	baz=91 Carey	90.74	45	↑P	P	10 24 27.0	-0.1
O12A	baz=91 Currie	90.75	49	↑P	P	10 24 26.9	-0.3
SHOC	baz=91 Shoshone	90.79	53	↑P	P	10 24 27.5	0.0
L13A	baz=91 Double Diamond	90.81	47	↑P	P	10 24 27.4	0.0
A17A	baz=91 Triple J Farms	90.83	39	↑P	P	10 24 27.7	+0.3
P12A	baz=91 McGill	90.86	49	↑P	P	10 24 27.8	+0.1
D16A	baz=91 Dana Ranch, Ca	90.92	41	↑P	P	10 24 28.1	+0.3
H15A	baz=91 Lima	90.95	44	↑P	P	10 24 28.1	0.0
N13A	baz=91 Wendover, West	90.98	48	↑P	P	10 24 28.1	-0.2
B17A	baz=91 L&G Farms, Che	90.98	40	↑P	P	10 24 27.7	-0.4
E16A	baz=91 East Helena	91.00	42	↑P	P	10 24 28.3	0.0
HEC	baz=91,SNR=13 Hector,Ludlow	91.04	54	↑P	P	10 24 28.6	-0.1
Q12A	baz=91 Willow Creek R	91.04	50	↑P	P	10 24 28.4	-0.2
TUQ	baz=91 Turquoise Moun	91.19	54	↑P	P	10 24 29.4	0.0
K14A	baz=91,SNR=11 Jones Ranch, D	91.22	46	↑P	P	10 24 29.2	-0.1
C17A	baz=91 Wharram Farm,	91.23	41	↑P	P	10 24 29.2	-0.1
T11A	baz=91 Corn Creek, AI	91.25	52	↑P	P	10 24 29.4	-0.2
I15A	baz=91 Montevieu	91.25	45	↑P	P	10 24 29.5	0.0
PFO	baz=91 Pinyon Flat Ob	91.26	55	↑P	P	10 24 29.4	-0.3
PFO	baz=91 Pinyon Flat Ob	91.26	55	ep	P	10 24 30.7	+0.9
BOZ	baz=91 Bozeman (W)	91.31	43	↑P	P	10 24 29.6	-0.1
BOZ	baz=91 Bozeman (W)	91.31	43	ep	P	10 24 31.6	+1.9
L14A	baz=91 L14A	91.33	47	↑P	P	10 24 29.8	0.0
G16A	baz=91 Moss Hill, Enn	91.33	43	↑P	P	10 24 29.9	+0.1
O13A	baz=91 Hicks Ranch, I	91.35	49	↑P	P	10 24 29.8	-0.2
R12A	baz=91 Pony Springs,	91.41	50	↑P	P	10 24 30.5	+0.2
M14A	baz=91 Sheep Mountain	91.41	47	↑P	P	10 24 30.5	+0.2
D17A	baz=91 Six Diamond Ra	91.43	41	↑P	P	10 24 30.7	+0.4
J15A	baz=91,SNR=8.0 Blackfoot	91.47	45	↑P	P	10 24 30.5	0.0
MONP	comp=Z,5.0nm,0.6s,mb5.0 Monument Peak	91.48	56	↑P	P	10 24 30.5	-0.3
SHPR	baz=91 Sheep Range	91.50	52	ep	P	10 24 32.0	+1.2
BELC	baz=91 Belle Mtn.	91.52	55	↑P	P	10 24 30.8	-0.2
P13A	baz=91 Bates Ranch, G	91.53	49	↑P	P	10 24 30.9	0.0
E17A	baz=91 Martinsdale	91.55	42	↑P	P	10 24 31.5	+0.6
GMRC	baz=92,SNR=15 Granite Mounta	91.58	54	↑P	P	10 24 31.5	+0.3
K15A	baz=92 Arbon	91.63	46	↑P	P	10 24 30.8	-0.4
KAF	comp=Z,5.0nm,0.6s,mb5.0 Kangasniemi	91.64	335	ep	Pmax	10 24 28.1	-2.8
KAF	comp=Z,4.7nm,0.6s,mb5.0 Kangasniemi	91.64	335	ep	P	10 24 28.1	-2.8
Q13A	baz=92 Wheeler Ranch,	91.67	50	↑P	P	10 24 31.4	-0.1
N14A	baz=92 Grayback Hills	91.72	48	↑P	P	10 24 31.5	-0.2
HVU	baz=92 Hansel Valley	91.73	47	ep	P	10 24 35.1	+3.3
F17A	baz=92 Fitzpatrick Pl	91.87	42	↑P	P	10 24 32.4	+0.1
H16A	baz=92 Russell Place,	91.87	44	↑P	P	10 24 32.7	+0.4
R13A	baz=92 O Grain Ranch,	91.93	50	↑P	P	10 24 32.9	+0.1
LDFC	baz=92 Landfair	91.93	54	ep	P	10 24 33.9	+1.0
L15A	comp=Z,2.1nm,1.0s,mb5.4 Malad City	91.94	46	↑P	P	10 24 32.4	-0.3
V12A	baz=92,SNR=15 Nelson	91.96	53	↑P	P	10 24 33.1	+0.2
SWSC	baz=92 Sam W. Stewart	91.97	56	↑P	P	10 24 32.9	-0.2
I16A	baz=92 Newdale	91.98	44	↑P	P	10 24 33.4	+0.6
D18A	baz=92 Linhart Farms,	91.99	41	↑P	P	10 24 33.0	+0.1
G17A	baz=92 Pierce Place,	92.01	43	↑P	P	10 24 33.4	+0.5
BC3	baz=92 Big Chuckw Mtn	92.05	55	↑P	P	10 24 33.5	+0.1
M15A	baz=92 Larson Ranch,	92.06	47	↑P	P	10 24 33.4	+0.1
FINES	comp=Z,5.3nm,0.5s,mb5.1,SNR=16 FINES Array B	92.07	335	ep	P	10 24 30.9	-1.9
FINES	comp=Z,5.3nm,0.5s,mb5.1,SNR=16 FINES Array B	92.07	335	ep	P	10 24 30.9	-1.9
J16A	baz=92 Bone	92.08	45	↑P	P	10 24 33.4	+0.1
E18A	baz=92 Harlowton	92.13	42	↑P	P	10 24 33.7	+0.3
IRM	baz=92,SNR=11 Iron Mountain	92.16	55	↑P	P	10 24 34.0	+0.1
P14A	baz=92 Drum Mountains	92.19	49	↑P	P	10 24 33.8	-0.1
S13A	baz=92 Holt Ranch, En	92.19	51	↑P	P	10 24 34.5	+0.5
DUG	baz=92 Dugway	92.19	48	↑P	P	10 24 33.8	-0.1
DUG	baz=92 Dugway	92.19	48	ep	P	10 24 34.4	+0.5
Q14A	baz=92 Sevier Lake (B	92.21	50	↑P	P	10 24 34.1	0.0
K16A	baz=92 Soda Springs	92.24	45	↑P	P	10 24 34.8	+0.7
RRR	baz=92 Norris Junctio	92.25	43	ep	P	10 24 37.5	+3.4
YR2	comp=Z,9.0nm,1.0s,mb5.0 Red Ridge	92.26	45	ep	P	10 24 35.1	+1.0
T13A	baz=92 Saint George	92.32	52	↑P	P		

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Eskisehir, Sivrigoynuk, Corum, etc.

ISCJB 14 10:14:46.8 0.4, 36.96N, 0.03:29.22E, 0.04, h10km, Error ellipse: s-maj=4.4km s-min=4.4km az=5.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Fethiye, Turunc, Elmali, etc.

ISCJB 14 10:21:50.3 0.5, 1.67S, 0.04:99.76E, 0.06, h53km, 5km, mb4.1/13, Error ellipse: s-maj=10.3km s-min=5.5km az=150.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC, SISI, PDSI, etc.

MOS 14 10:30:15.5 0.8, 21.75N, 142.93E, h289km, mb5.0/59, Error ellipse: s-maj=8.3km s-min=5.0km az=106.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NEIC, DJA, CBIJ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSLP, BOAC, TBP, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like LZH Lanzhou, KMI Kunming, CLNS Chui'man, SONM Songlino Array, and many others.

Table with columns for station name, frequency, and signal strength. Includes stations like MYKOM Kota Tinggi, FITZ Fitzroy Crossi, KGM Kluang, KULM Kulim, MOY Mondy, and many others.

Table with columns for station name, frequency, and signal strength. Includes stations like KSH Kuching, KSH Kuching, KSH Kuching, KSH Kuching, KSH Kuching, and many others.

SOKR	Solikamsk	69.61	327c	iP	P	10 40 54.6	-0.4
SOKR	comp=Z,40nm,0.9s,mb5.2						
DLBC	Dease Lake	70.23	34	P	P	10 40 59.6	+0.9
DLBC	comp=Z,3.9nm,0.9s,mb4.7,baz=292,slow=7.5,SNR=24						
DLBC	Dease Lake	70.23	34	P	P	10 40 59.2	+0.4
AKTK	Aktuybinsk	70.41	317	P	P	10 40 59.4	-0.6
AKTO	Aktuybinsk	70.41	317	P	P	10 40 59.4	-0.6
AKTO	comp=Z,2.1nm,0.8s,mb4.9						
AKTO	Aktuybinsk	70.41	317	P	P	10 40 59.4	-0.6
AKTO	comp=Z,2.1nm,0.8s,mb4.9,baz=89,slow=7.1,SNR=90						
SPITS	Spitsbergen Ar	75.78	350	P	P	10 41 30.4	-0.4
SPITS	comp=Z,3.4nm,0.4s,mb4.3,baz=20,slow=6.2,SNR=37						
KBS	Kingsbay	75.94	351	eP	P	10 41 32.0	+0.3
KBS	comp=Z,8.1nm,2.5s,mb4.9						
KBS	Kingsbay	75.94	351	eP	P	10 41 31.4	-0.3
NLWA	Neilton Lookou	76.42	44	iP	P	10 41 35.6	+0.7
NLWA	Neilton Lookou	76.42	44	iP	P	10 41 38.7	+1.1
NLWA	Neilton Lookou	76.42	44	iP	P	10 41 34.7	-0.5
NLWA	comp=Z,9.5nm,0.6s,mb4.6						
YKA	Yellowknife Ar	76.54	28	P	P	10 41 34.7	-0.5
YKA	comp=Z,2.4nm,0.7s,mb5.0,baz=292,slow=5.6,SNR=306						
YKA	Yellowknife Ar	76.54	28	P	P	10 50 51.7	-3.0
YKA	comp=Z,0.1nm,0.4s,baz=297,slow=12,SNR=4.1						
YKA	Yellowknife Ar	76.54	28	P	P	10 41 34.7	-0.5
YKA	Yellowknife Ar	76.54	28	P	P	10 50 51.7	-3.0
LVZ	Lovozero	76.70	338	ceP	P	10 41 35.7	-0.4
LVZ	comp=Z,88nm,1.2s,mb5.4						
E03A	Lebam	76.87	45	iP	P	10 41 38.0	+0.6
F03A	Seaside	77.06	46	iP	P	10 41 39.3	+0.8
A05A	Maple Falls	77.07	42	iP	P	10 41 38.7	+0.3
RES	Resolute Bay	77.11	13	P	P	10 41 38.0	-0.3
RES	comp=Z,24nm,0.8s,mb5.0,baz=322,slow=5.5,SNR=116						
JCW	Jim Creek	77.42	43	P	P	10 41 41.0	+0.6
TLBR	Klimovskoe	77.58	331	eP	P	10 41 39.9	-1.1
KLMR	comp=Z,63nm,1.6s,mb5.1						
B06A	Marblemount	77.59	43	iP	P	10 41 42.1	+0.8
RPW	Rockport	77.60	43	P	P	10 41 41.7	+0.3
D05A	Enumclaw	77.70	44	iP	P	10 41 42.6	+0.7
F04A	Amboy	77.82	45	iP	P	10 41 42.8	+0.2
TDL	Tradedollar La	77.82	45	P	P	10 41 43.4	+0.7
G04A	Mulino	78.01	46	iP	P	10 41 44.3	+0.5
A07A	Ashnola River,	78.11	42	iP	P	10 41 44.4	+0.2
C06A	Tall Timber Ra	78.16	43	iP	P	10 41 44.7	+0.2
H04A	Detroit Lake	78.37	47	iP	P	10 41 45.7	0.0
D06A	Cle Elum	78.43	44	iP	P	10 41 46.3	+0.3
B07A	Winthrop	78.47	42	iP	P	10 41 46.2	+0.1
HOOD	Mound Hood Mea	78.52	46	eP	P	10 41 48.4	+1.9
E06A	Yakima	78.56	44	iP	P	10 41 47.0	+0.3
ETW	Entiat	78.63	43	eP	P	10 41 47.2	+0.2
ETW	Entiat	78.63	43	eP	P	10 42 59.4	+0.6
EBG	Eliensburg	78.71	44	iP	P	10 41 48.0	+0.5
C07A	Waterville	78.77	43	iP	P	10 41 47.4	-0.4
ARCES	ARCES Array B	78.84	341	P	P	10 41 47.5	-0.2
ARCES	comp=Z,7.4nm,0.7s,mb5.5,baz=71,slow=8.1,SNR=202						
D07A	Quincy	78.99	44	iP	P	10 41 48.9	-0.1
B08A	Colville Reser	79.00	42	iP	P	10 41 49.0	0.0
LAMM	Antelope Mount	79.07	50	P	P	10 41 50.3	+0.7
G06A	Carlson Farm,	79.23	46	iP	P	10 41 50.4	+0.1
A09A	Danville	79.25	42	iP	P	10 41 50.6	+0.3
E07A	Sunnyside	79.29	44	iP	P	10 41 50.9	+0.3
C08A	Higginsbotham F	79.38	43	iP	P	10 41 50.8	-0.2
VIPM	Ingram Point	79.49	46	P	P	10 41 52.2	+0.5
RSW	Rattlesnake Hi	79.52	44	eP	P	10 41 52.6	+0.8
HAWA	Hanford	79.55	44	eP	P	10 41 52.1	0.0
H06A	Lindquist Farm	79.60	46	iP	P	10 41 52.2	-0.1
WRD	Warden	79.66	44	iP	P	10 41 52.6	0.0
D08A	Wollman Farm,	79.72	43	iP	P	10 41 52.9	0.0
B09A	Rice	79.72	42	iP	P	10 41 52.9	+0.1
OD2	Odessa Site #2	79.73	43	iP	P	10 41 53.1	+0.1
C09A	Chrisman Ranch	79.86	43	iP	P	10 41 53.6	-0.1
A10A	Northport	79.88	41	iP	P	10 41 53.9	+0.2
K05A	Summer Lake	79.91	48	iP	P	10 41 54.6	+0.6
D09A	Jones Farm, Ri	80.10	43	iP	P	10 41 55.1	+0.1
H07A	Lands Inn, Kim	80.17	46	iP	P	10 41 55.2	-0.1
VRHR	Novokhopersk	80.19	321	eP	P	10 41 52.4	-2.9
VRHR	comp=N,40nm,0.5s						
VRHR	comp=E,80nm,0.5s						
VRHR	comp=Z,280nm,0.5s						
JOF	Joensuu	80.20	334	eP	P	10 41 53.7	-1.5
F08A	Pendleton	80.26	45	iP	P	10 41 56.1	+0.3
G08A	Pilot Rock	80.32	45	iP	P	10 41 56.2	+0.1
B10A	Chitwood Farm,	80.33	42	iP	P	10 41 56.3	+0.1
I07A	Ize	80.39	46	iP	P	10 41 56.5	0.0
E09A	Wood Farm, Sta	80.41	44	iP	P	10 41 56.6	0.0
NEW	Newport	80.41	42	eP	P	10 41 56.6	0.0
C10A	Spilker Farm,	80.46	42	iP	P	10 41 56.9	0.0
MOS	Moscow	80.54	326	eP	P	10 41 55.0	-2.1
MOS	comp=Z,67nm,0.8s,mb5.4						
EDM	Edmonton	80.71	36	eP	P	10 41 58.1	+0.1
D10A	Wagner Farm, O	80.76	43	iP	P	10 41 58.1	-0.3
H08A	Prairie City	80.79	46	iP	P	10 41 58.7	0.0
B11A	Sandpoint	80.81	42	iP	P	10 41 59.0	+0.3
F09A	S2 Ranch, Elgi	80.86	44	iP	P	10 41 59.2	+0.2
A12A	Yaak River Ran	81.06	41	iP	P	10 42 00.5	+0.5
E10A	Myers Farm, Un	81.08	44	iP	P	10 42 00.1	0.0
G09A	Cove	81.10	45	iP	P	10 42 00.4	+0.2
F10A	Beach Ranch, E	81.20	44	iP	P	10 42 00.9	+0.2
L07A	Adell	81.24	48	iP	P	10 42 01.3	+0.3
B12A	Libby	81.28	41	iP	P	10 42 01.4	+0.3
BEKR	Beckworth	81.29	51	iP	P	10 42 01.3	0.0
N06A	Circle Bar Ran	81.34	47	iP	P	10 42 01.8	+0.3
J08A	Buffalo Meadow	81.35	50	iP	P	10 42 01.7	0.0
OBN	Obninsk	81.35	326	eP	P	10 42 00.8	-0.5
OBN	comp=Z,93nm,0.9s,mb5.5						
OBN	Obninsk	81.35	326	eP	P	10 45 09.9	
OBN	Obninsk	81.35	326	eP	P	10 51 45.2	-0.2
OBN	comp=Z,100nm,18.0s						

OBN	Obninsk	81.35	326	eP	P	10 42 01.1	-0.3
OBN	comp=Z,30nm,0.5s,mb5.3						
D11A	Klaveano Farm,	81.36	43	iP	P	10 42 01.3	-0.3
H09A	Durbin	81.40	45	iP	P	10 42 02.1	+0.2
G10A	Bishop Farm, J	81.53	45	iP	P	10 42 02.6	+0.1
VSR	Storozhevoje	81.57	322	eP	P	10 42 02.1	-0.5
VSR	comp=Z,100nm,0.8s,mb5.6						
VSR	Storozhevoje	81.57	322	eP	P	10 42 02.5	-0.2
VSR	comp=N,20nm,1.1s						
BMO	Blue Mountains	81.57	45	eP	P	10 42 02.5	-0.2
BMO	comp=E,10nm,0.6s,mb4.8						
BMO	Blue Mountains	81.57	45	eP	P	10 43 14.3	-0.8
WVOR	Wild Horse Val	81.57	48	eP	P	10 42 02.5	-0.3
WVOR	comp=Z,7.0nm,0.9s,mb4.4						
WVOR	Wild Horse Val	81.57	48	eP	P	10 42 02.5	-0.2
WVOR	comp=Z,6.9nm,0.9s,mb4.4						
M07A	Soldier Meadow	81.58	49	iP	P	10 42 03.0	+0.2
M07A	comp=Z,82,SNR=6.4						
VORD	Divnogorie	81.60	322	eP	P	10 42 02.0	-0.7
VORD	comp=Z,60nm,0.9s,mb5.3						
VORD	Divnogorie	81.60	322	eP	P	10 42 03.0	-0.7
VORD	comp=N,10.0nm,0.4s						
VORD	Divnogorie	81.60	322	eP	P	10 42 03.0	-0.7
GOF	Gofitskye	81.60	315	eP	P	10 42 17.9	
GOF	comp=E,50nm,0.7s						
I09A	Lost Marbles R	81.61	46	iP	P	10 42 03.0	+0.1
I09A	comp=Z,90nm,1.3s,mb5.3						
C12B	Naeeli Ranch,	81.65	42	iP	P	10 42 02.8	-0.2
C12B	comp=Z,82,SNR=5.4						
MTA	Mtatsminda	81.67	311	P	P	10 42 03.5	+0.2
TBLG	Delisi	81.69	312	eP	P	10 42 04.5	+1.1
TBLG	Delisi	81.69	312	eP	P	10 42 04.6	+1.2
E11A	Boqner Ranch,	81.71	43	iP	P	10 42 03.2	-0.2
E11A	comp=Z,82,SNR=20						
A13A	Flathead Natio	81.81	41	iP	P	10 42 04.3	+0.4
J09A	Fry Canyon Ran	81.83	47	iP	P	10 42 04.3	+0.2
L08A	Fields	81.86	48	iP	P	10 42 04.5	+0.2
L08A	comp=Z,82,SNR=17						
CMB	Columbia Colle	81.92	52	eP	P	10 42 04.5	-0.2
CMB	comp=Z,37nm,1.1s,mb5.0						
CMB	Columbia Colle	81.92	52	eP	P	10 42 04.5	-0.2
CMB	comp=Z,37nm,1.1s,mb5.0						
F11A	Grange Ranch,	81.92	44	iP	P	10 42 04.4	-0.2
F11A	comp=Z,82,SNR=16						
WCN	Washoe City	81.92	51	iP	P	10 42 04.7	0.0
D12A	Red Ives Fores	81.98	43	iP	P	10 42 04.6	-0.2
B13A	Whitefish	82.00	41	iP	P	10 42 05.2	+0.3
B13A	comp=Z,82,SNR=25						
BSMT	Bassoo Peak	82.02	42	eP	P	10 42 05.4	+0.4
KEH	Kelvi	82.03	312	eP	P	10 42 04.8	-0.4
H10A	Noah's Angus R	82.04	45	iP	P	10 42 04.9	-0.3
G11A	Walters Elk Ra	82.04	44	iP	P	10 42 04.8	-0.3
G11A	comp=Z,82,SNR=23						
PAHR	Pat Fish Ranch	82.05	51	eP	P	10 42 05.7	+0.4
WALA	Waterton Lakes	82.07	40	eP	P	10 42 05.8	+0.6
E12A	Beaver Dam Sad	82.09	43	iP	P	10 42 05.5	+0.1
E12A	comp=Z,0.5nm,0.8s						
I10A	Paylie	82.19	46	iP	P	10 42 06.1	+0.1
I10A	comp=Z,82,SNR=18						
C13A	Hot Springs	82.22	42	iP	P	10 42 06.1	+0.1
KIV	Kislovodsk	82.25	314	ceP	P	10 42 06.4	+0.1
KIV	comp=Z,95nm,1.0s,mb5.5						
KIV	Kislovodsk	82.25	314	eP	P	10 42 07.0	+0.7
KIV	comp=Z,112nm,1.1s,mb5.5						
KIV	Kislovodsk	82.25	314	eP	P	10 42 06.9	+0.7
KIV	SNR=27						
ONI	Oni	82.26	313	P	P	10 42 07.1	+0.8
GNI	Garni	82.27	310	ceP	P	10 42 07.4	+1.0
GNI	comp=Z,40nm,1.3s						
GNI	Garni	82.27	310	P	P	10 42 07.0	+0.5
GNI	comp=Z,3.4nm,0.3s,mb4.5,baz=12,slow=12,SNR=13						
GNI	Garni	82.27	310	eP	P</		

Table with columns: LVC, SIV, NEIC 14, Code, Station Name, Az, AZ, Phase ID, Time, Res. Lists various stations and their coordinates.

Table with columns: WHZ, MLZ, MLR, T22A, MMAI, KOLS, X20A, V21A, 218A, STHS, STHS, 119A, W21A, Y20A, CRVS, VOIR, X21A, 120A, 120A, Y21A, BORG, 319A, DRGR, Z21A, KECS, KECS, 220A, ANMO, 320A, EIL, VYHS, VYHS, 222A, VRAC, BRG, BRG, CLL, CLL, 224A, 224A, 125A, 325A, 126A, GERES, 425A, 326A, 426A, 426A, 427A, 626A, 527A, TXAR, 428A, 627A, 528A, 628A, DAVOX, DAVOX, KEST, OSPA, ESCD, BOSA, VNA2, VNA2, VNA3, VNA3, VNA1, SDV, SDV, ATAH, DBIC, PLCA, PLCA, PLCA, LPAZ, LPAZ, LPAZ, LPAZ, LPAZ. Lists various stations and their coordinates.

Table with columns: WHZ, MLZ, MLR, T22A, MMAI, KOLS, X20A, V21A, 218A, STHS, STHS, 119A, W21A, Y20A, CRVS, VOIR, X21A, 120A, 120A, Y21A, BORG, 319A, DRGR, Z21A, KECS, KECS, 220A, ANMO, 320A, EIL, VYHS, VYHS, 222A, VRAC, BRG, BRG, CLL, CLL, 224A, 224A, 125A, 325A, 126A, GERES, 425A, 326A, 426A, 426A, 427A, 626A, 527A, TXAR, 428A, 627A, 528A, 628A, DAVOX, DAVOX, KEST, OSPA, ESCD, BOSA, VNA2, VNA2, VNA3, VNA3, VNA1, SDV, SDV, ATAH, DBIC, PLCA, PLCA, PLCA, LPAZ, LPAZ, LPAZ, LPAZ, LPAZ. Lists various stations and their coordinates.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MEF Metsahovi, MTSE Matsua, FIAO FINESS Array S, etc.

CSEM 14 10:46:12.4:0.3, 37.67N:26.90E, h15km, MD2.7, Error ellipse: s-maj=6.7km s-min=2.3km az=42.0

DDA 14 10:46:14.4: 37.80N:26.99E, h7km, 3km, MD2.7

ISC 14 10:46:12.1:2.2, 37.6N:0.1:26.9E:0.1, h22km, 29km, n10, 0.051/18, Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GCAM G?zelcam?, GCAM G?zelcam?, URLA Izmir, etc.

TRN 14 10:54:28.7, 15.35N:61.37W, h156km, MD3.6, 3D, Leeward Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TBG Guadaloupe-1, MGG Marie-Galante, FDF Fort de France, etc.

IDC 14 11:03:56.1:13.0, 24.6S:179.78W, h456km, 102km, mb3.2/5, mb1 3.3/6, mb1mx3.1/17, mbtmp3.3/6, Error ellipse: s-maj=164.6km s-min=24.2km az=41.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like URZ Urewera, CTA Charters Tower, STKA Stephens Creek, etc.

ISCJB 14 11:10:51.8:0.6, 54.2S:0.1:133.4W:0.2, h10km, mb4.3/10, MS4.2/5, Error ellipse: s-maj=19.4km s-min=16.9km az=179.7

IDC 14 11:10:51.9:0.7, 54.1S:133.35W, h0km, mb4.3/9, mb1 4.5/9, mb1mx4.4/14, mbtmp4.2/9, MS4.2/5, MS1 4.2/5, ms1mx3.8/20, Error ellipse: s-maj=26.3km s-min=20.5km az=139.0

NEIC 14 11:10:53.0:0.5, 54.0S:133.42W, h10km, mb4.5/1, Error ellipse: s-maj=20.3km s-min=14.5km az=133.0

ISC 14 11:10:53.6:0.6, 54.2S:0.1:133.4W:0.2, h10km, n24, 0.069/13, mb4.3/10, MS4.2/5, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like QSPA South Pole Qui, USHA Ushuaia, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRAB Tennant Creek, TXAR Lajitas Array, NVAR Nina Array, etc.

GUC 14 11:14:06.7:0.7, 22.62S:67.14W, h248km, 9km, MLC.4

ISCJB 14 11:14:07.8:1.2, 22.70S:0.07:67.1W:0.1, h246km, 24km, Error ellipse: s-maj=22.7km s-min=10.5km az=169.6

IDC 14 11:14:10.5:8.8, 22.43S:66.73W, h242km, 44km, mb1 3.2/2, mb1mx2.9/15, mbtmp3.0/2, Error ellipse: s-maj=202.1km s-min=24.1km az=55.0

ISC 14 11:14:08.6:1.2, 22.67S:0.07:67.1W:0.2, h242km, 24km, n11, 0.037/18, 2C-2D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LVC Limon Verde, ANCH Antofagasta, HMBC Humberston, etc.

MAN 14 11:34:19.7, 22N:125.98E, h34km, mb4.2, ML3.0, MS2.8, 1C, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MATI Mati, DMPH Davao City-Mi, BUKP Musuan, etc.

KRSC 14 11:55:19.4:1.1, 50.77N:157.00E, h102km, 101km, ML3.7, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MIIPR Malaya Ipe'l'ka, RUS Russkaya, RUT Ruspaplovsk, etc.

NEIC 14 12:11:12.9, 14.37N:60.53W, h27km, MD3.6 (TRN), After TRN

TRN 14 12:11:12.9, 14.35N:60.57W, h60km, MD3.6, M3.6 (FDF), GC Windward Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SLW Petit Monier, SLW Petit Monier, SLPE Piton Saint Es, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LZG Guadaloupe-1, ISCBJ 14 12:25:01.5:0.4, 37.86N:0.02:23.22E:0.02, h4km, 4km, Error ellipse: s-maj=3.4km s-min=3.1km az=135.8

CSEM 14 12:25:02.3:0.2, 37.85N:0.23:28E, h20km, ML3.2

ISC 14 12:25:02.0:0.4, 37.86N:0.02:23.22E:0.03, h8km, 8km, n69, 0.077/96, Southern Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NAIG Nisos Aigina, NAIG Nisos Aigina, LTK Loutraki, etc.

IDC 14 12:25:24.1:2.1, 5.25S:103.51E, h0km, mb3.7/8, mb1 3.8/8, mb1mx3.7/20, mbtmp3.7/8, Error ellipse: s-maj=63.0km s-min=18.0km az=58.0

ISCJB 14 12:25:41.3:0.6, 5.0S:0.1:104.1E:0.1, h147km, 4km, mb5/8, Error ellipse: s-maj=23.7km s-min=8.7km

DJA 14 12:25:44.5:0.6S:104.12E, h116km, MLv3.5/6

ISC 14 12:25:42.4:0.6, 5.0S:0.1:104.1E:0.1, h141km, 4km, n18, 0.074/20, mb3.5/8, Southern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LWLI Liwa, MDSI Maurea Dua, KASI Kota Agung, etc.

WEL 14 12:49:01.0:0.3, 35.57S:178.37E, h240km, 11km, ML3.8/8, Error ellipse: s-maj=10.8km s-min=7.4km az=0.0, Off

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CLL, CLM, OKC, etc.

ISK 14 16:54:59.3, 36.96N, 29.21E, h2km, MD3.1

ISCJBJ 14 16:55:00.5, 0.6, 36.98N, 0.03, 29.19E, 0.03, h1km, 7km,

Error ellipse: s-maj=5.1km s-min=4.3km az=144.2

CSEM 14 16:55:00.5, 0.1, 36.97N, 29.20E, h5km, MD3.1, Error

ellipse: s-maj=3.4km s-min=2.9km az=171.0

DDA 14 17:05:00.8, 37.00N, 29.16E, h7km, 4km, Md2.9

ISC 14 17:05:00.9, 0.5, 36.97N, 0.03, 29.18E, 0.03, h6km, 6km,

n31, <0978/48, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GLHS, FETY, TURN, etc.

ISCJBJ 14 17:07:10.3, 0.7, 39.28N, 0.03, 41.80E, 0.06, h0km, 7km,

Error ellipse: s-maj=7.6km s-min=4.0km az=162.8

CSEM 14 17:07:10.3, 0.3, 39.24N, 0.1, 41.71E, h2km, MD3.1, Error

ellipse: s-maj=8.1km s-min=3.5km az=49.0

DDA 14 17:07:10.3, 39.28N, 41.71E, h7km, 6km, Md3.1

ISC 14 17:07:10.3, 39.28N, 41.76E, h7km, 6km, MD3.1

ISC 14 17:07:11.1, 0.6, 39.27N, 0.03, 41.78E, 0.05, h5km, 6km,

n23, <0993/36, Turkey

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

ISK 14 17:32:53.0, 36.95N, 29.19E, h5km, MD3.2

ISCJBJ 14 17:32:54.1, 0.6, 36.96N, 0.03, 29.20E, 0.03, h2km, 6km,

Error ellipse: s-maj=4.9km s-min=4.5km az=176.1

CSEM 14 17:32:54.4, 0.1, 36.96N, 29.20E, h5km, MD3.2, Error

ellipse: s-maj=3.8km s-min=3.0km az=2.0

DDA 14 17:32:55.0, 37.01N, 29.22E, h7km, 5km, Md3.1

ISC 14 17:32:54.7, 0.5, 36.96N, 0.03, 29.19E, 0.03, h7km, 5km,

n49, <0926/64, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GLHS, FETY, TURN, etc.

MAN 14 18:10:57.6, 6.19N, 126.59E, h32km, mb4.5, ML3.4, MS3.2,

3C, Mindanao

Code Station Name Az Az' Phase ID Time Res

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MATI, DMPH, GSPH, etc.

NEIC 14 18:12:31.8, 45.45S, 167.12E, h109km, MG3.8(WEL),

After WEL

WEL 14 18:12:31.6, 0.2, 45.49S, 167.13E, h110km, 1km, ML3.9/14,

8C-3D, Error ellipse: s-maj=2.1km s-min=1.2km az=90.0,

South Island

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

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

KRSC 14 18:13:13.4, 0.0, 54.33N, 161.50E, h36km, 25km, ML3.6,

Near east coast of Kamchatka Peninsula

Code Station Name Az Az' Phase ID Time Res

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

CASC 14 18:17:51.3, 1.9, 13.20N, 89.71W, h26km, 6km, MD3.5,

ML2.7, 1C-5D, El Salvador

Code Station Name Az Az' Phase ID Time Res

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SBLS, SNJE, SNET, etc.

DDA 14 18:25:59.0, 37.11N, 27.57E, h5km, 1km, MD3.2

ATH 14 18:25:58.0, 37.23N, 27.69E, h7km, 7km,

ISC 14 18:25:58.7, 37.06N, 27.57E, h2km, MD3.2

CSEM 14 18:25:59.7, 0.1, 37.07N, 27.56E, h5km, MD3.2, Error

ellipse: s-maj=3.5km s-min=3.2km az=45.0

ISCJBJ 14 18:26:00.1, 0.4, 37.08N, 0.03, 27.55E, 0.03, h10km, Error

ellipse: s-maj=4.0km s-min=3.6km az=171.0

ISC 14 18:26:00.2, 0.4, 37.09N, 0.03, 27.57E, 0.03, h5km, 5km,

n53, <0995/69, Turkey

Code Station Name Az Az' Phase ID Time Res

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

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Lists various stations like MLLSB Milas, DAT Data, YER Yerkesik, etc.

NEIC 14 18:41:49.2,0.7,24.46N;142.04E,h35km,mb4.4/2, Error ellipse: s-maj=1.4km s-min=15.7km az=92...

ISCJB 14 18:41:53.0,1.9,24.5N;141.95E,0.3,h88km,1.9km, mb3.8/9, Error ellipse: s-maj=44.1km s-min=16.5km az=4.2

IDC 14 18:41:54.0,2.2,24.47N;142.00E,h78km,2.0km,mb3.5/8, mb1 3.6/9, mb1mx3.4/24, mbtmp3.5/9, Error ellipse: s-maj=29.6km s-min=15.3km az=101.0

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like CBJJ Chichi jima, CMAR Chiang Mai Arr, WRAB Tennant Creek, etc.

IDC 14 18:56:24.1,31.0,16.97S;176.66W,h0km,mb4.0/4, mb1 4.2/4, mb1mx3.8/17, mbtmp4.0/4, MS3.6/1, Ms1 3.5/1, ms1mx2.9/24, Error ellipse: s-maj=596.0km s-min=149.5km az=85.0, Fiji Islands region

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

NIED 14 19:09:00,22.80N,121.60E,h44km,Mw4.1 Best double couple: M1.41000x1015 NP1.3225.00000, 370.00000, 1.121.00000, NP2.344.00000, 837.00000, 1.36.00000

NEIC 14 19:09:11.3,0.7,22.74N;121.55E,h10km,MG4.0(JMA), Error ellipse: s-maj=9.4km s-min=8.3km az=57.0

ISCJB 14 19:09:13.3,0.3,22.78N;121.48E,0.02,h22km,3km, mb3.3/5, MS3.0/2, Error ellipse: s-maj=3.2km s-min=2.7km az=11.2

JMA 14 19:09:14.2,0.3,22.82N;121.62E,h9km,M4.0 TAP 14 19:09:14.4,22.82N;121.35E,h28km,ML4.2,B IDC 14 19:09:15.9,5.0,22.79N;121.68E,h51km,55km,mb3.1/5, mb1 3.3/6, mb1mx3.2/23, mbtmp3.2/6, ML3.3/1, MS3.0/3, Ms1 3.0/3, ms1mx2.7/13, Error ellipse: s-maj=29.9km s-min=20.6km az=70.0

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like TTN Taifung, CHKT Chengkung, TWG Pinlang, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like TATW Taipei, YOW Yonaguni jima, YOH Yonaguni jima, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like TATW Taipei, YOW Yonaguni jima, YOH Yonaguni jima, etc.

IDC 14 19:30:20.5,4.3,37.06S;168.81E,h0km,mb3.9/4, mb1 4.0/4, mb1mx3.8/14, mbtmp3.9/14, MS3.2/1, Ms1 3.2/1, ms1mx2.8/21, Error ellipse: s-maj=134.7km s-min=39.8km az=133.0

NOU 14 19:30:24.8,6.4,24.24S;163.97E,h10km,MD3.1,ML2.8 NEIC 14 19:30:25.7,2.3,20.04S;168.74E,h35km, Error ellipse: s-maj=69.9km s-min=23.7km az=126.0

ISC 14 19:30:26.3,4.2,20.05S;168.50E,h26km,144km,n10, 0.580/11, mb3.8/4, Loyalty Islands

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like DZM Mont Dzumac, DZM Port Laguerre, etc.

ISCJB 14 19:37:05.6,1.3,37.18N;170.29E,0.1,1,h34km,10km, Error ellipse: s-maj=16.8km s-min=9.8km az=145.0

CSEM 14 19:37:05.2,0.3,37.15N;170.29E,h30km,MD2.6, Error ellipse: s-maj=10.8km s-min=5.6km az=52.0

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like GLHS Ghlisar (BURDU), etc.

IDC 14 21:07:02.1,2.2,43.71N-105.36W,h0km,mb3.2, mb1 3.8/5,mb1mx3.5/25,mbtmpr3.6/5,ML3.4/3,Error ellipse: s-maj=53.9km s-min=8.1km az=149.0

NEIC 14 21:07:03.0,3.43.78N-105.26W,h0km,ML3.2, Error ellipse: s-maj=4.2km s-min=4.2km az=58.0, Suspected Mining explosion.

NEIC 60 km [35 miles] SSE of Gillette. ISC 14 21:07:03.5,0.3,43.75N,0.02,-105.34W,0.02,h0km,n44, r124/102,mb3.7/2,Wyoming

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

Table with columns: AIES, AML, AML, Time, Res, ISC. Lists seismic events with their locations and magnitudes.

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

J17A	baz=35	Brown Place, J	35.02 333	↑P	P	21 35 19.5 +1.0
AGMM	baz=35	Agassiz Refuge	35.22 353	eP	P	21 35 19.0 -1.1
NVAM	comp=E, 1.2nm, 0.6s, mb3.9	Mina Araya	35.20 320	P	P	21 35 26.0 +1.5
NVAR	comp=E, 1.1nm, 0.7s, mb4.9, baz=134, slow=8.4, SNR=22			PcP	P	21 37 51.2 -0.2
G18A	comp=E, 2.6nm, 0.7s, baz=125, slow=16, SNR=4.3	Lazy EL Ranch, 36.11 336	↑P	P	21 35 28.1 +0.2	
LPAZ	baz=36	La Paz	36.26 144	LR	LR	21 50 15.5
J14A	comp=E, 206nm, 21.8s, baz=309, slow=56	Carrey	36.30 330	↑P	P	21 35 30.0 +0.4
H16A	baz=36	Russell Place, 36.32 334	↑P	P	21 35 28.3 -1.3	
L11A	baz=36	Cat Creek Ranc	36.62 327	↑P	P	21 35 29.7 -2.6
J13A	baz=37	Cove Ranch, Pi	36.68 329	↑P	P	21 35 33.2 +0.4
I14A	baz=37	Mackay	36.73 331	↑P	P	21 35 33.2 +0.1
CMB	baz=37	Columbia Colle	36.82 317	eP	P	21 35 31.7 -2.3
H15A	baz=37	Lima	36.87 332	↑P	P	21 35 35.4 +1.0
HLID	baz=37	Halley	36.92 329	eP	P	21 35 32.1 -2.7
DGMT	baz=37	Dagmar	37.09 344	↑P	P	21 35 35.7 -0.1
DGMT	baz=37	Dagmar	37.06 344	eP	P	21 35 33.5 -2.3
MCMT	comp=E, 14nm, 0.6s, mb5.1	McKenzie Canyo	37.13 332	eP	P	21 35 36.0 -0.5
ULM	comp=E, 3.2nm, 0.7s, mb4.4	Lac du Bonnet	37.14 353	P	P	21 35 33.9 -2.6
ULM	comp=E, 4.9nm, 0.6s, mb4.6, baz=167, slow=10.0, SNR=11			LR	LR	21 53 19.6
ULM	comp=E, 244nm, 20.1s, baz=117, slow=40	Lac du Bonnet	37.14 353	P	P	21 35 33.9 -2.6
ULM	comp=E, 3.2nm, 0.7s, mb4.4			LR	LR	21 53 19.6
H14A	baz=37	Leadore	37.20 331	↑P	P	21 35 37.0 -0.2
G15A	baz=37	Dillon	37.23 333	↑P	P	21 35 37.7 +0.4
E18A	baz=38	Harlowton	37.28 337	↑P	P	21 35 37.4 +0.4
I12A	baz=38	Atlanta	37.45 329	↑P	P	21 35 39.5 +0.3
F15A	baz=38	Butte	37.76 334	↑P	P	21 35 41.6 -0.1
D17A	baz=38	Six Diamond Ra	38.07 336	↑P	P	21 35 44.6 +0.2
C17A	baz=38	Wharram Farm, 38.49 337	↑P	P	21 35 47.5 -0.5	
J09A	baz=39	Fry Pan Ranch,	38.50 326	↑P	P	21 35 48.4 +0.3
F13A	baz=39	Darby	38.57 339	↑P	P	21 35 48.0 -0.3
H11A	baz=39	Donnelly	38.54 329	↑P	P	21 35 48.6 +0.1
J08A	baz=39	Circle Bar Ran	38.90 326	↑P	P	21 35 51.6 +0.2
I09A	baz=39	Lost Marbles R	38.92 327	↑P	P	21 35 51.7 +0.1
F12A	baz=39	Elk City	38.94 331	↑P	P	21 35 51.5 -0.3
E13A	baz=39	Victor	38.97 333	↑P	P	21 35 51.5 -0.4
D14A	baz=39	Greenough	39.16 334	↑P	P	21 35 53.3 -0.3
G11A	baz=39	Walters Elk Ra	39.17 330	↑P	P	21 35 53.5 -0.1
C15A	baz=40	Salmond Ranch,	39.34 335	↑P	P	21 35 54.7 -0.3
A17A	baz=40	Triple J Farms	39.55 338	↑P	P	21 35 56.5 -0.4
E12A	baz=40	Beaver Dam Sad	39.58 331	↑P	P	21 35 56.8 -0.0
H08A	baz=40	Prairie City,	39.78 327	↑P	P	21 35 58.8 -0.0
E11A	baz=40	Bogner Ranch,	39.83 331	↑P	P	21 35 58.8 -0.4
F10A	baz=40	Beach Ranch, E	40.05 330	↑P	P	21 35 59.8 -1.1
A15A	baz=40	Johnson Ranch,	40.35 336	↑P	P	21 36 03.4 -0.0
YBH	comp=E, 1.6nm, 0.5s, mb4.1, baz=167, slow=4.9, SNR=5.1	Yreka Blue Hor	40.37 321	P	P	21 36 02.3 -1.4
YBH	comp=E, 1.7nm, 0.8s, baz=80, slow=6.3, SNR=3.9			PcP	P	21 38 04.6 -1.2
YBH	comp=E, 292nm, 20.0s, baz=157, slow=38			LR	LR	21 54 22.4
SIV	comp=E, 3.1nm, 0.8s, mb4.2, baz=318, slow=9.0, SNR=11	San Ignacio	40.51 135	P	P	21 36 04.9 -0.2
A14A	comp=E, 2.2nm, 0.6s, mb4.1	Double T Ranch	40.62 336	↑P	P	21 36 05.5 -0.1
LVC	baz=42	Limon Verde	41.06 150	↑P	P	21 36 05.5 -0.4
H04A	baz=42	Detroit Lake	41.81 325	↑P	P	21 36 14.5 -1.0
AFC	comp=E, 2.1nm, 0.6s, mb4.2	Flin Flon	42.40 349	eP	P	21 36 18.4 -1.8
077A	comp=E, 1.9nm, 0.7s, mb4.3, baz=218, slow=6.3, SNR=29	Ashnola River,	43.73 331	↑P	P	21 36 30.7 -0.2
EDM	baz=44	Edmonton	44.04 340	eP	P	21 36 30.7 -2.6
SCHO	comp=E, 1.4nm, 0.7s, mb4.8, baz=218, slow=6.3, SNR=29	Schefferville	45.01 18	P	P	21 36 39.9 -1.2
SCHO	comp=E, 2.5nm, 0.5s, baz=221, slow=3.6, SNR=3.6			PcP	P	21 38 19.1 -1.8
SCHO	comp=E, 206nm, 19.8s, baz=246, slow=40			LR	LR	21 58 13.9
FCC	comp=E, 0.2nm, 1.0s	Fort Churchill	45.44 357	eP	P	21 36 43.1 -1.2
BBB	comp=E, 1.2nm, 0.6s, mb4.1	Bella Bella	49.51 330	LR	LR	21 59 36.6
CPK	comp=E, 1.23nm, 18.6s, baz=279, slow=38	Villa Florida	51.74 142	LR	LR	21 58 43.2
YKA	comp=E, 1.06nm, 18.3s, baz=76, slow=36	Yellowknife Ar	52.21 346	P	P	21 37 34.7 -1.5
YKA	comp=E, 3.8nm, 0.8s, mb4.5, baz=145, slow=7.7, SNR=65	Yellowknife Ar	52.21 346	P	P	21 38 44.8 -2.0
YKA	comp=E, 0.8nm, 0.7s, baz=150, slow=4.1, SNR=5.9	Yellowknife Ar	52.21 346	P	P	21 37 34.7 -1.5
FRB	comp=E, 2.2nm, 0.6s, mb4.1	Frobisher Bay	52.41 12	P	P	21 37 35.8 -1.8
DLBC	comp=E, 1.2nm, 0.6s, mb4.1, baz=216, slow=8.5, SNR=38	Dease Lake	54.23 335	LR	LR	22 07 48.7
PLCA	comp=E, 208nm, 18.3s, baz=115, slow=43	Paso Flores	56.62 163	LR	LR	21 57 36.8
TRQD	comp=E, 39nm, 19.5s, baz=328, slow=31	Tornquist	57.24 154	P	P	21 38 09.5 -3.7
SFJD	comp=E, 1.21nm, 18.7s, baz=209, slow=37	Kangerlussuaq	59.40 17	LR	LR	22 04 40.6
RES	comp=E, 1.21nm, 18.7s, baz=209, slow=37	Resolute Bay	61.38 358	P	P	21 38 39.3 -1.7
RES	comp=E, 203, slow=3.2			LR	LR	22 06 04.1
RES	comp=E, 132nm, 20.3s, baz=138, slow=37	Resolute Bay	61.38 358	eP	P	21 38 38.7 -2.2
RES	comp=E, 5.5nm, 0.6s, mb4.0	Inuvik	61.74 343	P	P	21 38 42.2 -1.3
INK	comp=E, 2.2nm, 0.6s, mb4.3, baz=136, slow=6.2, SNR=15	Inuvik	61.74 343	eP	P	21 38 41.5 -1.9
SUMT	comp=E, 1.2nm, 0.6s, mb4.1	Summit	66.20 15	eP	P	21 39 10.9 -1.8
PMPG	comp=E, 1.2nm, 0.6s, mb4.1	Papeete	66.78 244	LR	LR	22 02 08.5
DBIC	comp=E, 243nm, 21.7s, baz=72, slow=30	Dimbokoro	83.30 85	LR	LR	22 14 14.6
NOA	comp=E, 30nm, 20.5s, baz=259, slow=33	NORSA Array B	83.52 29	P	P	21 40 51.3 -1.5
NOA	comp=E, 0.5nm, 0.6s, mb3.4, baz=236, slow=5.5, SNR=3.0			LR	LR	22 13 49.0
ARCS	comp=E, 59nm, 21.7s, baz=55, slow=33	ARCS Array A	85.96 19	P	P	21 41 03.6 -1.3
ARCS	comp=E, 2.9nm, 0.7s, mb4.3, baz=332, slow=2.8, SNR=5.7			LR	LR	22 19 06.4
DAVX	comp=E, 40nm, 21.6s, baz=118, slow=35	Davos/Dischmat	86.68 43	LR	LR	22 18 28.7
CLL	comp=E, 57nm, 18.1s, baz=266, slow=35	Collin	87.33 38	eP	P	21 41 11.0 -0.9
GERES	comp=E, 89nm, 20.4s, baz=32, slow=33	GERES Array B	88.53 40	LR	LR	22 17 28.1
KEST	comp=E, 42nm, 20.6s, baz=274, slow=32	Kesra	89.32 54	LR	LR	22 17 04.6
VRAC	comp=E, 27nm, 18.4s, baz=272, slow=33	Vranov	90.16 39	LR	LR	22 17 14.8
AKAG	comp=E, 42nm, 20.6s, baz=274, slow=32	Malin Array Be	96.90 34	LR	LR	22 23 33.5
ZALV	comp=E, 5.7nm, 20.3s, baz=317, slow=11.3, SNR=7.2	Zalesovo Beam	112.78 4	PKPKP	PKPKP	21 46 59.9 -1.4
ZALV	comp=E, 1.2nm, 0.5s, baz=317, slow=11.3, SNR=7.2	Zalesovo Beam	112.78 4	PKPKP	PKPKP	21 46 59.9 -1.5
SONM	comp=E, 1.2nm, 0.5s, baz=317, slow=11.3, SNR=7.2	Songino Array	117.44 348	PKP	PKP	21 47 09.9 -0.7

KSR5	comp=E, 0.5nm, 0.6s, baz=334, slow=2.2, SNR=4.3	Korea Array	118.42 327	PKP	PKP	21 47 12.2 -0.5
MKAR	comp=E, 1.2nm, 0.7s, baz=17, slow=1.3, SNR=6.1	Manakchi Array	119.65 6	PKP	PKP	21 47 13.3 -1.5
BJI	comp=E, 5.5nm, 0.7s, baz=33, slow=0.5, SNR=4.5	Beijing	121.76 337	PKP	PKP	21 47 14.9 -4.2
BJI	comp=E, 5.5nm, 0.7s, baz=33, slow=0.5, SNR=4.5			LR	LR	22 05 18.1 -4.2
HHC	comp=Z, 43nm, 27.9s	Hu-ho-hao-te	122.63 341	ePKP	PKP	21 47 16.4 -4.3
HHC	comp=N, 78nm, 15.5s			SPKP	SPKP	21 47 53.9
HHC	comp=N, 78nm, 15.5s			PP	PP	21 48 59.3 +1.9
HHC	comp=N, 78nm, 15.5s			SKS	SKS	21 54 16.8 -10
HHC	comp=N, 78nm, 15.5s			SS	SS	22 05 29.0 -4.3
HHC	comp=N, 78nm, 15.5s			LR	LR	
HHC	comp=N, 78nm, 15.5s			LR	LR	
WMQ	comp=Z, 130nm, 17.8s	Ururugi	123.03 2	ePKP	PKP	21 47 17.5 -3.9
NJ2	comp=Z, 2.5nm, 0.6s, baz=91, slow=2.4, SNR=4.9	Nanjing	127.30 30	ePKP	PKP	21 47 25.6 -4.3
LZH	comp=Z, 2.5nm, 0.6s, baz=91, slow=2.4, SNR=4.9	Lanzhou	129.22 346	ePKP	PKP	21 47 29.1 -4.4
CDZ	comp=Z, 2.5nm, 0.6s, baz=91, slow=2.4, SNR=4.9	Chengdu	134.17 44	ePKP	PKP	21 48 06.3
LSA	comp=Z, 2.5nm, 0.6s, baz=91, slow=2.4, SNR=4.9	Lhasa	137.18 359	PKP	PKP	21 47 48.6 -0.0
GYA	comp=Z, 2.5nm, 0.6s, baz=91, slow=2.4, SNR=4.9	Guiyang	137.40 338	eP	P	21 44 51.3 -5.1
GYA	comp=Z, 2.5nm, 0.6s, baz=91, slow=2.4, SNR=4.9			PKP	PKP	21 47 42.9 -6.2
GYA	comp=Z, 2.5nm, 0.6s, baz=91, slow=2.4, SNR=4.9			SPKP	SPKP	21 48 20.0
GYA	comp=Z, 2.5nm, 0.6s, baz=91, slow=2.4, SNR=4.9			PP	PP	21 50 33.3 -0.2
GYA	comp=Z, 2.5nm, 0.6s, baz=91, slow=2.4, SNR=4.9			AMB	AMB	
WRA	comp=Z, 70nm, 7.6s	Warramunga Arr	137.59 255	PKP	PKP	21 47 49.3 -0.2
FITZ	comp=Z, 2.5nm, 0.6s, baz=91, slow=2.4, SNR=4.9	Fitzroy Crossi	145.89 257	PKP	PKP	21 48 04.7 -0.4
CMAR	comp=Z, 6.7nm, 0.7s, baz=338, slow=3.0, SNR=83	Chiang Mai Arr	147.30 345	PKP	PKP	21 48 06.8 -2.3

IDC 14 21:39:43.2, 1.6, 8.34S, 128.86E, h0km, mb3.6/4, mb1 3.8/7, mb1mx3.7/16, mbtmp3.6/7, ML3.7/3, MS3.2/2, Ms1 3.2/2, ms1mx2.6/17, Error ellipse: s-maj=71.9km s-min=23.7km az=74.0
 ISCBJ 14 21:39:46.0, 2.2, 8.45S, 128.70E, 1.1, h36km, 23km, mb3.6/5, Error ellipse: s-maj=18.1km s-min=10.7km az=154.7
 NEIC 14 21:39:48.3, 0.4, 8.38S, 128.71E, h35km, mb3.6/1, Error ellipse: s-maj=14.6km s-min=6.7km az=66.0
 ISC 14 21:39:47.9, 1.8, 8.45S, 128.82E, 0.10, h37km, 21km, n26, e091/31, mb3.6/5, Timor Sea

Code	Station Name	Δ°	AZ°	Phase	IDC	Time Res	h m s	ISC
KAKA	Kakadu	5.53	140	Op	ISC	21 41 12.6	+4.8	
FITZ	Fitzroy Crossi	10.08	198	Pn	Pn	21 42 11.1	+0.9	
FITZ	Fitzroy Crossi	10.08	198	eP	eP	21 43 58.0	-4.2	
FITZ	Fitzroy Crossi	10.08	198	LR	LR	21 46 28.4		
FITZ	Fitzroy Crossi	10.08	198	eP	eP	21 42 10.7	+0.4	
FITZ	Fitzroy Crossi	10.08	198	eP	eP	21 44 01.5	-0.7	
WRAB	Tennant Creek	12.61	155	eP	Pn	21 42 46.5	+1.6	
WRAB	Tennant Creek	12.61	155	eP	Pn	21 45 00.4	-3.6	
WRA	Warramunga Arr	12.61	156	Pn	Pn	21 42 45.5	+0.6	
WRA	Warramunga Arr	12.61	156	Pn	Pn	21 45 02.3	-1.8	
WRA	Warramunga Arr	12.61	156	Pn	Pn	21 47 03.2	+0.4	
MBWA	Marble Bar	15.38	214	eP	Pn	21 46 22.7	+4.0	
MBWA	Marble Bar	15.38	214	eP	Pn	21 46 02.4	-9.3	
ASAR	Alice Springs	15.89	163	Pn	Pn	21 43 29.4	+0.4	
ASAR	Alice Springs	15.89	163	Pn	Pn	21 46 24.2	+0.1	
KKM	Kita Kinabalu	19.11	318	eP	Pn	21 44 07.2	-1.7	
KSM	Kuching	20.93	297	P	P	21 44 26.3	-1.3	
NWAO	Narrogin (SRO)	26.62	202	LR	LR	21 57 10.5		
QUM	Quinn's Creek	27.08	262	eP	Pn	21 45 26.3	-1.0	
GIZO	Giongzong	33.10	326	eP	Pn	21 46 20.2	-0.3	
CMAR	Chiang Mai Arr	39.80	312	P	P	21 47 18.1	+0.4	
CHTO	Chiang Mai	40.03	313	eP	Pn	21 47 19.4	-0.3	
PALK	Paleleke	50.45	287	P	P	21 48 43.1	+0.7	
LSA	Lhasa	52.46	318	eP	P	21 48 57.9	+0.7	
SONM	Songino Array	59.45	343	P	P	21 49 48.1	+1.2	
TLY	Talaya	63.69	343	eP	Pn	21 50 15.6	+0.2	
MKAR	Manakchi Array	64.81	328	P	P	21 50		

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, Res. Includes stations like ELL, GLHS, YER, etc.

ISCJB 14 23:12:35.7-0.5, 39.10N-0.04-99.16E-0.05, h10km, mb3.5/6, Error ellipse: s-maj=6.0km s-min=5.3km az=22.5

IDC 14 23:12:35.4-2.4, 38.94N-99.18E, h0km, mb3.5/6, mb1 3.8/9, mb1mx3.6/28, mbtbp3.7/9, ML4.0/3, MS3.1/2, Ms1 3.1/2, ms1mx2.5/22, Error ellipse: s-maj=5.7km s-min=25.0km az=9.0

NEIC 14 23:12:36.6-0.7, 38.94N-99.15E, h10km, mb3.5/3, Error ellipse: s-maj=12.2km s-min=7.1km az=141.0

BUI 14 23:12:37.3, 39.23N-99.30E, h9km, mb4.1/1, mb4.4/1, ML2.9/6, MS3.5/4, Ms7.3/3, Error ellipse: s-maj=11.0km s-min=11.0km az=111.0

ISC 14 23:12:37.8-0.4, 39.11N-0.04-99.12E-0.05, h10km, n22, c+1912/28, mb3.5/6, Gansu

Main table of station data for the first section, including codes like GTA, LZH, CD2, SONM, ULN, MKAR, etc.

ISK 14 23:33:18.6, 36.93N-29.24E, h5km, MD2.8, ISCJB 14 23:33:20.6-0.6, 36.92N-0.04-29.22E-0.04, h10km, Error ellipse: s-maj=5.8km s-min=4.8km az=163.0

CSEM 14 23:33:20.9-0.1, 36.95N-29.18E, h6km, 2km, MD2.8, Error ellipse: s-maj=3.6km s-min=2.6km az=169.0

DDA 14 23:33:21.5, 37.03N-29.18E, h7km, 6km, MD2.8

ISC 14 23:33:20.8-0.6, 36.94N-0.04-29.20E-0.04, h7km, 10km, n21, c+0593/31, Turkey

Main table of station data for the second section, including codes like FETH, GLHS, DALY, etc.

ISK 14 23:47:35.1, 34.44N-31.98E, h28km, MD3.1, CSEM 14 23:47:38.5-0.8, 34.38N-32.64E, h8km, MD2.8, Error ellipse: s-maj=13.9km s-min=8.6km az=19.0

NEIC 14 23:47:38.5, 34.39N-32.66E, h20km, ML3.3(NIC), After NIC

NIC 14 23:47:38.5-0.2, 34.39N-32.66E, h20km, ML3.3, MW2.8

ISCJB 14 23:47:39.9-0.7, 34.47N-0.03-32.64E-0.06, h8km, 6km, Error ellipse: s-maj=8.1km s-min=4.7km az=13.8

GII 14 23:47:41.5-0.0, 34.47N-32.80E, h1km, MD2.7/3

ISC 14 23:47:41.2-0.7, 34.52N-0.03-32.66E-0.05, h10km, 6km, n39, c+077/67, Cyprus region

Small table of station data for the third section, including codes like ZCAC, etc.

Main table of station data for the middle section, including codes like SZAC, SZAC, SZAC, etc.

ISCJB 14 23:53:11.5-0.2, 45.64N-0.01-2.98E-0.02, h10km, Error ellipse: s-maj=1.8km s-min=1.7km az=42.8

NEIC 14 23:53:14.9, 45.62N-2.91E, h5km, ML2.8(LDG), ML3.0(STR), After STR

STR 14 23:53:14.9-0.1, 45.62N-2.91E, h5km, ML3.0, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

LDG 14 23:53:14.6-0.0, 45.64N-2.92E, h1km, MD3.1/3, ML2.8/35, Error ellipse: s-maj=0.6km s-min=0.5km az=167.0

ISC 14 23:53:13.1-0.2, 45.64N-0.01-2.91E-0.01, h10km, n143, c+1521/304, France

Main table of station data for the middle section, including codes like PYM, PYM, PYM, etc.

Main table of station data for the right section, including codes like RJF, RJF, RJF, etc.

ISCJB 14 23:53:11.5-0.2, 45.64N-0.01-2.98E-0.02, h10km, Error ellipse: s-maj=1.8km s-min=1.7km az=42.8

NEIC 14 23:53:14.9, 45.62N-2.91E, h5km, ML2.8(LDG), ML3.0(STR), After STR

STR 14 23:53:14.9-0.1, 45.62N-2.91E, h5km, ML3.0, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

LDG 14 23:53:14.6-0.0, 45.64N-2.92E, h1km, MD3.1/3, ML2.8/35, Error ellipse: s-maj=0.6km s-min=0.5km az=167.0

ISC 14 23:53:13.1-0.2, 45.64N-0.01-2.91E-0.01, h10km, n143, c+1521/304, France

Main table of station data for the right section, including codes like ORIF, ORIF, ORIF, etc.

Y21A	Point of Rocks	25.45 326	↑P	P	03 08 32.4 +1.3
LAZ	Ladron	25.46 327	eP	P	03 08 32.1 +1.0
X22A	Bernat Ranch	25.47 327	↑P	P	03 08 32.4 +1.2
119A	Ashpeak Ranch	25.49 321	↑P	P	03 08 32.9 +1.5
ANMO	Albuquerque	25.54 329	P	P	03 08 33.1 +1.3
ANMO	comp-Z,30nm,0.6s		pmax	pmax	
ANMO	comp-Z,10um,19.6s		MLR	MLR	
ANMO	Albuquerque	25.54 329	P	P	03 08 33.1 +1.2
ANMO	comp-Z,30nm,0.6s,mb5.0,baz=148,slow=12,SNR=89		LR	LR	03 21 02.3
ANMO	Albuquerque	25.54 329	eP	P	03 08 31.8 0.0
ANMO	comp-Z,11um,19.0s,MS5.4		LR	LR	
BLO	Bloomington	25.70 8	eP	P	03 08 31.9 -1.4
PCRV	Puerto La Cruz	25.76 95	P	P	03 08 34.6 +0.6
Y20A	Horse Springs	25.77 325	↑P	P	03 08 35.2 +1.3
217A	Green Valley	25.79 318	↑P	P	03 08 35.0 +0.9
118A	Homestead Ranch	25.82 320	↑P	P	03 08 35.6 +1.2
Z19A	T-Link Ranch	25.84 322	↑P	P	03 08 36.0 +1.4
W22A	Albuquerque	25.84 328	↑P	P	03 08 35.3 +0.7
X21A	Alamocita Cree	25.84 326	↑P	P	03 08 35.7 +1.1
KSU1	Kansas State U	25.89 349	eP	P	03 08 33.2 -1.8
KSU1	comp-Z,5um,19.0s,MS5.1		LR	LR	
TUC	Tucson	26.11 319	eP	P	03 08 37.5 +0.4
TUC	comp-Z,43um,19.0s,MS6.0		MLR	MLR	
Z18A	Geonim	26.16 321	↑P	P	03 08 38.7 +1.2
117A	Oracle	26.25 319	↑P	P	03 08 38.8 +0.5
W21A	San Felipe	26.28 327	↑P	P	03 08 38.9 +0.3
X20A	Quemado	26.30 325	↑P	P	03 08 39.8 +1.1
Y19A	Nutrisio	26.30 323	↑P	P	03 08 40.3 +1.5
CBKS	Cedar Bluff	26.31 344	eP	P	03 08 37.5 -1.3
CBKS	comp-Z,203nm,0.9s,mb5.7		pmax	pmax	
CBKS	comp-Z,13um,21.0s,MS5.4		MLR	MLR	
CBKS	Cedar Bluff	26.31 344	eP	P	03 08 37.5 -1.3
CBKS	comp-Z,203nm,0.9s,mb5.7		LR	LR	
216A	Three Points	26.35 317	↑P	P	03 08 39.6 +0.4
Z17A	San Carlos Hig	26.57 321	↑P	P	03 08 42.2 +1.0
Y18A	Canyo Dam Jun	26.64 322	↑P	P	03 08 43.2 +1.4
X19A	St. Johns	26.66 324	↑P	P	03 08 43.5 +1.5
W20A	Ramah	26.74 326	↑P	P	03 08 43.8 +1.1
V21A	Milan	26.80 328	↑P	P	03 08 44.1 +0.8
HDIL	Hopedale	26.84 2	eP	P	03 08 41.9 -1.6
HDIL	comp-Z,22um,22.0s,MS5.7		LR	LR	
116A	Eloy	26.87 318	↑P	P	03 08 44.4 +0.5
Y17A	Roosevelt	27.07 321	↑P	P	03 08 46.3 +0.6
X18A	Snowflake	27.11 323	↑P	P	03 08 47.5 +1.4
CBN	Corbin	27.19 23	eP	P	03 08 46.1 -0.6
CBN	comp-Z,57nm,0.5s,mb5.4		LR	LR	
Z16A	Peralta Trail	27.19 320	↑P	P	03 08 47.5 +0.6
W19A	Ganders	27.21 325	↑P	P	03 08 48.2 +1.2
V20A	Brimhall	27.23 327	↑P	P	03 08 47.6 +0.5
214A	Organ Pipe Nat	27.23 316	↑P	P	03 08 47.7 +0.5
115A	Sonoran Desert	27.30 318	↑P	P	03 08 48.7 +0.9
GVA	Apache Juncito	27.34 324	↑P	P	03 08 48.9 +0.8
ACSO	Alum Creek Sta	27.35 13	eP	P	03 08 46.9 -1.3
SDCO	Great Sand Dun	27.37 334	eP	P	03 08 47.9 -0.5
SDCO	comp-Z,194nm,1.5s,mb5.4		ePcP	PcP	03 12 08.9 +1.9
SDCO			LR	LR	
T22A	Edith	27.40 331	↑P	P	03 08 48.9 +0.3
W18A	Petrified Fore	27.41 325	↑P	P	03 08 50.2 +1.4
V19A	Window Rock	27.47 326	↑P	P	03 08 50.3 +1.0
X17A	Forest Lakes	27.48 322	↑P	P	03 08 51.1 +1.7
Y16A	Circle Bar Ran	27.58 320	↑P	P	03 08 51.4 +1.1
Z15A	Gila River Ind	27.62 319	↑P	P	03 08 51.3 +0.6
MCWV	Mont Chateau	27.63 18	eP	P	03 08 49.9 -0.7
MCWV	comp-Z,56um,20.0s,MS6.1		LR	LR	
U20A	Newcomb	27.70 328	↑P	P	03 08 51.7 +0.4
114A	Black Gap (USA	27.76 317	↑P	P	03 08 52.7 +0.7
X16A	Lo Mia Camp, P	27.92 321	↑P	P	03 08 54.3 +1.0
W17A	Winslow	27.95 323	↑P	P	03 08 54.6 +1.0
Y18A	Ganado	27.99 325	↑P	P	03 08 54.6 +1.0
U19A	Dine' College,	27.99 327	↑P	P	03 08 54.5 +0.6
ANWB	Willy Bob	28.14 78	PFAKE	LR	03 09 10.0 +1.5
ANWB	comp-Z,17um,19.0s,MS5.7		LR	LR	
Y15A	Casa Rosa Ranch	28.16 320	↑P	P	03 08 56.0 +0.5
Z14A	Wintersburg	28.18 318	↑P	P	03 08 56.4 +0.7
SCIA	State Center	28.25 356	eP	P	03 08 56.6 +0.5
SCIA	comp-Z,135nm,0.8s,mb5.6		LR	LR	
T19A	Beclabito	28.30 328	↑P	P	03 08 56.9 +0.2
R22A	Saguache, Gunn	28.32 333	↑P	P	03 08 57.1 +0.2
MVCO	Mesa Verde	28.33 329	↑P	P	03 08 56.9 0.0
MVCO	Mesa Verde	28.33 329	eP	P	03 08 57.4 +0.5
MVCO	comp-Z,64nm,0.5s,mb5.6		LR	LR	
S21A	Coal Bank Pass	28.34 331	↑P	P	03 08 57.1 +0.1
113A	Mohawk Valley	28.36 316	↑P	P	03 08 57.9 +0.6
GRGR	Grenville	28.38 90	PFAKE	LR	03 09 10.0 +1.2
GRGR	comp-Z,5um,21.0s,MS5.1		LR	LR	
V17A	Tonalea, Kykot	28.38 324	↑P	P	03 08 58.3 +0.9
W16A	Flagstaff	28.44 322	↑P	P	03 08 59.4 +1.5
U18A	Rough Rock, Ch	28.44 326	↑P	P	03 08 58.6 +0.7
SDMD	Soldier's Deli	28.44 23	eP	P	03 08 57.6 -0.3
X15A	Humboldt	28.45 321	↑P	P	03 08 58.9 +0.8

Z13A	Yuma Proving G	28.55 317	↑P	P	03 08 59.6 +0.7
Y14A	Wickenburg	28.58 319	↑P	P	03 08 60.0 +0.7
SPIG	San Pedro Mart	28.59 311	↑P	P	03 08 59.4 0.0
WUAZ	Wupatki	28.64 323	↑P	P	03 09 00.7 +1.0
WUAZ	Wupatki	28.64 323	eP	P	03 09 00.9 +1.3
WUAZ	comp-Z,422nm,1.0s,mb5.1		LR	LR	
DFD	Fort de France	28.69 84	PFAKE	LR	03 09 10.0 +1.0
DFD	comp-Z,25um,19.0s,MS5.8		LR	LR	
112A	Yuma	28.76 315	↑P	P	03 09 01.5 +0.5
R21A	Cimarron	28.80 332	↑P	P	03 09 01.2 +0.1
X14A	Yava	28.85 320	↑P	P	03 09 02.8 +1.2
Q22A	Crested Butte,	28.91 333	↑P	P	03 09 01.7 -0.4
W15A	Williams	28.94 322	↑P	P	03 09 03.8 +1.5
U16A	Tuba City	28.94 324	↑P	P	03 09 03.4 +1.1
OGNE	Jorgula	28.94 342	eP	P	03 09 00.9 -1.4
OGNE	comp-Z,337nm,1.2s,mb5.0		LR	LR	
OGNE	comp-Z,7um,22.0s,MS5.2		LR	LR	
NNA	Nana	28.95 151	P	P	03 09 02.6 0.0
NNA	comp-Z,14nm,0.9s,mb4.7,baz=342,slow=11,SNR=4.0		LR	LR	03 18 36.1
NNA	Nana	28.95 151	eP	P	03 09 01.3 -1.3
NNA	comp-Z,54nm,1.1s,mb5.2		LR	LR	
T18A	Mexican Hat	28.98 327	↑P	P	03 09 02.9 +0.1
U17A	Shonto	29.01 326	↑P	P	03 09 03.8 +0.9
Y13A	Salome	29.04 318	↑P	P	03 09 04.4 +1.1
R20A	Redvale	29.04 331	↑P	P	03 09 03.6 +0.4
S19A	Harvey Farm, M	29.07 329	↑P	P	03 09 03.6 +0.1
MVL	Milville	29.14 23	eP	P	03 09 03.1 -1.0
SSPA	Standing Stone	29.15 20	eP	P	03 09 03.0 -1.2
SSPA	comp-Z,65nm,1.0s,mb5.3		LR	LR	
ISCO	Idaho Springs	29.16 336	eP	pmax	03 09 03.5 -0.8
ISCO	comp-Z,67nm,1.2s,mb5.2		MLR	MLR	
ISCO	Idaho Springs	29.16 336	eP	P	03 09 03.5 -0.8
ISCO	comp-Z,67nm,1.2s,mb5.2		LR	LR	
Q21A	Lambert Mesa,	29.19 332	↑P	P	03 09 04.2 -0.3
SMCO	Snowmass	29.20 334	eP	P	03 09 06.6 +2.0
AAM	Ann Arbor	29.21 11	eP	pmax	03 09 02.9 -1.8
AAM	comp-Z,109nm,0.8s,mb5.6		MLR	MLR	
AAM	Ann Arbor	29.21 11	eP	P	03 09 02.9 -1.7
AAM	comp-Z,109nm,0.8s,mb5.6		LR	LR	
GLA	Glamis	29.25 315	eP	P	03 09 06.5 +1.3
GLA	comp-Z,29nm,SNR=33		P	P	03 09 05.7 +0.6
GLA	Glamis	29.25 315	eP	P	03 09 05.8 +0.6
V15A	Kaibab Nationa	29.32 323	↑P	P	03 09 07.3 +1.5
T17A	Navajo Res., N	29.37 326	↑P	P	03 09 07.0 +0.7
W14A	Seligman	29.46 321	↑P	P	03 09 08.5 +1.5
Y12C	Blythe	29.46 317	↑P	P	03 09 08.0 +1.0
S18A	Hurst Farm, BI	29.46 328	↑P	P	03 09 07.2 +0.3
X13A	Yucca	29.52 319	↑P	P	03 09 08.3 +0.7
PDMCI	Parker Dam,Lak	29.54 318	↑P	P	03 09 08.5 +0.8
R19A	Curley Farm, L	29.55 330	↑P	P	03 09 08.0 +0.2
Q20A	Ridgley Place,	29.61 332	↑P	P	03 09 07.9 -0.5
P21A	Newcastle	29.70 333	↑P	P	03 09 09.2 +0.2
V14A	Guadalupe Ranc	29.75 321	↑P	P	03 09 10.7 +1.2
T16A	Glen Canyon Da	29.75 325	↑P	P	03 09 10.6 +1.0
U15A	North Rim	29.80 323	↑P	P	03 09 11.6 +1.6
S17A	Black Ridge (B	29.84 327	↑P	P	03 09 10.8 +0.4
SWSC	Sam W. Stewart	29.85 314	↑P	P	03 09 11.7 +1.1
ERPA	Erie	29.87 16	eP	P	03 09 09.1 -1.4
ERPA	comp-Z,35nm,0.6s,mb5.3		LR	LR	
W13A	Hualapai Mount	29.88 320	↑P	P	03 09 12.1 +1.4
R18A	Canyonlands Na	29.94 329	↑P	P	03 09 11.1 -0.1
BC3	Big Chuck Mt	30.02 316	↑P	P	03 09 13.1 +1.1
Q19A	Hogan Spring (	30.07 330	↑P	P	03 09 12.0 -0.3
P20A	De Beque	30.10 332	↑P	P	03 09 12.3 -0.3
IRM	Iron Mountain	30.12 317	↑P	P	03 09 13.9 +1.0
BBSR	BB Station	30.23 48	eP	P	03 09 12.6 -1.3
BBSR	comp-Z,79nm,0.8s,mb5.5		LR	LR	
MONP	Monument Peak	30.26 314	↑P	P	03 09 14.9 +0.8
T15A	Red Dirt Ranch	30.27 324	↑P	P	03 09 15.2 +1.1
Q21A	Pagoda	30.28 334	↑P	P	03 09 14.4 +0.2
BBGH	Gun Hill	30.32 87	PFAKE	LR	03 09 20.0 +5.2
U14A	Mt Trumbull	30.32 312	eP	P	03 09 16.2 +1.6
BAR	Barrett	30.33 313	eP	P	03 09 15.8 +1.0
BAR	comp-Z,68nm,1.2s,mb5.2		eScP	ScP	03 15 56.0 +1.6
R17A	Hanksville Air	30.38 328	↑P	P	03 09 15.6 +0.5
PHWY	Pitt Hill	30.41 338	eP	P	03 09 14.8 -0.5
ECSD	EROS Data Cent	30.41 352	eP	P	03 09 13.2 -2.1
ECSD	comp-Z,13um,19.0s		LR	LR	
V13A	Grand Canyon V	30.43 321	↑P	P	03 09 17.0 +1.4
P19A	Crislie Cowboy	30.48 332	↑P	P	03 09 15.4 -0.5
O20A	White River C	30.55 333	↑P	P	03 09 16.7 +0.2
BELC	Belle Mtn	30.59 316	↑P	P	03 09 17.9 +0.9
Q18A	Rafter H Ranch	30.61 329	↑P	P	03 09 17.2 +0.1
W12A	Cal Nev Ari	30.63 319	↑P	P	03 09 18.7 +1.3
LDFC	Landfair	30.65 318	eP	P	03 09 18.9 +2.2
PFO	Pinyon Flat Ob	30.68 315	↑P	P	03 09 18.8 +1.0

R16A	Teasdale	30.68 327	↑P	P	03 09 19.1 +1.3
T14A	Hurricane	30.70 323	↑P	P	03 09 19.4 +1.4
S15A	Pancho	30.72 325	↑P	P	03 09 19.9 +1.8
109C	Camp Elliot, M	30.75 313	↑P	P	03 09 19.1 +0.7
N21A	Black Mountain	30.75 332	↑P	P	03 09 18.9 +0.5
U13A	Pakoon Wash	30.79 325	↑P	P	03 09 20.2 +1.4
SRU	San Rafael	30.81 329	eP	pmax	03 09 20.0 +1.1
SRU	comp-Z,199nm,1.5s,mb5.7		P	P	03 09 18.7 -0.2
SRU	San Rafael	30.81 329	eP	P	03 09 20.0 +1.1
SRU	comp-Z,199nm,1.5s,mb5.7		P	P	03 09 20.2 +1.1
GMRC	Granite Mounta	30.83 317	↑P	P	03 09 20.2 +1.1
V12A	Nelson	30.89 320	↑P	P	03 09 20.6 +0.9
M22A	Cedar Creek Ra	30.92 336	↑P	P	03 09 19.8 -0.1
Q16A	Castle Valley	30.99 328	↑P	P	03 09 21.3 +0.8
R15A	Junction	31.06 326	↑P	P	03 09 22.4 +1.3
P18A	Prest				

MOD	comp-Z,25um,20.0s,MS6.0	LR	LR						
HOPS	Hoiland 38.10 317 eP	P	P	03 10 23.1	+1.1				
HOPS	comp-Z,193nm,1.3s,mb5.7	LR	LR						
F12A	Elk City 38.14 332 iP	P	P	03 10 21.4	-0.7				
CHMT	Chamberlain Mo 38.17 335 eP	P	P	03 10 21.8	-0.6				
E13A	Victor 38.19 334 iP	P	P	03 10 21.7	-0.9				
C16A	Fuhringer Ranch 38.29 337 iP	P	P	03 10 22.6	-0.8				
G11A	Walters Elk Ra 38.34 331 iP	P	P	03 10 22.9	-1.0				
B17A	L&G Farms, Che 38.35 338 iP	P	P	03 10 22.4	-1.5				
MSO	Missoula 38.39 334 eP	P	P	03 10 23.6	-0.6				
MSO	comp-Z,44nm,1.1s,mb5.1	eScP	ScP	03 16 23.1	+0.4				
1D4A	Greenough 38.41 335 iP	P	P	03 10 23.2	-1.2				
BMO	Blue Mountains 38.45 329 eP	P	P	03 10 23.4	-1.4				
BMO	comp-Z,60nm,1.0s,mb5.3	LR	LR						
H09A	Durkee 38.50 329 iP	P	P	03 10 24.0	-1.2				
SLMT	Seely Lake 38.53 335 eP	P	P	03 10 25.0	-0.1				
C15A	Salmond Ranch, 38.60 336 iP	P	P	03 10 25.3	-0.1				
WDC	Whiskeytown Da 38.64 320 eP	P	P	03 10 24.7	-1.8				
WDC	comp-Z,50nm,0.9s,mb5.2	ePmax	ePmax						
WDC	comp-Z,14um,22.0s,MS5.7	MLR	MLR						
WDC	Whiskeytown Da 38.64 320 eP	P	P	03 10 24.6	-1.8				
WDC	comp-Z,50nm,0.9s,mb5.2	ePcP	PcP	03 12 37.1	-1.1				
F11A	Grangeville 38.65 331 iP	P	P	03 10 25.1	-1.4				
G10A	Bishop Farm, J 38.68 330 iP	P	P	03 10 25.6	-1.1				
B16A	M & M Farms, S 38.78 338 iP	P	P	03 10 26.2	-1.3				
D13A	Huson 38.81 334 iP	P	P	03 10 26.7	-1.2				
A17A	Triple J Farms 38.87 339 iP	P	P	03 10 27.0	-1.2				
H08A	Prairie City 38.91 328 iP	P	P	03 10 28.5	-0.2				
K05A	Summer Lake 38.94 324 iP	P	P	03 10 28.9	0.0				
SWMT	Swartz Lake 38.95 335 eP	P	P	03 10 28.1	-0.9				
G09A	Cove 38.99 329 iP	P	P	03 10 28.0	-1.3				
B15A	Bradley Ranch, 39.02 337 iP	P	P	03 10 28.2	-1.4				
E11A	Bogner Ranch, 39.03 332 iP	P	P	03 10 28.1	-1.5				
C14A	Swan Lake 39.05 335 iP	P	P	03 10 28.8	-1.0				
I07A	Izee 39.05 327 iP	P	P	03 10 29.5	-0.4				
H0G	Hoegback Ranch 39.12 323 P	P	P	03 10 31.4	+0.9				
D12A	Red Ives Fores 39.17 333 iP	P	P	03 10 29.4	-1.4				
A16A	West Butte Ran 39.19 338 iP	P	P	03 10 29.7	-1.2				
F10A	Beach Ranch, E 39.22 331 iP	P	P	03 10 30.4	-0.9				
YBMT	Yellow Bay 39.23 335 eP	P	P	03 10 31.1	-0.3				
JTMT	Jette 39.25 335 eP	P	P	03 10 31.0	-0.5				
JTMT	comp-Z,18nm,0.6s,mb5.0	ePcP	PcP	03 12 40.4	+0.6				
C13A	Hot Springs 39.32 334 iP	P	P	03 10 31.1	-1.0				
F09A	S2 Ranch Elgi 39.36 330 iP	P	P	03 10 31.6	-0.8				
YB	Yreka Blue Hor 39.41 321 eP	P	P	03 10 32.3	-0.6				
YB	comp-Z,71nm,0.9s	ePmax	ePmax	03 16 27.0					
YB	comp-Z,19um,20.0s	MLR	MLR						
YB	Yreka Blue Hor 39.41 321 P	P	P	03 10 31.9	-1.0				
YB	comp-Z,63nm,0.8s,mb4.5,baz=148,slow=4.2,SNR=46	ScP	ScP	03 16 25.8	-1.0				
YB	comp-Z,3.4nm,0.7s,baz=84,slow=5.4,SNR=4.4	LR	LR	03 28 43.3					
YB	comp-Z,22um,20.7s,MS6.0,baz=144,slow=39	LR	LR						
YB	Yreka Blue Hor 39.41 321 eP	P	P	03 10 32.3	-0.6				
YB	comp-Z,71nm,0.9s,mb5.4	eScP	ScP	03 16 27.0	+0.3				
H07A	Lands Inn, Kim 39.43 327 iP	P	P	03 10 32.1	-0.9				
E10A	Myers Farm, Un 39.54 331 iP	P	P	03 10 32.3	-1.6				
BSMT	Bassoo Peak 39.55 334 eP	P	P	03 10 33.5	-0.4				
BSMT	comp-Z,18nm,0.7s,mb4.9	eScP	ScP	03 16 27.5	+0.4				
G08A	Pilot Rock 39.59 328 iP	P	P	03 10 33.3	-1.0				
D11A	Klavens Farm, 39.60 332 iP	P	P	03 10 32.8	-1.6				
A15A	Johnson Ranch, 39.63 337 iP	P	P	03 10 33.3	-1.4				
LNOR	Linton Mounta 39.66 330 P	P	P	03 10 35.0	+0.1				
LNOR	comp-Z,19nm,0.9s,mb4.8	ePmax	ePmax						
LNOR	Linton Mounta 39.66 330 eP	P	P	03 10 34.9	0.0				
C12B	Naegeli Ranch, 39.73 334 iP	P	P	03 10 34.4	-1.1				
B13A	Whitefish 39.83 335 iP	P	P	03 10 35.4	-0.8				
F08A	Pendleton 39.85 329 iP	P	P	03 10 35.1	-1.4				
A14A	Double T Ranch 39.89 337 iP	P	P	03 10 35.8	-1.0				
H06A	Lindquist Farm 39.93 327 iP	P	P	03 10 36.9	-0.3				
VIPM	Ingram Point 39.94 326 P	P	P	03 10 37.1	-0.1				
D10A	Wagner Farm, O 40.04 332 iP	P	P	03 10 36.6	-1.4				
E09A	Wood Farm, Sta 40.05 330 iP	P	P	03 10 36.7	-1.5				
GMO	Grizzlie Mount 40.07 326 P	P	P	03 10 38.8	-0.7				
HUMO	Hull Mountain 40.08 322 eP	P	P	03 10 37.6	-0.8				
HUMC	comp-Z,25nm,0.6s,mb5.1	LR	LR						
BBOR	Butler Butte 40.08 323 P	P	P	03 10 37.7	-0.7				
WALA	Waterton Lakes 40.15 336 eP	P	P	03 10 38.7	-0.2				
WALA	comp-Z,0.9nm,0.9s	eScP	ScP	03 16 28.7	-0.8				
A13A	Flathead Natio 40.25 336 iP	P	P	03 10 39.4	-0.4				
B12A	Libby 40.37 334 iP	P	P	03 10 40.3	-0.4				
G06A	Carlson Farm, 40.42 327 iP	P	P	03 10 39.9	-1.3				
F07A	Phinny Hill Vi 40.50 328 iP	P	P	03 10 41.1	-0.8				
D09A	Jones Farm, Ri 40.52 331 iP	P	P	03 10 41.4	-0.7				
C10A	Spiker Farm, O 40.62 332 iP	P	P	03 10 41.4	-1.4				
HAWA	Hanford 40.65 329 eP	P	P	03 10 42.2	-0.9				
HAWA	comp-Z,26nm,0.8s,mb4.9	eScP	ScP	03 16 33.3	+1.8				
B11A	Sandpoint 40.67 334 iP	P	P	03 10 42.3	-1.0				
RSW	Rattlesnake Hi 40.68 329 eP	P	P	03 10 43.7	+0.4				

A12A	Yaak River Ran 40.75 335 iP	P	P	03 10 43.2	-0.7				
D08A	Wollman Farm, 40.81 330 iP	P	P	03 10 43.7	-0.8				
NEW	Newport 40.87 333 eP	P	P	03 10 43.8	-1.1				
NEW	comp-Z,17nm,0.6s	ePmax	ePmax						
NEW	comp-Z,14um,20.0s	MLR	MLR						
NEW	Newport 40.87 333 eP	P	P	03 10 43.8	-1.1				
NEW	comp-Z,16nm,0.6s,mb4.8	eScP	ScP	03 16 31.5	-0.8				
H04A	Detroit Lake 40.91 325 iP	P	P	03 10 44.9	-0.3				
MDW	Midway 40.91 329 P	P	P	03 10 45.3	0.0				
E07A	Sunnyside 40.92 329 iP	P	P	03 10 44.7	-0.7				
B10A	Chitwood Farm, 40.94 333 iP	P	P	03 10 44.3	-1.1				
OD2	Oodess Site #2 40.95 331 P	P	P	03 10 44.6	-0.9				
HOOD	Mount Hood Mea 41.02 326 eP	P	P	03 10 47.5	+1.3				
C09A	Chrisman Ranch 41.05 332 iP	P	P	03 10 45.4	-0.9				
A11A	Hall Mountain, 41.07 334 iP	P	P	03 10 46.0	-0.5				
RNO	Roman Nose 41.31 323 P	P	P	03 10 49.1	+0.5				
C08A	Higginbotham F 41.39 331 iP	P	P	03 10 48.7	-0.5				
G04A	Mulino 41.40 326 iP	P	P	03 10 49.1	-0.1				
D07A	Quincy 41.42 330 iP	P	P	03 10 49.0	-0.5				
B09A	Rice 41.44 332 iP	P	P	03 10 48.5	-1.1				
COR	Corvallis 41.47 324 eP	P	P	03 10 50.4	+0.5				
COR	comp-Z,486nm,1.3s,mb6.0	ePmax	ePmax						
COR	comp-Z,12um,19.0s,MS5.8	MLR	MLR						
COR	Corvallis 41.47 324 eP	P	P	03 10 50.4	+0.5				
COR	comp-Z,486nm,1.3s,mb6.0	LR	LR						
E06A	Yakim 41.48 328 iP	P	P	03 10 50.0	+0.1				
SIV	San Ignacio 41.55 134 P	P	P	03 10 49.4	-1.4				
A10A	North Fork 41.60 333 iP	P	P	03 10 49.4	-1.5				
C07A	Waterville 41.81 330 iP	P	P	03 10 51.4	-1.2				
F04A	Ambo 41.83 327 iP	P	P	03 10 51.9	-0.9				
D06A	Cle Elum 41.85 329 iP	P	P	03 10 52.5	-0.4				
ETW	Entiat 41.88 330 eP	P	P	03 10 53.6	+0.4				
LVC	Limon Verde 41.89 149 P	P	P	03 10 53.5	-0.1				
LVC	comp-Z,59nm,1.1s,mb5.2,baz=313,slow=7.4,SNR=19	PcP	PcP	03 12 48.1	-0.9				
LVC	comp-Z,16nm,0.9s,baz=317,slow=7.2,SNR=3.1	ePcP	PcP	03 12 49.9	+1.0				
LVC	Lim Verde 41.89 149 iP	LR	LR						
FFC	Flin Flon 41.93 350 eP	P	P	03 10 51.8	-1.7				
FFC	comp-Z,57nm,0.6s,mb5.4	ePmax	ePmax						
FFC	Flin Flon 41.93 350 eP	P	P	03 10 51.8	-1.7				
FFC	comp-Z,57nm,0.6s,mb5.4	LR	LR						
B08A	Colville Reser 41.94 331 iP	P	P	03 10 52.3	-1.4				
TDL	Tradedollar La 41.99 327 P	P	P	03 10 54.4	+0.3				
LON	Langmore 42.04 328 eP	P	P	03 10 54.6	+0.1				
LON	comp-Z,165nm,0.8s,mb5.7	ePmax	ePmax						
LON	Langmore 42.04 328 eP	P	P	03 10 54.6	+0.1				
A09A	Danville 42.05 333 iP	P	P	03 10 53.4	-1.1				
HEBO	Mount Hebo 42.11 325 eP	P	P	03 10 56.2	+1.2				
C06A	Tall Timber Ra 42.38 330 iP	P	P	03 10 56.6	-0.6				
B07A	Winthrop 42.38 331 iP	P	P	03 10 56.3	-1.0				
D05A	Enumclaw 42.42 328 iP	P	P	03 10 57.2	-0.4				
F03A	Lebam 42.44 326 iP	P	P	03 10 58.1	+0.3				
E03A	Lebam 42.83 327 iP	P	P	03 11 00.7	-0.2				
A07A	Ashpola 42.92 331 iP	P	P	03 11 01.2	-0.4				
RPW	Rockport 43.04 330 eP	P	P	03 11 02.0	-0.6				
RPW	comp-Z,16nm,0.6s,mb4.9	eScP	ScP	03 16 39.5	-1.5				
JCW	Jim Creek 43.07 329 eP	P	P	03 11 01.9	-1.0				
B06A	Marblemount 43.07 330 iP	P	P	03 11 01.7	-1.2				
EDM	Edmonton 43.38 340 eP	P	P	03 11 03.5	-1.8				
NLWA	Neilton Lookou 43.53 327 iP	P	P	03 11 06.6	0.0				
NLWA	Neilton Lookou 43.53 327 eP	P	P	03 11 07.4	+0.8				
NLWA	comp-Z,244nm,1.1s,mb5.8	ScP	ScP	03 16 43.4	+0.4				
A05A	Maple Falls 43.69 330 iP	P	P	03 11 06.8	-1.0				
PGC	Sidney 44.13 329 eP	P	P	03 11 12.0	+0.6				
RPN	Rapa Nui 44.37 204 eP	P	P	03 11 12.5	-1.0				

Table with columns for station code, name, frequency, power, and status. Includes stations like XMAS Kiriritimati, SDPT Sand Point, FALS False Pass, BORG Borgarnes, ALE Alert, SCO Scoresbysund, AKUT Akutan, UNV Unalaska Valle, USHA Ushuaia, etc.

Table with columns for station code, name, frequency, power, and status. Includes stations like RTC, ESK Eskdalemuir, ESK Esk, ESK Eskdalemuir, SFS San Fernando, QUIF Quistinic, QUIF Quistinic, PAB San Pablo, ASCN Ascension, ESCD Sonseca Array, etc.

Table with columns for station code, name, frequency, power, and status. Includes stations like CAF Calviac, BGF Bois d'Angland, BGF Bois d'Angland, BGF Bois d'Angland, BGF Bois d'Angland, BGF Bois d'Angland, etc.

15d 3h

2008 APR

656

Table with multiple columns containing flight information: airline codes (e.g., KOLS, CEL, UZH), flight numbers (e.g., Celeste 94.27), destinations (e.g., PFAKE, LR), times (e.g., 03 16 31.5), and other identifiers. The table is organized into several vertical columns.

NEIC Felt at Gabrovo.
IDC 15 03:43:12.8.2.0.43.01'N-25.34'E, h19km, 12km, mbr3.8/15,
mb1 3.9/26, mb1mx3.9/34, mbtmp3.8/26, ML3.4/8,
ellipse: s-maj=12.1km s-min=10.2km az=149.0
BEO 15 03:43:14.8.2.0.7.43.04'N-25.26'E, h25km, 3km, ML4.3/11
ISC 15 03:43:11.2.0.3.42.921'N.010.25.36E.0.01, h6km, 2km,
n737, c1907/893, mb4.1/23, 54C-54D, Bulgaria

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

Table with columns: VAY, Valandovo, 2.62 233, Pn, Sg, etc. Lists seismic events with station codes and magnitudes.

Table with columns: YLV, Yalova, 3.82 127, Pn, Sg, etc. Lists seismic events with station codes and magnitudes.

KULA	Kula-Manisa	5.07 149	eP	Pn	03 44 27.9 +0.2	KWP	ePP	03 44 57.5	comp=Z,60nm,1.0s	KBA	Koelnbreinsper	9.47 300	ePn	Pn	03 45 30.1 +2.1
HCY	Herceg Novi	5.08 267	l/Pn	Sn	03 44 28.3 +0.5	KWP	ePPP	03 45 06.1		KBA			eSn	Pn	03 47 11.0 -3.7
HCY	Herceg Novi	5.08 267	l/Pn	Sn	03 44 28.3 +0.5	KWP	eP	03 45 42.4		ABTA	Abfaltersbach	9.89 297	l/Pn	Pn	03 45 33.6 -0.2
HCY	Herceg Novi	5.08 267	l/Pn	Sn	03 44 28.3 +0.5	KWP	eS	03 46 23.6 +1.1		ABTA	Abfaltersbach	9.89 297	l/Pn	Pn	03 45 33.6 -0.2
IGT	Igoumenitsa	5.08 230	P	Pn	03 44 29.3 +1.5	KWP	eSS	03 46 46.4		ABTA	Abfaltersbach	9.89 297	l/Pn	Pn	03 47 23.2 -1.9
ATHU	Athens Univiers	5.09 194	P	Pn	03 44 27.5 -0.5	KWP	eSg	GE 47 12.0 +1.8		GECC	GERESS Array S	10.05 310	eP	Pn	03 45 35.8 -0.2
ATHU	Athens Univiers	5.09 194	P	Pn	03 44 27.5 -0.5	KWP	eSg	03 44 54.3 +0.7		GECC			ePm	Pm	
ATH	Athens Observa	5.10 195	P	Pn	03 44 27.5 -0.6	KWP	eP	03 44 54.1 +0.5		GECC	comp=Z,9.0nm,1.6s	10.05 310	eP	Pn	03 45 35.8 -0.2
KALE	Kalithra	5.14 226	P	Pn	03 44 28.3 -0.4	KWP	ePP	03 44 57.5		GECC	comp=Z,9.0nm,1.6s	10.05 310	eP	Pn	03 45 35.8 -0.2
KALE	Kalithra	5.14 226	P	Pn	03 44 28.3 -0.4	KWP	ePP	03 44 57.5		GERES	GERESS Array S	10.05 310	eP	Pn	03 45 35.6 -0.4
TREB	Trebinje	5.16 270	ePn	Pn	03 44 29.6 +0.7	KWP	eP	03 44 54.1 +0.5		GERES	comp=Z,9.0nm,1.6s	10.05 310	eP	Pn	03 45 35.6 -0.4
TREB	Trebinje	5.16 270	ePn	Pn	03 44 29.6 +0.7	KWP	eP	03 44 56.0 +2.4		GERES	comp=Z,9.0nm,1.6s	10.05 310	eP	Pn	03 45 35.6 -0.4
EFF	Epalio	5.20 211	eP	Pn	03 44 30.1 +1.5	LVV	eS	03 46 19.0 +5.9		GERES	comp=Z,9.0nm,1.6s	10.05 310	eP	Pn	03 45 35.6 -0.4
VLY	Voula, Athens	5.20 194	eP	Pn	03 44 29.0 -0.5	BRTR	Keskin Array B	7.00 114	Pn	BRTR	Keskin Array B	7.00 114	Pn	Pn	03 44 54.4 +0.1
LTK	Loutrak	5.22 201	P	Pn	03 44 29.3 +0.5	BRTR	Keskin Array B	7.00 114	Pn	BRTR	comp=N,1.7nm,0.3s,baz=293,slow=16,SNR=19	7.00 114	Pn	Pn	03 44 54.4 +0.1
LTK	Loutrak	5.22 201	P	Pn	03 44 29.3 +0.5	BRTR	Keskin Array B	7.00 114	Pn	BRTR		7.00 114	Pn	Pn	03 44 54.4 +0.1
KEK	Kerkira	5.27 234	P	Pn	03 44 32.3 +1.9	ELL	Elmali	7.09 149	eP	ELL	Elmali	7.09 149	eP	Pn	03 44 55.3 -0.1
KEK	Kerkira	5.27 234	P	Pn	03 44 32.3 +1.9	ELL	Elmali	7.09 149	eP	ELL	Elmali	7.09 149	eP	Pn	03 44 55.3 -0.1
KEK	Kerkira	5.27 234	P	Pn	03 44 32.3 +1.9	ELL	Elmali	7.09 149	eP	ELL	Elmali	7.09 149	eP	Pn	03 44 55.3 -0.1
KEK	Kerkira	5.27 234	P	Pn	03 44 32.3 +1.9	ELL	Elmali	7.09 149	eP	ELL	Elmali	7.09 149	eP	Pn	03 44 55.3 -0.1
ALT	Alintass	5.28 135	eP	Pn	03 44 31.2 +0.6	STHS	Stebnicka Huta	7.09 338	ePn	STHS	Stebnicka Huta	7.09 338	ePn	Pn	03 44 56.9 +1.4
SMG	Samos	5.33 167	eP	Pn	03 44 31.0 -0.2	STHS	Stebnicka Huta	7.09 338	ePn	STHS	Stebnicka Huta	7.09 338	ePn	Pn	03 44 56.9 +1.4
LAKA	Lakka	5.33 210	P	Pn	03 44 31.9 +0.6	LADK	Ladik-KONYA	7.12 129	eP	LADK	Ladik-KONYA	7.12 129	eP	Pn	03 44 56.1 +0.3
LAKA	Lakka	5.33 210	P	Pn	03 44 31.9 +0.6	LADK	Ladik-KONYA	7.12 129	eP	LADK	Ladik-KONYA	7.12 129	eP	Pn	03 44 56.1 +0.3
LAKA	Lakka	5.33 210	P	Pn	03 44 31.9 +0.6	LADK	Ladik-KONYA	7.12 129	eP	LADK	Ladik-KONYA	7.12 129	eP	Pn	03 44 56.1 +0.3
NAIG	Nisos Agina	5.35 196	eP	Pn	03 44 31.5 -0.1	BYBT	Boyabat	7.14 99	eP	BYBT	Boyabat	7.14 99	eP	Pn	03 44 53.7 -2.4
ESKT	Eskisehir	5.36 128	eP	Pn	03 44 32.9 +0.4	VYHS	Vyhne	7.20 323	ePn	VYHS	Vyhne	7.20 323	ePn	Pn	03 44 55.2 +1.5
ESKT	Eskisehir	5.36 128	eP	Pn	03 44 32.9 +0.4	VYHS	Vyhne	7.20 323	ePn	VYHS	Vyhne	7.20 323	ePn	Pn	03 44 55.2 +1.5
GUR	Goura	5.48 206	eP	Pn	03 44 33.5 +0.1	VYHS	Vyhne	7.20 323	ePn	VYHS	Vyhne	7.20 323	ePn	Pn	03 44 55.2 +1.5
KHAL	Karahalli	5.53 144	iP	Pn	03 44 34.4 +0.5	VYHS	Vyhne	7.20 323	ePn	VYHS	Vyhne	7.20 323	ePn	Pn	03 44 55.2 +1.5
KHAL	Karahalli	5.53 144	iP	Pn	03 44 34.4 +0.5	VYHS	Vyhne	7.20 323	ePn	VYHS	Vyhne	7.20 323	ePn	Pn	03 44 55.2 +1.5
KHL	Karahalli	5.58 144	eP	Pn	03 44 35.4 +0.7	SUDU	Sudak	7.24 71	l/P	SUDU	Sudak	7.24 71	l/P	Pn	03 44 56.7 -0.8
KAR	Karahalli	5.58 144	eP	Pn	03 44 35.4 +0.7	SUDU	Sudak	7.24 71	l/P	SUDU	Sudak	7.24 71	l/P	Pn	03 44 56.7 -0.8
STON	Ston	5.62 272	l/Pn	Pn	03 44 36.9 +1.6	SUDU	Sudak	7.24 71	l/P	SUDU	Sudak	7.24 71	l/P	Pn	03 44 56.7 -0.8
STON	Ston	5.62 272	l/Pn	Pn	03 44 36.9 +1.6	SUDU	Sudak	7.24 71	l/P	SUDU	Sudak	7.24 71	l/P	Pn	03 44 56.7 -0.8
STON	Ston	5.62 272	l/Pn	Pn	03 44 36.9 +1.6	SUDU	Sudak	7.24 71	l/P	SUDU	Sudak	7.24 71	l/P	Pn	03 44 56.7 -0.8
DID	Didima	5.65 197	eP	Pn	03 44 35.5 -0.1	SUDU	Sudak	7.24 71	l/P	SUDU	Sudak	7.24 71	l/P	Pn	03 44 56.7 -0.8
DID	Didima	5.65 197	eP	Pn	03 44 35.5 -0.1	SUDU	Sudak	7.24 71	l/P	SUDU	Sudak	7.24 71	l/P	Pn	03 44 56.7 -0.8
DID	Didima	5.65 197	eP	Pn	03 44 35.5 -0.1	SUDU	Sudak	7.24 71	l/P	SUDU	Sudak	7.24 71	l/P	Pn	03 44 56.7 -0.8
DID	Didima	5.65 197	eP	Pn	03 44 35.5 -0.1	SUDU	Sudak	7.24 71	l/P	SUDU	Sudak	7.24 71	l/P	Pn	03 44 56.7 -0.8
DID	Didima	5.65 197	eP	Pn	03 44 35.5 -0.1	SUDU	Sudak	7.24 71	l/P	SUDU	Sudak	7.24 71	l/P	Pn	03 44 56.7 -0.8
SAFT	Safarbolu	5.71 105	eP	Pn	03 44 35.3 -0.3	ANTB	Antalya	7.26 144	eP	ANTB	Antalya	7.26 144	eP	Pn	03 44 58.0 +0.2
SAFT	Safarbolu	5.71 105	eP	Pn	03 44 35.3 -0.3	ANTB	Antalya	7.26 144	eP	ANTB	Antalya	7.26 144	eP	Pn	03 44 58.0 +0.2
SAFT	Safarbolu	5.71 105	eP	Pn	03 44 35.3 -0.3	ANTB	Antalya	7.26 144	eP	ANTB	Antalya	7.26 144	eP	Pn	03 44 58.0 +0.2
SAFT	Safarbolu	5.71 105	eP	Pn	03 44 35.3 -0.3	ANTB	Antalya	7.26 144	eP	ANTB	Antalya	7.26 144	eP	Pn	03 44 58.0 +0.2
SAFT	Safarbolu	5.71 105	eP	Pn	03 44 35.3 -0.3	ANTB	Antalya	7.26 144	eP	ANTB	Antalya	7.26 144	eP	Pn	03 44 58.0 +0.2
SVRH	Sivrihisar-ESK	5.80 125	eP	Pn	03 44 37.7 -0.1	KONT	Konya-Tatoy	7.29 131	eP	KONT	Konya-Tatoy	7.29 131	eP	Pn	03 44 58.4 +0.1
SVRH	Sivrihisar-ESK	5.80 125	eP	Pn	03 44 37.7 -0.1	KONT	Konya-Tatoy	7.29 131	eP	KONT	Konya-Tatoy	7.29 131	eP	Pn	03 44 58.4 +0.1
PKSM	Moragy	5.82 307	iP	Pn	03 44 37.3 -0.6	NIE	Niedzica	7.38 333	eP	NIE	Niedzica	7.38 333	eP	Pn	03 44 59.7 +0.3
PKSM	Moragy	5.82 307	iP	Pn	03 44 37.3 -0.6	NIE	Niedzica	7.38 333	eP	NIE	Niedzica	7.38 333	eP	Pn	03 44 59.7 +0.3
PKSM	Moragy	5.82 307	iP	Pn	03 44 37.3 -0.6	NIE	Niedzica	7.38 333	eP	NIE	Niedzica	7.38 333	eP	Pn	03 44 59.7 +0.3
PKSM	Moragy	5.82 307	iP	Pn	03 44 37.3 -0.6	NIE	Niedzica	7.38 333	eP	NIE	Niedzica	7.38 333	eP	Pn	03 44 59.7 +0.3
PKSM	Moragy	5.82 307	iP	Pn	03 44 37.3 -0.6	NIE	Niedzica	7.38 333	eP	NIE	Niedzica	7.38 333	eP	Pn	03 44 59.7 +0.3
SHUT	Suhut-Afyon	5.88 136	eP	Pn	03 44 39.3 +0.4	KOGS	Kog	7.38 302	iP	KOGS	Kog	7.38 302	iP	Pn	03 44 58.6 -0.9
SHUT	Suhut-Afyon	5.88 136	eP	Pn	03 44 39.3 +0.4	KOGS	Kog	7.38 302	iP	KOGS	Kog	7.38 302	iP	Pn	03 44 58.6 -0.9
SHUT	Suhut-Afyon	5.88 136	eP	Pn	03 44 39.3 +0.4	KOGS	Kog	7.38 302	iP	KOGS	Kog	7.38 302	iP	Pn	03 44 58.6 -0.9
RHK3	Tenkens	5.89 303	eP	Pn	03 44 38.4 -0.5	KOLL	Kolacno	7.46 322	ePn	KOLL	Kolacno	7.46 322	ePn	Pn	03 44 55.8 -4.7
MLSB	Milas	5.92 161	eP	Pn	03 44 39.5 +0.1	KOLL	Kolacno	7.46 322	ePn	KOLL	Kolacno	7.46 322	ePn	Pn	03 44 55.8 -4.7
MLSB	Milas	5.92 161	eP	Pn	03 44 39.5 +0.1	KOLL	Kolacno	7.46 322	ePn	KOLL	Kolacno	7.46 322	ePn	Pn	03 44 55.8 -4.7
MLSB	Milas	5.92 161	eP	Pn	03 44 39.5 +0.1	KOLL	Kolacno	7.46 322	ePn	KOLL	Kolacno	7.46 322	ePn	Pn	03 44 55.8 -4.7
BODT	Bodrum	6.04 165	eP	Pn	03 44 40.8 -0.3	FEOD	Feodosiya	7.54 70	eP	FEOD	Feodosiya	7.54 70	eP	Pn	03 45 02.0 +2.6
BODT	Bodrum	6.04 165	eP	Pn	03 44 40.8 -0.3	FEOD	Feodosiya	7.54 70	eP	FEOD	Feodosiya	7.54 70	eP	Pn	03 45 02.0 +2.6
BODT	Bodrum	6.04 165	eP	Pn	03 44 40.8 -0.3	FEOD	Feodosiya	7.54 70	eP	FEOD	Feodosiya	7.54 70	eP	Pn	03 45 02.0 +2.6
BDRM	Kayabasi	6.06 164	iP	Pn	03 44 39.7 -1.7	FEOD	Feodosiya	7.54 70	eP	FEOD	Feodosiya	7.54 70	eP	Pn	03 45 02.0 +2.6
BDRM	Kayabasi	6.06 164	iP	Pn	03 44 39.7 -1.7	FEOD	Feodosiya	7.54 70	eP	FEOD	Feodosiya	7.54 70	eP	Pn	03 45 02.0 +2.6
UZH	Uzghorod	6.10 341	eP	Sn	03 44 46.5 +4.7	FEOD	Feodosiya	7.54 70	eP	FEOD	Feodosiya	7.54 70	eP	Pn	03 45 02.0 +2.6
UZH	Uzghorod	6.10 341	eP	Sn	03 44 46.5 +4.7	FEOD	Feodosiya	7.54 70	eP	FEOD	Feodosiya	7.54 70	eP	Pn	03 45 02.0 +2.6
UZH	Uzghorod	6.10 341	eP	Sn	03 44 46.5 +4.7	FEOD	Feodosiya	7.54 70	eP	FEOD	Feodosiya	7.54 70	eP	Pn	03 45 02.0 +2.6
UZH	Uzghorod	6.10 341	eP	Sn	03 44 46.5 +4.7	FEOD	Feodosiya	7.54 70	eP	FEOD	Feodosiya	7.54 70	eP	Pn	03 45 02.0 +2.6
UZH	Uzghorod	6.10 341	eP	Sn	03 44 46.5 +4.7	FEOD	Feodosiya	7.54 70	eP	FEOD	Feodosiya	7.54 70	eP	Pn	03 45 02.0 +2.6
UZH	Uzghorod	6.10 341	eP	Sn	03 44 46.5 +4.7	FEOD	Feodosiya	7.54 70	eP	FEOD	Feodosiya	7.54 70	eP	Pn	03 45 02.0 +2.6
UZH	Uzghorod	6.10 341	eP	Sn	03 44 46.5 +4.7	FEOD	Feodosiya	7.54 70	eP	FEOD	Feodosiya	7.54 70	eP	Pn	03 45 02.0 +2.6
UZH	Uzghorod	6.10 341	eP	Sn	03 44 46.5 +4.7	FEOD	Feodosiya	7.54 70	eP	FEOD	Feodosiya	7.54 70	eP	Pn	03 45 02.0 +2.6
UZH	Uzghorod	6.10 341	eP	Sn	03 44 46.5 +4.7	FEOD	Feodosiya	7.54 70	eP	FEOD	Feodosiya	7.54 70	eP	Pn	03 45 02.0 +2.6
UZH	Uzghorod	6.10 341	eP	Sn	03 44 46.5 +4.7	FEOD	Feodosiya	7.54 70	eP	FEOD	Feodosiya	7.54 70	eP	Pn	03 45 02.0 +2.6
UZH	Uzghorod	6.10 341	eP	Sn	03 44 46.5 +4.7	FEOD	Feodosiya	7.54 70	eP	FEOD	Feodosiya	7.54 70	eP	Pn	03 45 02.0 +2.6
UZH	Uzghorod	6.10 341	eP	Sn	03 44 46.5 +4.7	FEOD	Feodosiya	7.54 70	eP	FEOD	Feodosiya	7.54 70	eP	Pn	03 45 02.0 +2.6
UZH	Uzghorod	6.10 341	eP	Sn	03 44 46.5 +4.7	FEOD	Feodosiya	7.54 70	eP	FEOD	Feodosiya	7.54 70	eP	Pn	03 45 02.0 +2.6
UZH</															

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JTS, JuntasAbangare, Vista Hermosa, etc.

NNC 15 04:01:08.36.8.50.54N.91.08E, h0km, mb3.7, mpv3.4, Error ellipse: s-maj=69.1km s-min=52.4km az=63.0

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

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

CRAAG 15 04:05:18.9.36.31N.9.00E, M3.5, TUN 15 04:05:23.0.37.0N.8.32E, h4km, MD3.0

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

ISCJB 15 04:07:02.4e.1.5.13.43N.0.05.90.93W.0.03, h23km, 16km, mb3.4/2, Error ellipse: s-maj=9.0km s-min=3.2km az=22.2

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

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

ISCJB 15 04:08:07.0.0.4.45.96N.0.08.142.3E.0.1, h342km, 5km, mb3.4/12, Error ellipse: s-maj=13.8km s-min=11.3km az=32.6

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

ISCJB 15 04:07:05.9.0.9.1.13.56N.90.87W, h21km, 5km, MD3.9, NEIC 15 04:07:05.9.0.9.1.13.46N.90.87W, h35km, MD4.4 (MEX)

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

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

ISCJB 15 04:36:05.7.0.7.13.33N.0.06.90.98W.0.03, h54km, 8km, mb3.6/5, Error ellipse: s-maj=11.0km s-min=3.6km az=23.5

Table with columns: ACAD, ACkadag, 1.74 31 i P, Pn, 06 35 52.9 0.0, etc.

IDC 15 06:43:00.6:4.7, 36.70N:72.12E, h0km, mb2.8/1, mb1 3.6/6, mb1mx3.4/26, mbtimp3.5/6, ML3.4/4, Error ellipse: s-maj=67.2km s-min=44.1km az=168.0, NNC 15 06:43:13.6:6.8, 38.28N:71.26E, h0km, mb3.7, mpv3.5, Error ellipse: s-maj=73.2km s-min=33.6km az=177.0, ISC 15 06:43:17.1:3.0, 38.00N:02.71E:0.1, h70km, 24km, n11, -153.1/4, 6C-10, Afghanistan-Tajikistan border region

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

IDC 15 06:44:17.1:0.5, 55.71S:29.98W, h0km, mb5.0/18, mb1 5.0/18, mb1mx4.9/22, mbtimp5.0/18, MS4.7/15, Ms1 4.7/15, ms1mx4.6/19, Error ellipse: s-maj=21.0km s-min=12.1km az=22.0, NEIC 15 06:44:17.4:0.2, 55.79S:29.98W, h4km, mb5.4/23, MW5.3, Error ellipse: s-maj=9.6km s-min=6.6km az=198.0, Moment Tensor Solution. s11 Moment tensor: Scale 10^17Nm; Mrr=0.93; Mth=0.30; Mtl=1.24; Mbb=0.67; Mbb=0.21; Mbb=0.02; Best double couple: M=1.300000*10^17 NP1: 0.340,00000, 0.851,00000, -1.134,00000. NP2: 0.216,00000, 0.856,00000, -1.50,00000. Principal axes: T 1.2700, Plg3.0000, Azm278.0000, N 0.0800, Plg32.0000, Azm10.0000; P -1.3500, Plg57.0000, Azm184.0000

ISCJB 15 06:44:17.6:0.3, 55.67S:0.06:30.1W:0.1, h10km, mb5.2/35, MS5.1/24, Error ellipse: s-maj=10.3km s-min=6.1km az=135.6, GCMT 15 06:44:17.4:0.1, 55.82S:30.08W, h12km, MW5.4/96, Moment Tensor Solution. s67,c102; s96,c170; Duration: 1s2 Moment tensor: Scale 10^17Nm; Mrr=1.21+-0.02; Mth=0.19+-0.02; Mtl=1.40+-0.02; Mbb=0.26+-0.07; Mbb=0.02+-0.02; Mbb=0.34+-0.05; Best double couple: M=1.137800*10^17 NP1: 0.348,00000, 0.839,00000, -1.10,00000. NP2: 0.193,00000, 0.854,00000, -1.75,00000. Principal axes: T 1.4470, Plg8.0000, Azm272.0000; N -0.1380, Plg12.0000, Azm4.0000; P -1.3100, Plg76.0000, Azm151.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s

MOS 15 06:44:21.4:1.4, 55.72S:30.06W, h33km, mb5.6/9, Error ellipse: s-maj=23.2km s-min=16.9km az=119.2, BUI 15 06:44:22.0, 55.80S:30.00W, h33km, mb5.3/15, MS5.8/18, MS7.5/16

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

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

Main table with columns: MAW, MAWson, 41.37 145 P, S, 06 58 23.0 +4.0, etc.

Table with columns: SCO, SCOsresbysund, 126.04 3 i P, PKPdf, 07 03 21.0 +1.1, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TNA Tin City, GCSA Galena City Sc, IM3 Indiana Mountai, etc.

ISCJB 15 07:18:43.7-0.9, 12.6N, 0.1:95.3E:0.1, h23km, mb3.9/8, MS4.5/2, Error ellipse: s-maj=18.9km s-min=14.2km az=159.7

IDC 15 07:18:45.0-0.9, 12.39N, 95.05E, h22km, 4km, mb3.8/8, mb1.3/9.6, mb1mx3.7/22, mbtrmp3.9/8, MS4.4/2, Ms1.4/2, ms1mx3.3/35, Error ellipse: s-maj=47.2km s-min=13.5km az=60.0

ISC 15 07:18:46.0-0.9, 12.6N, 0.1:95.3E:0.1, h25km, h25km, 7km, pP, n12, c06/2/10, mb3.9/8, MS4.5/2, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NST Nakhon Sawan, BDT Bhumibol Dam, MKAR Makanchi Array, etc.

TIF 15 07:19:54.6, 42.45N, 43.42E, h10km

CSEM 15 07:19:55.9-0.4, 42.53N, 43.48E, h8km, ML2.8, Error ellipse: s-maj=5.3km s-min=4.7km az=8.0

DDA 15 07:19:56.7, 42.62E, h7km, Md2.8

ISC 15 07:19:56.5-0.8, 42.51N, 0.10:43.46E:0.07, h9km, 10km, n16, c06/5/27, Western Caucasus

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ONI Oni, KEH Kehvi, GOR Gori, etc.

MAN 15 07:23:17, 17.68N, 122.39E, h31km, mb4.2, ML3.0, MS2.8, 1D, Luzon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CVP Callao Caves, PALP Palanan, SCGP Mt. Cagua, etc.

ISCJB 15 07:31:41.5-0.2, 18.32N, 0.02:100.93W:0.02, h65km, mb4.7/112, Error ellipse: s-maj=3.1km s-min=1.7km az=28.4

BUI 15 07:31:42.4, 18.30N, 101.00W, h65km, MB5.1/4, MS5.5/3, Ms7.5/1/3

IDC 15 07:31:42.3-0.7, 18.52N, 100.84W, h56km, 5km, mb4.3/16, mb1.4/8, mb1mx4.4/23, mbtmp4.4/18, MS4.0/3, Ms1.4/0/3, ms1mx3.5/26, Error ellipse: s-maj=18.3km s-min=11.5km az=64.0

NEIC 15 07:31:43.4, 18.31N, 101.01W, h66km, mb4.7/100, MD4.6(MEX), After MEX

MEX 15 07:31:43.9-0.6, 18.32N, 100.98W, h57km, 14km, MD4.6

MOS 15 07:31:45.7, 1.8, 18.67N, 100.73W, h88km, mb4.8/39, Error ellipse: s-maj=9.0km s-min=4.7km az=79.4

ISC 15 07:31:43.1-0.2, 18.32N, 0.02:100.91W:0.02, h67km, h67km, 2.6km, pP, n563, c104/600, mb4.7/112, 121C-118D, Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZIG Zihuatanejo, MEIG Mezcala, PLIG Platanillo, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ACX Acapulco, YAU Yautepac, CHVM Chichinautzin, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like 121A Cookes Peak, 219A White Tail Can, 120A U Bar Ranch, etc.

MONP	baz=20,SNR=17	20.12 319	↑P	P	07 36 12.7 +1.1
PLAL	Pickwick Lake comp=Z,43nm,1.3s	20.14 32	eP	P	07 36 09.4 -2.3
U17A	Shonto baz=20,SNR=11	20.14 337	↑P	P	07 36 12.6 +0.9
S21A	Coal Bank Pass baz=20,SNR=47	20.20 344	↑P	P	07 36 13.0 +0.7
IRM	Iron Mountain baz=20,SNR=7.0	20.27 324	↑P	P	07 36 13.9 +0.8
HALT	Halls 20.29 28	eP	P	07 36 12.7 -0.8	
T18A	Mexican Hat baz=20,SNR=29	20.34 339	↑P	P	07 36 14.5 +0.5
V14A	Boquillas Ranc baz=20,SNR=15	20.36 330	↑P	P	07 36 15.4 +1.3
CBKS	Cedar Bluff	20.45 3	eP	P	07 36 13.8 -1.3
CBKS	comp=Z,100nm,1.3s				
CBKS	Cedar Bluff comp=Z,100nm,1.3s	20.45 3	eP	P	07 36 13.8 -1.3
CBKS					07 36 30.9
R22A	Saguache, Gunn baz=20,SNR=34	20.49 347	↑P	P	07 36 16.5 +1.0
T17A	Navajo Res., N baz=20,SNR=9.1	20.55 337	↑P	P	07 36 17.0 +0.9
GLAT	Glass baz=20,SNR=9.1	20.62 28	↑P	P	07 36 15.2 -1.7
U15A	North Rim baz=20,SNR=12	20.65 333	↑P	P	07 36 18.6 +1.3
PARMO	Parma	20.75 26	eP	P	07 36 16.8 -1.6
PARMO					07 36 35.5
R21A	Cimarron baz=21,SNR=17	20.80 345	↑P	P	07 36 19.6 +0.7
T16A	Glen Canyon Da baz=21,SNR=5.6	20.80 335	↑P	P	07 36 19.7 +0.8
R20A	Redvale baz=21,SNR=42	20.85 343	↑P	P	07 36 20.2 +0.8
S18A	Hurst Farm, BI baz=21,SNR=23	20.88 339	↑P	P	07 36 20.3 +0.6
V13A	Grand Canyon W baz=21,SNR=20	20.95 329	↑P	P	07 36 21.6 +1.1
GMRC	Granite Mounta baz=21	21.01 324	↑P	P	07 36 22.0 +0.9
U14A	Mt Trumbull 21.04 331	↑P	P	07 36 22.4 +1.0	
KSU1	Kansas State U comp=Z,51nm,1.0s,mb4.8	21.04 9	eP	P	07 36 19.3 -2.2
MURC	Murrieta 21.08 319	↑P	P	07 36 22.9 +0.9	
S17A	Black Ridge (B baz=21,SNR=17	21.11 338	↑P	P	07 36 22.6 +0.4
Q22A	Crested Butte, baz=21,SNR=19	21.13 347	↑P	P	07 36 22.8 +0.4
WWT	Waverly comp=Z,34nm,0.5s,mb4.9	21.17 30	eP	P	07 36 20.4 -2.5
WWT	Waverly comp=Z,34nm,0.5s,mb4.9	21.17 30	eP	P	07 36 20.4 -2.5
T15A	Red Dirt Ranch baz=21,SNR=15	21.19 334	↑P	P	07 36 23.5 +0.5
R19A	Curley Farm, L baz=21	21.20 342	↑P	P	07 36 22.9 -0.2
Q21A	Lamborn Mesa, baz=21	21.25 346	↑P	P	07 36 24.0 +0.3
V12A	Nelson baz=21	21.29 327	↑P	P	07 36 24.9 +0.8
U13A	Pakoon Wash baz=21	21.40 330	↑P	P	07 36 26.1 +0.8
CCM	Cathedral Cave comp=Z,16nm,0.6s,mb4.5	21.40 21	eP	P	07 36 23.2 -2.2
CCM	Cathedral Cave comp=Z,16nm,0.6s,mb4.5	21.40 21	eP	P	07 36 23.1 -2.2
SMCO	Snowmass comp=Z,39nm,1.2s,mb4.6	21.45 347	eP	P	07 36 26.4 +0.6
SWET	Sewanee 21.45 35	eP	P	07 36 23.1 -2.7	
R16A	Canyonlands Na baz=21,SNR=14	21.48 340	↑P	P	07 36 26.0 -0.2
T14A	Hurricane baz=21	21.53 333	↑P	P	07 36 27.1 +0.4
Q20A	Ridgely Place, baz=21,SNR=15	21.55 344	↑P	P	07 36 27.2 +0.3
FVM	French Village comp=Z,27nm,0.7s,mb4.7	21.63 23	eP	P	07 36 24.6 -3.2
FVM	French Village comp=Z,27nm,0.7s,mb4.7	21.63 23	eP	P	07 36 24.6 -3.2
V11A	Goodsprings baz=22	21.68 327	↑P	P	07 36 28.8 +0.5
GOGA	Godfrey comp=Z,38nm,1.4s,mb4.5	21.68 43	eP	P	07 36 27.4 -1.0
GOGA	Godfrey comp=Z,38nm,1.4s,mb4.5	21.68 43	eP	P	07 36 27.4 -1.0
U12A	Valley of Fire baz=22	21.69 329	↑P	P	07 36 29.4 +1.0
R17A	Hanksville Air baz=22,SNR=6.3	21.78 339	↑P	P	07 36 29.2 -0.1
BFSC	Mount Baldy St baz=22	21.79 320	↑P	P	07 36 30.3 +0.7
ISCO	Idaho Springs comp=Z,20nm,0.7s,mb4.6	21.79 350	eP	P	07 36 29.1 -0.4
ISCO	Idaho Springs comp=Z,20nm,0.7s,mb4.6	21.79 350	eP	P	07 36 29.1 -0.4
Q19A	Hogan Spring (B baz=22,SNR=8.2	21.81 342	↑P	P	07 36 29.5 -0.2
T13A	Saint George baz=22,SNR=7.4	21.86 331	↑P	P	07 36 30.9 +0.7
SIUC	Southern Hill comp=Z,60nm,1.0s,mb4.9	21.87 26	eP	P	07 36 28.2 -2.1
P21A	Newcastle baz=22,SNR=12	21.88 346	↑P	P	07 36 30.1 -0.3
R16A	Teasdale baz=22	21.93 337	↑P	P	07 36 31.4 +0.4
GSC	Goldstone baz=22	22.03 323	↑P	P	07 36 32.1 0.0
CCUT	Cedar City comp=Z,3.7nm,0.9s,mb3.7	22.06 333	eP	P	07 36 33.8 +1.4
CCUT					07 36 53.0
P20A	De Beque baz=22	22.08 344	↑P	P	07 36 32.1 -0.5
R15A	Junction baz=22	22.17 336	↑P	P	07 36 33.9 +0.3
MTDJ	Mount Denham comp=Z,167nm,1.2s,mb5.2	22.19 87	eP	P	07 36 36.3 +2.4
Q18A	Rafter H Ranch baz=22,SNR=6.7	22.21 341	↑P	P	07 36 33.5 -0.4
S13A	Holt Ranch, En baz=22	22.30 332	↑P	P	07 36 35.2 +0.3
SRU	San Rafael comp=Z,13nm,0.8s,mb4.3	22.34 340	eP	P	07 36 35.3 0.0
SRU	San Rafael comp=Z,13nm,0.8s,mb4.3	22.34 340	eP	P	07 36 35.1 -0.3
SRU	San Rafael comp=Z,13nm,0.8s,mb4.3	22.34 340	eP	P	07 36 35.2 -0.1
P19A	Cripple Cowboy baz=22,SNR=16	22.36 343	↑P	P	07 36 35.0 -0.6
Q16A	Castle Valley baz=22,SNR=9.9	22.39 339	↑P	P	07 36 36.1 +0.3
CPCT	Cooper Cave e	22.41 37	eP	P	07 36 33.7 -2.4
OGNE	Ogallala comp=Z,43nm,0.9s,mb4.8	22.57 358	eP	P	07 36 36.5 -1.2
Q20A	White River Ci baz=22,SNR=15	22.65 345	↑P	P	07 36 38.9 +0.4
O11A	Corn Creek, AI baz=23	22.66 329	↑P	P	07 36 39.1 +0.4
P18A	Preston Nutter baz=23,SNR=5.3	22.73 341	↑P	P	07 36 39.3 0.0
TMUT	Trail Mountain comp=Z,21nm,0.6s,mb4.6	22.74 339	eP	P	07 36 39.9 +0.3
P17A	Butcher Ranch, baz=23	22.74 340	↑P	P	07 36 39.4 -0.1
USIN	University of C comp=Z,56nm,0.8s,mb4.9	22.74 28	eP	P	07 36 37.4 -2.2
S12A	Delamar Landin baz=23	22.78 330	↑P	P	07 36 40.5 +0.6
Q15A	Fillmore baz=23	22.90 337	↑P	P	07 36 41.5 +0.3
MPMC	Manual Propsec baz=23,SNR=5.1	22.96 324	↑P	P	07 36 41.8 -0.1
TKL	Tuckaleechee C comp=Z,9.0nm,0.4s,mb4.5	22.99 38	eP	P	07 36 38.5 -3.7
TKL					
TKL	Tuckaleechee C comp=Z,9.4nm,0.4s,mb4.5,baz=198,slow=11,SNR=23	22.99 38	eP	P	07 36 38.5 -3.7
TKL	Tuckaleechee C 22.99 38	eP	P	07 36 38.2 -4.0	
O19A	Miners Draw (B baz=20,SNR=12	23.02 344	↑P	P	07 36 41.9 -0.6
N21A	Black Mountain baz=23	23.08 347	↑P	P	07 36 43.2 +0.1
P16A	Fountain Green baz=23	23.17 339	↑P	P	07 36 44.0 0.0
OLIL	Olney comp=Z,34nm,0.6s,mb4.8	23.20 26	eP	P	07 36 41.6 -2.6
Q14A	Sevier Lake (B baz=23	23.24 335	↑P	P	07 36 45.0 +0.4
PHWY	Pilot Hill comp=Z,18nm,0.9s,mb4.4	23.24 351	eP	P	07 36 43.8 -0.8
O18A	Roosevelt baz=23	23.24 342	↑P	P	07 36 44.5 -0.1
N20A	Spence Gulch, baz=23,SNR=9.8	23.32 346	↑P	P	07 36 44.9 -0.4
O17A	Robinson Place baz=23,SNR=9.8	23.40 341	↑P	P	07 36 46.2 +0.2
M22A	Cedar Creek Ra baz=23,SNR=11	23.52 349	↑P	P	07 36 47.4 +0.3
MPU	Maple Canyon comp=Z,10nm,0.9s,mb4.2	23.53 339	eP	P	07 36 47.2 0.0
CWC	Cottonwood Cre baz=24	23.57 323	↑P	P	07 36 48.6 +1.0
WCI	Wyandotte Cave comp=Z,21nm,0.7s,mb4.6	23.59 30	eP	P	07 36 45.2 -2.6
WCI	Wyandotte Cave comp=Z,21nm,0.7s,mb4.6	23.59 30	eP	P	07 36 45.2 -2.6
WCI	Wyandotte Cave comp=Z,21nm,0.7s,mb4.6	23.59 30	eP	P	07 36 45.2 -2.6
N19A	John Jarvis Ra baz=24,SNR=12	23.60 344	↑P	P	07 36 47.4 -0.5
JSC	Jenkinsville 23.66 44	eP	P	07 36 47.1 -1.4	
JSC					07 37 06.4
P14A	Drum Mountains baz=24,SNR=6.1	23.67 336	↑P	P	07 36 48.6 +0.1
R11A	Troy Canyon, C baz=24,SNR=5.9	23.72 330	↑P	P	07 36 49.2 +0.2
NHSC	New Hope comp=Z,170nm,1.1s,mb4.9	23.72 48	eP	P	07 36 49.3 +0.3
VES	Vestal, Richgr baz=24	23.73 321	↑P	P	07 36 49.6 +0.4
TZTN	Tazewell comp=Z,46nm,1.4s,mb4.6	23.74 37	eP	P	07 36 48.0 -1.3
TZTN					07 37 12.2
DAU	Daniels Canyon comp=Z,13nm,0.8s,mb4.3	23.76 340	eP	P	07 36 50.2 +0.9
DAU					
DAU	Daniels Canyon comp=Z,13nm,0.8s,mb4.3	23.76 340	eP	P	07 36 50.2 +0.9
DAU					
N18A	Larsen Ranch, baz=24,SNR=5.3	23.81 343	↑P	P	07 36 49.9 +0.2
M21A	Separation Pea baz=24,SNR=6.3	23.86 348	↑P	P	07 36 50.6 +0.3
S10A	Tonopah Range, baz=24,SNR=6.1	23.87 328	↑P	P	07 36 50.8 +0.4
M20A	Sweetwater, Wa baz=24,SNR=8.1	23.87 346	↑P	P	07 36 50.7 -0.1
Q12A	Willow Creek R baz=24	23.93 332	↑P	P	07 36 51.5 +0.5
P13A	Bates Ranch, G baz=24	23.93 334	↑P	P	07 36 51.3 +0.4
DUG	Dugway comp=Z,16nm,1.3s,mb4.2	24.10 337	↑P	P	07 36 52.5 0.0
DUG	Dugway comp=Z,16nm,1.3s,mb4.2	24.10 337	↑P	P	07 36 52.5 0.0
DUG	Dugway comp=Z,16nm,1.3s,mb4.2	24.10 337	↑P	P	07 36 52.5 0.0
L22A	Ellis Ranch, M baz=24,SNR=11	24.10 350	↑P	P	07 36 52.8 +0.3
N17A	Mot Pass baz=24,SNR=6.1	24.11 341	↑P	P	07 36 53.0 +0.5
Q11A	Duckwater baz=24	24.15 331	↑P	P	07 36 52.8 -0.1
M19A	Rock Springs baz=24,SNR=5.8	24.17 345	↑P	P	07 36 52.1 -1.0
L21A	Rawlins baz=24	24.21 348	↑P	P	07 36 53.0 -0.4
BLO	Bloomington comp=Z,30nm,0.8s,mb4.7	24.25 28	eP	P	07 36 51.1 -2.7
BLO	Bloomington comp=Z,30nm,0.8s,mb4.7	24.25 28	eP	P	07 36 51.0 -2.7
BLO	Bloomington comp=Z,30nm,0.8s,mb4.7	24.25 28	eP	P	07 36 51.0 -2.7
HDIL	Hopedale comp=Z,13nm,1.0s,mb4.9	24.32 22	eP	P	07 36 51.9 -2.5
SCIA	State Center comp=Z,97nm,0.6s,mb5.3	24.41 14	eP	P	07 36 53.1 -2.1
GTBY	Guantanamo Bay comp=Z,49nm,0.8s,mb4.3	24.42 82	eP	P	07 36 57.3 +1.7
L20A	Wamsutter baz=24,SNR=18	24.45 347	↑P	P	07 36 55.0 -0.6
M17A	Scully Gap (B baz=24,SNR=8.8	24.55 342	↑P	P	07 36 56.5 0.0
L19A	Fansh baz=25,SNR=22	24.78 345	↑P	P	07 36 58.2 -0.4
L18A	Fontenelle, Gr baz=25,SNR=5.8	24.79 344	↑P	P	07 36 58.4 -0.3
N14A	Grayback Hills baz=25	24.82 341	↑P	P	07 36 58.8 -0.2
HWUT	Hardware Ranch comp=Z,25nm,0.8s,mb4.7	24.94 331	eP	P	07 36 59.7 -0.4
HWUT					07 37 15.5
K20A	Yellowstone Ra baz=25	25.07 347	↑P	P	07 37 00.4 -0.9
NVAR	Mina Array Bea comp=Z,9.3nm,0.7s,mb4.3,baz=148,slow=11,SNR=15	25.13 326	eP	P	07 37 02.9 +1.0
L17A	Goldville baz=25	25.18 342	↑P	P	07 37 02.1 -0.1
O11A	Cowboy Ranch, baz=25	25.20 333	↑P	P	07 37 02.8 +0.4
L16A	Fish Haven baz=25,SNR=6.9	25.27 341	↑P	P	07 37 02.3 -0.7
K19A	Absoleson Red B baz=25	25.34 346	↑P	P	07 37 03.1 -0.6
M14A	Sheep Mountain baz=25,SNR=7	25.45 338	↑P	P	07 37 04.5 -0.2

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CABO ROJO, WATERLOO LAKES, and various other frequencies.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LA FOLINIÈRE, LA DRUITIÈRE, and various other frequencies.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WRA, WRA, WRA, and various other frequencies.

ISCJB 15 07:32:44.1 ± 1.0, 16°20'N, 04°144'99E, 0.0'04, h8km, 6km, mb5.0/117, MS4.7/42, Error ellipse: s-maj=6.4km s-min=5.9km az=169.8

DJA 15 07:32:51, 16°28'N, 145°00'E, h40km, Mw5.6/13 ISC 15 07:32:47.1 ± 1.0, 16°19'N, 03°145'00E, 0.04, h20km, 7km, mb5.0/117, MS4.7/42, Mariana Islands region

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GUMO, GUMO, GUMO, and various other frequencies.

Table of station data for the left column, including station ID, name, coordinates, and various parameters like SNR and elevation.

Table of station data for the middle column, including station ID, name, coordinates, and various parameters like SNR and elevation.

Table of station data for the top right column, including station ID, name, coordinates, and various parameters like SNR and elevation.

Table with header 'MAN 15 08:04:32,879N.126.27E,h39km,mb4.8,ML3.7,MS3.8,' and station data for the middle right column.

Table with header 'CSEM 15 08:10:15.3,0.37;79N.36.30E,h2km,ML1.6,Error' and station data for the bottom right column.

Table with header 'ISK 15 08:13:53.3,36.05N.28.29E,h29km,MD2.9' and station data for the bottom right column.

Table with header 'ISCJJB 15 08:13:54.0,0.36;17N.0.05;26.30E,0.04,h61km,8km,' and station data for the bottom right column.

Table with header 'CSEM 15 08:13:54.9,0.36;16N.28.30E,h49km,5km,MD3.1,' and station data for the bottom right column.

Table with header 'DDA 15 08:13:54.9,36.36N.28.41E,h7km,3km,MD3.1' and station data for the bottom right column.

Table with header 'ISC 15 08:13:55.0,0.6,36;16N.0.05;26.30E,0.04,h57km,9km,' and station data for the bottom right column.

Table with header 'ISC 15 08:19:02.4,2.6,55;55N.86.13E,h0km,mb1.3,4/3,' and station data for the bottom right column.

Table with header 'NINC 15 08:19:06.3,2.3,55.4N.0.2,85.8E,0.2,h10km,n7,' and station data for the bottom right column.

Table with header 'ISC 15 08:19:06.3,2.3,55.4N.0.2,85.8E,0.2,h10km,n7,' and station data for the bottom right column.

Table with header 'ZALV Zalesovo Beam 1.58 201 Pg' and station data for the bottom right column.

Table with header 'KURK Kuratov 6.39 225 Jn' and station data for the bottom right column.

AKTO	comp=Z,3.4nm,0.5s,baz=84,slow=6.1,SNR=8.8	PcP	PcP	08 58 36.5	-0.9		
AKTO	comp=Z,3.4nm,18.0s,baz=205,slow=39	LR	LR	09 25 36.0			
M12A	baz=57	P	P	08 57 46.4	+0.2		
J15A	Blackfoot	57.61	60	↑P	P	08 57 46.5	+0.3
RAMN	Ramite	57.62	273	eP	P	08 57 45.8	-0.7
L13A	Double Diamond	57.68	62	↓P	P	08 57 47.5	+0.7
NVAR	Mina Array Bea	57.73	68	P	P	08 57 47.9	+0.7
NVAR	comp=Z,3.0nm,0.7s,mb4=5,baz=277,slow=10.0,SNR=7.4	pP	pP	08 58 13.6	+1.1		
YFT	Old Faithful	57.74	58	eP	P	08 57 48.5	+1.4
X14A	Jones Ranch, D	57.79	61	↓P	P	08 57 48.2	+0.7
I16A	Newdale	57.79	59	↑P	P	08 57 48.1	+0.7
G18A	Lazy EL Ranch,	57.81	56	↑P	P	08 57 48.0	+0.3
KKN	Kakani	57.84	275	eP	P	08 57 48.8	+0.8
KKN	Kakani	57.84	275	eP	P	08 57 48.8	+0.8
H17A	Grant Village	57.91	58	↑P	P	08 57 49.7	+1.4
SCO	Scoresysund	57.98	360	iP	P	08 57 47.6	-0.8
SCO	comp=Z,6.0nm,0.8s,mb4=9	pmax	pmax	08 57 47.6	-0.8		
SCO	Scoresysund	57.98	360	iP	P	08 57 47.6	-0.8
K15A	Arbon	58.04	60	↑P	P	08 57 49.8	+0.6
IMW	Indian Meadow	58.06	58	↓P	P	08 57 50.3	+0.9
IMW	comp=Z,1.6nm,1.2s,mb4=9	eP	eP	08 58 14.3	-0.5		
IMW	comp=Z,2.2nm,1.1s,mb5.1	sP	sP	08 58 23.9	-2.4		
O11A	Cowboy Ranch,	58.06	64	↑P	P	08 57 50.2	+0.7
DMN	Daman	58.07	275	eP	P	08 57 50.0	+0.3
GKN	Gorkha	58.08	276	eP	P	08 57 50.3	+0.6
L14A	Malta	58.10	61	↓P	P	08 57 50.2	+0.5
J16A	Bone	58.13	59	↑P	P	08 57 50.7	+0.8
DCID1	Drake Creek	58.14	59	eP	P	08 57 51.5	+1.5
I17A	Pilgrim Ck.	58.24	58	↑P	P	08 57 51.8	+1.1
DGMT	Dagmar	58.32	51	↓P	P	08 57 50.9	-0.2
DGMT	Dagmar	58.32	51	eP	P	08 57 50.9	-0.2
TPAW	Teton Pass	58.34	59	eP	P	08 57 52.2	+0.9
TPAW	Dangsing	58.37	277	eP	pP	08 58 19.4	+2.7
DANN	comp=Z,1.3nm,0.5s,mb5=2	eP	eP	08 57 53.0	+1.2		
LOHW	Long Hollow	58.44	58	eP	P	08 57 52.4	+0.4
K16A	Soda Springs	58.45	60	↑P	P	08 57 53.3	+1.2
SNOW	Snow King Moun	58.46	59	eP	P	08 57 53.1	+0.9
SNOW	comp=Z,1.5nm,1.1s,mb4=9	eP	eP	08 58 17.9	+0.3		
SNOW	comp=Z,1.5nm,1.1s,mb4=9	eP	eP	08 58 25.4	-3.7		
REDW	Red Top Meadow	58.48	59	eP	P	08 57 53.6	+1.3
REDW	comp=Z,4.4nm,1.5s,mb5=3	eP	eP	08 58 19.9	+2.2		
REDW	comp=Z,4.4nm,1.5s,mb5=3	eP	eP	08 58 26.4	-2.9		
O12A	Currie	58.48	64	↑P	P	08 57 52.7	+0.3
Q10A	Clear Creek Ra	58.54	66	↓P	P	08 57 53.3	+0.5
J17A	Brown Place, J	58.55	59	↓P	P	08 57 53.6	+0.8
LAO	LASA Array	58.57	53	eP	P	08 57 53.1	+0.2
LAO	comp=Z,2.4nm,1.0s,mb5=2	eP	eP	08 58 18.8	+0.5		
LAO	comp=Z,2.4nm,1.0s,mb5=2	eP	eP	08 58 25.4	-4.4		
L15A	Malad City	58.58	61	↓P	P	08 57 53.9	+0.8
AHID	Auburn Hatcher	58.75	59	eP	P	08 57 55.0	+0.8
AHID	comp=Z,8.9nm,0.9s,mb4=8	eP	eP	08 58 18.8	-0.8		
AHID	comp=Z,8.9nm,0.9s,mb4=8	eP	eP	08 58 28.1	-3.1		
I18A	Diamond G Ranc	58.79	58	↓P	P	08 57 55.1	+0.6
K17A	Gardner Place,	58.86	59	↓P	P	08 57 55.5	+0.6
KOLN	Koldiana	58.89	276	eP	P	08 57 56.2	+0.9
P12A	McGill	58.94	65	↑P	P	08 57 56.4	+0.8
Q11A	Duckwater	58.95	66	↓P	P	08 57 55.5	-0.1
R10A	Warm Springs	58.97	66	↓P	P	08 57 56.3	+0.5
J18A	Kendall Valley	59.02	58	↑P	P	08 57 56.3	+0.3
S10A	Topnoph Range,	59.05	67	↑P	P	08 57 57.1	+0.8
L16A	Fish Haven	59.09	60	↓P	P	08 57 57.1	+0.6
Q12A	Willow Creek R	59.28	65	↓P	P	08 57 58.2	+0.4
PKM	Peak Mountain	59.28	72	↑P	P	08 57 58.5	+0.5
HWUT	Hardware Ranch	59.30	61	eP	P	08 57 58.3	+0.3
HWUT	comp=Z,1.1nm,1.0s,mb4=8	eP	eP	08 58 20.3	-3.2		
R11A	Troy Canyon, C	59.33	66	↓P	P	08 57 58.4	+0.1
L17A	Koekville	59.34	60	↓P	P	08 57 58.4	+0.2
K18A	Toltan Ranch,	59.41	59	↓P	P	08 57 59.5	+0.8
P13A	Bates Ranch, G	59.45	64	↓P	P	08 57 59.5	+0.5
BW06	Boulder Array	59.57	59	↓P	P	08 58 00.3	+0.4
BW06	Boulder Array	59.57	59	eP	P	08 57 59.6	-0.3
BW06	comp=Z,1.4nm,1.1s,mb4=9	eP	eP	08 58 33.4	-3.5		
PDAR	Pinedale Array	59.57	59	P	P	08 58 00.0	+0.2
PDAR	comp=Z,7.3nm,0.9s,mb4=7,baz=314,slow=2.9,SNR=44	pP	pP	08 58 26.4	+1.1		
DUG	Dugway	59.60	63	eP	P	08 58 00.3	+0.2
DUG	comp=Z,10.0nm,1.0s,mb4=8	eP	eP	08 58 00.2	+0.2		
DUG	comp=Z,10.0nm,1.0s,mb4=8	eP	eP	08 58 00.3	+0.2		
S11A	Rachel	59.73	67	↓P	P	08 58 01.9	+0.9
MPMC	Manual Prospec	59.83	69	↓P	P	08 58 02.1	+0.4
N16A	Rees Ranch, Co	59.87	61	↑P	P	08 58 02.4	+0.5
R12A	Pony Springs,	59.90	65	↑P	P	08 58 02.5	+0.4
L18A	Fontenelle, Gr	59.90	60	↑P	P	08 58 02.2	+0.1
FURC	Furnace Creek,	59.91	68	↓P	P	08 58 02.6	+0.4
K19A	Absolon Red Bu	59.91	58	↓P	P	08 58 02.0	-0.1
NLU	North Lily Min	60.17	62	eP	P	08 58 04.8	+0.8
M18A	Lyman	60.23	60	↓P	P	08 58 04.5	+0.1
S12A	Delamar Landin	60.26	66	↑P	P	08 58 05.1	+0.4
K20A	Yellowstone Ra	60.29	58	↓P	P	08 58 04.5	-0.2
T11A	Corn Creek, Al	60.31	67	↑P	P	08 58 05.6	+0.7
O16A	Springville	60.31	62	↓P	P	08 58 05.3	+0.4

P15A	Leamington	60.33	63	↑P	P	08 58 05.2	+0.2
R13A	O'Grain Ranch,	60.36	65	↑P	P	08 58 05.8	+0.5
EDW2	Wells Edwards Air Fo	60.36	70	↑P	P	08 58 05.9	+0.5
MPU	Maple Canyon	60.37	62	eP	P	08 58 05.3	0.0
FINES	FINES Array B	60.60	336	P	P	08 58 06.1	-0.5
FINES	FINES Array B	60.60	336	P	P	08 58 06.1	-0.5
Q15A	Fillmore	60.67	63	↓P	P	08 58 08.1	+0.7
L20A	Wamsutter	60.75	58	↓P	P	08 58 07.7	-0.2
GSC	Goldstone	60.76	69	↓P	P	08 58 08.4	+0.4
N18A	Larsen Ranch,	60.76	60	↑P	P	08 58 08.1	+0.1
ULM	Lac du Bonnet	60.87	45	P	P	08 58 07.9	-0.6
HNR	Honiara	61.06	177	LR	LR	09 21 13.5	
O18A	Roosevelt	61.08	61	↑P	P	08 58 10.8	+0.6
CCUT	Cedar City	61.14	65	eP	P	08 58 10.2	-0.4
V11A	Goodeerings	61.17	68	↓P	P	08 58 11.5	+0.6
T13A	Saint George	61.21	66	↓P	P	08 58 11.4	+0.3
P17A	Butcher Ranch,	61.24	62	↓P	P	08 58 11.5	+0.3
Q16A	Castle Valley	61.40	63	↑P	P	08 58 13.0	+0.7
RSSD	Black Hills	61.47	54	eP	pP	08 58 12.4	-0.3
RSSD	comp=Z,2.2nm,1.1s,mb5.1	eP	eP	08 58 37.7	-0.6		
RSSD	Black Hills	61.47	54	eP	pP	08 58 12.4	-0.3
RSSD	comp=Z,2.2nm,1.1s,mb5.1	eP	eP	08 58 37.7	-0.6		
V12A	Nelson	61.59	68	↓P	P	08 58 14.2	+0.6
U13A	Pakoon Wash	61.60	66	↑P	P	08 58 14.2	+0.4
SRU	San Rafael	61.62	62	eP	P	08 58 13.5	-0.3
SRU	comp=Z,1.6nm,1.1s,mb5.0	eP	eP	08 58 47.1	-3.8		
SRU	San Rafael	61.62	62	↑P	P	08 58 13.8	0.0
SRU	comp=Z,1.6nm,1.1s,mb5.0	eP	eP	08 58 47.1	-3.8		
SRU	San Rafael	61.62	62	eP	P	08 58 13.5	-0.3
SRU	comp=Z,1.6nm,1.1s,mb5.0	eP	eP	08 58 47.1	-3.8		
N20A	Spence Gulch,	61.62	59	↓P	P	08 58 14.3	+0.6
T14A	Hurricane	61.65	65	↑P	P	08 58 14.0	0.0
L22A	Wils Ranch, M	61.73	57	↓P	P	08 58 14.4	-0.1
GMRC	Granite Mounta	61.79	69	eP	P	08 58 14.8	-0.2
LDFC	Landfair	61.90	68	↑P	P	08 58 15.3	-0.4
V13A	Grand Canyon M	61.99	67	↓P	P	08 58 16.1	-0.3
R17A	Hanksville Air	62.01	63	↑P	P	08 58 16.3	-0.1
U14A	Mt Trumbull	62.05	66	↑P	P	08 58 16.9	+0.2
P19A	Red Dirt Ranch	62.07	65	↓P	P	08 58 16.8	-0.1
M22A	Cedar Creek Ra	62.01	58	↑P	P	08 58 17.2	+0.3
O20A	White River Ci	62.13	60	↑P	P	08 58 17.2	0.0
BELC	Belle Mtn.	62.15	70	↑P	P	08 58 17.4	-0.1
Q19A	Hogan Spring (C	62.42	61	↓P	P	08 58 18.8	-0.3
R18A	Canyonlands Na	62.48	62	↓P	P	08 58 19.0	-0.6
O21A	Pagoda	62.48	59	↑P	P	08 58 19.6	+0.1
P20A	De Beque	62.50	60	↓P	P	08 58 19.3	-0.4
S17A	Black Ridge (B	62.51	63	↓P	P	08 58 19.7	-0.2
IRM	Iron Mountain	62.53	69	↑P	P	08 58 19.8	-0.2
W13A	Hualapai Mount	62.58	67	↓P	P	08 58 20.3	0.0
V14A	Soedillas Ranch	62.65	67	↑P	P	08 58 20.9	+0.2
OBN	Oblinsk	62.67	326	eP	pmax	08 58 18.8	-1.7
BC3	Big Chuckw Mtn	62.71	70	↓P	P	08 58 21.1	-0.1
R19A	Curley Farm, L	62.89	62	↓P	P	08 58 22.0	-0.3
S18A	Hurt Farm, Bl	62.92	63	↑P	P	08 58 22.3	-0.2
Q20A	Ridgely Place,	62.94	61	↑P	P	08 58 22.5	-0.1
W14A	Seligan	62.96	67	↑P	P	08 58 23.2	+0.3
T17A	Navajo Res., N	62.97	64	↑P	P	08 58 23.3	+0.5
X13A	Yucca	62.98	68	↓P	P	08 58 23.1	+0.1
P21A	Newcastle	62.99	60	↓P	P	08 58 22.8	-0.1
PDMC	Parker Dam,Lak	63.01	68	↑P	P		

Code	Station Name	A°	AZ°	Phase	ID	Time	Res
Code	Station Name	A°	AZ°	Phase	ID	Time	Res
SPITS	Spitsbergen Ar	11.99 283		Op Pn	ISC Pn	10 22 15.2	-4.3
SPITS	comp-Z,88,slow=26,SNR=25			LR	LR	10 26 07.6	
KEV	Kevo	19.12 262		eP Pn	Pn	10 23 52.6	+0.6
KEV	comp-Z,7.7nm,0.5s			ep	Pn	10 23 52.6	+0.6
ARCES	ARCES Array B	19.46 263		P Pn	Pn	10 23 54.8	-1.3
ARCES	comp-Z,0.5nm,0.3s,baz=18,slow=9.1,SNR=15			LR	LR	10 31 42.2	
RES	Resolute Bay	20.26 8		P P	P	10 24 02.4	-1.1
RES	comp-Z,850nm,18.5s,baz=9.4,slow=38			LR	LR	10 32 05.5	
RES	comp-Z,1.9nm,0.9s,baz=153,slow=4.5,SNR=3.1			LR	LR	10 32 05.5	
LZV	Lovozero	20.30 253		eP P	P	10 24 03.6	-0.3
LZV	comp-Z,675nm,18.6s,MS4.0,baz=83,slow=38			ep	P	10 24 03.6	-0.3
APA	Apaitty	20.72 254		eP P	P	10 24 07.0	-1.5
APA	comp-Z,1.1m,19.0s,MS4.3			MLR	MLR	10 27 58.0	0.0
JMIL	Jan Mayen	20.87 297		LR	LR	10 30 51.3	
BILL	Bilibino	20.95 37		P P	P	10 24 11.2	+0.2
BILL	comp-Z,165nm,21.0s,MS3.4,baz=63,slow=33			LR	LR	10 24 26.7	
BILL	comp-Z,13nm,0.8s			MLR	MLR	10 28 07.1	+4.6
BILL	comp-Z,500nm,23.0s,MS3.8			MLR	MLR	10 24 11.1	+0.1
BILL	Bilibino	20.95 97		P P	P	10 24 11.1	+0.1
SUMG	Summit	21.24 323		eP P	P	10 24 17.4	+3.3
SCO	Scoresbysund	22.33 308		iP P	P	10 24 27.6	+1.9
SCO	comp-Z,81nm,1.3s,mb4.9			ep	P	10 24 27.6	+1.9
SCO	comp-Z,7.0nm,1.1s,mb4.0			iP	P	10 24 27.6	+1.9
SCO	comp-Z,6.9nm,1.1s,mb4.0			iP	P	10 24 27.6	+1.9
YAK	Yakutsk	24.20 140		eP P	P	10 24 42.3	-2.1
YAK	comp-Z,16nm,0.9s,mb4.5			MLR	MLR	10 24 42.3	-2.1
YAK	comp-Z,389nm,18.0s,MS3.9			MLR	MLR	10 24 42.3	-2.1
YAK	comp-N,233nm,16.0s,MS3.8			MLR	MLR	10 24 42.3	-2.1
YAK	comp-E,101nm,17.0s,MS3.8			MLR	MLR	10 24 42.3	-2.1
SEY	Seymchan	24.84 115		eP P	P	10 24 49.7	-0.5
COLD	Coldfoot	25.29 56		eP P	P	10 24 55.1	+0.9
INK	Inuvik	25.29 41		P P	P	10 24 53.3	-1.0
INK	comp-E,22nm,1.2s,mb4.5,baz=352,slow=11,SNR=29			LR	LR	10 34 48.1	
JOF	Joensuu	25.48 254		eP P	P	10 24 53.8	-2.2
JOF	comp-Z,12nm,0.6s,mb4.6			ep	P	10 24 53.8	-2.2
JOF	comp-Z,12nm,0.6s,mb4.6			ep	P	10 24 53.8	-2.2
TNA	Tin City	25.77 73		eP P	P	10 24 57.1	+0.3
KAF	Kangasniemi	26.69 259		eP P	P	10 25 08.7	+1.8
KAF	comp-Z,4.0nm,0.7s,mb4.1			ep	P	10 25 08.7	+1.8
KAF	comp-Z,3.5nm,0.7s,mb4.0			ep	P	10 25 08.7	+1.8
KLMR	Klimovskoje	26.86 244		eP P	P	10 25 10.8	+2.3
KLMR	comp-Z,45nm,1.5s,mb4.8			ep	P	10 25 10.8	+2.3
SOKR	Solikamsk	26.94 225		eP P	P	10 25 17.2	+8.0
SOKR	comp-Z,10.0nm,0.9s,mb4.3			MLR	MLR	10 35 41.0	
SOKR	comp-Z,690nm,11.0s,MS4.5			MLR	MLR	10 35 41.0	
SFJD	Kangerlussuaq	27.36 332		LR LR	LR LR	10 25 12.6	-0.5
SFJD	comp-Z,277nm,18.0s,MS3.9,baz=330,slow=36			LR LR	LR LR	10 36 50.8	
FINES	FINES Array B	27.37 259		P P	P	10 25 12.5	-3.8
FINES	comp-Z,4.9nm,0.9s,mb4.0,baz=182,slow=9.8,SNR=5.9			LR LR	LR LR	10 25 12.5	-3.8
BOD	Bodaibo	27.73 159		eP P	P	10 25 18.8	+2.0
BOD	comp-Z,438nm,18.9s,MS4.0,baz=182,slow=38			ep	P	10 25 18.8	+2.0
COLA	College	27.79 55		eP P	P	10 25 18.8	+2.0
COLA	comp-Z,10.0nm,1.0s,mb4.4			ep	P	10 25 18.8	+2.0
COLA	comp-Z,10nm,1.0s,mb4.4			ep	P	10 25 18.8	+2.0
COLA	Eagle	28.34 49		eP P	P	10 25 20.4	-1.2
COLA	comp-Z,12nm,1.4s,mb4.3			LR LR	LR LR	10 36 54.0	
NOA	NORSAR Array B	29.03 273		LR LR	LR LR	10 25 29.4	+0.5
NOA	comp-Z,235nm,20.0s,MS3.8,baz=35,slow=36			LR LR	LR LR	10 25 33.2	+1.8
DAWY	Dawson	29.43 60		eP P	P	10 25 29.4	+0.5
PLLA	Purkeypile	29.43 60		eP P	P	10 25 29.4	+0.5
HFS	Hagfors	29.71 271		LR LR	LR LR	10 37 00.6	
HFS	comp-Z,409nm,21.2s,baz=88,slow=35			LR LR	LR LR	10 37 00.6	
PAX	Paxson	29.84 54		eP P	P	10 25 35.1	+0.1
PAX	comp-Z,5.0nm,0.9s,mb4.2			ep	P	10 25 35.1	+0.1
PAX	comp-Z,4.7nm,0.9s,mb4.2			ep	P	10 25 35.1	+0.1
ARU	Arti	29.96 222		iP P	P	10 25 35.0	-1.1
ARU	comp-Z,2.7nm,1.1s,mb4.0,baz=330,slow=5.7,SNR=5.0			LR LR	LR LR	10 30 33.7	+2.1
ARU	comp-Z,15nm,2.5s,mb4.3			MLR	MLR	10 32 04.8	-3.4
MENT	Menstata	29.99 52		eP P	P	10 25 36.8	+0.5
MENT	comp-Z,10.0nm,1.0s,mb4.4			ep	P	10 25 36.8	+0.5
VSU	Vasula	30.26 257		eP P	P	10 25 36.9	-1.8
NVS	Novosibirsk	30.56 194		eP P	P	10 25 40.2	-1.2
NVS	comp-Z,10.0nm,0.7s,mb4.7			ep	P	10 25 40.2	-1.2
NVS	comp-Z,33nm,2.0s,mb4.8			ep	P	10 25 40.2	-1.2
SWW2	Sparrevohn	30.96 63		eP P	P	10 25 46.9	+2.0
FRB	Frobisher Bay	31.16 347		P P	P	10 25 45.3	-1.3
FRB	comp-N,2.7nm,1.1s,mb4.0,baz=330,slow=5.7,SNR=5.0			LR LR	LR LR	10 28 40.2	-0.5
FRB	comp-N,5.6nm,1.1s,baz=0.8,slow=4.0,SNR=4.0			LR LR	LR LR	10 28 40.2	-0.5
FRB	Frobisher Bay	31.16 347		P P	P	10 25 45.3	-1.3
FRB	comp-N,2.7nm,1.1s,mb4.0,baz=330,slow=5.7,SNR=5.0			LR LR	LR LR	10 28 40.2	-0.5
ZALV	Zalesovo Beam	31.43 192		P P	P	10 25 46.8	-2.2
ZALV	comp-N,350nm,19.8s,MS4.0,baz=212,slow=34			LR LR	LR LR	10 28 41.9	+0.3
ZALV	Zalesovo Beam	31.43 192		P P	P	10 25 46.8	-2.2
ZALV	comp-N,0.6nm,0.3s,mb3.9,baz=356,slow=13,SNR=5.1			LR LR	LR LR	10 39 36.5	
ZALV	comp-N,0.7nm,0.3s,baz=0.0,slow=4.3,SNR=4.1			LR LR	LR LR	10 25 52.2	-1.7
YKA	Yellowknife Ar	31.99 26		P P	P	10 25 52.2	-1.7
YKA	comp-N,593nm,18.5s,MS4.3,baz=121,slow=38			LR LR	LR LR	10 28 42.2	-0.7
YKA	comp-N,2.4nm,0.8s,mb4.1,baz=352,slow=9.1,SNR=31			LR LR	LR LR	10 25 52.2	-1.7
YKA	comp-N,0.9nm,0.7s,baz=333,slow=3.3,SNR=6.7			LR LR	LR LR	10 25 52.2	-1.7
MOS	Moscow	32.08 245		eP P	P	10 26 01.3	+6.5
MOS	comp-Z,38nm,0.9s,mb5.2			ep	P	10 25 58.0	-0.4
HYT	Haines Junction	32.50 47		eP P	P	10 26 09.9	+3.2
HYT	comp-Z,38nm,0.9s,mb5.2			ep	P	10 26 09.9	+3.2
BRVK	Borovoye	32.75 209		eP P	P	10 26 00.4	-0.3
BRVK	comp-Z,9.0nm,0.6s,mb4.9			ep	P	10 26 09.9	+3.2
BRVK	comp-Z,8.8nm,0.6s,mb4.9			ep	P	10 26 00.4	-0.3
BRVK	Borovoye	32.75 209		eP P	P	10 26 00.4	-0.3
BRVK	comp-Z,9.0nm,0.6s,mb4.9			ep	P	10 26 00.4	-0.3
BRVK	comp-Z,8.8nm,0.6s,mb4.9			ep	P	10 26 00.4	-0.3
BRVK	Borovoye	32.75 209		eP P	P	10 26 00.4	-0.3
BRVK	comp-Z,9.0nm,0.6s,mb4.9			ep	P	10 26 00.4	-0.3
BRVK	comp-Z,8.8nm,0.6s,mb4.9			ep	P	10 26 00.4	-0.3
BRVK	Borovoye	32.75 209		eP P	P	10 26 00.4	-0.3
BRVK	comp-Z,9.0nm,0.6s,mb4.9			ep	P	10 26 00.4	-0.3
BRVK	comp-Z,8.8nm,0.6s,mb4.9			ep	P	10 26 00.4	-0.3
BRVK	Borovoye	32.75 209		eP P	P	10 26 00.4	-0.3
BRVK	comp-Z,9.0nm,0.6s,mb4.9			ep	P	10 26 00.4	-0.3
BRVK	comp-Z,8.8nm,0.6s,mb4.9			ep	P	10 26 00.4	-0.3
BRVK	Borovoye	32.75 209		eP P	P	10 26 00.4	-0.3
BRVK	comp-Z,9.0nm,0.6s,mb4.9			ep	P	10 26 00.4	-0.3
BRVK	comp-Z,8.8nm,0.6s,mb4.9			ep	P	10 26 00.4	-0.3
BRVK	Borovoye	32.75 209		eP P	P	10 26 00.4	-0.3
BRVK	comp-Z,9.0nm,0.6s,mb4.9			ep	P	10 26 00.4	-0.3
BRVK	comp-Z,8.8nm,0.6s,mb4.9			ep	P	10 26 00.4	-0.3
BRVK	Borovoye	32.75 209		eP P	P	10 26 00.4	-0.3
BRVK	comp-Z,9.0nm,0.6s,mb4.9			ep	P	10 26 00.4	-0.3
BRVK	comp-Z,8.8nm,0.6s,mb4.9			ep	P	10 26 00.4	-0.3
BRVK	Borovoye	32.75 209		eP P	P	10 26 00.4	-0.3
BRVK	comp-Z,9.0nm,0.6s,mb4.9			ep	P	10 26 00.4	-0.3
BRVK	comp-Z,8.8nm,0.6s,mb4.9			ep	P	10 26 00.4	-0.3
BRVK	Borovoye	32.75 209		eP P	P	10 26 00.4	-0.3
BRVK	comp-Z,9.0nm,0.6s,mb4.9			ep	P	10 26 00.4	-0.3
BRVK	comp-Z,8.8nm,0.6s,mb4.9			ep	P	10 26 00.4	-0.3
BRVK	Borovoye	32.75 209		eP P	P	10 26 00.4	-0.3
BRVK	comp-Z,9.0nm,0.6s,mb4.9			ep	P	10 26 00.4	-0.3
BRVK	comp-Z,8.8nm,0.6s,mb4.9			ep	P	10 26 00.4	-0.3
BRVK	Borovoye	32.75 209		eP P	P	10 26 00.4	-0.3
BRVK	comp-Z,9.0nm,0.6s,mb4.9			ep	P	10 26 00.4	-0.3
BRVK	comp-Z,8.8nm,0.6s,mb4.9			ep	P	10 26 00.4	-0.3
BRVK	Borovoye	32.75 209		eP P	P	10 26 00.4	-0.3
BRVK	comp-Z,9.0nm,0.6s,mb4.9			ep	P	10 26 00.4	-0.3
BRVK	comp-Z,8.8nm,0.6s,mb4.9			ep	P	10 26 00.4	-0.3
BRVK	Borovoye	32.75 209		eP P	P	10 26 00.4	-0.3
BRVK	comp-Z,9.0nm,0.6s,mb4.9			ep	P	10 26 00.4	-0.3
BRVK	comp-Z,8.8nm,0.6s,mb4.9			ep	P	10 26 00.4	-0.3
BRVK	Borovoye	32.75 209		eP P	P	10 26 00.4	-0.3
BRVK	comp-Z,9.0nm,0.6s,mb4.9			ep	P	10 26 00.4	-0.3
BRVK	comp-Z,8.8nm,0.6s,mb4.9			ep	P	10 26 00.4	-0.3
BRVK	Borovoye	32.75 209		eP P	P	10 26 00.4	-0.3
BRVK	comp-Z,9.0nm,0.6s,mb4.9			ep	P		

15d 10h

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like WALA, A11A, A14A, etc.

2008 APR

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like KRSR, F12A, F13A, etc.

680

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like WVOR, PDAR, K14A, etc.

ANMO	Albuquerque	59.80	21	eP	P	10 29 33.1	+0.2
comp=Z,9.0nm,1.2s,mb4.7							
ANMO	Yucca	59.89	28	eP	pP	10 29 41.8	+0.1
X13A	Yucca	60.08	32	eP	pP	10 29 34.0	+0.5
baz=60							
BFC5	Mont Baldy St	60.08	32	eP	P	10 29 34.9	0.0
baz=60							
X20A	Quemado	60.14	23	eP	P	10 29 35.8	+0.6
baz=60							
KMI	Kunning	60.15	173	pP	pP	10 29 37.5	+2.0
KMI				sP	sP	10 29 42.9	-1.3
KMI				sP	sP	10 29 45.5	-2.1
KMI				sS	sS	10 37 49.4	+2.7
KMI				sS	sS	10 37 54.4	-6.7
comp=Z,8.0nm,1.2s,mb4.6							
KMI				pmx	pmx		
comp=Z,8.9nm,4.9s							
KMI				LR	LR		
comp=N,120nm,20.9s,MS4.4							
KMI				LR	LR		
comp=E,270nm,19.0s,MS4.4							
X16A	Lo Mia Camp, P	60.16	26	eP	P	10 29 36.0	+0.6
baz=60							
PDMC1	Parker Dam,Lak	60.17	28	eP	P	10 29 35.6	+0.1
baz=60							
WMOK	Wichita Mounta	60.20	14	eP	P	10 29 37.0	+1.3
WMOK				pmx	pmx		
comp=Z,10.0nm,1.0s,mb4.8							
WMOK	Wichita Mounta	60.20	14	eP	P	10 29 37.0	+1.3
comp=Z,9.8nm,1.0s,mb4.8							
X19A	St. Johns	60.23	24	eP	P	10 29 36.6	+0.7
baz=60							
Y14A	Wickenburg	60.58	27	eP	P	10 29 39.2	+1.0
Y15A	Casa Rosa Ranc	60.59	27	eP	P	10 29 39.3	+1.0
baz=60							
Y21A	Point of Rocks	60.70	22	eP	P	10 29 38.3	-0.8
baz=60							
Y20A	Horse Springs,	60.77	23	eP	P	10 29 40.1	+0.5
baz=61							
Z17A	Roosevelt	60.90	25	eP	P	10 29 42.0	+1.5
Y20A	Nine Sixteen R	61.56	23	eP	P	10 29 46.6	+1.6
baz=61							
127A	Oracle	62.02	25	eP	P	10 29 47.6	-0.4
baz=62							
124A	Stringfield Ra	62.07	20	eP	P	10 29 47.5	-0.8
baz=62							
125A	Gardner Draw,	62.13	19	eP	P	10 29 48.2	-0.6
baz=62							
TUC	Tucson	62.28	25	eP	pP	10 29 51.8	+2.0
TUC				ePP	pP	10 29 59.0	+0.4
comp=Z,17nm,1.9s,mb4.8							
TUC	Tucson	62.28	25	eP	pP	10 29 51.8	+2.0
comp=Z,17nm,1.9s,mb4.8							
TUC				eP	pP	10 29 59.0	+0.4
218A	Dragoon	62.25	24	eP	pP	10 29 52.8	+0.6
baz=62							
219A	White Tail Can	62.65	24	eP	P	10 29 52.3	+0.1
baz=62							
224A	Corundas Mount	62.69	20	eP	P	10 29 52.8	+0.3
baz=62							
220A	Playas Peak, P	62.77	23	eP	P	10 29 52.9	-0.2
baz=63							
217A	Green Valley	62.81	25	eP	P	10 29 53.8	+0.5
baz=63							
318A	Bisbee	63.18	25	eP	P	10 29 56.2	+0.5
baz=63							
319A	Douglas	63.27	24	eP	P	10 29 56.8	+0.5
baz=63							
324A	Moseley Ranch,	63.32	20	eP	P	10 29 56.7	0.0
baz=63							
320A	Kipp Ranch, Si	63.33	23	eP	P	10 29 57.3	+0.5
baz=63							
325A	Bean Ranch, An	63.41	20	eP	P	10 29 57.5	+0.2
baz=63							
326A	Caldwell Ranch	63.49	19	eP	P	10 29 57.3	-0.5
baz=63							
427A	Hayler Ranch,	63.97	18	eP	P	10 30 00.6	-0.4
baz=64							
425A	Indio Mountain	63.99	20	eP	P	10 30 00.6	-0.5
baz=64							
428A	Kincaid Ranch,	64.11	18	eP	P	10 30 01.4	-0.5
baz=64							
426A	McDonald Obser	64.14	19	eP	P	10 30 01.3	-0.8
baz=64							
JCT	Junction City	64.43	15	eP	pP	10 30 04.0	0.0
JCT				ePP	pP	10 30 11.8	-1.0
comp=Z,13nm,1.1s,mb4.9							
JCT	Junction City	64.43	15	eP	pP	10 30 04.0	-0.1
comp=Z,13nm,1.1s,mb4.9							
JCT				eP	pP	10 30 11.8	-1.0
527A	Woodward Ranch	64.67	18	eP	P	10 30 05.5	-0.1
baz=64							
528A	Cox Ranch, San	64.67	18	eP	P	10 30 05.5	-0.1
baz=64							
526A	Mary Lane Ranch	64.74	19	eP	P	10 30 05.8	-0.2
baz=65							
626A	Big Bend Ranch	65.24	19	eP	P	10 30 08.9	-0.5
baz=65							
628A	Black Gap, Mar	65.34	18	eP	P	10 30 09.0	-1.0
baz=65							
TXAR	Lajitas Array	65.47	19	eP	P	10 30 09.6	-1.3
comp=Z,1.8nm,0.5s,mb4.3,baz=11,slo=3.6,SNR=48							
TXAR				LR	LR	10 59 14.3	
comp=Z,452nm,19.5s,MS4.7,baz=10,slo=36							
TXAR	Lajitas Array	65.47	19	eP	P	10 30 09.6	-1.3
QIZ	Qiongzong	66.33	165	S	S	10 30 17.4	+1.0
QIZ				S	S	10 39 03.3	-0.6
comp=Z,6.0nm,1.0s,mb4.6							
QIZ				pmx	pmx		
comp=Z,100nm,6.3s							
QIZ				LR	LR		
comp=N,170nm,17.9s,MS4.4							
QIZ				LR	LR		
comp=E,140nm,18.2s,MS4.4							
QIZ				LR	LR		
comp=Z,200nm,18.9s,MS4.3							
SJG	San Juan	67.67	342	LR	LR	11 01 33.6	
comp=Z,155nm,21.7s,MS4.3,baz=33s,slo=33							
KMBO	Kilima Mbo	88.55	238	LR	LR	11 18 20.1	
comp=Z,138nm,20.4s,MS4.4,baz=92,slo=40							
HNR	Honiara	97.21	116	LR	LR	11 11 16.4	
comp=Z,95nm,21.3s,MS4.2,baz=53,slo=32							
PPT	Papeete	109.45	67	eLR	LR	11 10 04.2	
comp=Z,308nm,24.2s							
MAW	Mawson	153.22	207	PKPbc	PKPbc	10 39 23.6	-0.1
comp=Z,3.1nm,0.3s,baz=306,slo=7.7,SNR=4.6							

mb1 3.7/7, mb1mx3.5/20, mbtmp3.6/7, Error ellipse: s-maj=62.7km s-min=21.2km az=85.0
ISCBJ 15 10:35:53.8,0.6,0.93S:0.04x79.24W:0.05,h107km,5km, mb3.7/3, Error ellipse: s-maj=7.9km s-min=6.8km az=171.5
IGQ 15 10:35:53.1,0.92S:79.18W,h114km,3km,MB4.2,MS4.0, Error ellipse: s-maj=1.7km s-min=1.6km az=59.5
ISC 15 10:35:54.2,0.6,0.93S:0.04x79.24W:0.05,h106km,6km, n45,e097146,mb3.7/3,11C-14D,Ecuador

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
CAMI	Rancho Maria	0.78	71	eP	Pn	10 36 13.1	+0.3
IGUA	Iguata	0.82	133	eP	Sn	10 36 26.9	-0.7
IGUA	Iguata	0.82	133	eP	Sn	10 36 13.5	+0.3
NAS2	Nasa	0.82	70	eP	Pn	10 36 13.6	+0.3
COV1	Cotopaxi Vol s	0.83	75	eP	Pn	10 36 13.6	+0.3
PISA	Pisayambo	0.86	98	eP	Sn	10 36 29.1	+0.7
PISA	Pisayambo	0.86	98	eP	Sn	10 36 13.6	-0.1
VC1	Cotopaxi 1	0.89	71	eP	Pn	10 36 14.1	+0.1
PITA	Cotopaxi Volc	0.89	65	eP	Pn	10 36 13.9	0.0
BIL2	Estacion Bilba	0.90	125	eP	Sn	10 36 29.2	+0.1
BIL2	Estacion Bilba	0.90	125	eP	Sn	10 36 13.9	-0.2
TAMB	Tambo	0.91	75	eP	Pn	10 36 14.2	+0.1
JUI6	Juive	0.92	122	eP	Sn	10 36 13.8	-0.4
JUI6	Juive	0.92	122	eP	Sn	10 36 28.8	-0.5
RETU	Refugio	0.95	123	eP	Pn	10 36 14.4	-0.1
RUNS	Runtun	0.95	120	eP	Pn	10 36 14.0	-0.1
RUNS	Runtun	0.95	120	eP	Sn	10 36 29.9	0.0
JUA2	San Juan 2	0.96	42	eP	Pn	10 36 14.7	0.0
ARRY	Arayran	0.97	126	eP	Sn	10 36 14.2	-0.5
ULBA	Ulba	0.98	122	eP	Sn	10 36 29.7	-0.8
ULBA	Ulba	0.98	122	eP	Sn	10 36 14.5	-0.3
YANA	Yana	1.05	40	eP	Pn	10 36 15.4	-0.1
JAMA	Jama	1.17	305	eP	Pn	10 36 16.2	-0.8
ANTI	Antisana	1.18	66	eP	Sn	10 36 17.0	-0.1
OTAV	Otavalo	1.41	34	eP	Sn	10 36 38.6	-0.4
OTAV	Otavalo	1.41	34	eP	Pn	10 36 19.4	-0.3
OTAV	Otavalo	1.41	34	eP	eS	10 36 19.3	-0.4
CHIS	Cerro-Chispas-	1.49	266	eP	Sn	10 36 43.2	+2.4
CHIS	Cerro-Chispas-	1.49	266	eP	Sn	10 36 20.3	-0.4
COTA	Cotacachi	1.55	36	eP	Pn	10 36 21.7	+0.3
MAC2	Macas	1.68	142	eP	Pn	10 36 22.9	0.0
CHAR	Charly	1.78	62	eP	Sn	10 36 49.0	+1.9
CHAR	Charly	1.78	62	eP	Sn	10 36 38.9	-0.2
LAV3	Lava3-Reventad	1.81	63	eP	Pn	10 36 24.6	0.0
CONE	Cono NE Rev Vo	1.81	62	eP	Sn	10 36 53.1	+5.2
CONE	Cono NE Rev Vo	1.81	62	eP	Sn	10 36 24.7	0.0
ATAH	Athualpa	6.09	172	eP	Pn	10 37 24.7	+3.0
2.8nm,0.5s,baz=12,slo=9.1,SNR=16							
ATAH				S	Sn	10 38 36.6	+6.6
4.7nm,0.3s,baz=201,slo=23,SNR=22							
NNA	Nana	11.24	168	eP	Pn	10 38 31.9	+0.3
1.7nm,0.3s,baz=35,slo=7.5,SNR=4.3							
SDV	Santo Domingo	12.95	61	eP	Pn	10 39 01.1	+6.3
0.2nm,0.3s,baz=260,slo=16,SNR=6.5							
LPAZ	La Paz	18.78	145	eP	P	10 40 09.4	+4.2
0.1nm,0.3s,baz=326,slo=13,SNR=5.1							
PLCA	Paso Flores	40.39	170	eP	P	10 43 22.1	+0.4
2.0nm,0.9s,mb4.0,baz=5.2,slo=11,SNR=3.2							
ULM	Lac du Bonnet	52.94	347	eP	P	10 44 55.4	-4.0
1.2nm,0.7s,mb4.1,baz=180,slo=5.1,SNR=3.5							
ULM	Yellowknife Ar	66.64	343	eP	P	10 46 44.1	-1.4
0.2nm,0.7s,mb3.0,baz=149,slo=4.9,SNR=5.9							
WRA	Warrungarra Arr	141.09	236	PKP	PKP	10 55 13.0	0.0
0.3nm,0.7s,baz=111,slo=2.0,SNR=5.0							

IDC 15 10:35:57.2,6.1,19.43S:177.86W,h0km,mb3.6/2, mb1 3.8/2,mb1mx3.6/15,mbtmp3.6/2, Error ellipse: s-maj=308.8km s-min=53.7km az=149.0,Fiji Islands region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
WRA	Warrungarra Arr	44.89	261	eP	P	10 44 14.1	+0.2
0.3nm,0.3s,baz=95,slo=7.5,SNR=24							
ASAR	Allice Springs	44.90	256	eP	P	10 44 13.6	-0.4
0.3nm,0.5s,baz=100,slo=8.8,SNR=6.5							
GERES	GERESS Array B	149.20	345	PKPbc	PKPbc	10 55 47.3	-0.3
0.6nm,0.5s,baz=28,slo=4.4,SNR=3.9							

JMA 15 10:40:59.3,0.1,27.90N:128.48E,h65km,3km,MS3.5, Ryukyu Islands

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
				</			

15d 12h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like BOZ, MCMT, LKWY, etc.

Station information and coordinates for stations like IDC, ISCJB, MOS, and NEIC. Includes details on error ellipses and station names.

Main table of station data for the 15d 12h period, listing station names, coordinates, and various parameters.

2008 APR

Main table of station data for the 2008 APR period, listing station names, coordinates, and various parameters.

682

Main table of station data for the 682 period, listing station names, coordinates, and various parameters.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Erkin-Say, Almayashu, Borovoye, etc.

ISC/JB 15:26:44.9, 0.8, 13.28N, 0.07, 93W, 0.03, h33km, Error ellipse: s-maj=10.4km s-min=3.2km az=15.2

CASC 15:26:47.4, 2.0, 13.48N, 90.74W, h19km, 8km, MD3.7, ML3.6

MEX 15:26:49.1, 0.4, 13.24N, 91.13W, h20km, 13km, MD4.3

NEIC 15:26:49.1, 13.22N, 91.15W, h20km, MD4.3(MEX), After MEX.

ISC 15:26:46.7, 0.8, 13.33N, 0.07, 90.88W, 0.03, h35km, n36, +105/53, 3C-10, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Ixapa, Pacaya, Fuego 3, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Tegucigalpa, San Cristobal, Huatulco, etc.

MAN 15:31:50, 14.91N, 121.65E, h13km, mb4.8, ML3.7, MS3.8, 1D, Luzon

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Polilio Island, Baler, Palayan, etc.

JMA 15:36:04.8, 0.1, 39.26N, 144.30E, h54km, M3.5, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Miyakonagasaki, Tanohata, Ofunato, etc.

MOS 15:56:55.4, 1.2, 53.07N, 107.94E, h10km, mb4.2/1, Error ellipse: s-maj=16.6km s-min=10.5km az=55.1

BYKL 15:56:56.9, 0.2, 53.12N, 107.82E, h13km, 4km, 6C-4D, Lake Baykal region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Kotokel, Ongureny, Maximikha, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IRK, Ulyunkhan, Nizh Angarsk, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Talaya, Kumora, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Arshan, Arsar, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Chita, Uoyan, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Zakamensk, Uakit, etc.

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

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

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

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

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

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

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

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

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

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

IRM	baz=78	Iron Mountain	78.18	48	U	P			17 36 57.3 +0.1
GRAC	baz=78, SNR=24	Grapevine Rang	78.23	44	U	P			17 36 58.2 +0.8
TUQ	baz=78	Turquoise Moun	78.33	46	U	P			17 36 58.5 +0.5
SHOC	baz=78	Shoshone	78.34	46	U	P			17 36 58.8 +0.8
Y12C	baz=79	Blythe	78.41	48	U	P			17 36 59.1 +0.7
NVAR	baz=79	Mina Array Bea	78.43	43	U	P			17 36 56.9 -1.6
113A	comp=Z,11nm,0.9s,mb4.8,ba2=221,slow=8.9,SNR=20	Mohawk Valley,	78.44	50	U	P			17 36 59.0 +0.4
U10A	baz=79	Ash Meadows, A	78.60	45	U	P			17 36 60.0 +0.5
KDAK	baz=78	Kodiak Island	78.68	13	eP	P			17 36 59.0 -0.4
KDAK	comp=Z,219nm,1.5s,mb5.9						MLR	MLR	
KDAK	comp=Z,11m,19.0s,MS5.3	Kodiak Island	78.68	13	P	P			17 37 00.3 +0.9
KDAK	comp=Z,22nm,0.9s,mb5.1,ba2=244,slow=7.9,SNR=7.9						LR	LR	18 07 43.8
KDAK	comp=Z,11m,18.3s,MS5.2,ba2=207,slow=33	Kodiak Island	78.68	13	eP	P			17 36 59.0 -0.4
KDAK	comp=Z,219nm,1.5s,mb5.9						LR	LR	
LDFC	comp=Z,11m,19.0s,MS5.3	Landfair	78.70	47	eP	P			17 37 00.1 0.0
214A	comp=Z,22nm,0.9s,mb5.4	Organ Pipe Nat	78.72	51	U	P			17 37 00.7 +0.5
Z13A	baz=79, SNR=5.5	Yuma Proving G	78.74	49	U	P			17 37 00.2 -0.1
V11A	baz=79	Goodsprings	78.89	46	U	P			17 37 01.2 +0.1
Y13A	baz=79	Salome	78.93	49	U	P			17 37 01.0 -0.3
PDMCI	baz=79	Parker Dam,Lak	78.97	48	U	P			17 37 01.0 -0.6
W12A	baz=79	Cal Nev Ari	78.99	47	U	P			17 37 02.0 +0.3
COR	baz=79	Corvallis	79.20	35	PFAKE	LR			17 37 10.0 +7.4
V12A	comp=Z,21m,20.0s,MS5.5	Nelson	79.23	46	U	P			17 37 03.3 +0.3
U11A	baz=79, SNR=6.6	Corn Creek	79.24	46	U	P			17 37 02.8 -0.1
MOD	baz=79	Modoc	79.25	39	eP	P			17 37 02.5 -0.4
MOD	comp=Z,57nm,1.3s,mb5.3						LR	LR	
S10A	comp=Z,31m,21.0s,MS5.6	Tonopah Range,	79.25	44	U	P			17 37 03.1 0.0
Z14A	baz=79	Wintersburg	79.33	49	U	P			17 37 03.4 -0.1
X13A	baz=80	Yuca	79.34	48	U	P			17 37 03.4 -0.2
K05A	baz=80	Summer Lake	79.40	38	U	P			17 37 04.1 +0.4
W13A	baz=80, SNR=19	Hualapai Mount	79.56	47	U	P			17 37 04.7 -0.1
Y14A	baz=80	Wickenburg	79.58	49	U	P			17 37 04.8 -0.1
R10A	baz=80	Warm Springs	79.65	44	U	P			17 37 05.7 +0.6
S11A	baz=80, SNR=5.4	Rachel	79.66	44	U	P			17 37 05.3 0.0
216A	baz=80	Three Points,	79.73	51	U	P			17 37 06.3 +0.5
T11A	baz=80, SNR=9.3	Corn Creek, Al	79.79	45	U	P			17 37 06.5 +0.5
U12A	baz=80, SNR=25	Valley of Fire	79.82	46	U	P			17 37 06.7 +0.6
116A	baz=80, SNR=13	Eloy	79.83	51	U	P			17 37 06.0 -0.3
H04A	baz=80	Detroit Lake	79.88	36	U	P			17 37 06.4 +0.1
Q10A	baz=80	Clear Creek Ra	79.88	43	U	P			17 37 06.8 +0.4
L07A	baz=80	Adell	79.89	39	U	P			17 37 06.7 +0.3
V13A	baz=80, SNR=13	Grand Canyon W	79.89	47	U	P			17 37 07.0 +0.4
HABR	baz=80, SNR=5.2	Khabarovsk	79.91	329	P	P			17 37 04.0 -2.3
HABR							sP	sP	17 37 18.0 +1.1
HABR							eS	eS	17 47 00.5 -7.8
HABR							e	e	17 47 18.9 -2.3
HABR									17 47 22.3
HABR	comp=Z,239nm,2.1s,mb5.8						pmx	pmx	
HABR	comp=N,38nm,1.9s						pmx	pmx	
HABR	comp=E,64nm,2.0s						MLR	MLR	
HABR	comp=Z,11m,18.0s,MS5.2	Yava	79.94	48	U	P			17 37 07.6 +0.8
X14A	baz=80, SNR=15	Casa Rosa Ranc	80.07	49	U	P			17 37 07.8 +0.3
217A	baz=80	Green Valley	80.10	52	U	P			17 37 08.7 +0.9
R11A	baz=80, SNR=19	Troy Canyon, C	80.15	44	U	P			17 37 08.0 +0.1
W14A	baz=80	Seligman	80.18	48	U	P			17 37 09.2 +1.1
U13A	baz=80, SNR=27	Pakoon Wash	80.20	46	U	P			17 37 08.7 +0.5
MDJ	baz=80, SNR=18	Mudanjiang	80.22	324	P	P			17 37 10.3 +2.2
MDJ							pP	pP	17 37 13.8 -2.1
MDJ							sP	sP	17 40 09.8 -1.3
MDJ							PP	PP	17 47 19.0 +7.2
MDJ							S	S	17 47 25.1 +0.4
MDJ							pmx	pmx	
MDJ	comp=Z,49nm,1.7s,mb5.2						pmx	pmx	
MDJ	comp=Z,230nm,4.0s						LR	LR	
MDJ	comp=N,670nm,19.6s,MS5.2						LR	LR	
MDJ	comp=E,830nm,19.6s,MS5.2						LR	LR	
MDJ	comp=Z,11m,21.8s,MS5.3	Mudanjiang	80.22	324	eP	P			17 37 09.8 +1.6
S12A	comp=Z,187nm,1.7s,mb5.7	Delamar Landin	80.24	45	U	P			17 37 09.1 +0.7
BMN	baz=80, SNR=14	Battle Mountai	80.26	41	eP	P			17 37 07.6 -0.8
BMN	comp=Z,59nm,1.3s,mb5.4						MLR	MLR	
BMN	comp=Z,41m,21.0s,MS5.7	Battle Mountai	80.26	41	eP	P			17 37 07.6 -0.9
BMN	comp=Z,59nm,1.3s,mb5.4						LR	LR	
NJ2	comp=Z,41m,21.0s,MS5.7	Nanjing	80.28	309	eP	P			17 37 07.3 -1.4
NJ2							pP	pP	17 37 12.6 -3.9
NJ2							sP	sP	17 37 14.3 -5.0
NJ2							PP	PP	17 40 11.3 -0.5
NJ2							pmx	pmx	
NJ2	comp=Z,840nm,7.2s						LR	LR	
NJ2	comp=N,740nm,25.1s,MS5.1						LR	LR	
NJ2	comp=E,890nm,28.4s,MS5.1						LR	LR	
P10A	comp=Z,650nm,23.6s,MS4.9	Eureka	80.29	42	U	P			17 37 08.9 +0.3
E03A	baz=80, SNR=6.2	Lebam	80.33	34	U	P			17 37 09.4 +0.8
Q11A	baz=80	Duckwater	80.38	43	U	P			17 37 09.5 +0.4
TUC	baz=81	Tucson	80.38	51	eP	P			17 37 08.2 -1.1
TUC	comp=Z,31nm,1.4s,mb5.0						MLR	MLR	
TUC	comp=Z,21m,19.0s,MS5.5	Tucson	80.38	51	eP	P			17 37 08.2 -1.1
TUC	comp=Z,31nm,1.4s,mb5.0						MLR	MLR	

TUC	comp=Z,21m,19.0s,MS5.5						LR	LR	
V14A	comp=Z,21m,19.0s,MS5.5	Boquillas Ranc	80.39	47	U	P			17 37 10.2 +0.9
X15A	baz=81, SNR=17	Humboldt	80.41	49	U	P			17 37 10.2 +0.8
Z16A	baz=81, SNR=16	Peralta Trail,	80.42	50	U	P			17 37 09.3 -0.2
117A	baz=81	Oracle	80.54	51	U	P			17 37 10.5 +0.3
F04A	baz=81	Amboy	80.54	35	U	P			17 37 10.2 +0.4
318A	baz=81	Bisbee	80.55	52	U	P			17 37 11.1 +0.9
WVOR	comp=Z,46nm,1.1s,mb5.3	Wild Horse Val	80.56	39	eP	P			17 37 09.1 -0.9
WVOR	comp=Z,46nm,1.1s,mb5.3	Wild Horse Val	80.56	39	eP	P			17 37 09.1 -0.9
T13A	baz=81	Saint George	80.56	46	U	P			17 37 10.6 +0.5
GZH	comp=Z,46nm,1.1s,mb5.3	Guangzhou	80.57	298	P	S			17 37 10.1 -0.4
GZH	comp=N,550nm,19.3s,MS5.2						LR	LR	17 47 12.8 -3.6
GZH	comp=E,970nm,22.5s,MS5.2						LR	LR	
GZH	comp=Z,21m,26.1s,MS5.3						LR	LR	
HOOD	comp=Z,21m,26.1s,MS5.3	Mount Hood Mea	80.58	36	eP	P			17 37 09.6 -0.4
L08A	baz=81	Fields	80.59	40	U	P			17 37 10.5 +0.4
O10A	baz=81	Cortez Mining,	80.64	42	U	P			17 37 10.9 +0.4
Y16A	baz=81	Circle Bar Ran	80.65	50	U	P			17 37 11.6 +0.9
NLWA	baz=81, SNR=25	Neilton Lookou	80.72	33	PFAKE	LR			17 37 20.0 +9.3
U14A	comp=Z,21m,20.0s,MS5.4	Mt Trumbull	80.74	47	U	P			17 37 11.8 +0.7
218A	baz=81	Dragon	80.77	52	U	P			17 37 11.6 +0.3
R12A	baz=81	Pony Springs,	80.79	44	U	P			17 37 11.7 +0.4
ERK	baz=81, SNR=12	Elk Rock	80.82	34	U	P			17 37 11.9 +0.7
S13A	baz=81	Holt Ranch, En	80.89	45	U	P			17 37 12.2 +0.3
X16A	baz=81	Lo Mia Camp, P	80.94	49	U	P			17 37 13.3 +1.1
H06A	baz=81, SNR=26	Lindquist Farm	80.95	37	U	P			17 37 12.0 0.0
Y17A	baz=81, SNR=22	Roosevelt	81.02	50	U	P			17 37 13.0 +0.3
Q12A	baz=81	Willow Creek R	81.02	44	U	P			17 37 12.9 +0.4
I07A	baz=81	Izee	81.03	37	U	P			17 37 12.7 +0.2
319A	baz=81, SNR=5.8	Douglas	81.06	53	U	P			17 37 13.2 +0.3
G06A	baz=81, SNR=6.7	Carlson Farm,	81.09	36	U	P			17 37 12.7 0.0
O11A	baz=81	Cowboy Ranch,	81.09	42	U	P			17 37 13.3 +0.4
Z17A	baz=81	San Carlos Hig	81.09	50	U	P			17 37 12.8 -0.3
V15A	baz=81	Kaibab Nationa	81.13	48	U	P			17 37 14.3 +1.1
R13A	baz=81, SNR=11	O'Grin Ranch,	81.13	45	U	P			17 37 13.5 +0.4
RSO	baz=81	Redoubt South	81.14	11	eP	P			17 37 11.6 -1.0
T14A	baz=81	Hurricane	81.14	46	U	P			17 37 13.2 -0.1
J08A	baz=81	Circle Bar Ran	81.20	38	U	P			17 37 13.5 +0.1
CCUT	baz=81	Cedar City	81.21	46	eP	P			17 37 12.6 -1.0
P12A	comp=Z,36nm,1.2s,mb5.2	McGill	81.21	43	U	P			17 37 13.4 -0.1
W16A	baz=81	Flagstaff	81.22	48	U	P			17 37 13.9 +0.2
SW2	baz=81	Sparrevohn	81.24	10	eP	P			17 37 11.7 -1.4
ARUT	comp=Z,36nm,1.2s,mb5.2	Antelope Range	81.28	45	P	pmx			17 37 13.0 -0.9
M10A	comp=Z,12nm,0.4s,mb5.2	I.L. Ranch, Tu	81.31	41	U	P			17 37 14.4 +0.4
U15A	baz=82, SNR=12	White Pass	81.36	47	U	P			17 37 15.5 +1.1
219A	baz=82, SNR=18	White Tail Can	81.37	52	U	P			17 37 14.4 -0.1
LOA	baz=82	Longmire	81.39	34	eP	P			17 37 17.2 +2.9
LOA	comp=Z,19nm,1.2s,mb4.9	Longmire	81.39	34	eP	P			17 37 17.2 +2.9
WPW	comp=Z,20nm,1.2s,mb4.9	White Pass	81.50	34	P				17 37 15.0 +0.2
Q13A	comp=Z,20nm,1.2s,mb4.9	Wheeler Ranch,	81.51	44	U	P			17 37 15.0 -0.1
WUAZ	baz=82	Wupatki	81.54	48	U	P			17 37 15.5 +0.1
WUAZ	comp=Z,68nm,1.4s,mb5.4	Wupatki	81.54	48	eP	P			17 37 15.2 -0.1
D05A	baz=82	Enumclaw	81.57	34	U	P			17 37 15.7 +0.4
T15A	baz=82, SNR=5.7	Red Dirt Ranch	81.60	46	U	P			17 37 16.6 +0.9
320A	baz=82, SNR=12	Kipp Ranch, An	81.61	53	U	P			17 37 15.3 -0.5
J09A	baz=82	Fry Pan Ranch,	81.62	39	U	P			17 37 15.8 +0.2
Y18A	baz=82, SNR=22	Canyon Day Jun	81.65						

G10A	Bishop Farm, J	83.11	37	U	P	17 37 23.4	0.0
X20A	Quemado	83.13	50	U	P	17 37 25.1	+1.3
D08A	Wollman Farm	83.14	35	U	P	17 37 23.6	+0.2
J12A	Stokes Ranch	83.16	40	U	P	17 37 23.1	-0.6
Z21A	St. Cloud Mine	83.16	52	U	P	17 37 25.3	+1.4
BGU	Big Grassy Mtn	83.20	43	U	P	17 37 24.2	+0.3
DIV	Divide	83.21	44	U	P	17 37 26.3	+2.9
O15A	The Old Anders	83.23	44	U	P	17 37 24.5	+0.5
L13A	Double Diamond	83.24	41	U	P	17 37 24.4	+0.3
E09A	Wood Farm, Sta	83.24	36	U	P	17 37 24.3	+0.3
M14A	Sheep Mountain	83.30	42	U	P	17 37 24.9	+0.5
NLU	North Lily Min	83.32	44	U	P	17 37 23.7	-0.8
BMRM	Bremner River	83.34	15	U	P	17 37 22.1	-2.1
B07A	Winthron	83.35	34	U	P	17 37 24.4	-0.1
Q16A	Castle Valley	83.39	45	U	P	17 37 25.0	0.0
T18A	Mexican Hat	83.39	47	U	P	17 37 25.9	+0.9
W20A	Ramah	83.40	50	U	P	17 37 26.4	+1.3
H11A	Donnelly	83.42	38	U	P	17 37 24.9	-0.1
I12A	Atlanta	83.44	40	U	P	17 37 25.1	+0.1
F10A	Beach Ranch, E	83.44	37	U	P	17 37 24.5	-0.5
R17A	Hanksville Air	83.45	46	U	P	17 37 25.7	+0.4
U19A	Dine' College,	83.45	48	U	P	17 37 24.8	-0.5
OD2	Odessa Site #2	83.45	35	U	P	17 37 25.0	-0.1
K13A	Stover Farm, H	83.45	41	U	P	17 37 24.8	-0.3
D09A	Jones Farm, Ri	83.48	36	U	P	17 37 25.1	-0.1
Y21A	Point of Rocks	83.48	51	U	P	17 37 27.1	+1.5
C08A	Higginbotham F	83.51	35	U	P	17 37 24.8	-0.6
TMUT	Trail Mountain	83.56	45	U	P	17 37 26.3	+0.5
COCO	West Island	83.57	259	U	P	17 37 40.0	+1.4
COCO				LR			
A07A	Ashnola River,	83.57	33	U	P	17 37 25.6	-0.1
S18A	Hurst Farm, B1	83.58	47	U	P	17 37 25.5	-0.5
X21A	Alamocita Cree	83.60	51	U	P	17 37 27.5	+1.4
MPU	Maple Canyon	83.64	44	U	P	17 37 26.4	+0.2
L14A	Malta	83.65	42	U	P	17 37 26.6	+0.3
G11A	Walters Elk Ra	83.67	38	U	P	17 37 25.4	-0.8
B08A	Colville Reser	83.70	34	U	P	17 37 25.9	-0.4
V20A	Brimhall	83.75	49	U	P	17 37 27.5	+0.7
HLID	Hailey	83.75	40	U	P	17 37 27.4	+0.7
HLID	Hailey	83.75	40	U	P	17 37 24.4	-2.2
HLID				ePP			
J13A	Cove Ranch, Pi	83.80	40	U	P	17 37 35.0	-5.2
E10A	Myers Farm, Un	83.81	36	U	P	17 37 27.0	+0.1
HVU	Hansel Valley	83.81	42	U	P	17 37 25.0	-2.1
HVU				pmax			
HVU				pmax			
HVU	Hansel Valley	83.81	42	U	P	17 37 25.0	-2.0
O16A	Springville	83.82	44	U	P	17 37 27.5	+0.3
T19A	Reclabito	83.84	48	U	P	17 37 27.8	+0.5
MAW	Mawson	83.85	199	U	P	17 37 27.4	+0.5
MAW	Mawson	83.85	199	U	P	17 37 26.7	-0.2
MAW				LR		18 15 01.2	
SEV				LR			
M15A	Larsen Ranch,	83.86	43	U	P	17 37 27.4	+0.1
SRU	San Rafael	83.92	45	U	P	17 37 27.6	-0.1
SRU				pmax			
SRU	San Rafael	83.92	45	U	P	17 37 28.1	+0.4
SRU				pmax			
SRU	San Rafael	83.92	45	U	P	17 37 27.6	-0.1
C09A	Chrisman Ranch	83.94	35	U	P	17 37 27.3	-0.2
P17A	Butcher Ranch,	83.96	45	U	P	17 37 28.0	+0.2
K14A	Jones Ranch, D	83.96	41	U	P	17 37 28.3	+0.5
324A	Moseley Ranch,	83.97	54	U	P	17 37 27.9	-0.2
U20A	Newcomb	83.98	49	U	P	17 37 28.8	+0.8
R18A	Canyonlands Na	83.99	46	U	P	17 37 28.4	+0.4
F11A	Grangeville	84.01	37	U	P	17 37 26.7	-1.3
W21A	San Fidel	84.02	50	U	P	17 37 28.4	+0.1
H12A	Diamond D Ranc	84.02	39	U	P	17 37 28.0	-0.1
D10A	Wagner Farm, O	84.05	36	U	P	17 37 27.7	-0.5
LAZ	Ladron	84.06	51	U	P	17 37 29.3	+0.8
JLU	Jordanelle	84.06	44	U	P	17 37 25.2	-3.1
LENM	Lemitar	84.07	51	U	P	17 37 29.2	+0.6
425A	Indio Mountain	84.07	55	U	P	17 37 28.3	-0.4
I13A	Wildhorse Cree	84.12	40	U	P	17 37 28.9	+0.3
MNTX	Corundas Mount	84.16	54	U	P	17 37 29.4	+0.3
MNTX				LR			
L15A	Malad City	84.18	42	U	P	17 37 28.4	-0.5
Q18A	Rafter H Ranch	84.18	46	U	P	17 37 28.4	-0.6
X22A	Bernardo	84.20	51	U	P	17 37 29.1	-0.1
G26A	Big Bend Ranch	84.21	56	U	P	17 37 30.5	+1.1
N16A	Rees Ranch, Co	84.21	43	U	P	17 37 29.5	+0.3
224A	Corundas Mount	84.22	54	U	P	17 37 30.9	+1.5
E11A	Bogner Ranch,	84.24	37	U	P	17 37 28.7	-0.4
TNA	Tin City	84.27	3	U	P	17 37 28.2	-0.6
TNA				ePP			
BNN	Barren Site	84.32	51	U	P	17 40 35.6	-8.3
O17A	Robinson Place	84.32	44	U	P	17 37 29.6	+0.3
KTH	Kantishna Hill	84.33	11	U	P	17 37 26.0	-3.2
325A	Bean Ranch, Si	84.34	54	U	P	17 37 29.8	-0.2

V21A	Milan	84.34	49	U	P	17 37 29.2	-0.7
TRF	Thorofare Moun	84.35	11	U	P	17 37 26.0	-3.3
P18A	Preston Nutter	84.37	45	U	P	17 37 29.3	-0.6
B09A	Rice	84.37	35	U	P	17 37 29.2	-0.5
R19A	Curley Farm, L	84.38	47	U	P	17 37 30.3	+0.3
H13A	Challis	84.39	39	U	P	17 37 30.1	+0.2
CHUM	Lake Minchumim	84.39	10	U	P	17 37 25.9	-3.6
MVCO	Mesa Verde	84.39	48	U	P	17 37 30.2	+0.1
MVCO	Mesa Verde	84.39	48	U	P	17 37 29.8	-0.3
K15A	Arbon	84.44	41	U	P	17 37 30.0	-0.3
F12A	Elk City	84.46	38	U	P	17 37 29.4	-0.8
S26A	Mary Lane Ranc	84.46	56	U	P	17 37 29.9	-0.8
A09A	Danville	84.47	34	U	P	17 37 30.2	0.0
TXAR	Lajas Arroy	84.49	57	U	P	17 37 30.4	-0.4
HWUT	Hardware Ranch	84.50	43	U	P	17 37 28.6	-2.0
HWUT				LR			
USHU	Ushuaia	84.52	146	U	P	18 06 14.7	
I14A	Mackay	84.53	40	U	P	17 37 30.9	+0.3
124A	Stringfield Ra	84.55	53	U	P	17 37 32.5	+1.5
W22A	Albuquerque	84.56	50	U	P	17 37 31.0	0.0
D11A	Klaviano Farm,	84.57	36	U	P	17 37 30.7	0.0
N17A	Moffitt Pass	84.63	44	U	P	17 37 31.5	+0.3
G13A	Cobal	84.69	39	U	P	17 37 31.5	+0.1
Q19A	Hog Spring (C	84.70	46	U	P	17 37 32.1	+0.4
627A	Terlingua Ranc	84.76	57	U	P	17 37 32.0	-0.2
L16A	Fish Haven	84.79	42	U	P	17 37 31.8	-0.2
ANMO	Albuquerque	84.81	51	U	P	17 37 31.3	-1.0
ANMO				pmax			
ANMO				MLR			
ANMO	Albuquerque	84.81	51	U	P	17 37 31.2	-1.0
ANMO				LR		18 07 52.9	
ANMO				LR			
ANMO	Albuquerque	84.81	51	U	P	17 37 31.3	-1.0
ANMO				LR			
ANMO				LR			
NEW	Newport	84.83	35	U	P	17 37 31.7	-0.4
NEW				pmax			
NEW	Newport	84.83	35	U	P	17 37 31.7	-0.4
NEW				pmax			
O18A	Roosevelt	84.84	45	U	P	17 37 32.5	+0.1
MCK	McKinley	84.86	12	U	P	17 37 28.9	-2.9
MCK				pmax			
MCK	McKinley	84.86	12	U	P	17 37 28.9	-2.9
MCK				pmax			
J15A	Blackfoot	84.88	41	U	P	17 37 33.4	+0.9
PAX	Paxson	84.90	13	U	P	17 37 30.4	-1.6
PAX				e		17 40 45.6	
PAX				pmax			
PAX	Paxson	84.90	13	U	P	17 37 30.4	-1.7
PAX				pmax			
R20A	Redvale	84.94	47	U	P	17 40 45.6	-3.5
R20A				ePP		17 37 32.9	+0.1
H14A	Leadore	84.95	40	U	P	17 37 33.3	+0.5
M17A	Scullys Gap (B	85.01	43	U	P	17 37 32.8	-0.3
F13A	Darby	85.01	38	U	P	17 37 32.5	-0.6
A10A	Northport	85.02	34	U	P	17 37 32.7	-0.2
S21A	Coal Bank Pass	85.10	48	U	P	17 37 33.7	+0.1
K16A	Soda Springs	85.11	42	U	P	17 37 33.9	+0.3
S16A	Seymchan	85.13	346	U	P	17 37 31.7	-1.5
I15A	Montevie	85.16	40	U	P	17 37 34.1	+0.2
GDL2	Guadalupe Moun	85.16	54	U	P	17 37 34.2	+0.1
L17A	Cokeville	85.19	43	U	P	17 37 33.6	-0.4
G14A	Jackson	85.23	39	U	P	17 37 34.5	+0.4
MENT	Mentasta	85.27	14	U	P	17 37 33.0	-0.9
226A	Malaga, Loving	85.30	54	U	P	17 37 35.0	+0.1
J16A	Bone	85.32	41	U	P	17 37 35.3	+0.7
427A	Hayter Ranch,	85.33	55	U	P	17 37 35.1	+0.1
B11A	Sandpoint	85.34	35	U	P	17 37 34.5	-0.1
Q20A	Ridley Place,	85.36	46	U	P	17 37 35.5	+0.5
MCMT	McKenzie Canyo	85.38	40	U	P	17 37 35.2	+0.3
M18A	Lyman	85.38	44	U	P	17 37 35.2	+0.3
AHID	Auburn Hatcher	85.39	42	U	P	17 37 34.1	-0.9
AHID				LR			
N18A	Larsen Ranch,	85.41	44	U	P	17 37 35.4	+0.2
C12B	Naegeli Ranch,	85.42	36	U	P	17 37 35.3	+0.2
T22A	Dith	85.43	49	U	P	17 37 34.7	-0.6
O19A	Miners Draw (B	85.45	45	U	P	17 37 35.0	-0.4
E13A	Victor	85.45	38	U	P	17 37 35.0	-0.2
KULM	Kulim	85.46	277	U	P	17 37 50.0	+1.4
KULM				LR			
K17A	Gardner Place	85.49	42	U	P	17 37 35.8	+0.3
S28A	Cox Ranch, San	85.53	56	U	P	17 37 35.9	-0.1
RR12	Red Ridge	85.55	41	U	P	17 37 34.3	-1.4
R21A	Cimarron	85.60	47	U	P	17 37 37.0	+0.9
126A	Clayton Basin,	85.61	54	U	P	17 37 36.4	0.0
A11A	Hall Mountain,	85.64	35	U	P	17 37 36.5	+0.4
D13A	Huson	85.66	37	U	P	17 37 36.3	+0.1
DLBC	Dease Lake	85.70	22	U	P	17 37 35.5	-0.6
DLBC				LR		18 07 31.6	
DLBC	Dease Lake	85.70	22	U	P	17 37 35.3	-0.8
N19A	John Jarvie Ra	85.70	44	U	P	17 37 36.6	0.0
I16A	Newdale	85.71	41	U	P	17 37 37.3	+0.7
DC1							

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like E17A Martinsdale, EGAK Eagle, GYA Gaiyang, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HKT Hockley, YAK Yakutsk, CMAR Chiang Mai, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like FFC Flin Flon, SCIA State Center, CCM Cathedral Cave, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GZUR, PLOR, VRI, YER, TUR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KARP, ARG, KSL, ZKR, AKAS, etc.

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

ISK 15 18:06:46.9, 37.00N, 29.18E, h5km, MD3.0
ISCJB 15 18:06:48.5, 0.5, 37.00N, 0.03, 29.18E, 0.03, h3km, 5km,
Error ellipse: s-maj=4.3km s-min=4.1km az=25.2

IDA 15 18:06:48.6, 0.1, 36.96N, 29.17E, h8km, MD3.0, Error
ellipse: s-maj=2.2km s-min=1.8km az=36.0

DDA 15 18:06:49.1, 37.01N, 29.17E, h7km, 6km, MD3.0
ISC 15 18:06:49.1, 0.5, 36.99N, 0.03, 29.19E, 0.03, h8km, 5km,

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GLHS, FET, TUR, ELL, etc.

15d 18hc

KOLS	Kolonické sedl	15.01 344	eP	Pn	18 20 08.0	+6.1
KECS	Kecovo	15.06 339	eP	Pn	18 20 07.9	+5.4
KECS	comp=Z,3.0nm,1.0s		pmx	pmx		
KECS	Kecovo	15.06 339	eP	Pn	18 20 07.9	+5.4
CRVS	Cervenica-Dubn	15.18 342	eP	Pn	18 20 08.5	+4.5
CRVS	comp=Z,1.4nm,1.4s		pmx	pmx		
CRVS	Cervenica-Dubn	15.18 342	eP	Pn	18 20 08.5	+4.5
CRVS	comp=Z,1.4nm,1.4s		pmx	pmx		
KNDS	Knezi Dol	15.27 320	i Pn	Pn	18 20 02.3	-3.0
GOF	Gofitskye	15.31 43	eP	Px	18 20 19.6	
L'vov	L'vov	15.53 349	eP	Pn	18 20 12.0	+3.4
L'vov	L'vov	15.53 349	eP	Pn	18 20 12.0	+3.4
VYHS	Vyhne	15.59 336	eP	pmx	18 20 14.3	+4.9
VYHS	comp=Z,8.0nm,1.0s		pmx	pmx		
VYHS	Vyhne	15.59 336	eP	Pn	18 20 14.3	+4.9
VYHS	comp=Z,7.9nm,1.0s		pmx	pmx		
KEST	Kesra	15.62 280	Pn	Pn	18 20 14.2	+4.3
STHS	Stebnicka Huta	15.71 343	eP	pmx	18 20 15.5	+4.6
STHS	comp=Z,0.2nm,0.3s,baz=21,slow=9.9,SNR=5.6		pmx	pmx		
STHS	Stebnicka Huta	15.71 343	eP	Pn	18 20 15.5	+4.6
STHS	comp=Z,6.7nm,0.9s		pmx	pmx		
STHS	Stebnicka Huta	15.71 343	eP	Pn	18 20 15.5	+4.6
STHS	comp=Z,7.0nm,0.9s		pmx	pmx		
SOKA	Soboth	15.72 324	i/Pn	Pn	18 20 10.1	-1.0
SOKA	comp=Z,9.3nm,0.3s		pmx	pmx		
SOKA	Soboth	15.72 324	Pn	Pn	18 20 10.1	-1.0
SOKA	comp=Z,9.3nm,1.3s		pmx	pmx		
KOLL	Kolacno	15.81 335	eP	Pn	18 20 16.5	+4.3
KOLL	Kolacno	15.81 335	eP	Pn	18 20 16.5	+4.3
OBKA	Obir	15.84 323	i/Pn	Pn	18 20 09.3	-3.4
VOY	Vojsko	15.86 320	eP	Pn	18 20 10.5	-2.4
VOY	comp=Z,9.3nm,1.0s		pmx	pmx		
VOY	Vojsko	15.86 320	eP	Pn	18 20 10.5	-2.4
VOY	comp=Z,9.3nm,1.0s		pmx	pmx		
VOJS	Vojsko	15.86 320	eP	Pn	18 20 10.9	-2.1
VOJS	comp=Z,9.3nm,1.0s		pmx	pmx		
ARSA	Arzberg	15.91 326	i/Pn	Pn	18 20 12.4	-1.1
ARSA	comp=Z,8.5nm,1.1s		pmx	pmx		
ARSA	Arzberg	15.91 326	Pn	Pn	18 20 12.4	-1.1
ZST	Bratislava	15.97 332	eP	pmx	18 20 20.5	+6.2
ZST	comp=Z,6.0nm,0.6s		pmx	pmx		
ZST	Bratislava	15.97 332	eP	Pn	18 20 20.5	+6.2
ZST	comp=Z,6.4nm,0.6s		pmx	pmx		
KIEV	Kiev	16.08 2	eP	pmx	18 20 14.4	-1.3
KIEV	comp=Z,1.1nm,0.7s		pmx	pmx		
KIEV	Kiev	16.08 2	eP	Pn	18 20 14.4	-1.3
KIEV	comp=Z,1.1nm,0.7s		pmx	pmx		
AKASG	Malin Array Be	16.09 2	Pn	Pn	18 20 16.6	+0.8
AKASG	comp=Z,4.1nm,0.3s,baz=191,slow=11,SNR=15		pmx	pmx		
AKASG	Malin Array Be	16.09 2	Pn	Pn	18 20 16.6	+0.8
AKASG	comp=Z,4.1nm,0.3s,baz=191,slow=11,SNR=15		pmx	pmx		
OJC	Ojcow	16.82 341	eP	Pn	18 20 26.5	+1.5
OJC	Ojcow	16.82 341	eP	Pn	18 20 26.5	+1.5
KBA	Koelnbreinsper	16.84 322	i/Pn	Pn	18 20 23.5	-1.7
KBA	comp=Z,1.3nm,0.7s		pmx	pmx		
KBA	Koelnbreinsper	16.84 322	Pn	Pn	18 20 23.5	-1.8
KBA	comp=Z,1.3nm,0.7s		pmx	pmx		
OKC	Ostrava-Krasne	16.98 337	eP	Pn	18 20 28.5	+1.5
ABTA	Abfaltersbach	17.05 320	i/Pn	Pn	18 20 26.4	-1.5
ABTA	comp=Z,6.6nm,0.7s,SNR=6.9		pmx	pmx		
ABTA	Abfaltersbach	17.05 320	Pn	Pn	18 20 26.4	-1.5
ABTA	comp=Z,6.6nm,0.7s,SNR=6.9		pmx	pmx		
VRAC	Vranov	17.07 333	Pn	Pn	18 20 28.2	0.0
VRAC	comp=Z,0.2nm,0.3s,baz=146,slow=10,SNR=4.1		pmx	pmx		
VRAC	Vranov	17.07 333	Pn	Pn	18 20 28.2	0.0
VRAC	comp=Z,0.2nm,0.3s,baz=146,slow=10,SNR=4.1		pmx	pmx		
PGF	Pioggiola	17.09 303	eP	Pn	18 20 27.5	-0.9
PGF	Pioggiola	17.09 303	eP	Pn	18 20 27.5	-0.9
MORC	Moravsky Berou	17.12 336	eP	pmx	18 20 24.8	-4.0
MORC	comp=Z,10.0nm,1.2s		pmx	pmx		
MORC	Moravsky Berou	17.12 336	eP	Pn	18 20 24.8	-4.1
MORC	comp=Z,9.6nm,1.2s		pmx	pmx		
RJOB	Jochberg	17.56 323	eP	Pn	18 20 32.7	-1.5
GECC	GERESS Array S	17.91 327	eP	pmx	18 20 37.2	-1.4
GECC	comp=Z,5.0nm,0.7s		pmx	pmx		
GECC	GERESS Array S	17.91 327	eP	Pn	18 20 37.2	-1.4
GECC	comp=Z,5.0nm,0.7s		pmx	pmx		
GERES	GERESS Array B	17.91 327	Pn	Pn	18 20 38.1	-0.4
GERES	comp=Z,9.0nm,1.4s		pmx	pmx		
GERES	GERESS Array B	17.91 327	Pn	Pn	18 20 38.1	-0.4
GERES	comp=Z,9.0nm,1.4s		pmx	pmx		
DPC	Dobruska-Polom	18.03 334	eP	Pn	18 20 41.4	-0.4
MOTA	Moosalm	18.18 320	i/Pn	Pn	18 20 41.4	-0.4
MOTA	comp=Z,6.5nm,0.8s		pmx	pmx		
MOTA	Moosalm	18.18 320	Pn	Pn	18 20 41.4	-0.4
MOTA	comp=Z,6.5nm,0.8s		pmx	pmx		
KHC	Kasperske Hory	18.18 327	eP	Pn	18 20 41.4	-0.4
FETA	Feichten	18.18 318	i/Pn	Pn	18 20 42.1	+0.2
FETA	comp=Z,2.1nm,1.0s,SNR=11		pmx	pmx		
FETA	Feichten	18.18 318	Pn	Pn	18 20 42.1	+0.2
FETA	comp=Z,2.1nm,1.0s,SNR=11		pmx	pmx		
UPC	Udice	18.28 334	eP	Pn	18 20 42.9	-0.1
VSR	Storozhevoje	18.34 22	eP	pmx	18 20 43.9	+0.2
VSR	comp=Z,6.0nm,0.4s		pmx	pmx		
VSR	Storozhevoje	18.34 22	eP	Pn	18 20 43.9	+0.2
VSR	comp=Z,6.0nm,0.4s		pmx	pmx		
VSR	comp=N,30nm,1.0s		pmx	pmx		
VSR	Storozhevoje	18.34 22	eP	Pn	18 20 43.9	+0.2
VSR	comp=E,10.0nm,0.5s		pmx	pmx		
PRU	Pruhonice	18.42 331	eP	Pn	18 20 35.6	-9.2
KSP	Ksiaz	18.46 335	eP	Pn	18 20 44.5	+0.3
WET	Wetzell	18.50 326	eP	pmx	18 20 44.6	-1.2
WET	comp=Z,7.0nm,0.9s		pmx	pmx		
WET	Wetzell	18.50 326	eP	Pn	18 20 44.6	-1.2
WET	comp=Z,7.0nm,0.9s		pmx	pmx		
WET	Wetzell	18.50 326	eP	Pn	18 20 44.6	-1.2
WET	comp=Z,7.0nm,0.9s		pmx	pmx		
DAVOS	Davos/Dischmat	18.52 317	P	Pn	18 20 46.3	+0.4
DAVOS	comp=Z,1.8nm,0.3s,baz=18,SNR=19		pmx	pmx		
DAVOS	Davos/Dischmat	18.52 317	P	Pn	18 20 46.3	+0.4
DAVOS	comp=Z,1.8nm,0.3s,baz=18,SNR=19		pmx	pmx		
DAVOS	Davos	18.60 317	P	Pn	18 20 46.3	-0.7
DAVOS	Davos	18.60 317	P	Pn	18 20 46.3	-0.7
SBF	Sospel	18.64 306	eP	pmx	18 20 46.4	-1.1
SBF	comp=Z,22nm,0.8s		pmx	pmx		
SBF	Sospel	18.64 306	eP	Pn	18 20 46.4	-1.1
SBF	comp=Z,231nm,0.8s		pmx	pmx		
SBF	Sospel	18.64 306	eP	Pn	18 20 46.4	-1.1
SBF	comp=Z,31nm,0.8s		pmx	pmx		
SBF	Sospel	18.64 306	eP	Pn	18 20 46.4	-1.1
SBF	comp=Z,31nm,0.8s		pmx	pmx		
TUE	Stuetta	18.65 315	eP	Pn	18 20 48.2	+0.6
TUE	comp=Z,9.0nm,0.8s		pmx	pmx		
TUE	Stuetta	18.65 315	eP	Pn	18 20 48.2	+0.6
TUE	comp=Z,9.0nm,0.8s		pmx	pmx		
VAI	Varese	18.68 313	P	Pn	18 20 48.1	+0.1
VAI	Varese	18.68 313	P	Pn	18 20 48.1	+0.1
DAVA	Damuels	18.81 318	i/Pn	Pn	18 20 49.4	-0.1
DAVA	comp=Z,25nm,0.8s		pmx	pmx		
DAVA	Damuels	18.81 318	Pn	Pn	18 20 49.4	-0.1
DAVA	comp=Z,25nm,0.8s		pmx	pmx		
PVCC	Panska Ves	18.83 332	eP	Pn	18 20 49.9	+0.1
FRF	La Foret Royal	19.06 304	eP	Pn	18 20 51.4	-1.2
FRF	La Foret Royal	19.06 304	eP	Pn	18 20 51.4	-1.2
VRHR	Novokhopersk	19.06 26	eP	pmx	18 20 53.6	+1.1
VRHR	comp=Z,20nm,1.0s		pmx	pmx		
VRHR	Novokhopersk	19.06 26	eP	Pn	18 20 53.6	+1.1
VRHR	comp=N,60nm,1.7s		pmx	pmx		
VRHR	Novokhopersk	19.06 26	eP	Pn	18 20 53.6	+1.1
VRHR	comp=E,40nm,1.0s		pmx	pmx		
VRHR	Novokhopersk	19.06 26	eP	Pn	18 20 53.6	+1.1
VRHR	comp=E,60nm,1.7s		pmx	pmx		
LMR	La Moure	19.08 304	eP	Pn	18 20 52.3	-0.4
LMR	La Moure	19.08 304	eP	Pn	18 20 52.3	-0.4
ROTZ	Rotzenmuhle	19.25 327	eP	Pn	18 20 53.6	-1.2

2008 APR

BRG	Berggiesshubel	19.35 331	eP	Pn	18 20 55.2	-0.8
BRG	comp=Z,6.0nm,0.9s		e			
BRG	Berggiesshubel	19.35 331	eP	Pn	18 20 55.2	-0.8
BRG	comp=Z,6.0nm,0.9s		pmx	pmx		
BRG	Berggiesshubel	19.35 331	eP	Pn	18 20 55.2	-0.8
BRG	comp=Z,2.0nm,0.9s		pmx	pmx		
BRG	Berggiesshubel	19.35 331	eP	Pn	18 20 55.1	-0.9
BRG	comp=Z,3.0nm,0.7s		pmx	pmx		
BRG	Berggiesshubel	19.35 331	eP	Pn	18 20 55.2	-0.8
BRG	comp=Z,6.0nm,0.7s		pmx	pmx		
MBDF	Montbardon	19.42 308	eP	Pn	18 20 54.0	-2.8
MBDF	comp=Z,2.8nm,0.7s		pmx	pmx		
MBDF	Montbardon	19.42 308	eP	Pn	18 20 54.0	-2.8
MBDF	comp=Z,2.8nm,0.7s		pmx	pmx		
MBDF	Montbardon	19.42 308	eP	Pn	18 20 54.0	-2.8
MBDF	comp=Z,1.4nm,0.7s		pmx	pmx		
MBDF	Montbardon	19.42 308	eP	Pn	18 20 54.0	-2.8
MBDF	comp=Z,1.4nm,0.7s		pmx	pmx		
NKC	Novy Kostel	19.42 328	eP	Pn	18 20 54.7	-1.9
NKC	comp=Z,6.0nm,0.9s		pmx	pmx		
WERN	Wernitzgrun	19.56 328	eP	Pn	18 20 56.4	-2.0
WERN	comp=Z,8.0nm,1.0s		pmx	pmx		
BNI	Banouchie	19.61 309	eP	Pn	18 20 57.8	-1.3
BNI	Banouchie	19.61 309	eP	Pn	18 20 57.8	-1.3
TANN	Tannenbergrun	19.61 328	eP	Pn	18 20 57.3	-1.8
TANN	comp=Z,9.0nm,1.2s		pmx	pmx		
GUNZ	Gunzen	19.63 328	eP	Pn	18 20 56.7	-2.6
GUNZ	comp=Z,0.0nm,0.8s		pmx	pmx		
GRA1	Grafenberg Arr	19.66 325	eP	Pn	18 20 58.1	-1.5
GRA1	comp=Z,9.0nm,0.8s		pmx	pmx		
GRA1	Grafenberg Arr	19.66 325	eP	Pn	18 20 58.1	-1.5
GRA1	comp=Z,9.0nm,0.8s		pmx	pmx		
GRF	Grafenberg Arr	19.66 325	eP	pmx	18 20 58.1	-1.5
GRF	comp=Z,9.0nm,0.8s		MLR	MLR		
GRF	Grafenberg Arr	19.66 325	eP	Pn	18 20 58.1	-1.5
GRF	comp=Z,9.0nm,0.8s		MLR	MLR		
GRF	Grafenberg Arr	19.66 325	eP	Pn	18 20 58.1	-1.5
GRF	comp=Z,9.0nm,0.8s		MLR	MLR		
GRF	Grafenberg Arr	19.66 325	eP	Pn	18 20 58.1	-1.5
GRF	comp=Z,9.0nm,0.8s		MLR	MLR		
GRF	Grafenberg Arr	19.66 325	eP	Pn	18 20 58.1	-1.5
GRF	comp=Z,9.0nm,0.8s		MLR	MLR		
WERD	Werda	19.70 328	eP	Pn	18 20 57.7	-2.5
SUW	Suwalki	19.74 351	eP	Pn	18 20 58.7	-1.8
SUW	Suwalki	19.74 351	eP	Pn	18 20 58.7	-1.8

Table of station data for 695, including call signs like MFF, MFF, MFF, MENF, etc., and their associated frequencies and parameters.

Table of station data for 2008 APR, including call signs like KURK, KURK, DBIC, etc., and their associated frequencies and parameters.

Table of station data for 15d 18h, including call signs like SNZO, THZ, THZ, etc., and their associated frequencies and parameters.

NEIC 15-18:28.1±1.0, 23.3°50'S; 179°84'W, h520km, 12km, mb4/4/22, Error ellipse: s-maj=10.9km s-min=8.5km az=137.0

Table of station data for Fiji Islands, including call signs like AFI, AFI, AFI, etc., and their associated frequencies and parameters.

15d 18h

Table with columns: Code, Station Name, Frequency, Azimuth, Phase ID, Time, Res. Includes stations like Dobruska-Polom, Moravsky Berou, Colim, Bergjesshubel, etc.

BRG comp=Z,7,3nm,1.1s
BRG Bergjesshubel 150.82 342 e
BRG comp=Z,7,14nm,0.9s

ISK 15 18:25:00.8,36.95N,29.25E,h5km,MD2.9
ISCJB 15 18:25:02.1,0.6,36.98N,0.03,29.22E,0.04,h2km,7km,
Error ellipse: s-maj=5.2km s-min=4.4km az=138.8

CSEM 15 18:25:02.3,0.1,36.98N,29.24E,h5km,MD2.9,Error
ellipse: s-maj=3.6km s-min=2.6km az=3.0
DDA 15 18:25:03.0,37.02N,29.16E,h7km,4km,MD2.7

ISC 15 18:25:02.6,0.5,36.97N,0.03,29.22E,0.04,h7km,6km,
n38,-0.68/57,Turkey

Main station list table for 15d 18h. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GLHS, FETY, TURN, etc.

NEIC 15 18:37:21.3,37.90S,176.21E,h196km,MG4.2(WEL),
After WEL

WEL 15 18:37:21.7,0.3,37.94S,176.23E,h194km,2km,ML4.1/24,
4C-6D,Error ellipse: s-maj=3.3km s-min=2.4km az=0.0,

Main station list table for NEIC 15 18:37:21.3. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like URZ, MWZ, KATZ, etc.

2008 APR

Table with columns: Code, Station Name, Frequency, Azimuth, Phase ID, Time, Res. Includes stations like VRZ, MXZ, MAHZ, etc.

OGWZ Otaki Gorge 2.99 196 PN
HOWZ Howdsworth Sta 3.01 190 PN

ISCJB 15 18:42:02.6,0.7,31.2S,0.1,58.7E,0.2,h10km,mb4.0/9,
Error ellipse: s-maj=21.4km s-min=15.6km az=137.1

NEIC 15 18:42:04.0,0.6,31.12S,58.62E,h10km,mb4.2/4,Error
ellipse: s-maj=19.3km s-min=13.8km az=49.0

ISC 15 18:42:04.6,0.7,31.1S,0.1,58.6E,0.2,h10km,n12,
+0.89/10,mb4.0/9,Southwest Indian Ridge

Main station list table for 2008 APR. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VRZ, MXZ, MAHZ, etc.

NEIC 15 18:49:07.5,36.96N,29.22E,h2km,MD3.1
CSEM 15 18:49:08.7,0.1,36.97N,29.23E,h5km,MD3.1,Error
ellipse: s-maj=3.2km s-min=2.7km az=10.0

ISCJB 15 18:49:09.2,0.3,36.96N,0.02,29.23E,0.03,h10km,Error
ellipse: s-maj=3.4km s-min=3.1km az=3.1

DDA 15 18:49:09.3,37.00N,29.18E,h8km,6km,MD3.2
ISC 15 18:49:09.2,0.5,36.97N,0.02,29.21E,0.03,h5km,4km,
n64,-0.93/87,Turkey

Main station list table for NEIC 15 18:49:07.5. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OPO, TSMU, PALK, etc.

696

Main station list table for 696. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GLHS, FETY, TURN, etc.

ISCJB 15 18:49:46.0,0.4,55.45S,0.05,158.7E,0.1,h10km,
mb4.5/20,MS4.1/7,Error ellipse: s-maj=9.3km
s-min=6.3km az=24.9

DDC 15 18:49:47.2,0.5,55.41S,168.66E,h0km,mb4.3/11,
mb1.4/12,mb1mx3.3/16,mbtmp3.3/12,ML3.9/1,MS4.1/8,
Ms1.4/1/8,ms1mx3.8/22,Error ellipse: s-maj=20.7km
s-min=16.9km az=71.0

NEIC 15 18:49:48.1,0.3,55.49S,158.54E,h10km,mb4.7/10,Error
ellipse: s-maj=9.9km s-min=6.9km az=123.0

ISC 15 18:49:48.6,0.4,55.46S,0.05,158.5E,0.1,h10km,n74,
+0.925/51,mb4.5/20,MS4.1/7,Macquarie Island region

Main station list table for ISCJB 15 18:49:46.0. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like APZ, TAU, TSMU, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GERES Array S, UBBA Unterbreizbach, GFR Grafenberg Arr, etc.

CSEM 15:20:15:39.4.0.3, 26.64N, 54.88E, h2km, ML3.5, Error ellipse: s-maj=6.4km s-min=6.1km az=161.0

TEH 15:20:15:40.1, 26.53N, 54.97E, h3km, ML3.5, Error ellipse: s-maj=6.4km s-min=6.1km az=161.0

KISR 15:20:15:41.4, 26.08N, 54.82E, h7km, 99km, ML3.1, Error ellipse: s-maj=125.0km s-min=16.1km az=333.0

IS 15:20:15:41.6, 1.7, 26.62N, 0.05, 54.85E, 0.04, h18km, 12km, n27, c1515/34, 4C-1D, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BNDS Bandar-Abbas, BANOM Banah, IBND Bandar-Abbas, etc.

MAN 15:20:22:55, 16.54N, 120.77E, h33km, mb4.5, ML3.4, MS3.3, 1C-1D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BCPH Baguio City Da, BOLP Bolinao, PCHP Palayan, etc.

ISK 15:20:31:22.6, 36.97N, 29.21E, h3km, MD3.0, Error ellipse: s-maj=4.4km s-min=4.2km az=149.3

CSEM 15:20:31:23.0, 1.1, 36.94N, 29.21E, h8km, MD3.0, Error ellipse: s-maj=3.7km s-min=3.1km az=1.0

DDA 15:20:31:25.1, 37.01N, 29.17E, h38km, 2km, Md3.0, Error ellipse: s-maj=3.7km s-min=3.1km az=1.0

IS 15:20:31:24.0, 0.5, 36.94N, 0.03, 29.21E, 0.03, h7km, 4km, n63, c093/82, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GLHS Gilhisar (BURDU), FETHY Fethiye, TURUNC Turunc, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BDRM Kayabasi, BDRM Kayabasi, KHAL Karahalli, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GCMAM G2zelcaml?, SHUT Suhut-Afyon, SMG Samos, etc.

IS 15:20:38:19.6, 5.2, 51.99N, 178.66W, h101km, 49km, mb3.7/16, mb1.3, 9/18, mb1mx3.7/32, mbtmp3.7/18, MS3.4/2, Ms1.3/4.2, ms1mx2.7/37, Error ellipse: s-maj=24.0km s-min=10.6km az=173.0

IS 15:20:38:22.0, 1.0, 52.04N, 178.59W, 0.06, h139km, 5km, mb3.9/20, Error ellipse: s-maj=15.4km s-min=5.7km az=171.3

MOS 15:20:38:22.0, 1.0, 52.04N, 178.61W, h142km, mb4.0/6, Error ellipse: s-maj=13.6km s-min=12.3km az=161.2

NEIC 15:20:38:24.4, 51.85N, 178.55W, h132km, mb4.1/12, After AEIC

IS 15:20:38:22.8, 0.5, 51.99N, 0.09, 178.62W, 0.06, h133km, 5km, n54, c095/82, mb3.9/20, Andreanof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ADK Adak, GSTR Great Sitkin T, ATKA Atka Island, etc.

PET Petropavlovsk comp=Z:2.7nm, 0.9s 13.87 283 P Pn 20 41 33.6 +0.1

PETK Petropavlovsk 14.44 284 P Pn 20 41 39.9 -0.7

PETK Petropavlovsk 14.44 284 P Pn 20 41 39.9 -0.7

KDAD Kodiak Island 16.00 59 P Pn 20 41 58.3 -1.7

KDAD Kodiak Island 16.00 59 P Pn 20 41 58.3 -1.7

RSO Redoubt South 16.59 49 ePn Pn 20 42 09.4 +2.2

BILL Bilibino 17.68 341 eP Pmax pmax 20 42 20.6 +0.3

BILL Bilibino 17.68 341 eP Pn 20 42 20.6 +0.3

PPLA Purkeypile 17.78 42 eP Pn 20 42 22.8 +1.3

PPLA Purkeypile 17.78 42 eP Pn 20 42 22.8 +1.3

CHUM Lake Minchumir 18.18 39 eP Pn 20 42 25.7 +1.0

RCM1 Rabbit Creek A 18.20 49 eP Pn 20 42 34.9 -0.4

KTH Kantishna Hill 18.58 41 eP Pn 20 42 30.0 +0.9

KTH Thorofore 18.80 41 eP Pn 20 42 31.7 +0.2

COLA College 20.36 39 eP Pmax 20 42 48.5 +0.2

COLA College 20.36 39 eP Pmax 20 42 48.5 +0.2

PAX Paxson 20.67 45 eP P 20 42 51.0 -0.7

PAX Paxson 20.67 45 eP P 20 42 51.0 -0.7

PAX Paxson 20.67 45 eP Pmax pmax 20 43 21.1

PAX Paxson 20.67 45 eP P 20 43 21.1

EGAG Eagle 23.01 42 eP P 20 43 14.6 -1.0

EGAG Eagle 23.01 42 eP P 20 43 14.6 -1.0

DAWY Dawson 23.58 44 eP P 20 43 18.7 -2.1

ASAJ Asahikawa 26.83 268 P Pmax pmax 20 43 50.1 -0.3

ASAJ Asahikawa 26.83 268 P Pmax pmax 20 43 50.1 -0.3

INK Inuvik 26.89 36 P P 20 43 50.1 -0.5

MYAR Matushiro Arr 34.00 260 P P 20 44 53.0 -0.5

YKA Yellowknife Arr 34.73 47 P P 20 44 58.7 -0.7

YKA Yellowknife Arr 34.73 47 P P 20 44 58.7 -0.7

YBH Yreka Blue Hor 38.69 83 P P 20 45 34.8 +1.6

KRSR Korea Array 39.75 270 P Pmax pmax 20 45 42.0 -0.1

KRSR Korea Array 39.75 270 P Pmax pmax 20 45 42.0 -0.1

NVSR Mina Array Bay 43.37 84 P P 20 46 12.8 +1.3

ELK Elko 43.82 79 eP Pmax pmax 20 46 15.8 +0.6

ELK Elko 43.82 79 eP Pmax pmax 20 46 15.8 +0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TXAR Lajitas Array, TXAR Lajitas Array, TXAR Kurchatov, etc.

WRA Warramunga Arr 82.53 324 P P 20 50 29.7 -0.7

ASAR Alice Springs 86.02 233 P P 20 50 48.3 +0.4

ROSC El Rosal 94.93 76 LR LR 21 31 34.8

IDC 15:20:40:44.5-8.1, 17.38N, 39.25E, h0km, mb3.6/6, mb1.3/7.6, mb1mx3.5/21, mbtmp3.6/6, MS3.2/4, Ms1.3/2.4, ms1mx2.7/36, Error ellipse: s-maj=161.2km s-min=44.6km az=24.0, Red Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ATD Arta Tunnel, BRTR Keskin Array B, GNI Gari, etc.

NIED 15:20:50:37.10N, 136:20E, h5km, Mw3.5 Best double couple: M1.85000x1014 NP1.9x310.00000, 885.00000, 1.26.00000, NP2.9x218.00000, 864.00000, 1.174.00000

IS 15:20:52:50.3, 1.6, 51.85N, 178.55W, h132km, mb4.1/12, After AEIC

JMA 15:20:52:51.1, 1.0, 37.08N, 136.21E, h9km, 2km, M3.8, Error ellipse: s-maj=12.0km s-min=6.9km az=8.3

IS 15:20:52:50.7, 1.4, 37.09N, 136.21E, h9km, 2km, M3.8, Error ellipse: s-maj=12.0km s-min=6.9km az=8.3

IS 15:20:52:50.3, 1.6, 51.85N, 178.55W, h132km, mb4.1/12, After AEIC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JHH Hakiu, JKH Kaga, JHG Hegura jima, etc.

IDC 15:21:21:23.0, 0.8, 15.86N, 61.67W, h0km, Mw3.5 Best double couple: M1.4/1.4, mb1mx4.0/26, mbtmp4.0/14, ML3.3/1, MS3.2/3, Ms1.3/2.3, ms1mx2.8/33, Error ellipse: s-maj=22.1km s-min=20.0km az=38.0

TRN 15:21:21:23.3, 15:81N, 61:56W, h18km, MD3.6, M3.6(FDF), TRN Felt V Guadeloupe

NEIC 15:21:21:24.7, 15:77N, 61:53W, h35km, MD3.6(TRN), After TRN

IS 15:21:21:25.0, 0.3, 15:83N, 0:02, 61:58W, 0:04, h24km, 2km, mb3.9/13, Error ellipse: s-maj=7.6km s-min=2.4km az=155.2

RSRPR 15:21:30.4, 15:92N, 61:92W, h142km, 26km, MD4.6/3, MD4.6/3

IS 15:21:21:25.0, 0.3, 15:82N, 0:02, 61:58W, 0:04, h15km, 2km, mb1.1, c099/87, mb3.9/13, 13C-5D, Leeward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TBG Guadeloupe-3, HMT Houmtoupe, PHG Guadeloupe-2, etc.

IS 15:21:21:25.0, 0.3, 15:82N, 0:02, 61:58W, 0:04, h15km, 2km, mb1.1, c099/87, mb3.9/13, 13C-5D, Leeward Islands

IS 15:21:21:25.0, 0.3, 15:82N, 0:02, 61:58W, 0:04, h15km, 2km, mb1.1, c099/87, mb3.9/13, 13C-5D, Leeward Islands

IS 15:21:21:25.0, 0.3, 15:82N, 0:02, 61:58W, 0:04, h15km, 2km, mb1.1, c099/87, mb3.9/13, 13C-5D, Leeward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TBG Guadeloupe-3, HMT Houmtoupe, PHG Guadeloupe-2, etc.

LNOR			e		23 09 29.8				
K05A	Summer Lake	39.70	79	↑P	P	23 07 25.7 +1.7			
I07A	Izee	39.80	77	↑P	P	23 07 25.3 +0.6			
KCPM	Chato Peak	39.82	85	↑P	P	23 07 27.1 +2.1			
B12A	Libby	39.82	69	↑P	P	23 07 27.3 -0.5			
F09A	S2 Ranch, Elgi	39.88	74	↑P	P	23 07 25.0 -0.4			
WDC	Whiskeytown Da	39.93	83f	↑P	P	23 07 27.3 +1.4			
WDC			eS			23 13 33.4 +4.2			
WDC	comp=Z,319nm,1.1s,mb6.0								
WDC	comp=Z,20um,21.0s,MS6.0								
WDC	Whiskeytown Da	39.93	83f	↑P	P	23 07 27.3 +1.4			
WDC	comp=Z,319nm,1.1s,mb6.0								
WDC			eS			23 13 33.4 +4.2			
WDC			LR						
E10A	Myers Farm, Un	39.94	72	↑P	P	23 07 25.3 -0.6			
CIT	Chita	39.98	298	eP	P	23 07 26.6 +0.4			
CIT			e			23 09 05.1			
CIT			e			23 09 33.3			
H08A	Prairie City	40.06	76	↑P	P	23 07 26.9 0.0			
D10A	Klaveano Farm,	40.11	71	↑P	P	23 07 25.7 -1.5			
F11A	Beach Ranch, E	40.14	73	↑P	P	23 07 26.7 -0.9			
G09A	Cove	40.18	74	↑P	P	23 07 27.4 -0.5			
A13A	Flathhead Natio	40.27	68	↑P	P	23 07 27.4 -1.2			
C12B	Naegeli Ranch,	40.27	70	↑P	P	23 07 27.7 -0.9			
WALA	Waterton Lakes	40.49	67	↑P	P	23 07 29.6 -0.9			
WALA			eS			23 13 31.8 -5.6			
B13A	Whitefish	40.52	68	↑P	P	23 07 29.6 -1.1			
MOD	Modoc	40.53	80f	↑P	P	23 07 31.7 +0.9			
MOD			eP			23 09 05.1 +0.9			
MOD			eS			23 13 37.6 -0.5			
MOD			LR						
E11A	Bogner Ranch,	40.54	72	↑P	P	23 07 29.9 -1.0			
H09A	Hopland	40.55	86f	↑P	P	23 07 31.2 +0.2			
HOPS						23 09 05.2 +0.8			
HOPS			eS			23 13 29.0 -1.0			
HOPS			LR						
G10A	Bishop Farm, J	40.57	74	↑P	P	23 07 30.9 -0.2			
H09A	Durkee	40.58	75	↑P	P	23 07 31.2 0.0			
BSMT	Bassoo Peak	40.60	69	↑P	P	23 07 30.8 -0.5			
BSMT			eP			23 13 19.7 -0.7			
BSMT			eS			23 13 37.2 -1.8			
D12A	Red Ives Fores	40.68	71	↑P	P	23 07 30.7 -1.3			
BMO	Blue Mountains	40.70	75f	↑P	P	23 07 31.9 -0.2			
BMO			eP			23 09 08.2 +2.3			
BMO			eP			23 09 36.3 +3.1			
BMO			eS			23 13 19.1 -1.7			
C13A	Hot Springs	40.81	69	↑P	P	23 07 32.2 -0.8			
A14A	Double T Ranch	40.82	67	↑P	P	23 07 31.9 -1.2			
J08A	Circle Bar Ran	40.82	77	↑P	P	23 07 33.7 +0.6			
F11A	Grangeville	40.82	73	↑P	P	23 07 32.3 -0.9			
E12A	Beaver Dam Sad	40.89	72	↑P	P	23 07 32.8 -0.9			
I09A	Lost Marbles R	40.92	76	↑P	P	23 07 33.9 -0.1			
JTMT	Jette	40.94	69	↑P	P	23 07 33.7 -0.4			
JTMT			eS			23 13 21.1 -0.6			
G11A	Walters Elk Ra	41.02	73	↑P	P	23 07 33.9 -0.9			
YBMT	Yellow Bay	41.04	69	↑P	P	23 07 35.2 +0.3			
YBMT			eP			23 09 09.4 -0.2			
YBMT			eS			23 13 19.9 -2.1			
L07A	Adell	41.05	79	↑P	P	23 07 36.3 +1.2			
H10A	Noah's Angus R	41.17	75	↑P	P	23 07 35.6 -0.5			
D13A	Huson	41.18	70	↑P	P	23 07 34.9 -1.2			
MCCM	Marconi Confer	41.19	87f	↑P	P	23 07 36.9 +0.5			
MCCM			eP			23 09 06.9 -4.6			
MCCM			eP			23 09 36.0 +1.0			
MCCM			eS			23 13 51.0 +2.9			
MCCM			LR						
A15A	Johnson Ranch,	41.21	67	↑P	P	23 07 34.5 -1.8			
SWMT	Swartz Lake	41.23	69	↑P	P	23 07 36.3 -0.2			
SWMT			eP			23 09 10.9 -0.8			
SWMT			eP			23 09 35.6 +0.6			
SWMT			eS			23 13 21.9 -0.9			
C14A	Swan Lake	41.24	69	↑P	P	23 07 35.7 -0.9			
WVOR	Wild Horse Val	41.24	78	↑P	P	23 07 37.1 +0.4			
WVOR			eS			23 13 49.8 +1.1			
WVOR	comp=Z,532nm,1.2s,mb6.0								
WVOR	comp=Z,42um,20.0s,MS6.3								
WVOR	Wild Horse Val	41.24	78	↑P	P	23 07 37.1 +0.4			
WVOR			eS			23 13 21.9 -1.0			
WVOR			LR			23 13 49.8 +1.1			
J09A	Fry Pan Ranch,	41.26	77	↑P	P	23 07 37.5 +0.7			
OHCM	Honcut	41.33	84	↑P	P	23 07 36.7 -0.7			
OHCM			eP			23 13 22.7 -0.7			
I10A	Payette	41.42	75	↑P	P	23 07 38.2 +0.1			
F12A	Elk City	41.42	72	↑P	P	23 07 37.5 -0.7			
H11A	Donnelly	41.55	74	↑P	P	23 07 38.4 -0.8			
L08A	Fields	41.56	79	↑P	P	23 07 40.0 +0.7			
MSO	Missoula	41.62	70	↑P	P	23 07 38.5 -1.2			
MSO			eP			23 09 17.2 +1.3			
MSO			eP			23 09 33.5 -2.7			
MSO			eS			23 13 22.8 -1.6			
MSO	comp=Z,17um,21.0s,MS5.9								
B15A	Bradley Ranch,	41.64	67	↑P	P	23 07 38.3 -1.6			
SLMT	Seeley Lake	41.66	69	↑P	P	23 07 39.1 -1.0			
SLMT			eP			23 09 36.4 0.0			
SLMT			eS			23 13 22.2 -2.3			
E13A	Victor	41.68	71	↑P	P	23 07 39.2 -1.0			
BEKR	Beckworth	41.70	83	↑P	P	23 07 41.2 +0.8			
G12A	Big Creek, Yel	41.72	73	↑P	P	23 07 40.1 -0.5			
D14A	Greenough	41.74	70	↑P	P	23 07 39.3 -1.4			
J10A	Berg Farm, Mel	41.81	76	↑P	P	23 07 41.3 0.0			
SAC	San Andreas	41.83	87	↑P	P	23 07 43.7 +2.2			
A16A	West Butte Ran	41.87	66	↑P	P	23 07 39.7 -2.0			
C15A	Salmond Ranch,	41.90	68	↑P	P	23 07 41.6 -0.3			
F13A	Darby	41.95	72	↑P	P	23 07 41.8 -0.7			

CHMT	Chamberlain Mo	41.98	70	eP	P	23 07 41.5 -1.1			
CHMT			eP			23 09 34.5 -2.9			
CHMT			eS			23 13 24.9 -0.9			
I11A	Placerville	42.02	75	↑P	P	23 07 42.7 -0.4			
B16A	M & M Farms, S	42.08	67	↑P	P	23 07 41.8 -1.6			
E14A	Clinton	42.10	70	↑P	P	23 07 42.5 -1.2			
K10A	MacKenzie Ranch	42.12	77	↑P	P	23 07 44.5 +0.7			
ALE	Alert	42.17	10	P	P	23 07 45.2 +1.3			
DL2	Dalian	42.28	276f	↑P	P	23 07 45.6 +0.4			
DL2			eP			23 09 39.9 +1.3			
DL2			eS			23 13 26.6 -0.6			
DL2			eS			23 13 33.4 +3.0			
DL2			eS			23 14 05.8 +1.7			
DL2			eS			23 17 09.4 -3.2			
DL2			eS			23 17 45.1 0.0			
DL2	comp=Z,120nm,0.9s,mb5.5								
DL2	comp=Z,1um,5.8s								
DL2	comp=N,13um,15.2s,MS6.2								
DL2	comp=E,20um,16.7s,MS6.2								
H12A	Diamond D Ranc	42.32	73	↑P	P	23 07 44.8 -0.6			
D15A	Elko Archery C	42.33	69	↑P	P	23 07 44.3 -1.2			
A17A	Triple J Farms	42.38	66	↑P	P	23 07 43.9 -2.0			
C16A	Fuhringer Ranc	42.38	68	↑P	P	23 07 44.5 -1.4			
MFID	Camas Ranch	42.38	75	↑P	P	23 07 45.7 -0.2			
G13A	Cobalt	42.39	72	↑P	P	23 07 45.5 -0.5			
PAHR	Pah Rah Range	42.39	82	eS	P	23 13 27.8 +0.1			
WCN	Washoe City	42.41	83	↑P	P	23 07 47.3 +1.0			
F14A	Wisdom	42.50	71	↑P	P	23 07 46.2 -0.7			
I12A	Atlanta	42.58	75	↑P	P	23 07 47.6 0.0			
E15A	Deer Lodge	42.59	70	↑P	P	23 07 46.6 -1.1			
K11A	Parker Ranch,	42.62	76	↑P	P	23 07 48.4 +0.4			
B17A	L&G Farms, Ch	42.66	67	↑P	P	23 07 46.8 -1.4			
H13A	Challis	42.67	73	↑P	P	23 07 47.4 -0.9			
L10A	Juniper Basin	42.76	77	↑P	P	23 07 49.4 +0.3			
G14A	Jackson	42.76	72	↑P	P	23 07 48.1 -0.9			
CMB	Columbia Colle	42.80	85f	↑P	P	23 07 49.6 +0.1			
CMB			eS			23 09 41.5			
CMB			eS			23 14 11.9 +0.1			
CMB	comp=Z,415nm,1.3s,mb6.0								
CMB	comp=Z,29um,21.0s,MS6.2								
CMB	Columbia Colle	42.80	85f	↑P	P	23 07 49.6 +0.1			
CMB	comp=Z,415nm,1.3s,mb6.0								
D16A	Dana Ranch, Ca	42.90	69	↑P	P	23 07 49.0 -1.1			
HRY	Holter Researc	42.91	69	↑P	P	23 07 50.3 0.0			
HRY			eP			23 13 29.9 -2.2			
HRY			eS			23 13 29.9 0.4			
J12A	Stokes Ranch,	42.91	75	↑P	P	23 07 50.5 +0.2			
SAO	San Andreas Ge	42.95	87f	↑P	P	23 07 50.9 +0.3			
SAO			eP			23 09 41.9			
SAO	comp=Z,423nm,1.4s,mb6.0								
SAO	comp=Z,27um,19.0s,MS6.2								
SAO	San Andreas Ge	42.95	87f	↑P	P	23 07 50.9 +0.3			
SAO	comp=Z,423nm,1.4s,mb6.0								
SAO			eP			23 09 41.9 +1.1			
SAO			eS			23 13 54.6 -1.9			
SAO			LR						
F15A	Butte	43.00	71	↑P	P	23 07 49.9 -1.1			
C17A	Wharram Farm,	43.03	67	↑P	P	23 07 49.3 -1.9			
LRM	Limekiln Ridge	43.03	71	↑P	P	23 07 51.1 -0.1			
LRM			eP			23 09 39.5 -1.5			
LRM			eS			23 13 29.2 -0.9			
M10A	LL Ranch, Tu	43.05	78	↑P	P	23 07 52.2 +0.8			
E									

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LKWH, J16A, M14A, G18A, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HWUT, OSI, LRMC, SONM, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like U11A, RRX, MPU, etc.

705

O19A	Miners Draw (B)	48.25	75	↑P	P	23 08 32.4	-0.2
U14A	Mt Trumbull	48.26	81	↓P	P	23 08 33.7	+1.0
L21A	Rawlins	48.27	72	↑P	P	23 08 31.8	-0.8
BTO	Baotou	48.28	286	eP	S	23 08 33.5	+0.7
BTO					S	23 15 28.5	-2.2
T15A	Red Dirt Ranch	48.36	80	↑P	P	23 08 34.3	+0.8
Q18A	Rafter H Ranch	48.40	77	↓P	P	23 08 34.3	-0.2
N20A	Spence Gulch	48.43	74	↓P	P	23 08 33.9	-0.1
NJ2	Nanjing	48.45	271	eP	pP	23 08 34.6	+0.5
NJ2					pP	23 08 39.6	-2.5
NJ2					PP	23 10 26.8	+0.1
NJ2					SS	23 15 33.4	+0.1
NJ2					sS	23 15 42.6	-3.7
NJ2	comp=Z,530nm,0.8s,mb6.6				pmax		
NJ2	comp=Z,760nm,8.2s				pmax		
R17A	Hanksville Air	48.48	78	↑P	P	23 08 34.5	+0.1
M21A	Separation Pea	48.49	72	↑P	P	23 08 33.3	-1.1
RWWY	Rawlins	48.53	72	↑P	P	23 08 33.4	-1.3
RWWY	comp=Z,303nm,1.4s,mb6.1				ePcP	23 10 02.7	+2.5
RWWY					ScP	23 13 51.9	-1.1
RWWY					S	23 15 36.6	+2.4
IRM	Iron Mountain	48.53	85	↑P	P	23 08 35.0	+0.2
BAR	Barrett	48.59	88	eP	P	23 08 34.8	-0.5
BAR					ePcP	23 10 01.8	+1.2
BAR					eScP	23 13 52.8	-0.6
BAR					S	23 15 37.9	+2.6
MONP	Monument Peak	48.60	87	↑P	P	23 08 35.7	+0.4
TIY	Taiyuan	48.65	281	eP	pP	23 08 37.5	+1.8
TIY					pP	23 08 47.3	+3.7
TIY					S	23 15 36.8	+0.7
TIY	comp=Z,3μm,8.3s				pmax		
TIY	comp=N,33μm,20.1s,MS6.5				LR	LR	
TIY	comp=E,32μm,15.7s,MS6.5				LR	LR	
TIY					LR	LR	
BC3	Big Chuk Wltn	48.69	86	↓P	P	23 08 35.6	-0.4
W13A	Hualapai Mount	48.69	83	↑P	P	23 08 36.0	0.0
P19A	Cripple Cowboy	48.76	75	↑P	P	23 08 36.2	-0.3
L22A	Ellis Ranch, M	48.77	71	↓P	P	23 08 36.2	-0.4
U15A	North Rim	48.80	81	↑P	P	23 08 37.9	+1.1
V14A	Boquillas Ranc	48.82	82	↑P	P	23 08 37.7	+0.7
O20A	White River Ci	48.88	74	↑P	P	23 08 36.7	-0.7
RSSD	Black Hills	48.89	68	↑P	P	23 08 35.9	-1.5
RSSD					e	23 09 57.5	
RSSD					S	23 10 31.1	
RSSD					S	23 15 34.8	-4.4
RSSD	comp=Z,201nm,1.5s,mb5.9				pmax		
RSSD	comp=Z,28μm,19.0s,MS6.3				MLR	MLR	
RSSD	Black Hills	48.89	68	↑P	P	23 08 35.9	-1.5
RSSD	comp=Z,201nm,1.5s,mb5.9				ePcP	23 09 57.5	-4.0
RSSD					PP	23 10 31.1	+0.6
RSSD					S	23 15 34.8	-4.4
RSSD					LR	LR	
T16A	Glen Canyon Da	48.92	80	↓P	P	23 08 37.5	-0.2
N21A	Black Mountain	48.92	73	↑P	P	23 08 37.1	-0.6
S17A	Black Ridge (B	48.93	79	↑P	P	23 08 38.3	+0.5
SWSC	Sam W. Stewart	48.95	87	↑P	P	23 08 38.0	0.0
DVTC	Desert V tower	48.95	87	↑P	P	23 08 38.2	+0.1
R18A	Canyonlands Na	49.00	77	↓P	P	23 08 37.8	-0.5
Q19A	Hogan Spring (1	49.02	76	↓P	P	23 08 37.8	-0.6
X13A	Yuca	49.06	84	↑P	P	23 08 39.1	+0.3
PDMC1	Parker Dam, Lak	49.06	84	↑P	P	23 08 38.9	0.0
M22A	Cedar Creek Ra	49.07	72	↑P	P	23 08 38.0	-0.8
W14A	Seligman	49.11	83	↑P	P	23 08 39.8	+0.6
P20A	De Beque	49.19	75	↑P	P	23 08 39.1	-0.7
Y12C	Blythe	49.20	85	↑P	P	23 08 40.0	+0.1
KBS	Kingsbay	49.26	357	eP	P	23 08 41.3	+1.5
KBS					Amb	23 08 51.7	
KBS	comp=Z,411nm,2.4s,mb6.0				eS	23 15 49.6	+5.9
KBS					AMS	23 30 11.5	
KBS	comp=Z,43μm,14.3s,MS6.6				eP	23 08 41.1	+1.3
KBS					eS	23 15 51.9	+8.2
KBS	comp=Z,402nm,1.1s,mb6.4				pmax		
KBS	comp=Z,43μm,19.0s,MS6.5				MLR	MLR	
KBS	Kingsbay	49.26	357	eP	P	23 08 41.1	+1.3
KBS	comp=Z,402nm,1.1s,mb6.4				eS	23 15 51.9	+8.2
V15A	Kaibab Nationa	49.27	81	↑P	P	23 08 41.5	+1.1
O21A	Pagoda	49.29	74	↓P	P	23 08 40.0	-0.6
T17A	Navajo Res., N	49.34	79	↑P	P	23 08 41.0	+0.1
S18A	Hurst Farm, Bl	49.38	78	↑P	P	23 08 41.4	+0.2
R19A	Curley Farm, L	49.44	77	↑P	P	23 08 41.6	-0.1
GLA	Glamis	49.48	86	↑P	P	23 08 42.0	0.0
GLA					eS	23 15 44.2	-3.5
GLA	comp=Z,536nm,1.3s,mb6.4				pmax		
GLA	Glamis	49.48	86	↑P	P	23 08 42.1	+0.1
GLA	comp=Z,536nm,1.3s,mb6.4				ePcP	23 15 56.3	-0.9
GLA					S	23 15 44.2	-3.5
GLA					S	23 08 43.1	+0.3
Y13A	Salome	49.58	85	↓P	P	23 08 42.1	-0.8
Q20A	Ridgley Place,	49.60	76	↓P	P	23 08 42.1	-0.8
W15A	Williams	49.63	82	↓P	P	23 08 44.2	+1.0
U17A	Shonto	49.68	80	↑P	P	23 08 43.5	-0.1
ULM	Lac du Bonnet	49.69	57	↓P	P	23 08 41.4	-2.1
ULM	comp=Z,74μm,21.8s,MS6.7,ba3=300,slow=8.0,SNR=27				LR	LR	
U16A	Tuba City	49.70	80	↑P	P	23 08 44.4	+0.7
X14A	Yava	49.72	83	↑P	P	23 08 44.7	+0.8
P21A	Newcastle	49.74	74	↑P	P	23 08 44.0	+0.1
PHWY	Pilot Hill	49.80	71	↑P	P	23 08 43.0	-1.3
PHWY	comp=Z,134nm,1.4s,mb5.8				eS	23 15 54.3	+2.3
T18A	Mexican Hat	49.81	78	↓P	P	23 08 44.1	-0.5

2008 APR

SPITS	Spitsbergen Ar	49.83	356	P	P	23 08 43.9	-0.2
WUAZ	Wupatki	49.86	81	↓P	P	23 08 46.5	+0.9
WUAZ	comp=Z,250nm,0.7s,mb6.3,ba3=57,slow=7.2,SNR=136				eP	23 10 40.3	-0.1
WUAZ	Wupatki	49.86	81	↓P	P	23 08 46.6	+1.0
WUAZ	comp=Z,718nm,1.3s,mb6.5				eScP	23 13 59.2	0.0
WUAZ					eS	23 15 47.4	-7.0
WUAZ					LR	LR	
WUAZ					PP	23 10 40.3	-0.1
WUAZ					ScP	23 13 59.2	0.0
WUAZ					S	23 15 47.4	-7.0
112A	Yuma	49.98	86	↑P	P	23 08 46.0	+0.1
Y14A	Wickenburg	50.01	84	↑P	P	23 08 46.4	+0.3
R20A	Redvale	50.04	76	↓P	P	23 08 46.1	-0.1
Z13A	Yuma Proving G	50.10	85	↑P	P	23 08 46.7	0.0
Q21A	Lamborn Mesa,	50.11	75	↑P	P	23 08 46.5	-0.3
X15A	Humboldt	50.11	83	↑P	P	23 08 47.5	+0.6
W16A	Flagstaff	50.14	82	↑P	P	23 08 48.3	+1.2
V17A	Tonaleia, Kykot	50.24	81	↑P	P	23 08 48.8	+1.0
SMCO	Snowmass	50.24	75	↑P	P	23 08 47.4	-0.5
SMCO	comp=Z,1μm,2.5s,mb6.5				ePcP	23 10 07.1	+0.6
SMCO					eP	23 10 46.9	+3.9
SMCO					ScP	23 14 00.1	-0.3
SMCO					S	23 16 00.2	+1.9
U18A	Rough Rock, Ch	50.28	79	↑P	P	23 08 48.2	+0.1
113A	Mohawk Valley,	50.32	85	↑P	P	23 08 49.6	+0.5
Y15A	Casa Rosa Ranc	50.41	83	↓P	P	23 08 49.4	+0.2
R21A	Cimarron	50.42	76	↑P	P	23 08 49.3	+0.1
Z14A	Wintersburg	50.43	84	↑P	P	23 08 49.6	0.0
Q22A	Crested Butte,	50.49	75	↓P	P	23 08 50.1	+0.2
T19A	Beclabito	50.53	78	↑P	P	23 08 50.8	+0.3
MVCO	Mesa Verde	50.60	77	↑P	P	23 08 50.7	+0.2
MVCO	comp=Z,1μm,1.8s,mb6.5				ePcP	23 10 09.0	+1.2
MVCO					eP	23 10 49.0	+2.7
MVCO					LR	23 16 05.1	+1.8
X16A	Lo Mia Camp, P	50.65	82	↓P	P	23 08 51.9	+1.0
W17A	Winslow	50.65	81	↑P	P	23 08 51.5	+0.6
ISCO	Idaho Springs	50.66	73	↑P	P	23 08 50.6	-0.3
ISCO	comp=Z,275nm,1.4s,mb6.0				e	23 10 07.6	
ISCO					eS	23 10 48.4	
ISCO					pmax	23 15 57.0	-7.0
ISCO					MLR	MLR	
ISCO	comp=Z,39μm,19.0s,MS6.5				ePcP	23 10 07.6	-0.4
ISCO					eP	23 10 48.4	+1.7
ISCO					ScP	23 14 05.0	+2.9
ISCO					eS	23 15 57.0	-7.0
ISCO					LR	LR	
V18A	Canado	50.71	80	↓P	P	23 08 51.9	+0.6
S21A	Coal Bank Pass	50.73	77	↓P	P	23 08 52.1	+0.6
U19A	Dine College	50.77	79	↑P	P	23 08 52.1	+0.3
TARA	Tarawa	50.78	190	eP	P	23 08 52.0	-0.1
TARA	comp=Z,863nm,1.6s,mb6.4				ePcP	23 10 08.2	-0.6
TARA					LR	LR	
AGMN	Agassiz River	50.87	59	↑P	P	23 08 50.2	-2.2
AGMN	comp=Z,56nm,1.0s,mb6.5				ePcP	23 10 09.2	+0.5
AGMN					eP	23 10 49.1	+0.6
AGMN					S	23 16 06.3	-0.5
AGMN					LR	LR	
114A	Organ Pipe (USA	50.88	85	↑P	P	23 08 52.9	+0.2
HVS	Khovu-Aksy	50.92	306	eP	pmax	23 08 53.3	+0.6

15d 22h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like Los Pinos Moun, Pinlang, St. Cloud Mine, etc.

2008 APR

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like Conner Caldwell Ranch, ARCES ARCESS Array B, etc.

706

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like Schefferville, SCHQ, SCHO, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like MYLDM Lahad Datu, PBVM Pinon, IO Organos, etc.

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

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

Table with columns for station name, frequency, power, and signal strength. Includes stations like Cernavoda, Davos/Dischmat, Saint Sauveur, etc.

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

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

15d 22h

Table with columns for station name, frequency, power, and signal strength. Includes stations like TIR, PGF, RESF, LCR2, SALF, OHR, etc.

2008 APR

Table with columns for station name, frequency, power, and signal strength. Includes stations like ESDC, Sonseca Array, ESDC, HWQ, PMRV, etc.

712

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

Table with columns: CDF, Champ du Feu, Time, Res, etc. Includes stations like Champ du Feu, HINFP Hinterfeld, LPGA La Plagne, etc.

Table with columns: BUJ, NNC, Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like Makanchi Array, Kurchatov Arra, etc.

Table with columns: NEIC, GUC, Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like Los Chongos, Peidehue, etc.

Table with columns: NEIC, MEX, Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like Huatulco, Vista Hermosa, etc.

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

Table with columns: INK, ERM, YKA, YKA, INCN, PDAR, FRB, TXAR, LJA, FIB, FINES, Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

Table with columns: ISK, ISCJB, CSEM, DDA, ISC, Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like Ghisar, Ghisar (BURDU), etc.

Table with columns: ISCJB, IDC, MOS, ISC, Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like ARCESS Array B, Bilbino, etc.

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

Table with columns: CSEM, NEIC, ATH, Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like VAMOS, KITHIRA, etc.

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

Table with columns: SZGRF, MOS, DJA, ISC, Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like Funafuti, RAR, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like L14A Malta, G11A Walters Elk Ra, PNL Peninsula, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ANMO comp=Z,56nm,1.3s, ANMO Albuquerque, ANMO Albuquerque, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like QLMT Earthquake Lak, CHMT Chamberlain Mo, H16A Russell Place, etc.

Table with columns for call sign, name, frequency, time, and status. Includes entries like A16A West Butte Ran, AMTX Amarillo, B17A L&G Farms, etc.

Table with columns for call sign, name, frequency, time, and status. Includes entries like CD2 comp=E,6um,21.4s,MS6.1, CHG comp=Z,6um,21.4s,MS6.0, CHTO Chiang Mai, etc.

Table with columns for call sign, name, frequency, time, and status. Includes entries like HDIL Hopedale, EYMN Ely, WCI Wyandotte Cave, etc.

Table with columns for station name, frequency, power, and various status indicators. Includes stations like ANWB Willy Bob, BBGH Gun Hill, BVAR Borovoye Array, etc.

Table with columns for station name, frequency, power, and various status indicators. Includes stations like KONO Kongsberg, LSZ Lusaka, QRN Al-Qurain, etc.

Table with columns for station name, frequency, power, and various status indicators. Includes stations like CLL comp=Z,76nm,1.3s, CLL comp=Z,128nm,1.1s, etc.

16d 1h

Table with columns: Station Name, Frequency, Power, Modulation, and various signal quality metrics (e.g., SNR, BER).

2008 APR

Table with columns: Station Name, Frequency, Power, Modulation, and various signal quality metrics (e.g., SNR, BER).

720

Table with columns: Station Name, Frequency, Power, Modulation, and various signal quality metrics (e.g., SNR, BER).

NEIC 16 00:43:38.9, 51.729N-179.23W, h&km, ML3.6(AEIC), After AEIC. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

JMA 16 00:47:26.7, 0.1, 27.29N-141.26E, h451km, M4.2, Bonin Islands region. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

MOS 16 01:02:10.4z.0.17:24S:178:62W,h503km,mb4.8/17, Error ellipse: s-maj=14.2km s-min=8.4km az=136.7
IDC 16 01:02:16.7z.1.6,18:06S:178:46W,h602km,18km, mb4.1/18,mb1 4.3/18,mb1mx4.2/22,mbtmp4.1/18, Error ellipse: s-maj=15.0km s-min=9.1km az=140.0
BUJ 16 01:02:17.2,18:10S:178:50W,h618km,mb5.1/11, mb4.6/20
IS/CJB 16 01:02:17.7z.1.4,17:94S:0:08:178:67W,0:05, h619km,18km,mb4.6/75, Error ellipse: s-maj=12.5km s-min=6.1km az=156.4
NEIC 16 01:02:18.2z.1.0,18:05S:178:55W,h619km,12km, mb4.7/48, Error ellipse: s-maj=11.5km s-min=5.0km az=151.0
ISC 16 01:02:18.2z.1.7,17:94S:0:08:178:63W,0:05, h610km,20km,h616km,6.4km,p-P,n666,e058/485, mb4.6/75,213C-175D,Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Contains station data for GSC Goldstone, GSC Goldstone, LBCM Grotte Creek R, HEC Hector Ludlow, BEKR Beckwourth, HUMO Hull Mountain, BC3 Big Chuck Mtn, WCN Washoe City, 112A Yuma, GLA Glamis, GRAC Grapevine Rang, GMRC Granite Mtn, FURC Furnace Creek, IRM Iron Mountain, PAHR Gal Rah Ranch, NVAR Mina Array Bea, SHOC Shoshone, TUQ Turquoise Moun, Y12C Blythe, U10A Ash Meadows, A, 113A Mohawk Valley, CN2 Chanchung, CN2 CN2, CN2 CN2, 213A Yuma Proving G, V11A Goodsprings, 214A Organ Pipe Nat, MOD Modoc, W12A Cal Nev Ari, Y13A Salome, PDMC Parker Dam, Lak, K05A Summer Lake, S10A Tonopah Range, 114A Black Gap (USA), V12A Nelson, X13A Yucca, SHPR Sheep Range, H04A Detroit Lake, 214A Wintersburg, R10A Warm Springs, RSO Redoubt Spring, G04A Mulino, S11A Rache, L07A Adell, W13A Hualapai Mount, 115A Sonoran Desert, Y14A Wickenburg, T11A Cot Creek, Al, Q10A Clear Creek Ra, E03A Lebam, U12A Valley of Fire, T12A Moapa, V13A Grand Canyon W, 216A Three Points, 116A Eloy, Z15A Gila River Ind, X14A Yavapai, F04A Amboy, H11A Troy Canyon, C, R00D Mount Hood Mea, P10A Eureka, LVP Lakeview Peak, NLWA Neilton Lookou, S12A Delamar Landin, Y15A Casa Rosa Ranc, OOW Octopus West, U13A Pigeon Wash, VIPM Ingram Point, W14A Seligman, WVOR Wild Horse Val, WVOR Wild Horse Val, WVOR Wild Horse Val, Q11A Duckwater, L08A Fields, 217A Gretna Green, ERK Elk Rock, TDL Tradedollar La, V14A Boquillas Ranc, O10A Cortez Mining, X15A Humboldt, H06A Lindquist Farm, T13A Saint George, P11A Circle Ranch, Z16A Peralta Trail, TUC Tucson, TUC Tucson, TUC Tucson, G06A Carson Farm, I07A Izeze.

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Contains station data for N10A Dunphy, R12A Pony Springs, 117A Cowboy Ranch, U14A Mt Trumbull, Y16A Circle Bar Ranch, 318A Bisbee, W15A Williams, S13A Holt Ranch, En, J08A Circle Bar Ranch, H07A Lands Inn, Kim, Q12A Willow Creek R, O11A Cowboy Ranch, 218A Dragon, WPW White Pass, D05A Cowbo Ranch, X16A Lo Mia Camp, P, R13A O'Grain Ranch, M10A L.L. Ranch, Tu, P12A McGill, T14A Hurricane, BBB Bella Bella, BBB Bella Bella, Y17A Roosevelt, CCUT Cedar City, V15A Kaibab National, E06A Yakima, G07A Ruggs Ranch, H, N11A Elko Archery C, J09A Fry Pan Ranch, RMW Rattlesnake Mo, W16A Flattstaff, 319A Douglas, 118A Homack Ranch, PMR Palmer, PMR Palmer, U15A North Rim, H08A Prairie City, S14A Cedar City, L10A Juniper Basin, Q13A Wheeler Ranch, F07A Phiny Hill Vi, X17A Forest Lakes, M11A Holland Ranch, ELK Elko, ELK Elko, ELK Elko, K10A MacKenzie Ranch, 219A White Tail Can, O12A Currie, T15A Red Dirt Ranch, WUAZ Wupatki, WUAZ Wupatki, J09A Lost Marbles R, G08A Pilot Rock, P13A Bates Ranch, G, D06A Cle Elum, JCW Jim Creek, N12A Clover Valley, N12A Clover Valley, Y18A Canyon Day Jun, E07A Sunnyside, 320A Kipp Ranch, An, 119A Ashpeak Ranch, RSW Rattlesnake Hi, L11A Cat Creek Ranch, S15A Panguitch, BMRM Bremner River, Q14A Sevier Lake (B, HAWA Hanford, J10A Berg Farm, Mel, O13A Hicks Ranch, I, F08A Pendleton, RPW Rockport, K11A Parker Ranch, M12A Wells, H09A Durkee, U17A Tuba City, V17A Tonalea, Kytok, 220A Playas Camp, P, D07A Quinc, ETW Entiat, X18A Snowflake, N13A Wendover, West, N13A Wendover, West, E08A Dider Farm, El, I10A Payette, 120A U Bar Ranch, L, G09A Cove, BJJ Beijing.

16d 1h

2008 APR

Table with columns for station ID, name, elevation, distance, bearing, and other meteorological data. Includes stations like BJI, P14A, L12A, C07A, SE7E, MAW, MSU, Y19A, F09A, MFID, M13A, Q15A, H10A, Z20A, U17A, X19A, D08A, K12A, I11A, T17A, G21A, 221A, KTH, V18A, CHUM, TRF, ENH, B07A, E09A, R16A, DUG, DUG, J12A, 121A, OD2, A07A, C08A, D09A, F10A, H11A, Y20A, M14A, I12A, B08A, K13A, 222A, G11A, MCK, MCK, Z21A, T18A, C09A, L14A, HL1D, HL1D, TMUT, W20A, J13A, GYA, GYA, GYA, GYA, GYA, D10A, F11A, Y21A, M15A, H12A, G12A, O16A, K14A, X21A, MENT, HYT, I13A, E11A, B09A, SRU, SRU, T19A, J14A, A09A, JLU, L15A.

Table with columns for station ID, name, elevation, distance, bearing, and other meteorological data. Includes stations like H13A, N16A, F12A, D11A, O17A, E12A, I14A, 324A, P18A, HWUT, NEW, NEW, G13A, 425A, MNX, A10A, 224A, BNM, N17A, COLA, COLA, LPM, 626A, L16A, DLBC, DLBC, 325A, J15A, H14A, F13A, D12A, W22A, XAN, XAN, XAN, XAN, 124A, 526A, B11A, TXAR, K16A, G14A, ANMO, ANMO, C12B, 225A, 426A, H15A, J16A, BILL, BILL, A11A, 627A, S21A, P19A, 527A, D13A, M18A, K17A, N18A, Q20A, 326A, 125A, MSO, GD2, BSMT, G15A, I16A, E14A, C13A, A12A, 628A, 226A, N19A, R21A, 427A, J17A, F15A, D14A, LRM, K18A, HHC, HHC, HHC, HHC, HHC.

Table with columns for station ID, name, elevation, distance, bearing, and other meteorological data. Includes stations like HHC, CHMT, 126A, SLMT, 528A, M19A, B13A, O20A, G16A, QLMT, E15A, C14A, H16A, L19A, I17A, J18A, R22A, 428A, BW06, PDAR, PDAR, A13A, BOZ, BOZ, BOZ, H17A, F16A, KMI, D15A, 127A, I18A, O21A, M20A, G17A, E16A, L20A, C15A, K19A, A14A, D16A, F17A, K20A, B15A, E17A, M21A, C16A, A15A, L21A, G18A, CMAR, CMAR, CHTO, CHTO, B16A, D17A, F18A, M22A, CD2, CD2, CD2, CD2, CD2, CD2, E18A, SYO, A16A, L22A, B17A, A17A, JCT, JCT, EGMT, AMTX, B18A, VNA3, LZH, LZH, LZH, LZH, LZH, LZH, LZH, VNA2, VNA2.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like Neumayer-Stat, Black Hills, RSSD, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like Piszkesteto, Smolence, Rotzenmuhle, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like Midelt, Dimokro, Torodi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like TTSI Tana Toraja, KAPPAN Kappang, KSM Kuching, WRAP Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, GSI Gunungsitoli, CMAR Chiang Mai, CHTO Chiang Mai, SKRS Korra Array, STKA Stephens Creek, SONM Songoing Array, MKAR Makanchi Array, ZALV Zalesovo Beam, KURK Kurchatov, ABKAR Abkulkal array, AKTK Aktyubinsk, AKTO Aktyubinsk.

ISCJB 16 01:45:25.0-0.5, 36.97N-0.03:29.24E-0.03, h4km, 5km, Error ellipse: s-maj=4.7km s-min=3.6km az=169.1 CSEM 16 01:45:25.6-0.1, 36.97N-29.24E, h5km, MD3.0, Error ellipse: s-maj=3.5km s-min=2.6km az=179.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like GLHS Ghisar (BURDU), FETHY Fethiye, TURNTURN, ELL ELL, DNZL DNZL, YER YER, AKAS AKAS, KORT KORT, ANTB ANTB, BCK BCK, MLSB MLSB, AYDN AYDN, ISPARTA ISPARTA, DAT DAT, KHAL KHAL, BDRM BDRM, SUTC SUTC, BODT BODT, KULA KULA, MANT MANT, SHUT SHUT, DEMIRI DEMIRI, BLCB BLCB, KONT KONT, KDHN KDHN.

ISK 16 01:50:06.7, 40.61N-34.61E, h19km, MD2.8 DDA 16 01:50:06.6, 40.61N-34.71E, h12km, MD3.1 ISCJB 16 01:50:07.0-0.5, 40.63N-0.03:34.80E-0.06, h10km, 4km, Error ellipse: s-maj=7.6km s-min=4.6km az=5.5 CSEM 16 01:50:07.0-0.2, 40.63N-0.03:34.76E, h8km, MD3.1, Error ellipse: s-maj=6.0km s-min=4.3km az=92.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like CTKT Corum, CORM Corum, TOS TOS, BYBT BYBT, CDAG CDAG.

Table with columns: YCZ Yozgat, YKVT Kavak, BALT Daday, ERBA Erbaa, ERBA Erbaa, BBAL Bala, BBAL Bala, SVSK Karacayir, SVSK Karacayir.

IDC 16 02:02:19.7-2.6, 21.65N-144.11E, h0km, mb3.2/3, mb1 3.5/3, mb1mx3.3-2.2, mbtmp3.2/3, Error ellipse: s-maj=370.0km s-min=229.1km az=109.0, Mariana Islands region

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

IDC 16 02:06:05.9-3.0, 1.86N-127.60E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.4-1.7, mbtmp3.4/3, ID, Error ellipse: s-maj=269.9km s-min=24.9km az=67.0, Halmahera

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

ISCJB 16 02:48:12.1-0.7, 13.87N-0.06:91.90W-0.04, h67km, 9km, mb3.9/5, Error ellipse: s-maj=11.4km s-min=4.0km az=31.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like THIG THIG, APG APG, APG APG, RPD RPD, RTR RTR, SBLS San Blas, SNBS San Blas, SNJE San Jose, SNJE San Jose, PCIG PCIG, CCIG Comitán, CCIG Comitán, MRL Marmol, MRL Marmol, BOQS Boqueron, LFRS El Faro, LFRS El Faro, ISPARTA San Cristobal, SCX San Cristobal, SCX San Cristobal, SCX San Vicente, SNVI San Vicente, CMIG Matias Romero, CMIG Matias Romero.

MEX 16 02:48:16.5-0.7, 13.87N-92.14W, h23km, 16km, MD4.3 NEIC 16 02:48:17.9-1.4, 14.28N-91.56W, h85km, 11km, mb4.0/2, MD4.3(MEX), Error ellipse: s-maj=24.3km s-min=12.5km az=218.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like THIG THIG, APG APG, RPD RPD, RTR RTR, SBLS San Blas, SNBS San Blas, SNJE San Jose, SNJE San Jose, PCIG PCIG, CCIG Comitán, CCIG Comitán, MRL Marmol, MRL Marmol, BOQS Boqueron, LFRS El Faro, LFRS El Faro, ISPARTA San Cristobal, SCX San Cristobal, SCX San Vicente, SNVI San Vicente, CMIG Matias Romero, CMIG Matias Romero.

IDC 16 02:48:18.0-2.4, 14.31N-91.57W, h83km, 17km, mb3.6/3, mb1 3.9/7, mb1mx3.5/23, mbtmp3.7/7, Error ellipse: s-maj=30.9km s-min=21.0km az=1.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like THIG THIG, APG APG, RPD RPD, RTR RTR, SBLS San Blas, SNBS San Blas, SNJE San Jose, SNJE San Jose, PCIG PCIG, CCIG Comitán, CCIG Comitán, MRL Marmol, MRL Marmol, BOQS Boqueron, LFRS El Faro, LFRS El Faro, ISPARTA San Cristobal, SCX San Cristobal, SCX San Vicente, SNVI San Vicente, CMIG Matias Romero, CMIG Matias Romero.

ISC 16 02:48:13.4-0.6, 13.91N-0.06:91.88W-0.04, h58km, 9km, h39, r132/66, mb4.0/5, 4C, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like THIG THIG, APG APG, RPD RPD, RTR RTR, SBLS San Blas, SNBS San Blas, SNJE San Jose, SNJE San Jose, PCIG PCIG, CCIG Comitán, CCIG Comitán, MRL Marmol, MRL Marmol, BOQS Boqueron, LFRS El Faro, LFRS El Faro, ISPARTA San Cristobal, SCX San Cristobal, SCX San Vicente, SNVI San Vicente, CMIG Matias Romero, CMIG Matias Romero.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like WVT Waverly, NCHAR Mina Array Bea, NCHAR Mina Array Bea, YKA Yellowknife Arr, YKA Yellowknife Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr.

NEIC 16 02:57:52.4, 45.13N-120.95W, h13km, MD2.9(SEA), After SEA

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like CROR Criterion Rldg, G06A Carleton Farm, G06A Carleton Farm, VTHM VTHM, VFP Flag Point, VGB Gordon Butte, VGBM Beaver Butte, HOOD Mount Hood Mtn, HO6A Lindquist Farm.

ISC 16 02:57:52.0-0.3, 45.13N-120.96W-0.02, h15km, 2km, n60, r0566/82, 22C-25D, Washington-Oregon border

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like G07A G07A, GT2 Goat Mountain, H04A Detroit Lake, H04A Detroit Lake, BKCOR Black Crater, F07A Phinny Hill V, F07A Phinny Hill V, G04A G04A, G04A G04A, ASR Mount Adams-S, H07A Mount Inon, Kim, H07A Mount Inon, Kim.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like HUOR Huabaid, FRIS Frisell Point, MTMW Mount Mitchell, F04A Amboy, F04A Amboy, HSR South Ridge, LVP Lakeview Peak, SHW Mount Saint He, E06A Yakima.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like G08A Pilot Rock, G08A Pilot Rock, IRO Indian Ridge, I07A Izeze, I07A Izeze, MXC Moxie City, RSW Rattlesnake Hi, HAWA Hanford, HAWA Hanford, E07A Sunnyside, H20WA Water Lake, F08A Pendleton, F08A Pendleton, MDW Midway, LON Longmire, LON Longmire, H08A Prairie City, H08A Prairie City, WIW Wooded Island, E08A Dider Farm, E08A Dider Farm, E08A Dider Farm.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like LOCW Locke Island, NLO Nicolai Mounta, LNOR Lincoln Mounta, LNOR Lincoln Mounta, D06A Ce Elum, D06A Ce Elum, D05A Enumclaw, G09A Cove, H09A Durkee, D08A Wolfman Farm, BMO Blue Mountains, BMO Blue Mountains, C07A Waterville, D09A Jones Farm, R, G10A Bishop Farm, J, OD2 Odessa Site #2, OD2 Odessa Site #2, H10A Noah's Angus R, H10A Noah's Angus R, WVOR Wild Horse Val, WVOR Wild Horse Val, B07A Winthrop, B07A Winthrop.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, PUZ Puketiti, URZ Urewera, URZ Urewera, OUZ Omaha, OUZ Omaha, PXZ Pawanui, TIWZ Tintock, TIWZ Tintock.

IDC 16 03:08:51.9-0.7, 31.52S-177.71W, h0km, mb4.5/9, mb1 4.7/10, mb1mx4.4/18, mbtmp4.5/10, ML4.7/1, Error ellipse: s-maj=23.6km s-min=17.7km az=97.0

NEIC 16 03:08:53.1-0.5, 31.63S-177.72W, h10km, mb5.1/7, Error ellipse: s-maj=15.0km s-min=10.7km az=116.0

ISCJB 16 03:08:55.3-0.3, 32.06S-0.06:178.2W-0.1, h18km, 20km, mb4.7/15, Error ellipse: s-maj=17.6km s-min=8.8km az=10.2

MOS 16 03:08:56.3-1.2, 31.49S-177.85W, h33km, mb5.2/1, Error ellipse: s-maj=21.2km s-min=17.4km az=126.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like RAO Raoul Island, RAO Raoul Island, PUZ Puketiti, URZ Urewera, URZ Urewera, OUZ Omaha, OUZ Omaha, PXZ Pawanui, TIWZ Tintock, TIWZ Tintock.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MRZ Mangatoinaka R, MRZ Holdsworth Sta, LTZ Lake Taylor, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like az=141.9, FUNIV 16 03:51:52.7, NEIC 16 03:51:53.0, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MNMC comp=E,82nm,0.3s, AML AML, LPAZ La Paz, etc.

ISCJB 16 03:34:40.9-0.7, 39.910N-0.04-39.53E-0.07, h6km, 17km, Error ellipse: s-maj=8.5km s-min=5.9km az=8.1

Table with columns: Property Name, Price, Area, Status, and other details. Includes listings like FUG Fuego 3, CCIG Comitán, and various other properties.

Table with columns: Property Name, Price, Area, Status, and other details. Includes listings like 224A Corundas Mount, CPRX Cap Rock, and various other properties.

Table with columns: Property Name, Price, Area, Status, and other details. Includes listings like U19A Dine' College, Z14A Wintersburg, and various other properties.

Table of astronomical observations for 2008 APR, including station names, coordinates, and observation times. Includes stations like SCHQ, YKA, CPUP, etc.

Table of astronomical observations for 2008 APR, including station names, coordinates, and observation times. Includes stations like HHC, BOSS, AAK, etc.

Table of astronomical observations for 16d 5h, including station names, coordinates, and observation times. Includes stations like BDRM, NAIG, LTK, etc.

DJA 16 05:54:25.52'02N, 179.14W, h49km, Mw6.7/61
ISC 16 05:54:21.8.0.1, 51.88N, 0.02, 179.10W, 0.01, h26km,
h26km, 1.6km, p-P, n1897, o0851842, mb5.9/471,
MS6.5/315, 292C-254D, Andreanof Islands

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

Table with columns: MIDW, DAWY Dawson, HYTE Haines Junction, YUK Yuzh-Kuril, etc. Lists stations and their associated data points.

Table with columns: BBB, KLR Kul'dur, comp=E, 700nm, 2.8s, etc. Lists stations and their associated data points.

Table with columns: ID, Name, Value, Unit, Status, etc. Includes entries like HEB0 D05A Enunclaw, A07A Ashnola River, etc.

Table with columns: RES, Name, Value, Unit, Status, etc. Includes entries like RES Resolute Bay, RES Resolute Bay, etc.

Table with columns: SLMT, Name, Value, Unit, Status, etc. Includes entries like SLMT Seelye Lake, SLMT Victor, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like BOZ Bozeman (W), E17A Martinsdale, G16A Moss Hill, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like CWC Cottonwood Cre, BJI Beijing, K16A Soda Springs, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like NOQ North Oquirrh, O15A The Old Anders, DGMT Dagmar, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like HHC Hu-ho-hao-te, MSU Marysvalde, and various other stations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like T16A Glen Canyon Da, N21A Black Mountain, S17A Black Ridge, and various other stations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like Z15A Gila River Ind, Y16A Circle Bar Ran, R22A Saquache, Gunn, and various other stations.

2008 APR

Table with columns for call sign, location, frequency, power, and other technical details. Includes sections for 735, 2008 APR, and 1605 5h.

16d 5h

CMAR	comp=Z,24nm,0.8s,mb5.2,baz=27,slo=6.8,SNR=62	PKP2ab	06 33 28.4
CMAR	comp=Z,1.5nm,0.8s,baz=236,slo=4.4,SNR=6.9	LR	06 41 17.8
MCD	comp=Z,18um,19.0s,MS6.3,baz=35,slo=40	LR	06 05 35.8 +0.2
TAPN	Coleburn Disti 70.85 2i eP	P	06 05 36.2 0.0
	Tapeljung 70.86 290 eP	P	06 05 36.2 0.0
KAC	comp=Z,3um,1.1s,mb7.1	eP	06 05 35.6 -0.1
ISAL	Achnashellach 70.87 4 eP	P	06 05 36.4 +0.5
MDO	Dakota 70.89 345 eP	P	06 05 36.3 0.0
KPL	Plockton 71.01 4 eP	P	06 05 36.4 -0.2
KPL	comp=Z,114nm,2.7s,mb5.3	Amb	06 05 45.5
KPL	comp=Z,32um,21.0s,MS6.6	AMS	06 36 16.2
IDID	Didziasalis 71.04 345 eP	P	06 05 37.1 +0.3
AAI	Ambon 71.05 237 eP	P	06 05 38.1 +0.7
MMIE	Melkie Cairn 71.12 2 eP	P	06 05 37.8 +0.5
KSIB	Shell Bridge 71.15 4 eP	P	06 05 37.9 -0.1
AGT	Agartala 71.37 285 ex	sP	06 05 53.0 +2.2
AGT		x	06 07 56.0
ODAN	Odare 71.41 290 eP	x	06 05 39.4 -0.2
NACN	comp=Z,1um,1.4s,mb7.7	eP	06 05 36.0 -3.2
GUM	Gumba 71.50 292 eP	P	06 05 40.0 -0.1
GUM	comp=Z,908nm,0.7s,mb6.8	AMS	06 05 40.1 0.0
JIRN	Jiri 71.51 291 eP	P	06 05 39.0 -1.4
JIRN	comp=Z,620nm,0.8s,mb6.8	AMS	06 05 39.5 -1.6
MICGM	Minsk 71.63 344 eP	P	06 05 40.4 -0.9
BDT	Bhumibol Dam 71.66 275 eP	P	06 14 55.2 -4.3
VRHR	Novokhopersk 71.77 334 eP	P	06 05 41.3 -0.6
VRHR		eS	06 05 41.9 +0.4
VRHR	comp=Z,20nm,0.4s,mb5.4	pmax	06 15 06.7 +6.9
VRHR	comp=N,60nm,1.0s	pmax	
VRHR	comp=E,40nm,0.9s	pmax	
VRHR	comp=N,89nm,7.3s	smax	
VRHR	comp=Z,530nm,7.0s	smax	
VRHR	comp=E,550nm,6.7s	smax	
RAMN	Ramite 71.81 290 eP	P	06 05 45.4 +3.9
MUD	comp=E,829nm,0.7s,mb5.7	eS	06 05 40.0 -1.6
MUD	Monsted U'grnd 71.82 355 iP	P	06 05 43.6 +1.1
MUD	VORonezh 71.83 336 eP	P	06 05 43.2 -0.2
MUD	VOR	pmax	06 05 43.1 -0.1
PMOR	Pomariario Ree 71.91 148 eP	P	06 05 46.1 +2.5
PMOR	comp=Z,219nm,1.1s,mb6.0	eP	06 05 43.5 -0.4
KKN	Kakani 71.93 292 eP	P	06 05 46.1 +2.5
PKI	Pulchoki 72.02 292 eP	P	06 05 44.1 0.0
PKIN	Phulchoki 72.03 292 eP	P	06 05 43.7 0.0
PKIN	Phulchok 72.03 292 eP	P	06 05 43.7 0.0
OXX	Oaxaca 72.08 85 eP	P	06 05 42.6 -1.9
VHO	Vista Hermosa 72.08 85 iP	P	06 15 03.8 -1.8
GKN	Gorkha 72.14 293 eP	P	06 05 46.5 +1.6
NST	Nakhon Sawan 72.15 273 P	P	06 05 44.7 -1.0
DMN	Daman 72.17 292 eP	P	06 15 11.5 +3.6
DMN	comp=Z,543nm,1.0s,mb5.7	AMS	06 05 44.7 -1.0
EBH	Black Hill 72.18 3i eP	P	06 05 44.7 -1.0
EAB	Aberfoyle 72.21 3i eP	P	06 05 43.9 +0.1
VSR	Storozhevoye 72.31 336 eP	P	06 05 42.6 -1.9
VSR		ePPP	06 10 16.3
VSR		eS	06 15 03.8 -1.8
VSR	comp=E,50nm,1.3s	pmax	
VSR	comp=Z,40nm,1.3s,mb5.2	pmax	
VSR	comp=N,30nm,0.9s	pmax	
VSR	comp=E,7um,11.9s	smax	
VSR	comp=Z,350nm,7.4s	smax	
VSR	comp=N,540nm,5.5s	smax	
VSR	comp=N,34um,22.0s,MS7.0	MLR	06 06 02.5 +2.7
VSR	comp=Z,42um,22.0s,MS6.7	MLR	06 06 02.4 +2.7
VSR	comp=E,68um,20.0s,MS7.0	MLR	06 06 02.4 +2.8
DANN	Dangshu 72.38 293 eP	P	06 06 02.5 +2.5
COP	Copenhagen 72.38 353 iP	P	06 06 02.4 +2.7
COP	comp=Z,50nm,0.9s,mb5.4	pmax	06 06 02.4 +2.8
COP	comp=Z,11um,21.0s,MS6.1	MLR	06 06 02.5 +2.5
COP	Copenhagen 72.38 353 iP	P	06 06 02.4 +2.7
COP	comp=Z,50nm,0.9s,mb5.4	MLR	06 06 02.4 +2.8
VORD	Divnogorie 72.50 336 eP	P	06 06 02.5 +2.5
VORD		eS	06 06 02.4 +2.7
VORD	comp=Z,420nm,0.6s,mb5.5	pmax	06 06 02.4 +2.8
VORD	comp=N,630nm,0.9s	pmax	06 06 02.5 +2.5
VORD	comp=E,2um,7.1s	smax	06 06 02.4 +2.7
VORD	comp=Z,290nm,5.8s	smax	06 06 02.4 +2.8
VORD	comp=N,1um,7.3s	MLR	06 06 02.5 +2.5
VORD	comp=Z,41um,22.0s,MS6.7	MLR	06 06 02.4 +2.7
VORD	comp=N,43um,20.0s,MS7.0	MLR	06 06 02.4 +2.8
VORD	comp=E,65um,20.0s,MS7.0	MLR	06 06 02.5 +2.5
EDI	Edinburgh 72.51 2 AMS	AMS	06 06 02.4 +2.7
ESY	Stoneypath 72.53 2i eP	P	06 06 02.4 +2.8
EAU	Auchincorn 72.58 3i eP	P	06 06 02.5 +2.5
PGBU	Glenifferbraes 72.58 3 eP	P	06 06 02.4 +2.7
PGBU	comp=Z,160nm,2.2s,mb5.6	Amb	06 06 02.4 +2.8
PGBU	comp=Z,21um,23.2s,MS6.3	AMS	06 06 02.4 +2.7
EBL	Broad Law 72.67 2 eP	P	06 06 02.4 +2.8
BSD	Bornholm Skovb 72.74 352 iP	P	06 06 02.4 +2.7
BSD	comp=Z,41nm,0.9s,mb5.4	pmax	06 06 02.4 +2.8
BSD	comp=Z,41nm,0.9s,mb5.4	MLR	06 06 02.4 +2.7
BSD	comp=Z,25um,20.0s,MS6.5	MLR	06 06 02.4 +2.8
BSD	Bornholm Skovb 72.74 352 iP	P	06 06 02.4 +2.7
BSD	comp=Z,41nm,0.9s,mb5.3	MLR	06 06 02.4 +2.8
SUW	Suwalki 72.85 346 eP	P	06 06 02.4 +2.7
SUW		eS	06 06 02.4 +2.8
SUW	comp=Z,54um,23.2s	LMZ	06 06 02.4 +2.7
SUW	Suwalki 72.85 346i eP	P	06 06 02.4 +2.8
SUW		eS	06 06 02.4 +2.7
DWPF	Disney 72.86 66 eP	P	06 06 02.4 +2.8
DWPF	comp=Z,317nm,1.0s,mb6.2	LR	06 06 02.4 +2.7
KOLN	Koldanda 72.91 293 eP	P	06 06 02.4 +2.8
KLP	Kalpa 72.99 299 eP	P	06 06 02.4 +2.7
KLP	comp=Z,497nm,1.4s,mb6.3	Amb	06 06 02.4 +2.8
JOSI	Joshimath 73.04 298 eP	P	06 06 02.4 +2.7
JOSI	comp=Z,681nm,1.1s,mb5.5	Amb	06 06 02.4 +2.8
ESK	Eskdalemuir 73.12 2 P	P	06 06 02.4 +2.7
ESK	comp=Z,400nm,0.8s,mb6.4,SNR=11	AMS	06 06 02.4 +2.8
ESK	Eskdalemuir 73.12 2i eP	P	06 06 02.4 +2.7
ESK	comp=Z,112nm,2.4s,mb5.4	Amb	06 06 02.4 +2.8

2008 APR

ESK	comp=Z,23um,20.7s,MS6.4	AMS	06 39 43.6
ESK	Eskdalemuir 73.12 2 eP	AMS	06 05 49.1 -0.2
ESK	comp=Z,146nm,1.3s,mb5.8	pmax	
ESK	comp=Z,29um,22.0s,MS6.5	MLR	06 05 49.1 -0.1
ESK	Eskdalemuir 73.12 2 eP	AMS	06 05 49.1 -0.1
ESK	comp=Z,146nm,1.3s,mb5.8	LR	06 36 19.1
CMIG	Matias Romero 73.21 84 LR	LR	06 05 47.9 -2.5
CMIG	comp=Z,18um,18.3s,MS6.4,baz=131,slo=34	AMS	06 05 50.1 0.0
ECK	Matias Romero 73.21 84 eP	P	06 05 50.0 -0.1
COEN	Cauldkaime Hil 73.26 2i eP	P	06 05 49.7 -1.1
PCI	Coen 73.26 218 eP	P	06 05 51.5 +0.3
PCI	comp=Z,782nm,1.2s,mb5.5	AMS	06 05 51.5 +0.3
PTH	Palu 73.29 246 P	P	06 05 52.0 +3.0
RGN	Rugen 73.44 352 eP	P	06 05 49.7 -1.1
PTH	comp=Z,251nm,0.3s,mb6.6	AMS	06 05 51.5 +0.3
HUIG	Piithoragarh 73.45 297 eP	P	06 05 52.0 +3.0
LGTI	Huatulco 73.46 85 eP	x	06 07 05.5
GAL1	Lohaghat 73.51 297 eP	x	06 05 52.5 +0.7
GAL1	Galloway 73.52 3 eP	sP	06 05 51.5 +0.3
GAL1	comp=Z,112nm,2.1s,mb5.4	Amb	06 05 51.5 +0.3
GAL1	comp=Z,28um,21.2s,MS6.5	AMS	06 05 59.2 -0.2
GAL1	Galloway 73.52 3 P	AMS	06 37 30.4
XAL	Allendale 73.60 2i eP	P	06 05 54.7 +3.0
SDNR	Sundarnagar 73.71 300 eP	P	06 05 52.1 0.0
SDNR		ex	06 05 52.1 -1.1
PPT	Papeete 73.79 151 eP	x	06 15 09.5
PPT	comp=Z,138nm,1.4s,mb5.7	eS	06 05 54.5 +0.9
PPT	comp=Z,17um,26.5s	eLQ	06 15 21.8 -1.2
PPT	comp=Z,102um,27.5s	eLR	06 24 51.2
PPT	comp=Z,31um,29.0s,baz=352	eLR	06 28 22.7
PPT	Papeete 73.79 151 P	P	06 05 54.3 +0.7
TIAR	Tiaret 73.85 150 eP	P	06 05 55.1 +1.2
PAE	Paea 73.88 151 eP	P	06 05 55.1 +1.0
PAE	comp=Z,33nm,1.2s,mb5.1	pmax	06 05 55.1 +1.0
PAE	Paea 73.88 151 eP	pmax	06 05 55.1 +1.0
SMLA	Simla 73.89 300 ex	x	06 05 50.8
SMLA	comp=Z,758nm,1.9s,mb6.3	Amb	06 06 16.8
BTM	Bintulu 73.91 254 P	P	06 05 54.8 +0.3
XDE	Dent Fell 73.92 3 eP	P	06 05 54.1 0.0
DDI	Dehra Dun 74.04 299 ex	x	06 05 49.5
DDI		x	06 15 30.5
BHK	Bhakra 74.07 301 eP	P	06 05 56.8 -1.7
GIM	North Isle of 74.11 3 eP	P	06 06 15.2
CAL	Calcutta 74.14 286 eP	P	06 05 53.9 -1.2
CAL		eP	06 05 56.0 +0.2
KDI	Kendari 74.25 242i eP	x	06 15 15.6
KDI		x	06 05 56.9 +0.4
BSEG	Bad Segeberg 74.26 354 eP	P	06 05 56.2 +0.2
BSEG	comp=Z,150nm,1.1s,mb5.8	pmax	06 05 56.2 +0.2
BSEG	Bad Segeberg 74.26 354 eP	P	06 05 56.2 +0.2
GKP	Gorka Klasztor 74.33 350 eP	P	06 05 56.8 +0.4
GKP	comp=Z,56um,20.0s	LMZ	06 15 27.9 -0.5
GKP	Gorka Klasztor 74.33 350 eP	S	06 04 31.9
GKP	comp=Z,56um,20.0s	LR	06 05 56.8 +0.4
GKP		LR	06 15 28.0 -0.5
HPK	Haverah Park 74.51 2 AMS	AMS	06 47 36.8
HPK	comp=Z,22um,17.1s,MS6.5	AMS	06 47 36.8
MEH	Mehetia 74.52 2 P	P	06 06 00.1 +2.6
MEH	Haverah Park 74.51 2 P	P	06 05 58.9 +0.9
DZM	Mont Dzumac 74.71 194 eP	P	06 06 00.1 +2.6
DZM	comp=Z,248nm,1.3s,mb6.0	AMS	06 05 59.6 +0.8
DZM	Mont Dzumac 74.71 194 eP	P	06 06 00.1 +1.2
DZM	comp=Z,108nm,1.1s,mb5.7	eS	06 06 00.1 +1.2
DZM	comp=Z,46um,27.9s	eLR	06 15 35.1 +1.9
RAR	Rarotonga 74.72 161 PFAKE	LR	06 28 56.0
RAR	comp=Z,104um,33.4s	LR	06 10 10.0 +11
NNT	Nongplab 74.76 271 P	P	06 06 10.0 +11
NOUC	Port Laguerre 74.76 194 P	P	06 06 02.5 +2.5
TEIG	Tepich 74.85 77 eP	P	06 06 00.3 +1.1
TEIG	comp=Z,348nm,1.2s,mb6.2	LR	06 05 59.7 -0.3
SCX	San Cristobal 74.86 82 eP	P	06 06 02.5 +2.5
WAR	Warsaw 74.88 347 eP	P	06 06 02.4 +2.7
WAR	comp=Z,52um,21.0s	LMZ	06 06 02.4 +2.7
WAR	Warsaw 74.88 347 eP	LR	06 06 02.4 +2.8
WAR	comp=Z,52um,21.0s,MS6.8	LR	06 06 02.4 +2.8
LHO	Holmfirth 74.92 2 eP	P	06 06 02.5 +2.5
KKR	Kurukshetra 74.99 299 ex	AMS	06 05 59.4 -0.5
KKR	comp=Z,280nm,1.0s,mb6.2	Amb	06 06 08.0 -1.1
DLF	Lyons Farm 75.01 5 eP	P	06 06 02.7 +0.3
AKAS	Malin Array Be 75.02 342 P	P	06 05 59.9 -0.6
AKAS	comp=Z,14nm,0.4s,mb5.2,baz=20,slo=5.8,SNR=74	PKPPPK	06 06 02.7 +0.3
AKAS	comp=Z,1.4nm,0.7s,baz=214,slo=1.9,SNR=5.4	LR	06 33 27.9
AKASG	comp=Z,26um,19.9s,MS6.5,baz=10.0,slo=38	LR	06 41 27.6
AKBB	Malin Array Si 75.02 342 eP	P	06 05 59.7 -0.7
SBUM	Sibu 75.02 254 P	P	06 06 01.0 0.0
KIEV	Kiev 75.02 342 eP	P	06 05 59.8 -0.7
KIEV	comp=Z,306nm,1.4s,mb6.0	pmax	06 05 59.8 -0.7
KIEV	comp=Z,24um,21.0s,MS6.5	MLR	06 05 59.8 -0.7
KIEV	Kiev 75.02 342 eP	LR	06 05 59.8 -0.7
KIEV	comp=Z,306nm,1.4s,mb6.0	LR	06 05 59.8 -0.7
WLF1	Lynfaes 75.11 3 eP	P	06 06 01.6 +0.6
WLF1	comp=Z,356nm,4.0s	Amb	06 06 07.2
KB1	Birley Grange 75.22 2i eP	P	06 06 01.4 -0.2
STNC	Stoke 7		

Table with columns: PDAR, Pinedale Array, 46.35 72 P, 06 20 33.3 -0.2, etc.

NEIC 16 06:32:09.4, 51.71N:179.00W, h6km, ML3.7(AEIC), After AEIC

IDC 16 06:32:09.3, 7.3, 51.75N:178.95W, h0km, mb3.3/4, mb1.3/9.5, mb1mx3.5/26, mbtmp3.5/5, ML3.5/1, Error ellipse: s-maj=140.5km s-min=78.3km az=96.0

ISCJB 16 06:32:11.2, 1.4, 51.9N:0.3:179.2W, 0.1, h33km, mb3.3/4, Error ellipse: s-maj=46.7km s-min=9.9km az=5.4

ISC 16 06:32:13.1, 1.4, 51.9N:0.3:179.1W, 0.1, h35km, n9, #134/10, mb3.3/4, Andreonof Islands

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

NEIC 16 06:35:59.7, 51.70N:179.19W, h5km, ML3.3(AEIC), After AEIC

IDC 16 06:36:12.4, 17.0, 52.16N:177.05W, h0km, mb3.6/4.5, mb1.3/8.5, mb1mx3.5/26, mbtmp3.4/5, Error ellipse: s-maj=331.1km s-min=54.8km az=71.0

ISC 16 06:36:08.6, 2.2, 51.8N:0.4:178.9W, 0.2, h35km, n8, #130/9, mb3.4/5, Andreonof Islands

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

IDC 16 06:38:50.8, 0.8, 51.78N:179.37W, h0km, mb3.9/9, mb1.4/2/11, mb1mx3.9/29, mbtmp4.0/11, ML3.5/2, Error ellipse: s-maj=31.8km s-min=16.7km az=155.0

BUI 16 06:38:52.9, 51.70N:178.90W, h10km, mb5.3/1, mb4.7/7, Ms5.5/2, Ms7.5/2

NEIC 16 06:38:55.0, 51.70N:178.87W, h2km, mb4.3/7, ML4.0(AEIC), After AEIC

ISCJB 16 06:38:55.2, 0.6, 51.78N:0.09:179.26W, 0.09, h33km, mb4.1/18, Error ellipse: s-maj=12.6km s-min=7.8km az=169.9

ISC 16 06:38:57.2, 0.6, 51.72N:0.09:179.19W, 0.09, h35km, n33, #132/33, mb4.1/18, Andreonof Islands

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

ADK Adak 1.56 83 Op Pn 06 39 20.6 +1.9

ATKA Atka Island 3.13 79 Pn 06 39 42.5 -1.4

SMY Shemya 4.25 286 Pn 06 40 04.3 +5.0

SPIA Saint Paul Is 7.55 40 Pn 06 40 44.4 -0.2

GAMB Gambell 12.72 15 ePn 06 41 54.5 -0.7

PETK Petropavlovsk- 14.16 285 Pn 06 42 11.4 -3.6

TNA Tin City 15.03 18 ePn 06 42 26.1 -0.4

KDAD Kodiak Island 16.44 58 Pn 06 42 43.6 -1.2

TRUM Lake Minchumina 18.61 39 ePn 06 43 12.1 +0.5

CHM Thorofare Moun 19.23 41 ePn 06 43 19.3 +0.2

COLD Coldfoot 21.09 32 ePn 06 43 39.8 +1.7

MENT Mentasta 21.88 45 ePn 06 43 48.0 +1.5

EGAK Eagle 23.45 42 ePn 06 44 02.5 -0.6

DAWY Dawson 24.02 44 ePn 06 44 08.4 +0.1

INK Inuvik 27.32 35 Pn 06 44 37.8 -0.3

AEIC

ISC 16 06:43:18.9, 4.1, 51.8N:0.2:179.21W, 0.10, h6km, 27km, n13, #091/14, mb3.8/7, Andreonof Islands

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

ADK Adak 1.57 84 Op Pn 06 43 47.3 0.0

ATKA Atka Island 3.13 80 Pn 06 44 01.3 +0.4

SMY Shemya 4.25 286 Pn 06 44 24.6 +0.8

SPIA Saint Paul Is 7.54 40 Pn 06 45 08.4 -0.8

KDAD Kodiak Island 16.44 58 Pn 06 47 08.2 -1.7

EGAK Eagle 23.44 42 ePn 06 48 29.8 +1.2

INK Inuvik 27.30 35 Pn 06 49 03.1 -0.6

MDJ Mudanjiang 34.28 279 Pmax 06 50 04.3 -1.1

MDJ comp=2.9, 0.9m, 1.9s, mb4.3 pmax pmax

YKA Yellowknife Arr 35.16 47 P 06 50 14.6 +1.7

PDAR Pinedale Array 46.44 72 P 06 51 45.0 -1.2

SPITS Spitsbergen Arr 49.95 356 P 06 52 13.5 +0.3

TXAR Lajitas Array 58.85 81 P 06 53 18.4 +0.2

ISCJB 16 06:44:46.0, 0.4, 38.39N:0.03:38.92E, 0.03, h10km, Error ellipse: s-maj=3.8km s-min=3.5km az=163.2

CSEM 16 06:44:46.3, 0.1, 38.41N:38.98E, h7km, MD2.8, Error ellipse: s-maj=1.8km s-min=1.7km az=153.0

DDA 16 06:44:46.3, 38.47N:38.98E, h7km, MD3.1

ISK 16 06:44:46.1, 38.38N:38.92E, h5km, MD2.8

ISC 16 06:44:46.6, 0.5, 38.39N:0.03:38.92E, 0.03, h2km, 7km, n29, #091/44, Turkey

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

MALT Malatya 0.39 259 ePg 06 44 54.2 +0.1

MALT Malatya 0.39 259 ePg 06 44 54.2 0.0

MALT Malatya 0.39 259 ePg 06 45 00.0 +0.8

MWTA Malatya 0.39 261 ePg 06 44 54.2 0.0

PTK Pertek 0.62 37 ePg 06 44 58.5 -0.1

PTK Pertek 0.62 37 ePg 06 45 07.9 +1.2

AKCAD Akcadag 0.79 263 ePg 06 45 11.4 -0.5

AKCAD Akcadag 0.79 263 iPg 06 45 01.3 -0.4

AKCAD Akcadag 0.79 263 iPg 06 45 11.4 -0.5

KEMA Kemaliye 0.94 339 iPg 06 45 03.9 -0.7

KEMA Kemaliye 0.94 339 iPg 06 45 15.7 -1.1

URFA Urfa 0.95 185 ePg 06 45 15.7 -1.0

URFA Urfa 0.95 185 ePg 06 45 05.0 +0.2

URFA Urfa 0.95 185 ePg 06 45 17.6 +0.4

URFA Urfa 0.95 185 ePg 06 45 17.6 +0.4

Table with columns: NNZ Nelson, 16.48 198 PN, 06 02 13.9 -1.4, etc.

THW Tuamarina 16.53 198 PN 06 02 14.1 -1.8

TUZH Tophouse 17.12 198 ePn 06 02 20.4 -1.5

THZ Tophouse 17.12 198 ePn 06 02 20.4 -1.5

DSZ Denniston Nort 17.43 201 P 06 02 25.3 +0.1

DNSTON Denniston Nort 17.43 201 P 06 02 25.3 +0.1

KHZ Kahurangi 17.56 196 P 06 02 24.3 -2.0

KHZ Kahurangi 17.56 196 P 06 02 24.3 -2.0

LTZ Lake Taylor 18.24 198 P 06 02 31.6 -0.9

LTZ Lake Taylor 18.24 198 P 06 02 31.6 -0.9

WVZ Waitaha Peaks 18.45 201 P 06 02 38.1 -1.2

WVZ Waitaha Peaks 18.45 201 P 06 02 38.1 -1.2

RPZ Rata Peaks 19.45 200 eP 06 02 44.9 +1.2

RPZ Rata Peaks 19.45 200 eP 06 02 44.9 +1.2

FOZ Fox Glacier 19.76 203 P 06 02 45.7 -0.8

FOZ Fox Glacier 19.76 203 P 06 02 45.7 -0.8

LBZ Lake Benmore 20.32 201 P 06 02 50.8 -0.8

LBZ Lake Benmore 20.32 201 P 06 02 50.8 -0.8

JCZ Jackson Bay 20.53 204 P 06 02 53.7 +0.2

JCZ Jackson Bay 20.53 204 P 06 02 53.7 +0.2

MSZ Milford Sound 21.35 204 P 06 03 04.6 +3.7

EAZ Earscleugh 21.36 201 P 06 03 04.4 +0.4

MLZ Maunga Lakes 21.84 203 P 06 03 06.4 +1.1

MLZ Maunga Lakes 21.84 203 P 06 03 06.4 +1.1

TUZ Tuapeka 21.91 200 P 06 03 06.9 +1.0

TUZ Tuapeka 21.91 200 P 06 03 06.9 +1.0

DCZ Deep Cove 22.32 204 P 06 03 10.9 +1.2

WHZ Wether Hill Ro 22.40 202 Pn 06 03 10.7 +0.3

SYZ Scrubby Hill 22.58 200 Pn 06 03 12.4 +0.4

APZ The Paps 23.20 201 Pn 06 03 18.0 +0.5

ARMA Armadale 25.42 253 P 06 03 40.2 +2.7

CNB Charters Magne 31.48 273 P 06 04 03.5 +3.5

CTA Charters Tower 31.48 273 P 06 04 31.8 +1.2

CTA 12m, 0.3s, mb4.8

CTA 6.9m, 0.4s, mb4.9, baz=95, slow=11, SNR=37 P 06 07 09.8 +0.7

CTA 13m, 0.9s, baz=108, slow=6, SNR=9 P 06 07 09.8 +0.7

CTA Charters Tower 31.48 273 P 06 07 31.8 +1.2

CTA Charters Tower 31.48 273 P 06 07 31.8 +1.2

CTA Charters Tower 31.48 273 P 06 07 31.8 +1.2

CTA Charters Tower 31.48 273 P 06 07 31.8 +1.2

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, HFS, HSC. Includes stations like N12A Clover Valley, XAN Xi'an, CMAR Chiang Mai, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, HFS, HSC. Includes stations like WTAA Wattenberg, CDF Champ du Feu, MOTA Moosalm, etc.

MOS 16 07:01:04.2,0.8,33:80N;137:15E,h348km,mb4.0/10, error ellipse: s-maj=13.2km s-min=9km az=98.8 BUI 16 07:01:04.8,33:91N-137:20E,h387km,mb4.3/15 ISCJB 16 07:01:05.0,3,33:95N;137:14E,0.05,h354km,1km,mb4.0/43, Error ellipse: s-maj=9.4km s-min=5.5km az=152.2

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, HFS, HSC. Includes stations like AKTO Aktyubinsk, KEV Kevo, ARCES ARCESS Array B, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, HFS, HSC. Includes stations like CBIJ Chichi jima, KSR5 Korea Array, DL2 Dalian, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, HFS, HSC. Includes stations like KKN Kakani, DMN Daman, GKN Gorlha, etc.

IDC 16 07:38:49.0;5.2,57:154.06E,h03km,mb3.6/3, mb1.3/8.1,mb1mx3.4/27,mbtmp3.6/4, Error ellipse: s-maj=158.7km s-min=36.5km az=110.0,Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, HFS, HSC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

Table with columns: MDJ, comp, Z, 26nm, 1.1s, mb4.7, pmax, pmax, MDJ, comp, Z, 26nm, 3.1s, Mudarang, 80.11, 325, eP, P, 09 57 39.4 +1.1, BEKR, Beckwourth, 80.19, 41, U P, P, 09 57 39.0 +0.2, WCN, Washoe City, 80.24, 42, U P, P, 09 57 39.7 +0.6, HUMO, Hull Mountain, 80.30, 36, U P, P, 09 57 39.6 +0.3, KDAK, Kodiak Island, 80.33, 13, P, Pmax, 09 57 38.4 -0.7, KDAK, Kodiak Island, 80.33, 13, P, Pmax, 09 57 38.4 -0.7, KDAK, Kodiak Island, 80.33, 13, P, Pmax, 09 57 38.0 -1.1, GMRC, Granite Mounta, 80.43, 48, U P, P, 09 57 40.5 +0.4, IRM, Iron Mountain, 80.45, 48, U P, P, 09 57 40.6 +0.2, GRAC, Grapevine Rang, 80.47, 45, U P, P, 09 57 40.9 +0.5, NVAR, Mina Array Bea, 80.66, 43, P, P, 09 57 41.4 0.0, Y12C, Glythe, 80.68, 49, U P, P, 09 57 41.6 0.0, PAHR, Pah Rah Rang, 80.71, 42, eP, P, 09 57 41.6 +0.1, 113A, Mohawk Valley, 80.72, 50, U P, P, 09 57 42.1 +0.4, U10A, Ash Meadows, A, 80.85, 46, U P, P, 09 57 42.5 +0.1, LDFC, Landfair, 80.97, 48, eP, P, 09 57 43.9 +0.9, 214A, Organ Pipe Nat, 81.00, 51, U P, P, 09 57 43.8 +0.6, Z13A, Yuma Proving G, 81.02, 50, U P, P, 09 57 43.8 +0.5, V11A, Goodsprings, 81.15, 47, U P, P, 09 57 44.3 +0.3, Y13A, Salome, 81.21, 49, U P, P, 09 57 44.8 +0.5, PDMCI, Parker Dam, Lak, 81.24, 49, U P, P, 09 57 44.8 +0.4, W12A, Cal Nev Ari, 81.25, 48, U P, P, 09 57 44.8 +0.3, 114A, Black Gap (USA, 81.35, 51, U P, P, 09 57 45.4 +0.4, MOD, Modoc, 81.44, 40, U P, P, 09 57 45.4 +0.1, V12A, Nelson, 81.49, 47, U P, P, 09 57 46.0 +0.3, S10A, Tonopah Range, 81.50, 45, U P, P, 09 57 46.0 +0.3, K05A, Summer Lake, 81.58, 39, U P, P, 09 57 46.6 +0.6, X13A, Yucca, 81.61, 49, U P, P, 09 57 46.6 +0.3, Z14A, Wintersburg, 81.61, 50, U P, P, 09 57 47.0 +0.6, 115A, Sonoran Desert, 81.80, 51, U P, P, 09 57 47.9 +0.6, W13A, Hualapai Mount, 81.83, 48, U P, P, 09 57 47.8 +0.3, Y14A, Wickenburg, 81.86, 50, U P, P, 09 57 47.9 +0.3, R10A, Warm Springs, 81.89, 44, U P, P, 09 57 48.2 +0.6, CN2, Changchun, 81.91, 322, eP, P, 09 57 48.3 +0.7, CN2, 09 59 39.9 +8.4, CN2, 10 07 19.4 -2.3, CN2, comp-Z, 10.0nm, 1.0s, mb4.3, pmax, pmax, CN2, comp-Z, 200nm, 10.0s, pmax, pmax, S11A, Rache, 81.91, 45, U P, P, 09 57 47.9 +0.1, 216A, Three Points, 82.03, 52, U P, P, 09 57 49.0 +0.5, H04A, Detroit Lake, 82.03, 37, U P, P, 09 57 48.0 -0.2, MAW, Mawson, 82.03, 200, P, P, 09 57 47.7 -0.2, MAW, comp-Z, 2.1nm, 0.7s, mb3.8, baz=146, slow=16, SNR=6.3, pP, 09 59 34.6 +2.9, T11A, Corn Creek, AI, 82.04, 46, U P, P, 09 57 49.0 +0.5, F03A, Seaside, 82.06, 35, U P, P, 09 57 48.7 +0.4, U12A, Valley of Fire, 82.08, 47, U P, P, 09 57 49.0 +0.4, L07A, Adeli, 82.08, 40, U P, P, 09 57 49.1 +0.5, T12A, Moapa, 82.11, 46, U P, P, 09 57 49.0 +0.2, 116A, Eloy, 82.12, 51, U P, P, 09 57 49.5 +0.6, Q10A, Clear Creek Ra, 82.12, 44, U P, P, 09 57 48.9 +0.1, Z15A, Gila River Ind, 82.15, 50, U P, P, 09 57 49.1 0.0, V13A, Grand Canyon W, 82.16, 47, U P, P, 09 57 49.2 +0.1, G04A, Mulino, 82.19, 36, U P, P, 09 57 49.0 0.0, X14A, Yava, 82.21, 49, U P, P, 09 57 50.0 +0.5, Y15A, Casa Rosa Ranch, 82.35, 50, U P, P, 09 57 50.6 +0.5, 217A, Green Valley, 82.39, 52, U P, P, 09 57 51.1 +0.7, R11A, Troy Canyon, C, 82.40, 45, U P, P, 09 57 50.1 -0.1, E03A, Lebam, 82.44, 34, U P, P, 09 57 50.6 +0.3, W14A, Selign, 82.46, 48, U P, P, 09 57 51.4 +0.7, U13A, Pakoon Wash, 82.46, 47, U P, P, 09 57 51.0 +0.4, BMN, Battle Mountai, 82.48, 42, eP, P, 09 57 50.7 +0.1, BMN, comp-Z, 22nm, 0.8s, mb4.7, pmax, pmax, BMN, Battle Mountai, 82.48, 42, eP, P, 09 57 50.7 +0.1, S12A, Delamarian, 82.49, 46, U P, P, 09 57 51.5 +0.8, P10A, Eureka, 82.52, 43, U P, P, 09 57 50.9 0.0, Q11A, Duckwater, 82.62, 44, U P, P, 09 57 51.5 +0.1, V14A, Boquillas Ranc, 82.66, 48, U P, P, 09 57 52.2 +0.6, TUC, Tucson, 82.67, 52, eP, Pmax, 09 57 52.6 +0.8, TUC, comp-Z, 10.0nm, 0.8s, mb4.4, pmax, pmax, TUC, Tucson, 82.67, 52, eP, P, 09 57 52.6 +0.8, F04A, Amboy, 82.67, 35, U P, P, 09 57 51.4 -0.1, X15A, Humboldt, 82.69, 49, U P, P, 09 57 52.3 +0.4, Z16A, Peralta Trail, 82.70, 51, U P, P, 09 57 52.4 +0.5, HOOD, Mount Hood Mea, 82.72, 36, eP, P, 09 57 51.1 -0.6, WVOR, Wild Horse Val, 82.75, 40, eP, Pmax, 09 57 51.9 0.0, WVOR, comp-Z, 1.8nm, 0.8s, mb4.7, pmax, pmax, WVOR, Wild Horse Val, 82.75, 40, eP, P, 09 57 51.9 -0.1, RSO, Redoubt South, 82.75, 12, eP, P, 09 57 50.4 -1.1, LVP, Lakeview Peak, 82.77, 35, P, P, 09 57 51.9 0.0, L08A, Fields, 82.79, 40, U P, P, 09 57 52.5 +0.4, VIPM, Ingram Point, 82.81, 37, P, P, 09 57 52.4 +0.2, T13A, Saint George, 82.82, 47, U P, P, 09 57 52.7 +0.3, NLWA, Neilton Lookou, 82.82, 34, U P, P, 09 57 52.6 +0.4, NLWA, Neilton Lookou, 82.82, 34, eP, P, 09 57 52.2 0.0, 117A, Oraclo, 82.83, 52, U P, P, 09 57 53.3 +0.7, 318A, Bisbee, 82.85, 53, U P, P, 09 57 53.4 +0.7, O10A, Cortez Mining, 82.86, 43, U P, P, 09 57 52.7 +0.2

Table with columns: Y16A, Circle Bar Ran, 82.93, 50, U P, P, 09 57 53.5 +0.5, P11A, Circle Ranch, 82.94, 44, U P, P, 09 57 53.2 +0.2, U14A, Mt Trumbull, 83.01, 47, U P, P, 09 57 54.0 +0.6, W15A, Williams, 83.02, 49, U P, P, 09 57 53.9 +0.5, R12A, Pony Springs, 83.03, 45, U P, P, 09 57 53.7 +0.2, TDL, Tradadolair La, 83.05, 35, P, P, 09 57 53.6 +0.2, Z18A, Dragon, 83.06, 53, U P, P, 09 57 54.6 +0.8, H06A, Lindquist Farm, 83.11, 37, U P, P, 09 57 53.7 +0.1, S13A, Holt Ranch, EN, 83.14, 46, U P, P, 09 57 54.5 +0.4, OSD, Olympics-Snow, 83.19, 33, P, P, 09 57 54.5 +0.5, I07A, Izeze, 83.20, 38, U P, P, 09 57 54.6 +0.4, X16A, Lo Mia Camp, P, 83.22, 50, U P, P, 09 57 55.3 +0.8, G06A, Carlson Farm, 83.24, 37, U P, P, 09 57 54.3 0.0, Q12A, Willow Creek R, 83.27, 44, U P, P, 09 57 54.7 +0.1, Y17A, Rosevelt, 83.30, 51, U P, P, 09 57 55.2 +0.2, O11A, Cowboy Ranch, 83.32, 43, U P, P, 09 57 55.1 +0.3, 319A, Doug, 83.35, 53, U P, P, 09 57 56.0 +0.8, Z17A, San Carlos Hig, 83.38, 51, U P, P, 09 57 55.7 +0.4, J08A, Circle Bar Ran, 83.38, 39, U P, P, 09 57 55.2 +0.2, R13A, O'Grain Ranch, 83.38, 46, U P, P, 09 57 55.5 +0.3, T14A, Hurricane, 83.40, 47, U P, P, 09 57 55.7 +0.3, V15A, Kaibab Nationa, 83.40, 48, U P, P, 09 57 56.1 +0.7, 118A, Homack Ranch, 83.44, 52, U P, P, 09 57 56.3 +0.7, P12A, McGil, 83.45, 44, U P, P, 09 57 55.5 0.0, H07A, Lands Inn, Kim, 83.46, 38, U P, P, 09 57 55.6 +0.1, CCUT, Cedar City, 83.46, 46, eP, P, 09 57 56.1 +0.5, W16A, Flagstaff, 83.50, 49, U P, P, 09 57 56.2 +0.3, LON, Longmire, 83.51, 35, eP, P, 09 57 55.0 -0.6, M10A, L.L. Ranch, Tu, 83.52, 42, U P, P, 09 57 56.4 +0.6, Z18A, Geronimo, 83.60, 52, U P, P, 09 57 57.2 +0.8, WPW, White Pass, 83.62, 35, P, P, 09 57 56.1 -0.1, U15A, North Rim, 83.63, 48, U P, P, 09 57 57.3 +0.8, N11A, Elko Archery C, 83.64, 43, U P, P, 09 57 56.8 +0.4, X17A, Forest Lakes, 83.64, 50, U P, P, 09 57 57.7 +1.0, GAMB, Gambell, 83.65, 3, eP, P, 09 57 55.8 -0.1, 219A, White Tail Can, 83.66, 53, U P, P, 09 57 57.3 +0.6, D05A, Enumclaw, 83.69, 35, U P, P, 09 57 57.0 +0.5, S14A, Cedar City, 83.70, 46, U P, P, 09 57 57.1 +0.2, Q13A, Wheeler Ranch, 83.75, 45, U P, P, 09 57 57.2 +0.1, G07A, Ruggs Ranch, H, 83.80, 37, U P, P, 09 57 57.0 -0.1, J09A, Fry Pan Ranch, 83.81, 40, U P, P, 09 57 57.3 +0.1, WUAZ, Wupatki, 83.82, 49, U P, P, 09 57 57.8 +0.3, E06A, Yakima, 83.84, 36, U P, P, 09 57 57.1 -0.2, PGC, Sidney, 83.84, 33, eP, P, 09 57 56.7 -0.6, T15A, Red Dirt Ranch, 83.86, 47, U P, P, 09 57 57.9 +0.2, L10A, Juniper Basin, 83.87, 41, U P, P, 09 57 57.9 +0.3, 320A, Kip Ranch, An, 83.90, 54, U P, P, 09 57 59.2 +1.2, ELK, Elko, 83.92, 43, eP, Pmax, 09 57 57.6 -0.2, ELK, comp-Z, 11nm, 1.0s, pmax, pmax, ELK, Elko, 83.92, 43, eP, P, 09 57 57.6 -0.2, Y18A, Canyon Day Jun, 83.93, 51, U P, P, 09 59 46.5 +4.3, H08A, Prairie City, 83.94, 38, U P, P, 09 57 57.7 -0.1, M11A, Holland Ranch, 83.94, 42, U P, P, 09 57 58.1 +0.2, BBB, Bella Bella, 83.97, 28, P, P, 09 57 57.2 -0.5, BBB, Bella Bella, 83.98, 43, U P, P, 09 57 57.2 -0.5, O12A, Currie, 83.98, 43, U P, P, 09 57 58.1 0.0, 119A, Ashpeak Ranch, 83.99, 52, U P, P, 09 57 58.7 +0.4, K10A, MacKenzie Ran, 84.02, 40, U P, P, 09 57 58.3 +0.1, P13A, Bat Ranch, G, 84.02, 44, U P, P, 09 57 58.4 +0.1, F07A, Phinny Hill Vi, 84.03, 37, U P, P, 09 57 58.3 0.0, N12A, Clover Valley, 84.10, 43, U P, P, 09 57 58.8 +0.1, N12A, Clover Valley, 84.10, 43, eP, P, 09 57 58.8 +0.1, 220A, Playas Peak, P, 84.17, 53, U P, P, 09 57 60.0 +0.7, I09A, Red Marbles R, 84.17, 39, U P, P, 09 57 58.8 -0.2, S15A, Panguitch, 84.21, 47, U P, P, 09 58 00.4 +1.0, G08A, Pilot Rock, 84.22, 37, U P, P, 09 57 59.4 +0.1, Z19A, T-Link Ranch, 84.27, 52, U P, P, 09 58 00.4 +0.6, Q14A, Sevier Lake (B, 84.27, 45, U P, P, 09 57 59.6 0.0, V17A, Tonalea, Nkyot, 84.28, 49, U P, P, 09 58 00.1 +0.3, U16A, Tuba City, 84.30, 48, U P, P, 09 58 00.2 +0.4, D06A, Cle Elum, 84.31, 35, U P, P, 09 57 59.6 0.0, JCW, Jim Creek, 84.34, 34, eP, P, 09 57 59.5 -0.2, X16A, Wells, 84.35, 50, U P, P, 09 58 00.6 +0.4, L11A, Cat Creek Ranc, 84.37, 41, U P, P, 09 58 00.2 +0.2, 120A, U Bar Ranch, L, 84.39, 53, U P, P, 09 58 01.1 +0.7, O13A, Hicks Ranch, I, 84.40, 44, U P, P, 09 58 00.9 +0.7, J10A, Berg Farm, Mel, 84.44, 40, U P, P, 09 58 00.3 -0.1, T16A, Glen Canyon Da, 84.45, 48, U P, P, 09 58 00.9 +0.4, E07A, Sunnyside, 84.47, 36, U P, P, 09 58 00.4 0.0, R12A, Wells, 84.48, 42, U P, P, 09 58 00.5 -0.1, M17A, Rattlesnake Hi, 84.52, 36, eP, P, 09 58 01.0 +0.4, K11A, Parker Ranch, 84.53, 41, U P, P, 09 58 00.9 +0.1, PMR, Palmer, 84.53, 13, U P, P, 09 57 59.3 -1.1, R15A, Junction, 84.54, 46, U P, P, 09 58 01.9 +0.9, HAWA, Hanford, 84.55, 36, eP, P, 09 58 00.6 -0.2, Y19A, Nutrioso, 84.59, 51, U P, P, 09 58 02.0 +0.7, H09A, Durkee, 84.61, 39, U P, P, 09 58 01.1 0.0

Table with columns: F08A, Pendleton, 84.62, 37, U P, P, 09 58 01.3 +0.1, N13A, Wendover, West, 84.64, 43, U P, P, 09 58 01.3 -0.1, N13A, Wendover, West, 84.64, 43, eP, P, 09 58 00.8 -0.6, Z20A, Nine Sixteen R, 84.68, 52, U P, P, 09 58 02.4 +0.6, P14A, Drum Mountains, 84.72, 45, U P, P, 09 58 01.9 +0.1, RPW, Rockport, 84.72, 34, eP, P, 09 58 00.9 -0.7, C06A, Tall Timber Ra, 84.73, 35, U P, P, 09 58 01.1 -0.6, MSU, Marysvale, 84.76, 46, eP, P, 09 58 02.4 +0.4, A05A, Maple Falls, 84.76, 33, U P, P, 09 58 01.2 -0.6, 221A, Mesquite Ranch, 84.78, 53, U P, P, 09 58 03.1 +0.8, B06A, Marblemount, 84.78, 34, U P, P, 09 58 01.5 -0.4, D07A, Quincy, 84.78, 36, U P, P, 09 58 02.1 +0.2, I10A, Payette, 84.79, 39, U P, P, 09 58 02.7 +0.7, L12A, House Creek Ra, 84.81, 42, U P, P, 09 58 02.3 +0.1, ETW, Entiat, 84.83, 35, P, P, 09 58 02.0 -0.2, U17A, Shonto, 84.85, 48, U P, P, 09 58 03.4 +0.8, Q15A, Fillmore, 84.87, 45, U P, P, 09 58 02.6 0.0, G09A, Cove, 84.89, 38, U P, P, 09 58 02.3 -0.2, DIV, Divide, 84.91, 15, eP, P, 09 58 01.1 -1.1, DIV, comp-Z, 4.4nm, 0.7s, mb5.2, ePP, P, 10 01 24.8 -2.7, BMO, Blue Mountains, 84.93, 39, eP, P, 09 58 02.2 -0.5, M13A, Montello, 84.93, 43, U P, P, 09 58 02.8 0.0, M13A, Montello, 84.93, 43, eP, P, 09 58 02.8 0.0, V18A, Ganado, 84.94, 49, U P, P, 09 58 03.2 +0.2, T17A, Navajo Res., N, 84.95, 48, U P, P, 09 58 03.5 +0.5, MFID, Camas Ranch, 85.01, 40, U P, P, 09 58 03.0 0.0, 121A, Cookes Peak, D, 85.01, 53, U P, P, 09 58 04.0 +0.6, C07A, Waterhole, 85.03, 35, U P, P, 09 58 02.7 -0.4, W19A, Sanders, 85.04, 50, U P, P, 09 58 03.7 +0.2, F09A, S2 Ranch, Elgi, 85.07, 38, U P, P, 09 58 03.5 +0.1, PPLA, Purkeypile, 85.09, 12, eP, P, 09 58 00.9 -2.1, H10A, Noah's Angus R, 85.11, 39, U P, P, 09 58 03.2 -0.4, R16A, Teasdale, 85.12, 46, U P, P, 09 58 04.1 +0.3, K12A, Draper Farm, C, 85.15, 41, U P, P, 09 58 04.1 +0.3, DUG, Dugway, 85.20, 44, U P, P, 09 58 03.7 -0.4, I11A, Placerville, 85.20, 40, U P, P, 09 58 03.8 -0.2, Y20A, Horse Springs, 85.21, 51, U P, P, 09 58 04.9 +0.5, S17A, Black Ridge (B, 85.26, 47, U P, P, 09 58 04.1 -0.4, D08A, Wolman Farm, 85.28, 36, U P, P, 09 58 04.2 -0.1, G10A, Bishop Farm, J, 85.28, 38, U P, P, 09 58 04.1 -0.3, N14A, Grayback Hills, 85.29, 44, U P, P, 09 58 04.3 -0.3, U18A, Rough Rock, Ch, 85.32, 49, U P, P, 09 58 04.7 -0.2, J12A, Stokes Ranch, 85.36, 41, U P, P, 09 58 05.2 +0.4, E09A, Wood Farm, Sta, 85.40, 37, U P, P, 09 58 05.2 +0.2, PNL, Peninsula, 85.41, 19, eP, P, 09 58 04.5 -0.2, X20A, comp-Z, 2.3nm, 0.5s, mb5.1, 85.42, 51, U P, P, 09 58 05.8 +0.4, Z21A, St. Cloud Mine, 85.45, 52, U P, P, 09 58 06.4 +0.8, L13A, Double Diamond, 85.46, 42, U P, P, 09 58 05.4 +0.1, B07A, Winthrop, 85.46, 34, U P, P, 09 58 04.9 -0.3, O15A, The Old Anders, 85.47, 44, U P, P, 09 58 05.7 +0.3, M14A, Sheep Mountain, 85.53, 43, U P, P, 09 58 05.5 -0.3, BJT, Bajiatuau, 85.53, 315, eP, Pmax, 09 58 06.4 +0.6, BJT, Bajiatuau, 85.53, 315, eP, P, 09 58 06.4 +0.6, BJT, Bajiatuau, 85.53, 315, eP, P, 09 58 06.4 +0.6, BJT, Beijing, 85.54, 315, P, S, 09 58 05.8 0.0, BJT, Beijing, 85.54, 315, P, S, 10 07 56.8 0.8, BJT, Beijing, 85.54, 315, P, S, 10 13 47.9 +0.6, BJT, comp-Z, 1.3nm, 0.6s, mb4.7, pmax, pmax, V19A, Window Rock, 85.57, 50, U P, P, 09 58 05.9 -0.1, OD2, Odessa Site #2, 85.59, 36, eP, P, 09 58 05.8 0.0, H11A, Donnelly, 85.61, 39, U P, P, 09 58 05.8 -0.3, F10A, Beach Ranch, E, 85.61, 38, U P, P, 09 58 05.5 -0.5, D09A, Jones Farm, Hi, 85.62, 36, U P, P, 09 58 05.8 -0.3, I12A, Atlanta, 85.64, 40, U P, P, 09 58 06.4 -0.8, TNA, Tin City, 85.64, 4, eP, P, 09 58 04.8 -0.8, TNA, comp-Z, 1.6nm, 0.7s, mb4.8, ePP, P, 09 59 54.6 +3.9, C08A, Higginbotham F, 85.64, 35, U P, P, 09 58 06.0 -0.1, Q16A, Castle Valley, 85.64, 46, U P, P, 09 58 07.2 +0.8, T18A, Mexican Hat, 85.66, 48, U P, P, 09 58 06.6 +0.1, K13A, Stover Farm, H, 85.67, 42, U P, P, 09 58 06.4 +0.1, 122A, Cornhill Cattle, 85.68, 53, U P, P, 09 58 07.7 +1.0, A07A, Ashnola River, 85.68, 34, U P, P, 09 58 06.0 -0.2, W20A, Ramo, 85.69, 50, U P, P, 09 58 07.0 +0.4, R17A, Hanksville Air, 85.71, 47, U P, P, 09 58 06.3 -0.3, U19A, Dine' College, 85.73, 49, U P, P, 09 58 06.9 +0.1, Y21A, Point of Rocks, 85.77, 52, U P, P, 09 58 07.8 +0.7, 223A, Chaparral, Ant, 85.80, 54, U P, P, 09 58 07.9 +0.6, TMTA, Trail Mountain, 85.81, 46, eP, P, 09 58 07.5 +0.4, B08A, Colville Reser, 85.82, 35, U P, P, 09 58 06.5 -0.5, S18A, Hurst Farm, BI, 85.85, 48, U P, P, 09 58 07.5 +0.2, L14A, Malta, 85.88, 43, U P, P, 09 58 07.2 -0.2, SEY, Sevmchan, 85.89, 347, eP, P, 09 58 05.7 -1.2, X21A, Alamocita Cree, 85.89, 51, U P, P, 09 58 08.0 +0.3, KTH, Kantissha Hill, 85.93, 12, eP, P, 09 58 05.0 -2.1, HLID, Hailey, 85.95, 41, U P, P, 09 58 07.8 +0.2, HLID, Hailey, 85.95, 41, U P, P, 09 58 07.8 +0.1, HLID, comp-Z, 1.0nm, 1.0s, mb4.4, 85.97, 37, U P, P, 09 58 07.9 +0.2, CHUM, Lake Minchumim, 85.97, 11, eP, P, 09 58 05.5 -1.9, J13A, Cove Ranch, PI, 86.01, 41, U P, P, 09 58 08.3 +0.3

V20A	baz=86, SNR=20	86.03	50	↑P	P	09 58 08.2	0.0
HVU	Hansel Valley	86.04	43	eP	Pmax	09 58 07.6	-0.6
HVU	comp=Z,5.0nm,0.6s,mb4.3						
HVU	Hansel Valley	86.04	43	eP	P	09 58 07.6	-0.6
O16A	Springville	86.07	45	↑P	P	09 58 08.6	+0.2
C09A	Chrisman Ranch	86.07	46	↑P	P	09 58 08.0	-0.2
T19A	Beclabito	86.11	49	↑P	P	09 58 09.3	+0.6
SRU	San Rafael	86.18	46	eP	P	09 58 08.6	-0.3
SRU	comp=Z,12nm,0.7s,mb4.6						
SRU	San Rafael	86.18	46	eP	P	09 58 08.7	-0.2
SRU	comp=Z,12nm,0.7s,mb4.6						
F11A	Grangeville	86.18	38	↑P	P	09 58 07.3	-1.5
K14A	Jones Ranch, D	86.18	42	↑P	P	09 58 08.6	-0.2
D10A	Wagner Farm, O	86.20	37	↑P	P	09 58 08.0	-0.7
P17A	Butcher Ranch, baz=86	86.21	46	↑P	P	09 58 09.7	+0.7
H12A	Diamond D Ranch	86.21	40	↑P	P	09 58 08.8	-0.2
R18A	Canyonslands Na	86.25	47	↑P	P	09 58 09.2	-0.1
324A	Moseley Ranch, baz=86, SNR=8.5	86.25	55	↑P	P	09 58 09.5	+0.0
JLU	Jordanelle	86.30	44	eP	P	09 58 08.8	-0.7
I13A	Wildhorse Cree	86.32	41	↑P	P	09 58 09.8	+0.3
LAZ	Ladron	86.35	52	eP	P	09 58 10.2	+0.4
425A	Indio Mountain	86.37	56	↑P	P	09 58 10.5	+0.5
J14A	Carey	86.38	41	↑P	P	09 58 10.2	+0.5
GYA	Gutwang	86.40	300	P	P	09 58 11.0	+0.7
GYA						10 00 03.3	+7.8
GYA						10 00 52.3	+8.6
GYA						10 01 41.8	+1.6
GYA						10 07 48.0	
GYA	comp=Z,10.0nm,1.0s,mb4.4						
GYA	comp=Z,7.0nm,5.7s						
L15A	Malad City	86.40	43	↑P	P	09 58 10.2	+0.3
E11A	Bogner Ranch, baz=87	86.41	38	↑P	P	09 58 08.4	-1.4
BPAW	Bear Paw Mtn, baz=87, SNR=16	86.42	12	eP	P	09 58 07.0	-2.5
Q18A	Rafter H Ranch, baz=87, SNR=5.1	86.44	46	↑P	P	09 58 09.6	-0.6
N16A	Rees Ranch, Co	86.45	44	↑P	P	09 58 10.3	+0.1
MNTX	Cornudas Mount	86.46	55	eP	P	09 58 10.5	+0.1
MCK	McKinley	86.49	13	eP	Pmax	09 58 08.2	-1.6
MCK	comp=Z,62nm,1.0s,mb5.2						
B09A	Rice	86.50	35	↑P	P	09 58 09.7	-0.5
626A	Big Bend Ranch, baz=87, SNR=13	86.51	57	↑P	P	09 58 10.9	+0.2
224A	Cornudas Mount	86.52	54	↑P	P	09 58 11.1	+0.4
O17A	Robinson Place, baz=87, SNR=26	86.57	45	↑P	P	09 58 11.0	+0.2
H13A	Challis	86.58	40	↑P	P	09 58 10.7	0.0
A09A	Danville	86.59	35	↑P	P	09 58 10.4	-0.1
BNM	Barren Site	86.61	52	eP	P	09 58 11.2	+0.1
C10A	Spiker Farm, baz=87	86.61	36	↑P	P	09 58 10.6	-0.2
P18A	Preston Nutter	86.62	46	↑P	P	09 58 11.3	+0.3
V21A	Milan	86.62	50	↑P	P	09 58 11.3	+0.2
F12A	Elk City	86.63	39	↑P	P	09 58 10.6	-0.3
325A	Bean Ranch, Si	86.64	55	↑P	P	09 58 11.3	0.0
R19A	Curley Farm, L	86.64	47	↑P	P	09 58 10.8	-0.0
K15A	Arbon	86.66	42	↑P	P	09 58 11.0	-0.1
MVCO	Mesa Verde	86.66	49	↑P	P	09 58 11.6	+0.4
MVCO	Mesa Verde	86.66	49	eP	P	09 58 11.2	0.0
LPM	Los Pinos Moun	86.68	52	↑P	P	09 58 11.5	+0.1
D11A	Klaveano Farm, baz=87, SNR=14	86.72	37	↑P	P	09 58 10.4	-0.9
HWUT	Hardware Ranch	86.73	44	eP	P	09 58 11.1	-0.4
I14A	Mackay	86.73	41	↑P	P	09 58 12.2	+0.8
526A	Mary Lane Ranch, baz=87, SNR=7.5	86.76	57	↑P	P	09 58 12.0	+0.1
TXAR	Lajitas Array	86.79	57	P	P	09 58 12.2	+0.1
E12A	Beaver Dam Sad, baz=87, SNR=6.5, SNR=77	86.81	38	↑P	P	09 58 11.0	-0.7
124A	Stringfield Ra	86.85	54	↑P	P	09 58 12.3	+0.1
W22A	Albuquerqueque	86.85	51	↑P	P	09 58 13.0	+0.8
N17A	Moffitt Pass	86.88	44	↑P	P	09 58 12.1	0.0
G13A	Cobalt	86.88	40	↑P	P	09 58 11.9	-0.2
HYT	Haines Junctio	86.90	19	eP	P	09 58 12.7	+0.9
B10A	Chitwood Farm, baz=87	86.93	36	↑P	P	09 58 12.1	-0.2
MENT	Montasta	86.96	15	eP	P	09 58 11.4	-0.6
NEW	Newport	86.97	36	eP	Pmax	09 58 11.4	-1.0
NEW	comp=Z,6.0nm,0.8s						
NEW	Newport	86.97	36	eP	P	09 58 11.4	-1.0
L16A	Fish Haven	87.02	43	↑P	P	09 58 12.5	-0.3
627A	Terlingua Ranc	87.06	57	↑P	P	09 58 13.5	+0.2
426A	McDonald Obser	87.07	56	↑P	P	09 58 13.6	+0.3
225A	Deer Hill, Car	87.07	54	↑P	P	09 58 13.6	+0.3
O18A	Roosevelt	87.09	45	↑P	P	09 58 13.0	-0.2
J15A	Blackfoot	87.09	42	↑P	P	09 58 13.6	+0.5
ANMO	Albuquerque	87.09	51	eP	Pmax	09 58 13.3	0.0
ANMO	comp=Z,5.0nm,0.8s						
ANMO	Albuquerque	87.09	51	eP	P	09 58 13.3	0.0
A10A	Northpo	87.15	35	↑P	P	09 58 13.0	-0.2
H14A	Leadore	87.15	40	↑P	P	09 58 13.6	+0.2
527A	Woodward Ranch	87.17	57	↑P	P	09 58 13.8	-0.1
F13A	Darby	87.19	39	↑P	P	09 58 13.2	-0.3
R20A	Redvale	87.21	48	↑P	P	09 58 13.2	-0.6
M17A	Scullys Gap (B)	87.25	44	↑P	P	09 58 13.3	-0.6
D12A	Red Ives Fores	87.29	37	↑P	P	09 58 13.4	-0.5
K16A	Soda Springs	87.33	42	↑P	P	09 58 14.5	+0.2
I15A	Montevieu	87.37	41	↑P	P	09 58 14.8	+0.4

S21A	Coal Bank Pass	87.37	48	↑P	P	09 58 14.6	0.0
326A	Caldwell Ranch, baz=88, SNR=7.2	87.38	55	↑P	P	09 58 14.4	-0.3
G14A	Jackson	87.42	40	↑P	P	09 58 14.9	+0.3
125A	Gardner Draw, baz=88	87.43	54	↑P	P	09 58 14.8	-0.2
GD12	Galadule Moun	87.46	55	eP	P	09 58 15.7	+0.6
628A	Black Gap, Mar	87.47	58	↑P	P	09 58 15.1	-0.1
P19A	Cripple Cowboy	87.48	46	↑P	P	09 58 15.2	+0.1
B11A	Sanicmit	87.48	36	↑P	P	09 58 14.6	-0.2
J16A	Bone	87.54	42	↑P	P	09 58 15.4	+0.2
MCMT	McKenzie Canyo	87.57	40	eP	P	09 58 15.5	+0.1
MCMT	comp=Z,11nm,0.7s,mb4.7						
C12B	Naegeli Ranch	87.58	37	eP	P	10 00 07.9	+7.0
H15A	Lima	87.59	41	↑P	P	09 58 15.9	+0.5
DLBC	Dease Lake	87.59	23	P	P	09 58 15.0	-0.1
DLBC	comp=Z,9.9nm,0.7s,mb4.7,baz=232,slow=4.3,SNR=25						
DLBC	Dease Lake	87.59	23	eP	P	09 58 15.2	+0.1
226A	Malaga Lovin	87.60	55	↑P	P	09 58 15.7	-0.1
M18A	Lyman	87.62	44	↑P	P	09 58 15.7	+0.1
Q20A	Ridgley Place, baz=88, SNR=5.7	87.62	47	↑P	P	09 58 15.4	-0.3
E13A	Victor	87.63	38	↑P	P	09 58 14.9	-0.7
427A	Hayter Ranch, baz=88, SNR=17	87.63	56	↑P	P	09 58 16.3	+0.3
N18A	Larsen Ranch, baz=88	87.66	45	↑P	P	09 58 15.7	-0.2
O19A	Miners Draw (B)	87.70	46	↑P	P	09 58 15.7	-0.3
T22A	Edith	87.70	49	↑P	P	09 58 16.0	-0.2
K17A	Gardner Place, baz=88, SNR=5.4	87.72	43	↑P	P	09 58 16.1	+0.1
COLA	College	87.72	12	eP	Pmax	09 58 13.9	-1.6
COLA	comp=Z,48nm,0.6s,mb5.4						
COLA	College	87.72	12	eP	P	09 58 13.9	-1.6
COLA	comp=Z,48nm,0.6s,mb5.4						
COLA	Wisdom	87.78	39	↑P	P	10 00 06.7	+5.5
F14A	De Beque	87.81	47	↑P	P	09 58 16.0	-0.6
D13A	Huson	87.82	38	↑P	P	09 58 16.2	-0.2
XAN	Xi'an	87.83	307	P	Pmax	09 58 17.8	+1.0
XAN	comp=Z,5.0nm,1.0s,mb4.2						
XAN	comp=Z,25nm,14.7s						
R21A	Cimarron	87.87	48	↑P	P	09 58 17.0	+0.1
L18A	Fourelle, Gr	87.88	44	↑P	P	09 58 16.7	-0.1
126A	Clayton Basin, baz=88	87.91	54	↑P	P	09 58 16.9	-0.3
I16A	Newdale	87.92	42	↑P	P	09 58 17.7	+0.7
B12A	Libby	87.93	36	↑P	P	09 58 16.8	-0.2
N19A	John Jarvie Ra	87.95	45	↑P	P	09 58 16.8	-0.4
G15A	Dillon	87.97	40	↑P	P	09 58 17.4	+0.2
E14A	Clinton	88.02	39	↑P	P	09 58 17.1	-0.3
BSMT	Bassoo Peak	88.04	37	eP	P	09 58 16.7	-0.7
C13A	Hot Springs	88.07	37	↑P	P	09 58 16.6	-1.0
428A	Kincaid Ranch, baz=88, SNR=8.6	88.14	56	↑P	P	09 58 18.1	-0.2
A12A	Yaak River Ran	88.15	36	↑P	P	09 58 17.8	-0.1
J17A	Brown Place, J	88.16	42	↑P	P	09 58 18.2	+0.1
CPRX	Cap Rock	88.19	54	eP	P	09 58 18.2	-0.4
O20A	White River Ci	88.22	46	↑P	P	09 58 18.4	-0.1
K18A	Tollan Ranch, baz=88, SNR=20	88.22	43	↑P	P	09 58 18.5	+0.1
M19A	Rock Springs	88.25	44	↑P	P	09 58 18.5	-0.1
JTMT	Jette	88.27	37	eP	P	09 58 17.2	-1.3
H1A	Hailar	88.29	325	eP	Pmax	09 58 17.4	-1.2
H1A	comp=Z,10.0nm,0.3s						
H1A	Hailar	88.29	325	eP	P	09 58 17.4	-1.1
SWMT	Swartz Lake	88.31	38	eP	P	09 58 18.2	-0.5
F15A	Butte	88.31	40	↑P	P	09 58 18.8	+0.1
LRM	Limekiln Ridge, baz=88, SNR=8.3	88.33	40	eP	P	09 58 18.7	-0.1
R22A	Sagehen, Gunn	88.36	48	eP	P		

16d 10h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ZALV, MKAR, KURK, etc.

2008 APR

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BRG, BRG, MORC, etc.

752

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NIED, ISCBJ, DDA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KHZ Kahutara, DSZ Denniston Nort, etc.

ISK 16 12:38:46.2, 37.60N, 30.03E, h23km, MD2.8
CSEM 16 12:38:47.1, 37.59N, 30.03E, h15km, MD2.8, Error
ellipse: s-maj=5.9km s-min=5.1km az=26.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ISPARTA, BUCK, GLHIS, etc.

CRAAG 16 12:45:01.1, 36.34N, 8.71E, M3.5
TUN 16 12:45:02.2, 36.50N, 8.52E, h10km, MD3.0
ISCJB 16 12:45:04.8, 0.8, 36.5N, 0.2, 8.44E, 0.05, h3km, 10km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GHAT, BLIT, KRIT, etc.

ISC 16 12:54:19.5, 1.7, 2.09S, 138.56E, h0km, mb3.6/8,
mb1 3.7/9, mb1mx3.6/17, mbtmpr3.6/9, ML3.6/1, MS3.1/1,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SMP1, BIAK, BAKI, etc.

ISCJB 16 12:54:22.0, 1.3, 2.21S, 0.06, 138.26E, 0.05, h20km, 11km,
mb3.6/7, Error ellipse: s-maj=10.2km s-min=8.0km

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

ISCJB 16 12:54:48.3, 0.4, 5.0, 28N, 0.03, 18.87E, 0.02, h0km, Error
ellipse: s-maj=4.0km s-min=2.2km az=12.7

ellipse: s-maj=31.2km s-min=8.4km az=133.0
IPEC 16 12:54:49.9, 0.2, 50.13N, 18.87E, h0km, ML2.7/3, Error
ellipse: s-maj=2.5km s-min=1.1km az=169.0

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

ISC 16 12:54:49.4, 0.3, 50.29N, 0.02, 18.90E, 0.02, h0km, n83,
#124/131, 21C, 7D, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MORC, LIKAVKA, NIEDZICA, etc.

ISC 16 12:54:01.0, 8.36S, 5N, 0.2, 8.44E, 0.05, h3km, 8km, n17,
#083/17, Tunisia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GHAT, BLIT, KRIT, etc.

ISC 16 12:54:19.5, 1.7, 2.09S, 138.56E, h0km, mb3.6/8,
mb1 3.7/9, mb1mx3.6/17, mbtmpr3.6/9, ML3.6/1, MS3.1/1,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SMP1, BIAK, BAKI, etc.

ISCJB 16 12:54:22.0, 1.3, 2.21S, 0.06, 138.26E, 0.05, h20km, 11km,
mb3.6/7, Error ellipse: s-maj=10.2km s-min=8.0km

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

ISCJB 16 12:54:48.3, 0.4, 5.0, 28N, 0.03, 18.87E, 0.02, h0km, Error
ellipse: s-maj=4.0km s-min=2.2km az=12.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BURAR, BUCOVINA ARRAY, etc.

IDC 16 12:55:34.6, 6.1, 1.20, 76S, 168.46E, h0km, mb4.2/9,
mb1 4.4/9, mb1mx4.3/16, mbtmpr4.2/9, MS3.2, Ms1 3.4/2,

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

ISC 16 12:55:37.9, 2.8, 20.7S, 0.1, 168.3E, 0.1, h24km, 20km,
n40, #086/27, mb4.2/11, MS3.3/2, Loyalty Islands

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

ISC 16 12:55:40.0, 0.8, 20.7S, 0.1, 168.3E, 0.1, h24km, 20km,
n40, #086/27, mb4.2/11, MS3.3/2, Loyalty Islands

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

ISC 16 12:55:40.0, 0.8, 20.7S, 0.1, 168.3E, 0.1, h24km, 20km,
n40, #086/27, mb4.2/11, MS3.3/2, Loyalty Islands

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

ISC 16 12:55:40.0, 0.8, 20.7S, 0.1, 168.3E, 0.1, h24km, 20km,
n40, #086/27, mb4.2/11, MS3.3/2, Loyalty Islands

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

ISC 16 12:58:02.1, 1.7, 31.26N, 0.06, 109.83E, 0.07, h9km, 9km,
mb3.8/5, Error ellipse: s-maj=12.1km s-min=7.7km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PLE, UPM, BRY, etc.

Table with columns: DAT, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Datca, KAS, KAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like mb4.3/18, MS4.0/10, etc.

CSEM 16 14:36:39.8, 36:30N-22:20E, h9km, MD3.6, After ATH
NEIC 16 14:36:39.8, 36:30N-22:20E, h9km, MD3.6(ATH), After ATH.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KYTH, VLI, ITH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EIDS, ARMA, URZ, etc.

ISCJB 16 14:43:57.3, 40:81N-05:39:70E, h12km, 8km, Error ellipse: s-maj=9.8km s-min=6.4km az=33.9
CSEM 16 14:43:57.1, 40:81N-39:70E, h10km, MD2.7, After ISK

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KOT, HAAG, HSAF, etc.

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

NEIC 16 14:45:17.8, 34:45S-70:01W, h8km, ML2.6(GUC), After GUC
GUC 16 14:45:17.8, 34:45S-70:01W, h8km, 999km, MD3.9, ML2.6, 3C-2D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ESDC, MDT, SCHO, etc.

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

DDA 16 14:45:41.0, 36:05N-28:12E, h30km, 2km, MD3.2
ISCJB 16 14:45:42.0, 36:02N-28:32E, h10km, 9km, Error ellipse: s-maj=5.7km s-min=5.2km az=172.0

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

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

ISCJB 16 15:15:51.3, 20:65S-107:168E, h21km, 22km,

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res. Includes stations like KHC, GERES, MOA, MEM, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res. Includes stations like SUTC, SUTC, BODT, BODL, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res. Includes stations like HWA, TWC, ESL, etc.

ISK 16 15:28:12.2, 36.99N-29.19E, h5km, ML3.6

DDA 16 15:28:12.5, 36.99N-29.12E, h0km, mb3/5, m1 3.7/1.1, mb1mx3.6/2.7, mbtmp3.6/1.1, MLJ-7.6, MS2.7/1, Ms1 2.8/1, ms1mx2.1/3.4, Error ellipse: s-maj=1.8,7km s-min=17.0km az=148.0

ISCJUB 16 15:28:13.5, 0.4, 36.99N-0.02, 29.21E, 0.02, h63km, 3km, mb3.6/5, Error ellipse: s-maj=3.1km s-min=2.3km az=164.5

CSEM 16 15:28:13.8, 0.1, 36.99N-29.21E, h2km, ML3.6, Error ellipse: s-maj=3.2km s-min=2.5km az=167.0

THE 16 15:28:16.1, 37.05N-29.21E, h2km, 1km, ML4.2/2, Error ellipse: s-maj=1.8km s-min=0.9km az=119.0

NEIC 16 15:28:17.4, 3.0, 37.00N-29.25E, h32km, 28km, MD3.4(ISK), ML3.5(ATH), Error ellipse: s-maj=10.5km s-min=8.5km az=153.0

ISC 16 15:28:14.0, 0.4, 36.99N-0.02, 29.22E, 0.02, h2km, 3km, n152, s1908/196, mb3.6/5, Turkey

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res. Includes stations like GLHS, FETHI, TURUNC, etc.

ISCJUB 16 15:29:27.0, 0.3, 24.10N-0.02, 122.16E, 0.02, h33km, Error ellipse: s-maj=2.8km s-min=2.1km az=150.7

TAP 16 15:29:27.4, 0.2, 24.09N-122.14E, h32km, ML3.0, D.2

JMA 16 15:29:27.9, 0.2, 24.31N-122.16E, h63km, MD2

ISC 16 15:29:27.9, 0.4, 24.11N-0.02, 122.16E, 0.02, h32km, 3km, n50, s0829/1, 3C, Taiwan region

ISCJUB 16 15:29:27.0, 0.3, 24.10N-0.02, 122.16E, 0.02, h33km, Error ellipse: s-maj=2.8km s-min=2.1km az=150.7

TAP 16 15:29:27.4, 0.2, 24.09N-122.14E, h32km, ML3.0, D.2

JMA 16 15:29:27.9, 0.2, 24.31N-122.16E, h63km, MD2

ISC 16 15:29:27.9, 0.4, 24.11N-0.02, 122.16E, 0.02, h32km, 3km, n50, s0829/1, 3C, Taiwan region

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

ISCJUB 16 15:29:27.0, 0.3, 24.10N-0.02, 122.16E, 0.02, h33km, Error ellipse: s-maj=2.8km s-min=2.1km az=150.7

TAP 16 15:29:27.4, 0.2, 24.09N-122.14E, h32km, ML3.0, D.2

JMA 16 15:29:27.9, 0.2, 24.31N-122.16E, h63km, MD2

ISC 16 15:29:27.9, 0.4, 24.11N-0.02, 122.16E, 0.02, h32km, 3km, n50, s0829/1, 3C, Taiwan region

ISCJUB 16 15:29:27.0, 0.3, 24.10N-0.02, 122.16E, 0.02, h33km, Error ellipse: s-maj=2.8km s-min=2.1km az=150.7

TAP 16 15:29:27.4, 0.2, 24.09N-122.14E, h32km, ML3.0, D.2

JMA 16 15:29:27.9, 0.2, 24.31N-122.16E, h63km, MD2

ISC 16 15:29:27.9, 0.4, 24.11N-0.02, 122.16E, 0.02, h32km, 3km, n50, s0829/1, 3C, Taiwan region

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

CSEM 16 15:49:09.8, 0.2, 38.40N-38.16E, h8km, MD2.8, Error ellipse: s-maj=4.6km s-min=3.6km az=54.0

DDA 16 15:49:09.9, 38.28N-38.17E, h7km, 14m, Md2.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MRZ, TIWZ, OTAKI Gorge, etc.

IDC 16:16:42:25.4+2.1, 2.78N-95.78E, h0km, mb3.4/5, mb1 3.5/7, mb1mx3.4/23, mbtmp3.3/7, ML3.2/2, MS3.3/2, Mst1 3.3/2, ms1mx2.5/19, Error ellipse: s-maj=66.1km s-min=20.9km az=57.0

NEIC 16:16:42:31.5+1.0, 2.89N-96.02E, h35km, mb4.2/1, Error ellipse: s-maj=21.7km s-min=11.7km az=59.0

DJA 16:16:42:32.3+0.9N-96.10E, h20km, mb3.3/3, MS3.3/3, ISCJB 16:16:42:33.1+1.3, 3.05N-0.09, 96.2E, 0.1, h61km, 11km, mb3.6/6, Error ellipse: s-maj=24.4km s-min=8.0km az=146.9

ISC 16:16:42:34.0+1.4, 3.03N-0.09, 96.2E, 0.1, h53km, 11km, n19, o#68/19, mb3.6/6, MS3.3/2, 2C, Northern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GSI, LHMI, BSI, etc.

IDC 16:16:49:37.6+0.7, 5.37N-126.16E, h0km, mb4.1/5, mb1 4.2/5, mb1mx4.1/23, mbtmp4.1/15, MS3.3/7, Mst1 3.3/7, ms1mx3.1/22, Error ellipse: s-maj=39.7km s-min=12.1km az=74.0

DJA 16:16:49:43.5+4.0N-126.29E, h4km, mb5.1, ML4.0, MS4.2, MAN 16:16:49:45.0+4.0N-126.54E, h20km, mb4.6/10, NEIC 16:16:49:45.0+0.9, 5.40N-126.24E, h59km, 8km, mb4.4/5, Error ellipse: s-maj=14.6km s-min=4.8km az=75.0

BUI 16:16:49:48.5+6.01N-125.99E, h47km, mb4.6/3, mb4.6/5, Ms4.3/1, Mst7 4.0/1

ISC 16:16:49:49.0+8.5, 41N-0.03, 126.36E, 0.06, h20km, 5km, n67, #14/74, mb4.3/25, MS3.3/6, 1C-3D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MATI, GSPH, DAV, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NLAI, TTPI, KATI, etc.

GUC 16:17:07:17.0+7.6, 22.91S-67.20W, h242km, 7km, ML3.7, 3C-2D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LVC, PB04, CEN1, etc.

ATH 16:17:08:03.6+36.89N-27.02E, h77km, ISK 16:17:08:04.9+37.11N-27.56E, h7km, MD2.9, DDA 16:17:08:04.4+37.09N-27.59E, h8km, 4km, MD3.0, ISCJB 16:17:08:05.4+0.4, 37.11N-0.03, 27.56E, 0.03, h7km, 4km, Error ellipse: s-maj=4.9km s-min=3.9km az=19.4

CSEM 16:17:08:05.2+0.2, 37.13N-27.06E, h2km, MD2.9, Error ellipse: s-maj=6.3km s-min=4.6km az=30.0

ISC 16:17:08:05.8+0.4, 37.11N-0.03, 27.55E, 0.03, h9km, 4km, n35, #877/48, Turkey

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARG, IZM, FETY, etc.

DJA 16:17:33:16.0, 0.07N-120.23E, h30km, MLV3.4/7, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MPSI, PCI, AMpana, etc.

JMA 16:17:43:17.0+3.3, 44.01N-148.34E, h0km, M3.8, Kuril Islands

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

IDC 16:18:10:43.6+6.4, 14.56N-91.79W, h92km, 35km, mb3.5/2, mb1 3.7/5, mb1mx3.4/22, mbtmp3.3/5, Error ellipse: s-maj=71.5km s-min=26.0km az=157.0

MEX 16:18:10:46.7+0.4, 14.62N-92.11W, h103km, 3km, MD3.9, NEIC 16:18:10:46.7, 14.62N-92.11W, h103km, MD3.9 (MEX), After MEX.

ISC 16:18:10:44.1+4.1, 14.63N-91.09, 92.03W-0.07, h107km, 7km, n14, #096/24, mb3.8/2, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like THIG, PCIG, CCIG, etc.

MEX 16:18:19:33.1+7.1, 5.89N-93.62W, h106km, 11km, MD3.8, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PCIG, TGIG, CCIG, etc.

NIED 16:18:27:00.25+30N-122.70E, h140km, Mw4.2 Best double couple: M=2.61000x10^15, N1=143.00000, 852.00000, lambda=55.00000, N2=274.00000, 850.00000, lambda=127.00000

IDC 16:18:27:31.8+3.1, 25.44N-122.78E, h196km, 32km, mb3.0/7, mb1 3.1/7, mb1mx3.0/23, mbtmp3.0/7, Error ellipse: s-maj=31.8km s-min=14.9km az=63.0

NEIC 16:18:27:32.9+0.5, 25.37N-122.66E, h202km, 5km, MG3.8 (JMA), Error ellipse: s-maj=11.1km s-min=10.8km az=95.0

TAP 16:18:27:32.9+25.19N-122.88E, h197km, ML4.2, D ISCJB 16:18:27:33.0+0.4, 25.18N-122.77E, 0.02, h204km, 3km, mb3.1/7, Error ellipse: s-maj=6.3km s-min=3.0km az=157.5

JMA 16:18:27:35.3+0.2, 25.31N-122.66E, h180km, M3.8, ISC 16:18:27:33.5+0.3, 25.20N-122.58E, 0.02, h203km, 3km, n78, #891/128, mb3.1/7, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TWB1, TWB1.

THN	Thein Dam	51.64 284	eP	P	19 28 27.1	+0.7
DAWY	Dawson	51.71 34	eP	x	19 28 29.2	
PSI	Prapat	51.94 236	eP	P	19 28 28.7	-0.1
PSI	Prapat	51.94 236	eP	P	19 28 29.1	+0.3
PSI	comp=Z,46nm,0.9s,mb5.1,baz=21,slow=4.1,SNR=38		ScP	ScP	19 33 18.6	-1.3
KAKA	Kakadu	52.00 189	iP	P	19 28 28.1	-1.0
KAKA	Kakadu	52.00 189	eP	P	19 28 27.7	-1.4
BISR	Bishrahk	52.11 278	eP	P	19 28 30.5	+0.6
BISR	comp=Z,509nm,1.0s,mb5.1		Amb	AMB	19 28 31.9	
NDI	New Delhi	52.23 279	iP	P	19 28 29.0	-1.8
NDI	comp=Z,25nm,1.0s,mb4.8				19 35 40.0	
AGRA	Agra	52.38 277	eP	x	19 28 31.6	-0.3
AGRA	comp=Z,337nm,1.9s,mb5.6		Amb	AMB	19 28 34.1	
AYAN	Aya Nagar	52.40 279	eP	P	19 28 32.3	+0.3
AYAN	comp=Z,213nm,1.1s,mb5.7		Amb	AMB	19 28 33.9	
SONA	Sohna	52.54 278	eP	Amb	19 28 33.5	+0.4
SONA	comp=Z,266nm,0.8s,mb6.0		Amb	AMB	19 28 35.0	
PNL	Peninsula	52.74 39	eP	P	19 28 34.1	0.0
COEN	Coen	52.84 176	eP	P	19 28 34.7	-0.6
COEN	comp=Z,951nm,0.9s,mb6.5				19 28 36.2	+1.0
SVE	Sverdiolovsk	52.89 317	iP	S	19 35 52.7	+1.9
SVE	comp=Z,221nm,0.6s,mb6.0		eSS	SS	19 39 29.4	-2.0
SVE	comp=Z,770nm,0.9s,mb6.4		eSSS	SSS	19 41 26.0	
SVE	comp=Z,770nm,0.9s,mb6.4		pmax	pmax		
INK	Inuvik	53.09 28	eP	P	19 28 36.6	+0.1
INK	comp=Z,108nm,0.7s		iPP	pP	19 29 15.1	+0.5
INK	comp=Z,33nm,0.7s		pmx	pmx		
INK	comp=Z,33nm,0.7s		pmx	pmx		
INK	Inuvik	53.09 28	eP	P	19 28 36.6	+0.1
INK	comp=Z,108nm,0.7s,mb5.7,baz=299,slow=7.2,SNR=301		pP	pP	19 29 15.1	+0.5
INK	comp=Z,33nm,0.7s,baz=269,slow=9.2,SNR=3.5		eP	P	19 28 36.4	-0.1
INK	comp=Z,100nm,0.7s,mb5.7		eP	P	19 28 44.2	
KHET	Khetri	53.61 279	eP	Amb	19 28 41.2	+0.3
KHET	comp=Z,259nm,1.8s,mb5.7		Amb	AMB	19 28 44.2	
SOKR	Solkamsk	54.04 321	iP	S	19 28 43.9	+0.3
SOKR	comp=Z,100nm,0.7s,mb5.7		S	S	19 36 07.6	+1.3
SOKR	comp=Z,260nm,0.9s,mb6.0		SSS	SSS	19 41 57.5	
SOKR	comp=Z,260nm,0.9s,mb6.0		pmx	pmx		
SOKR	comp=Z,690nm,17.0s		MLR	MLR		
ARU	Arti	54.10 317	P	P	19 28 44.9	+0.9
ARU	comp=Z,4um,0.5s					
ARU	Arti	54.10 317	eP	P	19 28 44.4	+0.4
ARU	comp=Z,636nm,0.9s,mb5.3		iPP	pP	19 29 20.1	-2.2
ARU	Pallekele	61.76 256	eP	S	19 29 35.5	-5.3
ARU	comp=Z,420nm,1.1s,mb6.2,SNR=9.5		eP	S	19 29 48.5	
ARU	Pallekele	61.76 256	eP	S	19 30 45.3	
ARU	comp=Z,120nm,1.1s,mb6.5		eP	S	19 31 57.3	
ARU	comp=Z,120nm,1.1s,mb6.5		eP	S	19 36 09.1	+1.9
ARU	comp=Z,121nm,1.1s,mb6.5		eP	S	19 37 01.1	-2.8
ARU	comp=Z,121nm,1.1s,mb6.5		eP	S	19 38 12.7	
ARU	Arti	54.10 317	eP	P	19 28 44.3	+0.2
ARU	comp=Z,636nm,0.9s,mb5.3					
NGP	Nagpur	54.69 270	iP	x	19 28 45.0	
NGP	comp=Z,463nm,1.3s		ix	x	19 28 46.8	
NGP	Skagway	54.78 38	eP	x	19 36 09.5	
NGP	comp=Z,145nm,1.3s,mb5.5		x	x	19 28 50.1	+1.2
BHPL	Bhopal	54.83 273	eP	P	19 28 49.7	-0.1
BHPL	comp=Z,342nm,1.6s,mb5.8		Amb	AMB	19 28 53.5	
AJM	Ajmer	55.30 278	eP	P	19 28 53.0	-0.1
AJM	comp=Z,304nm,1.4s,mb5.8		Amb	AMB	19 28 53.5	
AJM	Kipapa	55.34 89	eP	P	19 28 55.5	
KIP	Kipapa	55.34 89	eP	P	19 28 53.4	-0.1
KIP	comp=Z,150nm,0.9s,mb5.7		pmx	pmx		
KIP	Kipapa	55.34 89	eP	P	19 28 53.4	-0.1
KIP	comp=Z,149nm,0.8s,mb5.8		pmx	pmx		
ABKAR	Abdulak array	55.79 309	eP	P	19 28 56.2	0.0
ABKAR	comp=Z,0.4nm,0.3s					
HYB	Hyderabad	57.19 266	eP	P	19 29 05.0	-1.6
HYB	comp=Z,612nm,0.9s,mb6.4		pmx	pmx		
HYB	Hyderabad	57.19 266	iP	P	19 29 05.0	-1.6
HYB	comp=Z,120nm,1.0s,mb5.7					
HYB	Hyderabad	57.19 266	eP	P	19 30 02.0	+2.8
HYB	comp=Z,86nm,0.5s,mb5.8		ePcP	PcP	19 31 16.0	+0.7
HYB	Craig	57.30 43	eP	P	19 38 04.0	-5.0
HYB	comp=Z,45nm,0.6s,mb6.2		PP	S	19 38 04.0	-5.0
HYB	Dease Lake	57.32 38	P	P	19 38 32.0	
HYB	comp=Z,149nm,0.8s,mb5.8		e	S	19 39 04.0	-5.0
HYB	Dease Lake	57.32 38	P	P	19 39 04.0	-5.0
HYB	comp=Z,149nm,0.8s,mb5.8		e	S	19 38 32.0	
HYB	Hyderabad	57.19 266	eP	P	19 29 05.0	-1.6
HYB	comp=Z,86nm,0.5s,mb5.8		eP	P	19 29 05.0	-1.6
CRAIG	Craig	57.30 43	eP	P	19 29 07.4	+0.6
CRAIG	comp=Z,45nm,0.6s,mb6.2					
DLBC	Dease Lake	57.32 38	P	P	19 29 10.9	+1.3
DLBC	comp=Z,36nm,0.9s,mb5.2,baz=287,slow=8.4,SNR=33					
DLBC	Dease Lake	57.32 38	P	P	19 29 10.6	+0.9
JASL	Jaisalmer	57.95 280	eP	P	19 29 12.4	+0.6
JASL	comp=Z,256nm,0.6s,mb6.2		Amb	AMB	19 29 14.2	
ALR	Alert	58.15 3	P	P	19 29 12.0	-0.4
ALR	comp=Z,794nm,0.8s,mb6.6,SNR=71					
LATR	Latur	58.16 269	eP	P	19 29 13.0	-0.4
POHA	Pohakuloa	58.20 90	eP	P	19 29 14.4	+0.8
SPB4	Spitsbergen Ar	58.31 348	eP	P	19 29 13.4	-0.2
FITZ	Fitzroy Crossi	58.44 196	eP	P	19 29 14.9	-0.2
FITZ	comp=Z,256nm,0.6s,mb6.2					
FITZ	Fitzroy Crossi	58.44 196	eP	P	19 29 53.9	-0.1
FITZ	comp=Z,14nm,0.5s,mb5.1,baz=14,slow=5.9,SNR=118		eP	pP	19 37 03.3	-1.8
FITZ	comp=Z,18nm,0.7s,baz=49,slow=5.6,SNR=3.6		eP	pP	19 29 15.0	-0.2
FITZ	Fitzroy Crossi	58.44 196	eP	P	19 29 53.9	0.0
FITZ	comp=Z,14nm,0.5s,mb5.1,baz=14,slow=5.9,SNR=118		S	S	19 37 02.6	-2.5
FITZ	comp=Z,18nm,0.7s,baz=49,slow=5.6,SNR=3.6		S	S	19 29 14.9	-0.2
FITZ	Fitzroy Crossi	58.44 196	eP	P	19 28 55.5	-1.9
FITZ	comp=Z,14nm,0.5s,mb5.1,baz=14,slow=5.9,SNR=118		S	S	19 29 15.3	
FITZ	comp=Z,18nm,0.7s,baz=49,slow=5.6,SNR=3.6		S	S	19 37 07.0	+3.0
KBS	Kingsbay	58.46 350	eP	P	19 29 15.2	+0.6
KBS	comp=Z,170nm,1.0s,mb5.8		eP	P	19 29 15.0	+0.5
KBS	Kingsbay	58.46 350	eP	P	19 29 15.0	+0.5
KBS	comp=Z,170nm,1.0s,mb5.8		eP	P	19 29 15.0	+0.5
KBS	Kingsbay	58.46 350	eP	P	19 29 17.0	-1.5
WRAB	Tennant Creek	58.93 186	P	P	19 29 17.3	-1.2
WRAB	comp=Z,779nm,0.9s,mb6.5,SNR=95		ePP	pP	19 29 56.4	-1.0
WRAB	Tennant Creek	58.93 186	eP	P	19 29 17.3	-1.2
WRAB	comp=Z,151nm,1.0s,mb5.8		pmx	pmx		
WRAB	Tennant Creek	58.93 186	eP	P	19 29 17.3	-1.2
WRAB	comp=Z,151nm,1.0s,mb5.8					
WRAB	Warramunga Arr	58.94 186	eP	P	19 29 56.4	-0.9
WRAB	comp=Z,172nm,1.0s,mb5.8		eP	P	19 29 17.5	-1.1
WRA	Warramunga Arr	58.94 186	eP	P	19 29 56.1	-1.3
WRA	comp=Z,77nm,0.6s,mb5.7,baz=5.2,slow=7.2,SNR=476		iPP	pP	19 29 56.1	-1.3
WRA	Warramunga Arr	58.94 186	eP	P	19 29 56.1	-1.3
WRA	comp=Z,95nm,1.0s,baz=3.7,slow=7.2,SNR=6.6		S	S	19 37 07.3	-4.2
WRA	Warramunga Arr	58.94 186	eP	P	19 29 56.1	-1.3
WRA	comp=Z,4.3nm,1.0s,baz=4.3,slow=11,SNR=9.8		P	P	19 58 56.6	
WRA	Warramunga Arr	58.94 186	eP	P	19 29 17.5	-1.1
WRA	comp=Z,2.1nm,1.0s,baz=20.1,slow=2.1,SNR=5.2		P	P	19 29 56.1	-1.3
WRA	Warramunga Arr	58.94 186	eP	P	19 37 07.3	-4.2
WRA	comp=Z,95nm,1.0s,baz=3.7,slow=7.2,SNR=6.6		S	S	19 37 07.3	-4.2
WRA	Warramunga Arr	58.94 186	eP	P	19 58 56.6	
WRA	comp=Z,2.1nm,1.0s,baz=20.1,slow=2.1,SNR=5.2		PKP2bc	S	19 29 17.5	-1.1
WRA	Warramunga Arr	58.94 186	eP	P	19 29 56.1	-1.3
WRA	comp=Z,95nm,1.0s,baz=3.7,slow=7.2,SNR=6.6		S	S	19 37 07.3	-4.2
WRA	Warramunga Arr	58.94 186	eP	P	19 58 56.6	
WRA	comp=Z,2.1nm,1.0s,baz=20.1,slow=2.1,SNR=5.2		PKP2bc	S	19 29 17.5	-1.1
WRA	Warramunga Arr	58.94 186	eP	P	19 29 56.1	-1.3
WRA	comp=Z,95nm,1.0s,baz=3.7,slow=7.2,SNR=6.6		S	S	19 37 07.3	-4.2
WRA	Warramunga Arr	58.94 186	eP	P	19 58 56.6	
WRA	comp=Z,2.1nm,1.0s,baz=20.1,slow=2.1,SNR=5.2		PKP2bc	S	19 29 17.5	-1.1
WRA	Warramunga Arr	58.94 186	eP	P	19 29 56.1	-1.3
WRA	comp=Z,95nm,1.0s,baz=3.7,slow=7.2,SNR=6.6		S	S	19 37 07.3	-4.2
WRA	Warramunga Arr	58.94 186	eP	P	19 58 56.6	
WRA	comp=Z,2.1nm,1.0s,baz=20.1,slow=2.1,SNR=5.2		PKP2bc	S	19 29 17.5	-1.1
WRA	Warramunga Arr	58.94 186	eP	P	19 29 56.1	-1.3
WRA	comp=Z,95nm,1.0s,baz=3.7,slow=7.2,SNR=6.6		S	S	19 37 07.3	-4.2
WRA	Warramunga Arr	58.94 186	eP	P	19 58 56.6	
WRA	comp=Z,2.1nm,1.0s,baz=20.1,slow=2.1,SNR=5.2		PKP2bc	S	19 29 17.5	-1.1
WRA	Warramunga Arr	58.94 186	eP	P	19 29 56.1	-1.3
WRA	comp=Z,95nm,1.0s,baz=3.7,slow=7.2,SNR=6.6		S	S	19 37 07.3	-4.2
WRA	Warramunga Arr	58.94 186	eP	P	19 58 56.6	
WRA	comp=Z,2.1nm,1.0s,baz=20.1,slow=2.1,SNR=5.2		PKP2bc	S	19 29 17.5	-1.1
WRA	Warramunga Arr	58.94 186	eP	P	19 29 56.1	-1.3
WRA	comp=Z,95nm,1.0s,baz=3.7,slow=7.2,SNR=6.6		S	S	19 37 07.3	-4.2
WRA	Warramunga Arr	58.94 186	eP	P	19 58 56.6	
WRA	comp=Z,2.1nm,1.0s,baz=20.1,slow=2.1,SNR=5.2		PKP2bc	S	19 29 17.5	-1.1
WRA	Warramunga Arr	58.94 186	eP	P	19 29 56.1	-1.3
WRA	comp=Z,95nm,1.0s,baz=3.7,slow=7.2,SNR=6.6		S	S	19 37 07.3	-4.2
WRA	Warramunga Arr	58.94 186	eP	P	19 58 56.6	
WRA	comp=Z,2.1nm,1.0s,baz=20.1,slow=2.1,SNR=5.2		PKP2bc	S	19 29 17.5	-1.1
WRA	Warramunga Arr	58.94 186	eP	P	19 29 56.1	-1.3
WRA	comp=Z,95nm,1.0s,baz=3.7,slow=7.2,SNR=6.6		S	S	19 37 07.3	-4.2
WRA	Warramunga Arr	58.94 186	eP	P	19 58 56.6	
WRA	comp=Z,2.1nm,1.0s,baz=20.1,slow=2.1,SNR=5.2		PKP2bc	S	19 29 17.5	-1.1
WRA	Warramunga Arr	58.94 186	eP	P	19 29 56.1	-1.3
WRA	comp=Z,95nm,1.0s,baz=3.7,slow=7.2,SNR=6.6		S	S	19 37 07.3	-4.2
WRA	Warramunga Arr	58.94 186	eP	P	19 58 56.6	
WRA	comp=Z,2.1nm,1.0s,baz=20.1,slow=2.1,SNR=5.2		PKP2bc	S	19 29 17.5	-1.1
WRA	Warramunga Arr	58.94 186	eP	P	19 29 56.1	-1.3
WRA	comp=Z,95nm,1.0s,baz=3.7,slow=7.2,SNR=6.6		S	S	19 37 07.3	-4.2
WRA	Warramunga Arr	58.94 186	eP	P	19 58 56.6	
WRA	comp=Z,2.1nm,1.0s,baz=20.1,slow=2.1,SNR=5.2		PKP2bc	S	19 29 17.5	-1.1
WRA	Warramunga Arr	58.94 186	eP	P	19 29 56.1	-1.3
WRA	comp=Z,95nm,1.0s,baz=3.7,slow=7.2,SNR=6.6		S	S	19 37 07.3	-4.2
WRA	Warramunga Arr	58.94 186	eP	P	19 58 56.6	

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like Longmire, Nelson Butte, White Pass, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like Didziasalis, Madar, Minsk, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like Kiev, MSO, WWOR, etc.

BHD	Baghdad	73.81	300	eP	P	19 30 46.0	-7.0
M10A	L.L. Ranch, Tu	73.83	50	↑P	P	19 30 53.9	+0.9
	baz=74						
DIYA	Diyarbakir	73.83	306	i P	P	19 30 53.7	+0.6
G15A	Dillon	73.86	45	↑P	P	19 30 53.3	+0.2
	baz=74						
MCMT	McKenzie Canyo	73.87	45	eP	P	19 30 52.9	-0.3
	comp=Z,11nm,0.7s,mb4.7						
L11A	Cat Creek Ranc	73.89	49	↑P	P	19 30 54.0	+0.7
	baz=74						
E17A	Martinsdale	73.91	43	↑P	P	19 30 53.9	+0.6
	baz=74						
F16A	Kenard Place,	73.93	44	↑P	P	19 30 53.7	+0.2
	baz=74						
SFJD	Kangerlussuaq	73.94	4	i P	P	19 30 52.7	-0.5
SFJD	comp=Z,89nm,0.8s,mb5.5						
SFJD	comp=Z,190nm,20.0s				MLR	MLR	
SFJD	Kangerlussuaq	73.94	4	i P	P	19 30 52.7	-0.5
	comp=Z,89nm,0.8s,mb5.5						
SFJD	comp=Z,190nm,20.0s						
SFJD	Kangerlussuaq	73.94	4	eP	P	19 30 52.6	-0.6
	comp=Z,92nm,0.8s,mb5.6						
D18A	Linhart Farms,	73.98	42	↓P	P	19 30 54.1	+0.3
	baz=74						
QRN	Al-Qurain	74.01	294	eP	P	19 30 54.1	-0.2
QRN	comp=Z,874nm,1.0s,mb6.4						
BOZ	Bozeman (W)	74.02	44	eP	P	19 30 54.3	+0.3
BOZ	comp=Z,143nm,0.7s,mb5.8						
BOZ	Bozeman (W)	74.02	44	↑P	P	19 30 54.3	+0.3
	baz=74						
BOZ	Bozeman (W)	74.02	44	eP	P	19 30 54.3	+0.3
	comp=Z,143nm,0.7s,mb5.8						
BOZ	Kemaliye	74.03	308	i P	P	19 31 34.7	+0.2
J13A	Cove Ranch, Pi	74.03	47	↑P	P	19 30 54.9	+0.7
	baz=74						
MUN	Mundaring	74.07	201	eP	P	19 30 53.6	-0.7
MUN	comp=Z,280nm,1.1s,mb5.9						
BMN	Battle Mountai	74.09	51	eP	P	19 30 55.2	+0.7
BMN	comp=Z,239nm,1.1s,mb5.8						
BMN	Battle Mountai	74.09	51	eP	P	19 30 55.2	+0.6
	comp=Z,239nm,1.1s,mb5.8						
BMN	Draper Farm, C	74.09	48	↑P	P	19 31 35.2	+0.2
K12A	comp=Z,339nm,1.2s,mb5.6						
I14A	Mackay	74.11	46	↑P	P	19 30 55.3	+0.7
	baz=74						
ASK	Askoy	74.11	339	↑P	P	19 30 53.6	-0.7
ASK	comp=Z,280nm,1.1s,mb5.9						
ASK	Askoy	74.11	339	↑P	P	19 30 53.6	-0.7
	comp=Z,280nm,1.1s,mb5.9						
H15A	Lima	74.12	45	↓P	P	19 30 54.4	-0.2
	baz=74						
BER	Bergen	74.16	338	eP	P	19 30 53.9	-0.6
RDF	Al-Radifah	74.17	294	eP	P	19 30 55.2	0.0
RDF	comp=Z,993nm,1.0s,mb6.5						
G16A	Moss Hill, Enn	74.19	44	↓P	P	19 30 55.2	+0.2
	baz=74						
NAY	Al-Naaem	74.19	295	eP	P	19 30 54.9	-0.5
NAY	comp=Z,291nm,1.3s,mb5.8						
ERBA	Erbaa	74.22	310	i P	P	19 30 55.7	+0.4
EGD	Espegred	74.28	338	eP	P	19 30 54.8	-0.4
EGD	comp=Z,339nm,1.2s,mb5.0						
EGD	Espegred	74.28	338	eP	P	19 30 54.8	-0.4
	comp=Z,339nm,1.2s,mb5.0						
M11A	Holland Ranch,	74.32	49	↓P	P	19 30 57.1	+1.2
	baz=74						
L12A	House Creek Ra	74.33	48	↑P	P	19 30 56.6	+0.7
	baz=74						
E18A	Harlowton	74.34	42	↑P	P	19 30 56.4	+0.5
	baz=74						
N10A	Dunphy	74.34	50	↑P	P	19 30 56.5	+0.5
	baz=74						
F17A	Fitzpatrick Pl	74.37	43	↑P	P	19 30 56.5	+0.4
	baz=74						
J14A	Carey	74.45	47	↓P	P	19 30 57.7	+1.1
	baz=74						
CNB	Canberra Magne	74.52	172	eP	P	19 30 57.0	+0.2
CNB	comp=Z,240nm,1.7s,mb5.4						
K13A	Stover Farm, H	74.56	47	↑P	P	19 30 57.9	+0.7
	baz=74						
I15A	Montevieu	74.60	46	↓P	P	19 30 57.9	+0.5
	baz=74						
O10A	Cortez Mining,	74.61	50	↑P	P	19 30 58.6	+1.0
	baz=74						
BL5S	Blasjo	74.61	337	↑P	P	19 30 58.6	+1.4
BL5S	comp=Z,90nm,1.2s,mb5.3						
BL5S	Blasjo	74.61	337	↑P	P	19 30 58.6	+1.4
	comp=Z,90nm,1.2s,mb5.3						
KIS	Kishinev	74.63	319	↑P	P	19 30 54.5	-3.0
KIS	comp=Z,700nm,2.3s,mb5.9						
KIS	KIS	74.63	319	i P	P	19 31 36.0	-2.1
KIS	comp=Z,239nm,0.5s,mb5.1						
KIS	KIS	74.63	319	i P	P	19 35 32.0	
KIS	KIS	74.63	319	i P	P	19 40 16.0	-3.3
KIS	KIS	74.63	319	i P	P	19 40 51.0	
KIS	KIS	74.63	319	i P	P	19 41 08.0	
KIS	comp=Z,660nm,2.3s,mb5.9						
KIS	comp=Z,2μm,16.0s						
KIS	comp=N,1μm,17.0s						
KIS	comp=E,900nm,15.0s						
KIS	comp=Z,2μm,16.0s						
KIS	Kishinev	74.63	319	↑P	P	19 30 54.5	-3.0
KIS	comp=Z,700nm,2.3s,mb5.9						
KIS	Kishinev	74.63	319	i P	P	19 31 36.0	-2.1
KIS	comp=Z,239nm,0.5s,mb5.1						
KIS	Kishinev	74.63	319	ePPP	P	19 33 37.0	-9.0
KIS	Kishinev	74.63	319	i S	P	19 40 16.0	-3.3
KIS	Kishinev	74.63	319	i P	P	19 30 57.5	0.0
QLMT	Earthquake Lak	74.65	44	eP	P	19 30 58.0	+0.3
	comp=Z,234nm,0.7s,mb5.1						
MALT	Malatya	74.65	307	eP	P	19 30 59.1	+1.3
MALT	comp=Z,134nm,1.1s,mb5.5						
MALT	Malatya	74.65	307	↑P	P	19 30 59.0	+1.2
MALT	comp=Z,134nm,1.1s,mb5.5						
MALT	Malatya	74.65	307	↑P	P	19 33 46.6	+0.1
MALT	comp=Z,134nm,1.1s,mb5.5						
MALT	Malatya	74.65	307	eP	P	19 30 59.1	+1.3
MALT	comp=Z,134nm,1.1s,mb5.5						
MALT	Malatya	74.65	307	eP	P	19 33 46.7	+0.2
NVAR	Mina Array Bea	74.65	53	eP	P	19 30 58.6	+0.8
	comp=Z,239nm,0.5s,mb5.1						
NWA0	Narogin (SRO)	74.69	200	P	P	19 30 57.6	-0.2
NWA0	comp=Z,54nm,1.1s						
NWA0	Narogin (SRO)	74.69	200	P	P	19 30 57.5	-0.3
	comp=Z,239nm,0.5s,mb5.1						
NWA0	Narogin (SRO)	74.69	200	P	P	19 30 57.2	-0.6
	comp=Z,54nm,1.1s,mb5.1						
G17A	Pierce Place,	74.71	44	↓P	P	19 30 58.7	+0.7
	baz=74						
N11A	Elko Archery C	74.74	50	↓P	P	19 30 59.0	+0.7
	baz=74						
WAR	Warsaw	74.74	326	eP	P	19 31 00.1	+2.0
WAR	comp=Z,239nm,0.5s,mb5.1						
WAR	Warsaw	74.74	326	eP	P	19 39 37.7	-4.3
WAR	comp=Z,239nm,0.5s,mb5.1						
MLAC	Mammoth Lakes	74.81	54	↑P	P	19 30 59.4	+0.7
	baz=75						
H16A	Russell Place,	74.83	44	↓P	P	19 30 59.4	+0.7
	baz=75						
M12A	Wells	74.85	49	↓P	P	19 30 59.9	+1.0
	baz=75						
BOYT	Boyabat	74.86	311	i P	P	19 31 00.7	+1.7
F18A	Big Timber	74.87	43	↓P	P	19 30 59.4	+0.4
	baz=75						
GCMT	Greycliff	74.97	43	eP	P	19 30 59.8	+0.3
	comp=Z,131nm,0.9s,mb5.6						
L13A	Double Diamond	74.99	48	↓P	P	19 31 00.6	+0.9

YMR	Madison River	75.01	44	eP	P	19 31 00.3	+0.6
	comp=Z,118nm,0.7s,mb5.6						
J15A	Blackfoot	75.01	46	↓P	P	19 31 00.6	+0.8
	comp=Z,122nm,0.7s,mb5.7						
FRB	Fröbisher Bay	75.04	13	P	P	19 30 59.0	-0.6
	comp=Z,122nm,0.7s,mb5.7						
FRB	comp=Z,26nm,0.7s,ba						
P10A	Eureka	75.05	51	↑P	P	19 31 00.8	+0.8
	baz=75						
ELK	Elko	75.08	49	P	P	19 31 00.8	+0.6
ELK	comp=Z,51nm,0.8s						
ELK	Elko	75.08	49	eP	P	19 31 00.8	+0.6
	comp=Z,50nm,0.8s,mb5.2						
LVV	L'vov	75.08	323	eP	P	19 30 59.0	-1.1
LVV	comp=Z,400nm,17.5s						
LVV	comp=N,380nm,17.2s						
LVV	Newale	75.13	49	↑P	P	19 31 01.9	+1.4
	comp=Z,200nm,17.2s						
BSD	Bornholm Skovb	75.12	331	↑P	P	19 30 59.6	-0.6
BSD	comp=Z,140nm,1.0s,mb5.5						
BSD	Bornholm Skovb	75.12	331	↑P	P	19 30 59.6	-0.6
	comp=Z,140nm,1.0s,mb5.5						
BSD	comp=Z,440nm,17.0s						
N12A	Clover Valley,	75.13	49	↑P	P	19 31 01.4	+0.9
	baz=75						
N12A	Clover Valley,	75.13	49	↑P	P	19 31 01.1	+0.5
	comp=Z,176nm,1.1s,mb5.6						
YNR	Norris Junctio	75.13	44	eP	P	19 31 01.9	+1.4
	comp=Z,68nm,1.0s,mb5.2						
K14A	Jones Ranch, D	75.14	47	↑P	P	19 31 01.5	+1.0
	baz=75						
IAS	IAS	75.14	319	↑P	P	19 31 00.6	+0.1
IAS	IAS	75.14	319	↑P	P	19 31 00.7	+0.2
O11A	Cowboy Ranch,	75.21	50	↓P	P	19 31 01.7	+0.7
	baz=75						
I16A	Neuale	75.23	45	↑P	P	19 31 02.3	+1.2
	baz=75						
SNAR	Snartemo	75.26	336	↑P	P	19 31 01.2	+0.2
SNAR	comp=Z,153nm,1.1s,mb5.5						
LEOM	Leova	75.27	318	↑P	P	19 31 01.2	0.0
M13A	Montello	75.32	48	↓P	P	19 31 02.1	+0.5
	baz=75						
M13A	Montello	75.32	48	eP	P	19 31 02.1	+0.5
	comp=Z,50nm,0.6s,mb5.3						
G18A	Lazy EL Ranch,	75.34	43	↓P	P	19 31 01.4	-0.2
	baz=75						
RCTC	Rector, Farmer	75.36	55	↓P	P	19 31 01.5	-0.4
	baz=75						
LKWY	Lake	75.38	44	P	P	19 31 04.3	+2.4
LKWY	comp=Z,76nm,0.8s,mb5.4						
LKWY	Lake	75.38	44	eP	P	19 31 03.6	+1.8
	comp=Z,76nm,0.8s,mb5.4						

16d 19h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like ISR Istita, MLR Muntele Rosu, PSN Presenti, etc.

2008 APR

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like BBRC Big Bear Sol-O, HEC Hector, DPC Dobruska-Polom, etc.

770

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like CLL comp=N,400nm,26.6s, CLL comp=E,800nm,24.9s, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and Time. Includes stations like BFO Black Forest, SPAK Spachingen-Ko, ECSD EROS Data Cent, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and Time. Includes stations like HAU, VDL Val di Lei, Y21A Point of Rocks, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and Time. Includes stations like MIDA Miranda, CSA1 St Austell, PII Pista, etc.

16d 20h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IXC, PCG, FUG, FGG, RTR, SBL, SBLs, NBS, JAT, SNJE, RBDL, TP2, BOQS, MTOZ, LFRS, LFRS, SNVI, MRL.

DJA 16:19:31.17, 0.90N, 126.08E, h18km, MLV4.0, 9, 2D, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TNE, MNI, MNI, MNI, KMSI, KMSI, SCSJ, LUVI, MRSI, NLAJ, APSI, AAI, KDI.

ISCJB 16:19:36.03, 1.0, 3.26, 15N, 126.59E, 0.05, h81km, 4km, mb3.9/10, Error ellipse: s-maj=10.3km s-min=3.3km az=143.0

NEIC 16:19:36.04, 5.0, 9.26, 11N, 126.65E, h76km, 9km, mb3.9/2, Error ellipse: s-maj=12.0km s-min=10.4km az=183.0

NEIC Recorded 1 JMA on Kume-jima, JMA 16:19:36.04, 1.0, 1.26, 17N, 126.36E, h76km, 1km, M4.0, JMA Felt 1 J

IDC 16:19:36.05, 4.2, 9.26, 16N, 126.17E, h85km, 35km, mb3.7/8, mb1.3/8.9, mb1mx3.6/25, mbtmp3.6/9, Error ellipse: s-maj=34.5km s-min=14.2km az=57.0

ISC 16:19:36.04, 2.0, 3.26, 14N, 126.60E, 0.04, h74km, 4km, n35, c087/51, mb3.9/10, Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JKE, JKE, JAGN, JAGN, NAH, NAH, JTT2, JTT2, JIH, JIH, JOW, JOW, JOW, JOW, JOGS, JOGS, JMJ, JMJ, JJJ, JJJ, JTK, JTK, JTK, JTK, JJI, JJI, JJKRS, JJKRS, IRIF, IRIF, HATJ, HATJ, JAM, JAM, YAJ, YAJ, JZK, JZK, JZK, JZK, JZK, JZK, TATO, TATO, YU-LI, YU-LI, SSSL, SSSL, KRSR, KRSR, CHTO, CHTO, CMAR, CMAR, MKAR, MKAR, ZALV, ZALV, KURK, KURK, WRAB, WRAB, WRA, WRA, ASAR, ASAR, ABKAR, ABKAR, STKA, STKA, STKA, STKA, BRTR, BRTR.

GUC 16:19:36.33, 1.0, 7.22, 40S, 68.63W, h107km, 4km, MD3.5, ML3.5, 4C, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LVC, LVC, LVC, LVC, PB04, PB04, PB04, PB04, PB01, PB01, PB01, CEN1, CEN1, ANCH, ANCH, HMBC, HMBC, HMBC, HMBC.

2008 APR

PGC 16:19:44.54, 1.0, 0.56, 53N, 122.34W, h5km, ML3.5/10, 9D, 97km west of Fort St. John, Bc British Columbia, British Columbia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BMBC, BMBC, FSB, FSB, FNB, FNB, FNB, FNB, SULB, SULB, ULBR, ULBR, ALRB, ALRB, TALB, TALB, FLB, FLB, FLB, FLB, BLBC, BLBC, MNB, MNB.

IDC 16:19:45.34, 4.1, 11.0, 17.28S, 178.72W, h548km, 134km, mb3.4/7, mb1.3/7.7, mb1mx3.4/16, mbtmp3.4/7, Error ellipse: s-maj=53.7km s-min=37.5km az=164.0

ISCJB 16:19:45.36, 0.0, 7.17, 8S, 0.2, 178.6W, 0.1, h600km, n16, mb3.9/11, Error ellipse: s-maj=28.5km s-min=14.5km az=155.8

NEIC 16:19:45.38, 2.0, 9.17, 38S, 178.82W, h600km, mb3.9/2, Error ellipse: s-maj=52.8km s-min=14.0km az=150.0

ISC 16:19:45.37, 2.0, 7.17, 8S, 0.2, 178.6W, 0.1, h600km, n16, c096/15, mb3.9/11, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STKA, STKA, STKA, STKA, WRA, WRA, ASAR, ASAR, KAKA, KAKA, FITZ, FITZ, MBWA, MBWA, PETK, PETK, NVAR, NVAR, TXAR, TXAR, PDAR, PDAR, VNA3, VNA3, VNA2, VNA2, GERES, GERES.

IDC 16:19:53.48, 9.3, 20.17S, 168.58E, h0km, mb4.0/5, mb1.4/2.5, mb1mx4.0/15, mbtmp3.6/9, Error ellipse: s-maj=93.3km s-min=40.7km az=138.0

NEIC 16:19:53.54, 1.2, 4.20, 18S, 168.54E, h35km, mb4.2/2, Error ellipse: s-maj=70.4km s-min=31.0km az=142.0

ISC 16:19:53.54, 0.0, 3.20, 4S, 168.6E, 0.4, h35km, n12, c099/9, mb4.0/6, Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NOUC, NOUC, CTA, CTA, STKA, STKA, WRA, WRA, ASAR, ASAR, MBWA, MBWA, GERES, GERES, BAIF, BAIF, CDF, CDF, CABF, CABF.

ISCJB 16:20:02.30, 7.0, 4.43, 83N, 0.04, 105.22W, 0.05, h0km, Error ellipse: s-maj=6.1km s-min=5.2km az=153.4

NEIC 16:20:02.32, 5.0, 3.43, 80N, 105.23W, h0km, ML3.2, Error ellipse: s-maj=5.2km s-min=4.2km az=151.0, Suspected lightning explosion.

NEIC 60 km GSI Mile E of Gillette, IDC 16:20:02.32, 3.1, 4.3, 82N, 105.15W, h0km, mb1.3/7.4, mb1mx3.5/26, mbtmp3.4/4, ML3.4/3, Error ellipse: s-maj=45.1km s-min=9.0km az=148.0

ISC 16:20:02.32, 5.0, 4.3, 82N, 105.23W, 0.05, h0km, n34, c094/34, Wyoming

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSHW, PSHW, RWWY, RWWY, LAO, LAO, RLMT, RLMT, BW06, BW06, PDAR, PDAR, LRM, LRM, MCMT, MCMT, JLU, JLU, HJU, HJU, SRU, SRU, ECSD, ECSD, TRM, TRM, CHMT, CHMT.

774

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like N13A, AGMN, ULM, ULM, ULM, FFC, FFC, NVAR, NVAR, YKA, YKA.

ISK 16:20:11.42, 7.36, 98N, 29.22E, h6km, MD3.0

ISCJB 16:20:11.43, 1.0, 5.36, 99N, 0.03, 29.22E, 0.03, h5km, 4km, Error ellipse: s-maj=4.6km s-min=3.6km az=159.7

CSEM 16:20:11.43, 1.0, 1.36, 99N, 29.24E, h5km, MD3.0, Error ellipse: s-maj=3.4km s-min=2.8km az=157.0

DDA 16:20:11.43, 3.7, 0.1N, 29.21E, h7km, 6km, MD3.0

ATH 16:20:11.45, 3.7, 0.1N, 28.99E, h17km, MD3.3/3

ISC 16:20:11.43, 6.0, 4.36, 99N, 0.03, 29.22E, 0.03, h8km, 4km, n52, c078/68, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GLHS, GLHS, GLHS, GLHS, FETHI, FETHI, FETHI, FETHI, TURUN, TURUN, DALY, DALY, DALY, DALY, ELL, ELL, ELL, ELL, DNZL, DNZL, DNZL, DNZL, YER, YER, YER, YER, DENI, DENI, DENI, DENI, AKAS, AKAS, AKAS, AKAS, KORT, KORT, KORT, KORT, ARK, ARK, ARK, ARK, BCK, BCK, BCK, BCK, MLBS, MLBS, MLBS, MLBS, AYDN, AYDN, AYDN, AYDN, ISP, ISP, ISP, ISP, KHL, KHL, KHL, KHL, KHAL, KHAL, KHAL, KHAL, BDRM, BDRM, BDRM, BDRM, KAYB, KAYB, KAYB, KAYB, SUTD, SUTD, SUTD, SUTD, KULA, KULA, KULA, KULA, SHUT, SHUT, SHUT, SHUT, SMG, SMG, SMG, SMG, IZM, IZM, IZM, IZM, ALT, ALT, ALT, ALT, KARP, KARP, KARP, KARP.

ISK 16:20:13.09, 6.37, 00N, 29.19E, h5km, MD2.8

DDA 16:20:13.10, 9.37, 0.1N, 29.27E, h8km, 3km, MD2.9

ISCJB 16:20:13.11, 3.0, 5.36, 99N, 0.03, 29.22E, 0.04, h10km, Error ellipse: s-maj=4.6km s-min=4.3km az=153.3

CSEM 16:20:13.11, 0.0, 3.7, 00N, 29.23E, h5km, MD2.8, Error ellipse: s-maj=4.9km s-min=4.5km az=74.0

ISC 16:20:13.11, 5.0, 5.37, 00N, 0.03, 29.19E, 0.05, h4km, 7km, n30, c091/39, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GLHS, GLHS, GLHS, GLHS, FETHI, FETHI, FETHI, FETHI, TURUN, TURUN, TURUN, TURUN, ELL, ELL, ELL, ELL, DNZL, DNZL, DNZL, DNZL, YER, YER, YER, YER, DENI, DENI, DENI, DENI, AKAS, AKAS, AKAS, AKAS, MLBS, MLBS, MLBS, MLBS, AYDN, AYDN, AYDN, AYDN, DAT, DAT, DAT, DAT, KHL, KHL, KHL, KHL, BDRM, BDRM, BDRM, BDRM, BDRM, BDRM, BDRM, BDRM, KULA, KULA, KULA, KULA.

CASC 16:20:15.40, 9.2, 3.13, 74N, h19km, 17km, MD3.6, 1D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAT, JAT, FUG, FUG, FUG, FUG, TP2, TP2, PCG, PCG, PCG, PCG.

Table with columns: ID, Name, Comp, Az, El, Az El, P, Az El, P, Az El, P. Rows include HOOD, 217A, LVP, NLWA, NLWA, Q11A, OOW, V1P, L08A, V14A, GAMB, X15A, O10A, TUC, TUC, TUC, T16A, TDL, T13A, P11A, H06A, 117A, 318A, R12A, Y16A, I07A, U14A, G06A, W15A, S13A, 218A, Q12A, J08A, O11A, LON, LON, X16A, R13A, Y12A, M10A, D05A, CV15A, 319A, ARUT, ARUT, ARUT, 118A, W16A, B07B, GBB, E06A, U15A, J09A, RMW, Q13A, H10A, L08A, 219A, PMR, ELK, ELK, ELK, M11A, WUAZ, WUAZ, T10A, K15A, Q12A, BJT, BJT, BJT, P13A, I09A, N12A, N12A, G08A, 320A, ENH, 119A, DIV, Q14A, E07A, L11A, RSW, 220A, HAWA.

Table with columns: ID, Name, Comp, Az, El, Az El, P, Az El, P, Az El, P. Rows include V17A, O16A, O13A, Z19A, BMRM, M12A, K11A, F08A, X18A, H09A, RPW, T16A, 120A, D07A, N13A, N13A, ETW, SEY, Y19A, G09A, L12A, TNA, GYA, GYA, GYA, GYA, GYA, GYA, MSU, MSU, BMO, BMO, Z20A, M13A, M13A, MFID, F09A, U17A, H10A, T17A, V18A, K12A, D08A, I11A, G10A, W19A, R16A, DUG, DUG, DUG, DUG, KTH, E09A, B07A, TRF, J12A, USHA, S17A, Y20A, OD2, L13A, D09A, A07A, F10A, H11A, M14A, 222A, I12A, K13A, B08A, Z21A, Q16A, G11A, T18A, R17A, MCK, MCK, W20A, U19A, L14A, TMUT, HLD, HLD, S18A.

Table with columns: ID, Name, Comp, Az, El, Az El, P, Az El, P, Az El, P. Rows include Y21A, J13A, HVU, HVU, HVU, D10A, F11A, M15A, H12A, G12A, K14A, V20A, T19A, SRU, SRU, SRU, XAN, XAN, XAN, H13A, E11A, B09A, R18A, J14A, HYT, L15A, A09A, Q18A, 324A, H13A, F12A, D11A, O17A, 425A, P18A, I14A, E12A, MNTX, HWUT, 224A, MVCO, 626A, G13A, NEW, NEW, HIA, LPM, LPM, 325A, A10A, L16A, Q19A, 526A, J15A, 124A, TXAR, TXAR, H14A, F13A, O18A, DLBC, DLBC, D12A, SYO, SYO, ANMO, ANMO, M17A, 225A, K16A, I15A, B11A, 426A, G14A, 627A, C12B, 527A, HHC, HHC, HHC, HHC, HHC, HHC, S21A, B11A, BILL, BILL, MCMT.

16d 23h

Table with 4 columns: Station Name, Frequency, Mode, and Signal Quality. Includes stations like MALT, SIM, EAB, EBH, PGBU, etc.

2008 APR

Table with 4 columns: Station Name, Frequency, Mode, and Signal Quality. Includes stations like MEM, KHC, KHC, GRA1, etc.

782

Table with 4 columns: Station Name, Frequency, Mode, and Signal Quality. Includes stations like XOR, XOR, XOR, XFR, etc.

Table with 4 columns: Code, Station Name, Frequency, Mode, and Signal Quality. Includes NEIC 16 23:13:35.7, 151.29N-178.27W, etc.

Table with columns for station name, time, and magnitude. Includes stations like Tromm, Hobbusch, Langenberg, Walferdange, etc.

Main table with columns for Code, Station Name, Az, Phase ID, ISC, Time, Res, and h m s. Includes stations like Haudompre, Maizieres J'vi, etc.

Table with columns for station name, time, and magnitude. Includes stations like Resolute Bay, Bilibino, etc.

OTT 16:23:59.38±1.1, 78.99N, 94.22W, h18km, ML3.9/4, 1C, 192km southwest from Eureka, Nu Sverdrup Seismic Zone, Queen Elizabeth Islands

Table with columns for Code, Station Name, Az, Phase ID, ISC, Time, Res, and h m s. Includes stations like Eureka, Resolute Bay, Gifford Fjord, etc.

WEL 17:00:07.31±0.4, 37.245N, 177.19E, h291km, gkm, ML3.6/3, Error ellipse: s-maj=17.0km s-min=10.3km az=90.0, Off east coast of North Island

Table with columns for Code, Station Name, Az, Phase ID, ISC, Time, Res, and h m s. Includes stations like Carnagh Statio, Kahuranaki, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like BAIF, TCF, DPC, KSP, MORC, etc.

LDG 17 01:12:17.3:0.2,26.04N:92.24E,h10km,Mb4.7/29, Ms3.1/1, Error ellipse: s-maj=9.9km s-min=4.7km az=146.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like SHL, IMP, AGT, GSK, etc.

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

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

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like GEC2, GERES, GUNZ, RJOB, ROTZ, MOX, BSEG, ASAR, GRA1, GRF, CLZ, NRDL, MOTA, RETA, FETA, DAVA, STU, TNS, CDF, PGF, HINP, HAU, SBF, LPG, LPL, CABF, MBDF, MEZFR, BAIF, FRF, ORIF, LMR, LOR, SMF, SSF.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like AVF, HYF, BGF, LASF, TCF, CAF, RLF, RJF, FLN, MTLF, GRR, LFF, MFF, SGFM, ROSF, ETSF, SJJF, SUDC, SFJD, BOSA, TOR, YKA, VNA2, VNA3, TXAR, SDV, ROSC, CPUP, SIV, CSEM, BDRM, BDRM, BDRM, BODT, BODT, BODT, MIBS, MIBS, DAT, AYDN, AYDN, AYDN, GCAM, GCAM.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like TURN, NIED, JMA, HONSHU, ATKA, GSTR, ADK, NIKO, UNLV, SPIA, APG, CMIG, TEIG, JTS, TXAR, NVAR, YKA, MOS, BUJ, GCMT, SZGRF, ISC, CMIG.

Table with columns for station call letters, frequency, and other identifiers. Includes stations like CMIG, NBG, FUG, APG, etc.

Table with columns for station call letters, frequency, and other identifiers. Includes stations like TXAR, TXAR, TXAR, TXAR, etc.

Table with columns for station call letters, frequency, and other identifiers. Includes stations like CCM, TZTN, Z20A, 218A, etc.

MVCO	baz=26,SNR=39	25.36 330	eP	P	01 58 21.1 +0.6
S21A	Mesa Verde comp-Z,102nm,1.1s,mb5.2	25.40 332	↑P	P	01 58 21.6 +0.8
W16A	Coal Bank Pass baz=26,SNR=51	25.40 323	↑P	P	01 58 21.1 +0.3
X15A	Flagstaff baz=26,SNR=5.4	25.41 321	↑P	P	01 58 21.0 +0.1
R22A	Humboldt baz=26,SNR=8.0	25.41 334	↑P	P	01 58 22.0 +1.1
U18A	Saguache, Gunn baz=26,SNR=47	25.44 327	↑P	P	01 58 21.8 +0.7
Z13A	Rough Rock, Ch baz=26,SNR=10	25.48 316	↑P	P	01 58 21.7 0.0
Y14A	Yuma Proving G baz=26,SNR=18	25.52 319	↑P	P	01 58 22.0 0.0
JSRW	Wickenburg baz=26,SNR=8.2	25.55 29	eP	pP	01 58 22.8 +0.7
JSRW	J. Sargeant Re baz=26,SNR=8.2	25.55 29	eP	pP	01 58 44.3 +0.5
WUAZ	Wupatki baz=26,SNR=6.4	25.60 323	↑P	P	01 58 23.3 +0.3
WUAZ	Wupatki comp-Z,110nm,0.9s,mb5.3	25.60 323	eP	P	01 58 23.2 +0.6
WUAZ	San Juan comp-Z,102nm,1.0s	25.74 81	eP	pP	01 58 44.5 +0.1
SJG	San Juan comp-Z,34nm,0.5s,mb5.0,baz=29.4,slow=13,SNR=5.2	25.74 81	eP	pP	01 58 22.5 -1.6
SJG	San Juan comp-Z,34nm,0.5s,mb5.0,baz=29.4,slow=13,SNR=5.2	25.74 81	eP	pP	01 58 22.9 -1.3
SJG	San Juan comp-Z,30nm,0.5s,baz=45,slow=7.1,SNR=3.8	25.74 81	eP	pP	02 01 51.3 -0.6
SJG	San Juan comp-Z,15nm,0.4s,baz=32.4,slow=3.5,SNR=4.6	25.74 81	eP	pP	02 05 24.8 +2.2
SJG	San Juan comp-Z,102nm,1.0s,mb5.2	25.74 81	eP	pP	01 58 22.5 -1.6
X14A	Yava baz=26,SNR=8.5	25.80 320	↑P	P	01 58 24.6 +0.2
ACSO	Alum Creek Sta baz=26,SNR=8.5	25.83 18	eP	P	01 58 23.7 -0.9
ACSO	Alum Creek Sta comp-Z,90nm,0.9s,mb5.2	25.83 18	eP	P	01 58 46.9 +0.5
R21A	Cimarron baz=26,SNR=26	25.87 333	↑P	P	01 58 25.8 +0.3
U16A	Yuba City baz=26,SNR=9.4	25.91 325	↑P	P	01 58 26.3 +0.2
Y13A	Salome baz=26,SNR=5.3	25.98 317	↑P	P	01 58 26.3 +0.2
T18A	Mexican Hat baz=26,SNR=19	25.99 328	↑P	P	01 58 27.1 +1.0
SCIA	State Center comp-Z,204nm,0.8s,mb5.1	26.00 326	↑P	P	01 58 25.2 -0.9
U17A	Shonto baz=26,SNR=9.2	26.00 326	↑P	P	01 58 27.1 +0.9
Q22A	Crested Butte, baz=26,SNR=4.3	26.02 335	↑P	P	01 58 27.3 +1.0
CBYP	Canovas comp-Z,20nm,0.7s,mb4.7	26.02 81	eP	P	01 58 25.5 -1.2
R20A	Redvale baz=26,SNR=33	26.10 332	↑P	P	01 58 27.8 +0.7
GLA	Glamis comp-Z,36nm,0.7s,mb4.9	26.18 315	eP	pmax	01 58 27.5 -0.4
GLA	Glamis comp-Z,36nm,0.7s,mb4.9	26.18 315	eP	pmax	01 58 27.6 -0.3
GLA	Glamis comp-Z,36nm,0.7s,mb4.9	26.18 315	eP	pmax	01 58 27.4 -0.5
CBN	Corbin comp-Z,72nm,0.7s,mb5.2	26.19 29	eP	P	01 58 28.3 +0.3
OGNE	Ogallala comp-Z,267nm,1.1s,mb5.6	26.24 344	↑P	P	01 58 28.8 +0.4
OGNE	Lamborn Mesa, baz=26,SNR=32	26.27 334	↑P	P	02 01 51.1 -1.5
Q21A	Kaibab Nationa baz=26,SNR=10.0	26.28 323	↑P	P	01 58 29.4 +0.6
SMCO	Snowmass comp-Z,131nm,1.1s,mb5.3	26.31 335	eP	P	01 58 29.7 +0.7
MTP	Monte Pirata comp-Z,49nm,0.7s,mb5.0	26.31 81	eP	pP	01 58 28.0 -1.2
MTP	Idaho Springs comp-Z,37nm,1.0s,mb4.8	26.32 338	↑P	pmax	01 58 51.7 +0.7
ISCO	Idaho Springs comp-Z,37nm,1.0s,mb4.8	26.32 338	↑P	pmax	01 59 05.7 +3.3
ISCO	Idaho Springs comp-Z,37nm,1.0s,mb4.8	26.32 338	↑P	pmax	01 58 29.6 +0.5
T17A	Navajo Res., N baz=26,SNR=14	26.37 326	↑P	P	01 58 29.6 +0.6
Y12C	Blythe baz=26,SNR=10	26.42 319	↑P	P	01 58 29.9 +0.4
X13A	Hurst Farm, Bl baz=26,SNR=9.4	26.47 329	↑P	P	01 58 29.4 -0.4
S18A	Hurst Farm, Bl baz=26,SNR=9.4	26.47 329	↑P	P	01 58 31.1 +0.6
PDMC	Parker Dam,Lak baz=27,SNR=11	26.48 318	↑P	P	01 58 30.9 +0.3
R19A	Curley Farm, L baz=27,SNR=9.6	26.59 330	↑P	P	01 58 32.3 +0.8
Q20A	Ridgley Place, baz=27,SNR=22	26.68 333	↑P	P	01 58 32.9 +0.5
V14A	Boquillas Ranc baz=27,SNR=17	26.70 321	↑P	P	01 58 33.0 +0.4
T16A	Glen Canyon Da baz=27,SNR=17	26.73 326	↑P	P	01 58 32.7 -0.2
U15A	North Rim baz=27,SNR=6.2	26.77 324	↑P	P	01 58 33.7 +0.5
SWSC	Sam W. Stewart baz=27,SNR=22	26.79 314	↑P	P	01 58 33.6 +0.2
P21A	Newcastle baz=27,SNR=11	26.80 335	↑P	P	01 58 34.6 +1.3
S17A	Black Ridge (B baz=27,SNR=27	26.85 327	↑P	P	01 58 34.4 +0.6
DVTC	Desert V Tower baz=27,SNR=27	26.85 313	↑P	P	01 58 33.7 -0.2
ATAH	Atahualpa comp-Z,51nm,0.9s,mb5.0,baz=33.8,slow=5.0,SNR=23	26.88 146	eP	P	01 58 35.5 +1.2
BC3	Big Chucks Mtn baz=27,SNR=22	26.96 315	↑P	P	01 58 35.1 +0.2
R18A	Canyonlands N baz=27,SNR=7.8	26.97 330	↑P	P	01 58 35.6 +0.7
IRM	Iron Mountain baz=27,SNR=9.7	27.06 317	↑P	P	01 58 35.7 0.0
Q19A	Hogan Spring (I baz=27,SNR=44	27.12 331	↑P	P	01 58 36.9 +0.6
P20A	De Beque baz=27,SNR=34	27.18 333	↑P	P	01 58 37.5 +0.8
MONP	Monument Peak baz=27,SNR=11	27.20 313	↑P	P	01 58 36.7 -0.4
T15A	Red Dirt Ranch baz=27,SNR=13	27.24 324	↑P	P	01 58 37.8 +0.4
U14A	Mt Trumbull baz=27,SNR=11	27.28 323	↑P	P	01 58 38.2 +0.4
V13A	Grand Canyon W baz=28,SNR=13	27.38 321	↑P	P	01 58 39.1 +0.4
O21A	Pagoda baz=28,SNR=11	27.39 335	↑P	P	01 58 39.8 +1.1
R17A	Hanksville Air baz=28,SNR=10	27.49 329	↑P	P	01 58 39.2 +0.5
BELC	Belle Mtn. baz=28,SNR=11	27.53 315	↑P	P	01 58 40.0 0.0
P19A	Cripple Cowboy baz=28,SNR=11	27.54 333	↑P	P	01 58 40.6 +0.6
AAM	Ann Arbor comp-Z,104nm,0.9s,mb5.4	27.58 15	eP	pP	01 58 38.3 -2.0
AAM	Ann Arbor comp-Z,104nm,0.9s,mb5.4	27.58 15	eP	pP	01 59 02.1 0.0
AAM	Ann Arbor comp-Z,104nm,0.9s,mb5.4	27.58 15	eP	pP	01 59 16.6 +3.0
AAM	Ann Arbor comp-Z,104nm,0.9s,mb5.4	27.58 15	eP	pP	01 58 38.2 -2.0
AAM	Ann Arbor comp-Z,104nm,0.9s,mb5.4	27.58 15	eP	pP	01 59 02.0 -0.1
AAM	Ann Arbor comp-Z,104nm,0.9s,mb5.4	27.58 15	eP	pP	01 59 16.6 +3.0
LDFC	Landfair comp-Z,11nm,0.5s,mb4.6	27.59 318	↑P	P	01 58 41.4 +0.8
PHWY	Pilot Hill comp-Z,40nm,1.6s,mb5.0	27.59 339	eP	P	01 58 41.0 +0.5
PFO	Pinyon Flat Ob baz=28,SNR=11	27.62 314	↑P	P	01 58 40.6 -0.2
PFO	Pinyon Flat Ob baz=28,SNR=11	27.62 314	↑P	P	01 58 40.8 -0.1
Q20A	White River Ci baz=28,SNR=28	27.64 334	↑P	P	01 59 00.2 2.5
Q18A	Rafter H Ranch baz=28,SNR=24	27.65 330	↑P	P	01 58 41.6 +0.6
T14A	Hurricane baz=28,SNR=24	27.67 324	↑P	P	01 58 41.7 +0.5
R16A	Teasdale baz=28,SNR=10	27.69 327	↑P	P	01 58 41.9 +0.6
S15A	Panguitch baz=28,SNR=10	27.71 325	↑P	P	01 58 42.1 +0.6
U13A	Pakon Wash baz=28,SNR=10	27.74 322	↑P	P	01 58 42.3 +0.4
GMRC	Granite Mounta baz=28,SNR=11	27.77 317	↑P	P	01 58 42.3 +0.2
V12A	Nelson baz=28,SNR=19	27.83 319	↑P	P	01 58 43.1 +0.4
SRU	San Rafael comp-Z,21nm,0.9s,mb4.7	27.84 330	eP	pmax	01 58 42.9 +0.2
SRU	San Rafael comp-Z,21nm,0.9s,mb4.7	27.84 330	eP	pmax	01 58 42.9 +0.2
SRU	San Rafael comp-Z,21nm,0.9s,mb4.7	27.84 330	eP	pmax	01 58 42.9 +0.2
N21A	Black Mountain comp-Z,21nm,0.9s,mb4.7	27.88 336	↑P	P	01 58 44.2 +1.2
SSPA	Standing Stone baz=29,SNR=21	27.98 25	eP	P	01 58 43.0 -1.0
ECSD	EROS Data Cent comp-Z,122nm,0.8s,mb5.5	27.99 354	eP	P	01 58 42.8 -1.2
Q16A	Castle Valley baz=29,SNR=21	28.01 329	↑P	P	01 58 44.8 +0.6
M22A	Cedar Creek Ra baz=29,SNR=34	28.08 338	↑P	P	01 58 45.7 +0.8
U12A	Valley of Fire baz=29,SNR=5.1	28.10 321	↑P	P	01 58 45.7 +0.6
MVL	Millersville comp-Z,52nm,0.9s,mb5.1	28.11 28	↑P	P	01 58 45.4 +0.3
MVL	Millersville comp-Z,52nm,0.9s,mb5.1	28.11 28	↑P	P	01 59 08.8 +1.8
P16A	Preston Nutter baz=29,SNR=21	28.12 333	↑P	pP	01 58 45.9 +0.8
T13A	Saint George baz=29,SNR=21	28.12 323	↑P	P	01 58 45.7 +0.5
O19A	Miners Draw (B baz=29,SNR=21)	28.15 333	↑P	P	01 58 45.9 +0.4
PCRV	Puerto La Cruz comp-Z,181nm,20.9s,baz=161,slow=38	28.15 98	LR	LR	02 10 39.2
CCUT	Cedar City comp-Z,181nm,1.0s,mb4.6	28.17 324	eP	P	01 58 46.5 +0.8
CCUT	Cedar City comp-Z,181nm,1.0s,mb4.6	28.17 324	eP	P	01 59 07.2 -0.4
CCUT	Cedar City comp-Z,181nm,1.0s,mb4.6	28.17 324	eP	P	02 01 57.1 -0.2
S14A	Cedar City baz=29,SNR=8.9	28.21 325	↑P	P	01 58 46.5 +0.5
P17A	Butcher Ranch, baz=29,SNR=7.6	28.23 330	↑P	P	01 58 46.7 +0.6
N20A	Spence Gulch, baz=29,SNR=6.6	28.24 335	↑P	P	01 58 47.1 +0.9
V11A	Goodsprings baz=29,SNR=6.6	28.27 319	↑P	P	01 58 47.3 +0.7
TMUT	Trail Mountain comp-Z,22nm,0.9s,mb4.7	28.32 329	eP	P	01 58 48.1 +1.2
ARUT	Antelope Range comp-Z,26nm,0.9s,mb4.8	28.32 324	eP	pmax	01 58 48.4 +0.9
ARUT	Antelope Range comp-Z,26nm,0.9s,mb4.8	28.32 324	eP	pmax	01 58 48.4 +0.9
S13A	Holt Ranch, En baz=29,SNR=18	28.48 324	↑P	P	01 58 49.1 +0.7
O18A	Roosevelt baz=29,SNR=18	28.52 332	↑P	P	01 58 49.5 +0.8
SHPR	Sheep Range baz=29,SNR=18	28.53 320	eP	P	01 58 49.9 +1.1
M21A	Separation Pea baz=29,SNR=18	28.54 337	↑P	P	01 58 49.9 +1.0
RWWY	Rawlins comp-Z,113nm,1.0s,mb5.5	28.56 337	eP	P	01 58 50.0 +0.9
L22A	Ellis Ranch, M baz=29,SNR=9.5	28.58 339	↑P	P	01 58 50.1 +0.9
N19A	John Jarvie Ra baz=29,SNR=18	28.67 334	↑P	P	01 58 50.0 0.0
Q15A	Fillmore baz=29,SNR=18	28.69 327	↑P	P	01 58 50.8 +0.6
M20A	Sweetwater, Wa baz=29,SNR=22	28.76 336	↑P	P	01 58 51.7 +0.9
P16A	Fountain Green baz=29,SNR=22	28.78 329	↑P	P	01 58 52.1 +1.0
O17A	Robinson Place baz=29,SNR=30	28.80 331	↑P	P	01 58 52.0 +0.8
BFSO	Mount Baldy St baz=29,SNR=30	28.80 314	↑P	P	01 58 51.0 -0.3
GSC	Goldstone baz=29,SNR=30	28.83 317	eP	pP	01 59 10.8 -2.7
L21A	Rawlins baz=29,SNR=74	28.86 337	↑P	pP	01 58 52.3 +0.7
N18A	Larsen Ranch, baz=29,SNR=28	28.95 333	↑P	P	01 58 53.4 +0.9
R13A	O'Grain Ranch, baz=29,SNR=19	28.95 324	↑P	P	01 58 53.6 +1.0
T11A	Corn Creek, Al baz=29,SNR=19	29.04 321	↑P	P	01 58 54.0 +0.6
P15A	Leamington baz=29,SNR=19	29.06 328	↑P	P	01 58 54.0 +0.4
S12A	Delamar Landin baz=29,SNR=19	29.07 322	↑P	P	01 58 54.3 +0.7
MPU	Maple Canyon comp-Z,19nm,1.0s,mb4.7	29.08 330	eP	P	01 58 54.5 +0.8
Q14A	Wolf Lake (B baz=29,SNR=19)	29.15 326	↑P	P	01 58 54.8 +0.5
M19A	Rock Springs baz=29,SNR=19	29.16 335	↑P	P	01 58 55.0 +0.6
O16A	Springville comp-Z,29nm,SNR=10.0	29.17 330	↑P	P	01 58 55.1 +0.6
U10A	Ash Meadows, A baz=29,SNR=10	29.20 319	↑P	P	01 58 55.1 +0.6
DAU	Daniels Canyon comp-Z,19nm,1.2s,mb4.6	29.21 331	eP	P	01 58 56.3 +1.4
NLU	Not Lily Mtn comp-Z,19nm,1.2s,mb4.6	29.25 329			

Table with columns: Name, Address, City, State, Zip, Phone, Fax, Email, Website, and other details for various businesses and individuals.

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SCO	comp=Z,4.0nm,0.8s,mb4.3	68.87	20	iP	P	02 03 54.8	-1.4
TNA	Scoresbysund	68.87	20	iP	P	02 03 54.8	-1.4
SCO	comp=Z,3.8nm,0.8s,mb4.3	68.87	20	iP	P	02 03 54.8	-1.4
Tin City	69.49	335	eP	P	02 03 59.9	-0.2	
BBTS	Babate	73.34	79	LR	LR	02 32 00.2	
JMIC	Jan Mayen	73.35	20	LR	LR	02 36 38.9	
EVO	Evora	76.44	53	eP	P	02 04 38.5	-3.2
EVO	comp=Z,65nm,1.1s,mb5.0	76.44	53	eP	P	02 04 38.5	-3.2
EKA	Eskdalemuir Ar	77.04	36	P	P	02 04 43.5	-1.2
ROSF	Rostronen	78.16	43	eP	P	02 04 49.4	-1.6
QUIF	Quintin	78.30	43	eP	P	02 04 49.5	-2.4
SPITS	Spitsbergen Ar	78.50	11	P	P	02 04 52.9	+0.4
ESDC	Sonsecq Array	79.33	52	P	P	02 04 55.3	-2.3
ESDC	comp=Z,3.6nm,0.7s,mb4.3,baz=294,slow=5.4,SNR=14	79.33	52	P	P	02 04 55.3	-2.3
BILL	Bilibino	79.43	338	eP	P	02 05 21.8	-1.1
BILL	comp=Z,112nm,21.5s,baz=310,slow=31	79.43	338	eP	P	02 05 21.8	-1.1
BILL	comp=Z,58nm,0.9s,mb4.5	79.43	338	eP	P	02 05 21.8	-1.1
GRR	Gorron	79.73	43	eP	P	02 04 57.5	-2.1
GRR	comp=Z,87nm,1.5s,mb5.1	79.73	43	eP	P	02 04 57.5	-2.1
GRR	comp=Z,44nm,1.5s,mb5.1	79.73	43	eP	P	02 04 57.5	-2.1
GRR	comp=Z,44nm,1.5s,mb5.1	79.73	43	eP	P	02 04 57.5	-2.1
FLN	La Foliniere	79.89	42	eP	P	02 05 36.5	+1.2
FLN	comp=Z,368nm,23.0s	79.89	42	eP	P	02 05 36.5	+1.2
FLN	comp=Z,370nm,23.0s	79.89	42	eP	P	02 05 36.5	+1.2
LDF	La Druitiere	80.16	42	eP	P	02 04 59.9	-2.1
LDF	comp=Z,24nm,1.3s,mb4.9	80.16	42	eP	P	02 04 59.9	-2.1
LDF	comp=Z,24nm,1.3s,mb4.9	80.16	42	eP	P	02 04 59.9	-2.1
MDT	Midelt	80.25	59	LR	LR	02 36 24.1	
MFF	Saint Martin d	80.59	44	eP	P	02 05 01.9	-2.4
SJPF	Ste Jean	80.61	48	eP	P	02 05 02.4	-2.1
SJPF	comp=Z,54nm,1.3s,mb4.9	80.61	48	eP	P	02 05 02.4	-2.1
SJPF	comp=Z,27nm,1.3s,mb4.9	80.61	48	eP	P	02 05 02.4	-2.1
ETSF	Etsaut	81.14	48	eP	P	02 05 05.5	-1.8
FFF	La Frestale	81.57	46	eP	P	02 05 07.2	-2.4
FFF	comp=Z,17nm,0.8s,mb4.6	81.57	46	eP	P	02 05 07.2	-2.4
FFF	comp=Z,17nm,0.8s,mb4.6	81.57	46	eP	P	02 05 07.2	-2.4
LFF	La Frestale	81.57	46	eP	P	02 05 07.2	-2.4
LFF	comp=Z,9.0nm,0.8s,mb4.7	81.57	46	eP	P	02 05 07.2	-2.4
LFF	comp=Z,6.6nm,0.8s,mb4.9	81.57	46	eP	P	02 05 07.2	-2.4
EPF	Esparras	81.75	48	eP	P	02 05 08.3	-2.2
EPF	comp=Z,33nm,1.3s,mb4.7	81.75	48	eP	P	02 05 08.3	-2.2
EPF	comp=Z,16nm,1.3s,mb4.7	81.75	48	eP	P	02 05 08.3	-2.2
EPF	comp=Z,16nm,1.3s,mb4.7	81.75	48	eP	P	02 05 08.3	-2.2
RJF	Les Rejaudoux	82.02	45	eP	P	02 05 09.4	-2.5
RJF	comp=Z,56nm,1.6s,mb4.8	82.02	45	eP	P	02 05 09.4	-2.5
RJF	comp=Z,68nm,20.8s	82.02	45	eP	P	02 05 09.4	-2.5
RJF	comp=Z,28nm,1.6s,mb4.8	82.02	45	eP	P	02 05 09.4	-2.5
RJF	comp=Z,70nm,20.8s	82.02	45	eP	P	02 05 09.4	-2.5
RJF	comp=Z,28nm,1.6s,mb4.8	82.02	45	eP	P	02 05 09.4	-2.5
TCF	Toulx Ste Croi	82.24	44	eP	P	02 05 10.5	-2.5
TCF	comp=Z,70nm,20.8s	82.24	44	eP	P	02 05 10.5	-2.5
TCF	comp=Z,50nm,1.4s,mb4.9	82.24	44	eP	P	02 05 10.5	-2.5
TCF	comp=Z,50nm,1.4s,mb4.9	82.24	44	eP	P	02 05 10.5	-2.5
TCF	comp=Z,25nm,1.4s,mb4.8	82.24	44	eP	P	02 05 10.5	-2.5
TCF	comp=Z,25nm,1.4s,mb4.8	82.24	44	eP	P	02 05 10.5	-2.5
CAF	Calviac	82.49	44	eP	P	02 05 49.5	+1.1
BGF	Bois d'Agland	82.60	44	eP	P	02 05 13.5	-1.4
BGF	comp=Z,17nm,0.7s,mb4.7	82.60	44	eP	P	02 05 13.5	-1.4
BGF	comp=Z,9.0nm,0.7s,mb4.7	82.60	44	eP	P	02 05 13.5	-1.4
BGF	comp=Z,8.8nm,0.7s,mb4.7	82.60	44	eP	P	02 05 13.5	-1.4
BGF	comp=Z,9.0nm,0.7s,mb4.7	82.60	44	eP	P	02 05 13.5	-1.4
AVF	Avril sur Loir	82.87	43	eP	P	02 05 53.2	+1.1
AVF	comp=Z,25nm,1.2s,mb4.6	82.87	43	eP	P	02 05 53.2	+1.1
AVF	comp=Z,12nm,1.2s,mb4.6	82.87	43	eP	P	02 05 53.2	+1.1
AVF	comp=Z,12nm,1.2s,mb4.6	82.87	43	eP	P	02 05 53.2	+1.1
SSF	Saint Saugle	82.90	43	eP	P	02 05 54.6	+1.3
SSF	comp=Z,16nm,1.0s,mb4.5	82.90	43	eP	P	02 05 54.6	+1.3
SSF	comp=Z,8.0nm,1.0s,mb4.5	82.90	43	eP	P	02 05 54.6	+1.3
SSF	comp=Z,8.1nm,1.0s,mb4.5	82.90	43	eP	P	02 05 54.6	+1.3
SSF	comp=Z,8.0nm,1.0s,mb4.5	82.90	43	eP	P	02 05 54.6	+1.3
NOA	NORSAR Array B	83.00	28	P	P	02 05 54.9	+0.3
NOA	comp=Z,12nm,1.0s,mb4.7,baz=291,slow=5.1,SNR=20	83.00	28	P	P	02 05 54.9	+0.3
MTLF	Montlieu	83.00	47	eP	P	02 05 53.7	+1.1
MTLF	comp=Z,53nm,1.5s,mb4.8	83.00	47	eP	P	02 05 53.7	+1.1
MTLF	comp=Z,53nm,1.5s,mb4.8	83.00	47	eP	P	02 05 53.7	+1.1
MTLF	comp=Z,27nm,1.5s,mb4.9	83.00	47	eP	P	02 05 53.7	+1.1
MTLF	comp=Z,26nm,1.5s,mb4.8	83.00	47	eP	P	02 05 53.7	+1.1
LOR	Lormes	83.08	43	eP	P	02 05 55.9	+1.3
LOR	comp=Z,118nm,20.8s	83.08	43	eP	P	02 05 55.9	+1.3
LOR	comp=Z,17nm,1.2s,mb4.8	83.08	43	eP	P	02 05 55.9	+1.3
LOR	comp=Z,120nm,20.8s	83.08	43	eP	P	02 05 55.9	+1.3
LOR	comp=Z,17nm,1.2s,mb4.8	83.08	43	eP	P	02 05 55.9	+1.3

LOR	comp=Z,120nm,20.8s	83.24	44	eP	P	02 05 55.9	+1.3
LOR	comp=Z,120nm,20.8s	83.24	44	eP	P	02 05 55.9	+1.3
SMF	Signal de Mont	83.24	44	eP	P	02 05 15.4	-2.8
WLF	Waldange	83.87	40	eP	P	02 05 45.0	-1.9
LASF	St Croix	83.85	46	eP	P	02 05 19.3	-2.6
IBBN	lbbenduren	84.04	37	eP	P	02 05 21.7	-0.4
VIVF	comp=Z,33nm,1.2s,mb5.0	84.29	45	eP	P	02 05 22.0	-1.6
VIVF	comp=Z,19nm,1.1s,mb4.5	84.29	45	eP	P	02 05 22.0	-1.6
VIVF	Saint-Julien-1	84.29	45	eP	P	02 05 22.0	-1.6
VIVF	comp=Z,9.0nm,1.1s,mb4.5	84.29	45	eP	P	02 05 22.0	-1.6
VIVF	Saint-Julien-1	84.29	45	eP	P	02 05 22.0	-1.6
HFS	Hagfors	84.47	29	eP	P	02 05 23.7	-0.4
HAU	Haudompre	84.48	42	eP	P	02 05 22.5	-2.0
HAU	comp=Z,15nm,1.0s,mb4.6	84.48	42	eP	P	02 05 22.5	-2.0
HAU	comp=Z,157nm,21.8s	84.48	42	eP	P	02 05 22.5	-2.0
HAU	Haudompre	84.48	42	eP	P	02 05 22.5	-2.0
HAU	comp=Z,9.0nm,1.0s,mb4.5	84.48	42	eP	P	02 05 22.5	-2.0
HAU	comp=Z,160nm,21.8s	84.48	42	eP	P	02 05 22.5	-2.0
HAU	comp=Z,9.3nm,1.0s,mb4.6	84.48	42	eP	P	02 05 22.5	-2.0
ARCES	ARCCESS Array B	84.71	18	P	P	02 05 24.7	-0.5
ARCES	comp=Z,20nm,0.8s,mb5.1,baz=288,slow=4.9,SNR=79	84.71	18	P	P	02 05 24.7	-0.5
CABF	La Chapelle	84.73	43	eP	P	02 05 23.6	-2.2
HINF	Hinterfeld	84.86	42	eP	P	02 05 24.3	-2.1
HINF	comp=Z,7.8nm,0.7s,mb4.5	84.86	42	eP	P	02 05 24.3	-2.1
HINF	Hinterfeld	84.86	42	eP	P	02 05 24.3	-2.1
HINF	comp=Z,4.0nm,0.7s,mb4.5	84.86	42	eP	P	02 05 24.3	-2.1
HINF	Hinterfeld	84.86	42	eP	P	02 05 24.3	-2.1
HINF	comp=Z,3.9nm,0.7s,mb4.5	84.86	42	eP	P	02 05 24.3	-2.1
HINF	comp=Z,30nm,1.3s,mb4.8	84.86	42	eP	P	02 05 24.3	-2.1
CDF	Champ du Feu	84.95	41	eP	P	02 05 24.9	-1.9
CDF	comp=Z,15nm,1.3s,mb4.8	84.95	41	eP	P	02 05 24.9	-1.9
CDF	Champ du Feu	84.95	41	eP	P	02 05 24.9	-1.9
CDF	comp=Z,15nm,1.3s,mb4.8	84.95	41	eP	P	02 05 24.9	-1.9
BSEG	Bad Segeberg	84.97	35	eP	P	02 05 26.8	0.0
BSEG	comp=Z,25nm,1.0s,mb5.1	84.97	35	eP	P	02 05 26.8	0.0
BSEG	Bad Segeberg	84.97	35	eP	P	02 05 26.8	0.0
BSEG	comp=Z,25nm,1.0s,mb5.1	84.97	35	eP	P	02 05 26.8	0.0
KEV	Kevo	85.03	18	eP	P	02 05 25.2	-1.6
KEV	comp=Z,3.0nm,0.4s,mb4.6	85.03	18	eP	P	02 05 25.2	-1.6
KEV	Kevo	85.03	18	eP	P	02 05 25.2	-1.6
KEV	comp=Z,3.0nm,0.4s,mb4.6	85.03	18	eP	P	02 05 25.2	-1.6
ORIF	Oris-en-Rattie	85.10	45	eP	P	02 05 25.0	-2.6
ORIF	comp=Z,7.8nm,1.1s,mb4.6	85.10	45	eP	P	02 05 25.0	-2.6
ORIF	Oris-en-Rattie	85.10	45	eP	P	02 05 25.0	-2.6
ORIF	comp=Z,7.8nm,1.1s,mb4.6	85.10	45	eP	P	02 05 25.0	-2.6
ORIF	Oris-en-Rattie	85.10	45	eP	P	02 05 25.0	-2.6
ORIF	comp=Z,7.8nm,1.1s,mb4.6	85.10	45	eP	P	02 05 25.0	-2.6
TNS	Taunus Mts	85.11	39	eP	P	02 05 26.5	-1.1
TNS	comp=Z,34nm,0.9s,mb5.3	85.11	39	eP	P	02 05 26.5	-1.1
TNS	Taunus Mts	85.11	39	eP	P	02 05 26.5	-1.1
TNS	comp=Z,34nm,0.9s,mb5.3	85.11	39	eP	P	02 05 26.5	-1.1
SMRF	Simone la Rot	85.17	46	eP	P	02 05 27.9	-0.8
NRDL	Niedersach Ries	85.34	37	eP	P	02 05 28.2	-1.4
LPL	La Plagne	85.49	44	eP	P	02 05 27.4	-2.3
LPG	La Plage	85.51	44	eP	P	02 05 29.3	-1.3
BFO	Black Forest	85.64	41	eP	P	02 05 28.2	-1.4
CLZ	Clausthal	85.72	37	eP	P	02 05 29.3	-1.3
CLZ	comp=Z,14nm,1.1s,mb4.8	85.72	37	eP	P	02 05 29.3	-1.3
CLZ	Clausthal	85.72	37	eP	P	02 05 29.3	-1.3
CLZ	comp=Z,14nm,1.1s,mb4.8	85.72	37	eP	P	02 05 29.3	-1.3
MBDF	Montbardon	85.76	45	eP	P	02 05 29.4	-1.5
MBDF	comp=Z,21nm,1.1s,mb4.7	85.76	45	eP	P	02 05 29.4	-1.5
MBDF	Montbardon	85.76	45	eP	P	02 05 29.4	-1.5
MBDF	comp=Z,21nm,1.1s,mb4.7	85.76	45	eP	P	02 05 29.4	-1.5
MBDF	Montbardon	85.76	45	eP	P	02 05 29.4	-1.5
MBDF	comp=Z,11nm,1.1s,mb4.7	85.76	45	eP	P	02 05 29.4	-1.5
MBDF	Montbardon	85.76	45	eP	P	02 05 29.4	-1.5
MBDF	comp=Z,11nm,1.1s,mb4.7	85.76	45	eP	P	02 05 29.4	-1.5
LMR	La Moure	86.01	46	eP	P	02 05 30.0	-2.2
LMR	comp=Z,54nm,1.3s,mb4.9	86.01	46	eP	P	02 05 30.0	-2.2
LMR	La Moure	86.01	46	eP	P	02 05 30.0	-2.2
LMR	comp=Z,32nm,1.3s,mb4.7	86.01	46	eP	P	02 05 30.0	-2.2
LMR	La Moure	86.01	46	eP	P	02 05 30.0	

Table with columns: Station Name, Code, Az, El, Time, Res, and various other parameters. Includes stations like Beijing, Hu-hao-te, Urumqi, Ala-Archa, Kashi, Lanzhou, Wuhan, Chengdu, Guiyang, Lhasa, Alice Springs, Kakadu, Kunming, Chiang Mai, and Hyderabad.

Table with columns: Station Name, Code, Az, El, Time, Res, and various other parameters. Includes stations like Nakhon Sawan, Mahe Island, Marble Bar, Meekatharra, Mundaring, Kuching, Tomar, Zamans, Almeirim, Mazaricos, Manteigas, Vila Real, Sao Teotonio, and Estremoz.

Table with columns: Station Name, Code, Az, El, Time, Res, and various other parameters. Includes stations like Sao Teotonio, Marv??o, Marv??o, Estremoz, Moncorvo, Marletele, Vila Bisbo, Beja, Castro Verde, La Rua, Braganca, Badajoz, Calabor, Barranco-do-Ve, Vaqueiros, Barrancos, Pontenova, Espera, and San Pablo.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like EADA Adamuz, ESDC Sonseca Array, and EMIJ Mijas.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ESAC Mosqueruela, EMOB Mosqueruela, and ERTA Horta de San J.

NEIC 17 02:12:24.5, 19:13N-65:11W, h67km, MD3.8(RSPR), After RSPR

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and Residual. Lists stations like STVI Saint Thomas, ABV Anegada, and SJJG San Juan.

IDC 17 02:22:48.7-0.6, 19:28N-65:12W, h0km, mb4.0/15, mb1.4/2/17, mb1mx4.0/28, mbtmp4.0/17, ML4.1/2, MS3.4/4, Ms1.3/4, ms1mx2.9/34, Error ellipse: s-major=16.7km

TRN 17 02:22:52.4, 19:03N-65:25W, h18km, NEIC 17 02:22:54.0, 19:14N-65:16W, h6km, MD4.1(RSPR), After RSPR

RSPR 17 02:22:54.0, 19:14N-65:16W, h6km, MD4.1/18, MD4.1/18

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and Residual. Lists stations like STVI Saint Thomas, ABV Anegada, and SJJG San Juan.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like SJJG San Juan, AOPR Arecibo Observ, and TXAR Lajas Array.

Table with columns: Call Sign, Station Name, Frequency, Azimuth, Elevation, and other parameters. Includes stations like L16A Fish Haven, F18A Big Timber, K16A Soda Springs, etc.

Table with columns: Call Sign, Station Name, Frequency, Azimuth, Elevation, and other parameters. Includes stations like A10A Northport, F08A Pendleton, I07A Bess, etc.

NEIC 17 02:43:33.2, 19 15N-65 21W, h10km, MD3.8(RSPR), After RSPR.

RSRP 17 02:43:33.2, 19 15N-65 21W, h10km, MD3.8/14, MD3.8/14, 15C-2D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like STVI Saint Thomas, STVI Tortola, etc.

NEIC 17 02:49:17.5, 18 68N-69 42W, h28km, MD3.7(RSPR), After RSPR.

RSRP 17 02:49:17.5, 18 68N-69 42W, h28km, MD3.7/8, MD3.7/8, 8C, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PCDR Punta Cana, IMO Isla Mona, etc.

IDC 17 03:33:05.7, 14 0, 20 49S-177 66W, h517km, 134km, mb3.6/9, mb1 3.7/9, mb1mx3.5/18, mbtmt3.6/9, Error ellipse: s-maj=104.2km s-min=34.5km az=104.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CTA Charters Tower, STKA Stephens Creek, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OUZ Omahuta, DZM Mont Dzumak, NUC Port Laquerre, etc.

Table with columns: Name, Location, Date, Time, Status, and other details. Includes entries like MAW Mawson, KSRS Korea Array, YSS Yuzh-Sakhalins, etc.

Table with columns: Name, Location, Date, Time, Status, and other details. Includes entries like 319A Douglas, X16A Lo P Camp, PLCA Paso Flores, etc.

Table with columns: Name, Location, Date, Time, Status, and other details. Includes entries like baz=91, SNR=7.5, HHC Hu-ho-hao-te, 425A Indio Mountain, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other technical details. Includes stations like TIXI, ZALV, MKAR, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other technical details. Includes stations like KSP, NRDL, DRGR, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other technical details. Includes stations like AAK, AAK, KBK, etc.

BUJ 1703:36:05.8, 15:80N, 145:00E, h10km, mb5.1/4, mb4.5/7
IDC 1703:35:02.0, 15:83N, 144:19E, h0km, mb4.1/1.5,
mb1.4/3.0, mb1mx4.2/4.2, mb4pm, 1/16, ML3.8/1, MS3.5/16,
M1.3.5/16, m1mx3.4/2.8, Error ellipse: s-maj=26.3km
s-min=16.2km az=81.0
NEIC 1703:36:08.0, 15:80N, 144:19E, h10km, Error ellipse:
s-maj=16.1km s-min=8.4km az=83.0
ISCJB 1703:36:08.0, 15:75N, 145:00E, 0.2, h33km,
mb4.2/17, MS3.5/14, Error ellipse: s-maj=21.7km
s-min=7.3km az=173.5
ISC 1703:35:10.2, 15:72N, 145:00E, 0.2, h35km, n28,
h0772, mb4.2/17, MS3.5/14, Mariana Islands

Table with columns: BVAR, Borovoye Array, 51.74 311, P, Pmax, 04 52 41.0 +2.5, etc.

LDG 17 05:02:16.4e.1.0.18.48Sx169.90E, h10km, Ms4.0/6, Error ellipse: s-maj=138.5km s-min=3.5km az=122.0

ISCJB 17 05:02:23.0z.2.1.17.98Sx107.168.26E, 0.07, h40km, 17km, mb4.8/40, MS4.0/16, Error ellipse: s-maj=13.4km s-min=10.2km az=37.1

NEIC 17 05:02:26.9z.3.1.17.97Sx168.28E, mb4.9/21, Error ellipse: s-maj=8.6km s-min=7.9km az=137.0

NEIC Felt at Port-Vila, BUJ 17 05:02:26.0, 17.78S:168.79E, h78km, mb5.0/10, mb4.9/20, Ms5.1/9, Ms7.4/10

DJA 17 05:03:01, 18.17S:167.30E, h351km, mb4.7/17, ISC 17 05:02:25.0z.1.0.18.00Sx168.28E, 0.07, h43km, 17km, h65km, 2.1km, Pp-P, a107, s106/65, mb4.8/39, MS4.0/16, 6C, Vanuatu Islands

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

Main table with columns: KAKA, Kakadu, 34.92 273, eP, P, 05 09 12.1 -0.8, etc.

Table with columns: TXAR, Lajitas Array, 99.99 27, P, P, 05 15 00.8 -1.6, etc.

ATH 17 05:05:59.2, 36.17N:21.65E, h37km, MD3.2/3, Southern Greece

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

NEIC 17 05:15:42.5, 15.82N:61.48W, h20km, MD3.5(TRN), After TRN

TRN 17 05:15:43.1, 15.82N:61.53W, h24km, MD3.5, M3.4(FDF), 3D, Leeward Islands

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

IDC 17 05:46:41.0z.0.9.15.81N:61.66W, h0km, mb3.7/5, mb1.3/9.6, mb1mx3.7/23, mbtm3.8/6, ML5.8/1, MS2.9/2, Ms1.2/9.2, ms1mx2.5/30, Error ellipse: s-maj=12.8km s-min=9.8km az=118.0

TRN Felt HV Guadaloupe, TRN 17 05:46:41.3, 15.81N:61.56W, h15km, MD3.7, M3.2(FDF)

ISCJB 17 05:46:42.9z.0.3.15.85N:0.02z.61.63W, 0.06, h22km, 3km, mb3.8/5, Error ellipse: s-maj=10.1km s-min=2.8km az=162.9

NEIC 17 05:46:42.3, 15.81N:61.50W, h19km, MD3.7(TRN), After TRN

ISC 17 05:46:43.0z.0.3.15.85N:0.02z.61.59W, 0.05, h16km, 22km, n42, c074/61, mb3.8/5, 7C-6D, Leeward Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DBIC, Dimbokro, PDAR, ULM, SNOW, etc.

NEIC 17 07:29:42.8, 0.16:28N:89.47W, h10km, mb4.5/13, Error ellipse: s-maj=18.1km s-min=8.5km az=53.0

ISCJB 17 07:29:43.6, 1.17:36N:0.1:89.5W:0.1, h38km, 15km, mb4.5/10, Error ellipse: s-maj=25.4km s-min=10.1km az=44.4

ISC 17 07:29:44.9, 4.1, 16:22N:0.1:89.4W:0.1, h33km, 31km, n22, a1521/22, mb4.5/10, Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TEIGU, TGUH, KVXT, etc.

ISCJB 17 07:32:11.9, 0.5, 38:85N:0.03:32:76E:0.04, h10km, Error ellipse: s-maj=5.5km s-min=3.3km az=136.2

DDA 17 07:32:11.2, 38:84N:32:83E, h7km, 4km, MD2.8

CSEM 17 07:32:12.1, 0.2, 38:87N:32:74E, h10km, MD2.8, Error ellipse: s-maj=4.5km s-min=3.0km az=134.0

ISK 17 07:32:12.1, 38:89N:32:71E, h8km, MD2.9

KON 17 07:32:12.2, 0.6, 38:85N:0.03:32:79E:0.05, h3km, 8km, n24, a097/33, Turkey

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

ISC 17 07:38:29.6, 3.7, 55:52S:28.77W, h0km, mb3.7/2, mb1.3/9.2, mb1mx3.7/14, mbmp3.7/2, Error ellipse: s-maj=129.4km s-min=55.2km az=174.0, South Sandwich Islands region

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

YKA Yellowknife Ar 135.18 319 PKP PKPdf 07 57 49.2 -0.2

INK Inuvik 144.83 321 PKP PKPdf 07 58 05.9 -0.8

DDA 17 07:42:00.7, 37:49N:36:81E, h7km, 5km, MD2.8

ISK 17 07:42:00.6, 37:48N:36:84E, h8km, MD2.9

ISCJB 17 07:42:01.1, 0.1, 0.5, 37:51N:0.03:36:79E:0.03, h1km, 6km, Error ellipse: s-maj=5.4km s-min=3.6km az=176.2

CSEM 17 07:42:01.1, 0.2, 37:51N:0.36:82E, h5km, MD2.9, Error ellipse: s-maj=5.1km s-min=4.1km az=178.0

ISC 17 07:42:01.6, 0.4, 37:51N:0.03:36:80E:0.03, h5km, 7km, n27, a1910/45, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KMRS, ANDN, GAZ, etc.

GUC 17 07:50:34.5, 0.9, 22:38S:68:93W, h97km, 6km, ML3.5, 2D, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LVC, PLCA, OTAV, etc.

ISC 17 07:53:19.1, 2.8, 53:45N:87:56E, h0km, mb1.3/7.3, mb1mx3.2/8, mbmp3.7/3, ML3.7/3, Error ellipse: s-maj=26.5km s-min=12.6km az=59.0

NNC 17 07:53:20.5, 6.3, 53:29N:87:50E, h0km, mb4.0, mpv3.6, Error ellipse: s-maj=49.7km s-min=34.9km az=25.0

ISC 17 07:53:23.0, 2.0, 53:59N:0.08:87:4E:0.2, h35km, n7, a1803/12, 4C-5D, Western Siberia

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

ISC 17 07:57:13.1, 0.6, 19:75S:70:72W, h0km, mb4.4/11, mb1.4/5/12, mb1mx4.5/16, mbmp4.4/12, ML5.5/1, MS4.3/15, ML5.4/3/15, ms1mx4.2/24, Error ellipse: s-maj=27.3km s-min=12.2km az=67.0

GUC 17 07:57:14.5, 0.5, 20:05S:71:05W, h40km, 2km, ML5.1

GCMT 17 07:57:18.1, 0.3, 19:90S:70:30W, h23km, 1km, MS5.1/6/3, Moment Tensor Solution, s28, c35, s63, c81, Duration: 0. Moment tensor: Scale 10^16Nm; M1: 4.75, 25; M2: -0.09, 14; M3: -4.66, 20; M4: -0.09, 20; M5: 1.89, 11; M6: -2.67, 24; Best double couple: Ms5.76400x10^16 Nm^1.9x328.00000, s33.00000, A.70.00000. NP2: phi=171.00000, delta=859.00000, lambda=102.00000. Principal axes: T: 5.5620, Plg73.0000, Azm111.0000; N: 0.4010, Plg10.0000, Azm345.0000; P: -5.9650, Plg14.0000, Azm252.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 17 07:57:18.1, 0.2, 19:94S:70:80W, mb4.9/55, ML5.1(GUC) Error ellipse: s-maj=9.7km s-min=5.5km az=66.0

NEIC Felt at Iquique

ISCJB 17 07:57:19.0, 0.9, 19:90S:0:04:70:61W:0.07, h52km, 8km, mb4.7/62, MS4.7/13, Error ellipse: s-maj=11.4km s-min=6.3km az=159.6

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

BUI 17 07:57:19.1, 19:90S:70:80W, h27km, mb5.2/10, Ms5.4/11, Ms7.5/1/11

MOS 17 07:57:20.8, 1.4, 19:73S:70:77W, h54km, mb5.1/16, Error ellipse: s-maj=17.2km s-min=8.4km az=105.3

ISC 17 07:57:20.1, 1.5, 19:87S:0:04:70:60W:0.06, h34km, 10km, h29km, 1.3, kmp-P, n380, a0972/342, mb4.7/62, MS4.7/13, 96C-118D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HMBC, MNMC, PB01, etc.

801

Table with 4 columns: Property ID, Name, Value, and Status. Includes entries like CCM Cathedral Cave, CCM Cathedral Cave, CCM Malaga, etc.

2008 APR

Table with 4 columns: Property ID, Name, Value, and Status. Includes entries like R15A Junction, T13A Saint George, O19A Miners Draw, etc.

17d 7h

Table with 4 columns: Property ID, Name, Value, and Status. Includes entries like I17A Pilgrim Ck, ULM Lac du Bonnet, ULM Lac du Bonnet, etc.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Rows include stations like D13A Huson, E12A Beaver Dam Sad, B15A Bradley Ranch, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Rows include stations like HHC Beijing, BJI Beijing, LZH Lanzhou, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Rows include stations like CHTO SNR=38, KGM Kluang, NYKOM Kota Tinggri, etc.

Table with columns for station call signs (e.g., CLNS, KMBO, KMBV), names, frequencies, and various status indicators (e.g., P, S, M, L, R).

Table with columns for station call signs (e.g., KIEV, EIDS, VRI, PLOR, CLNS), names, frequencies, and various status indicators (e.g., P, S, M, L, R).

Table with columns for station call signs (e.g., BOSA, CEL, SOP, KOGS, ARCES), names, frequencies, and various status indicators (e.g., P, S, M, L, R).

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like EGMT Eagleton, D15A Lincoln, G11A Wharram Farm, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like R11A Troy Canyon, P13A Drum Mountains, Q14A Wheeler Ranch, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SIV comp=2.4,6nm,0.6s, SDV Santo Domingo, LVC Lirio Verde, etc.

Table with columns: Station, Name, Time, Az, El, SNR, etc. Includes stations like BBOO, YAK, YAK, YAK, etc.

Table with columns: Station, Name, Time, Az, El, SNR, etc. Includes stations like CLZ, BSEG, BSEG, BSEG, etc.

Table with columns: Station, Name, Time, Az, El, SNR, etc. Includes stations like MTLF, MTLF, RJF, RJF, etc.

ISC/JB 17 08:34:12.40.05.24:88N.0:04:122.79E.0:02, h133km,4km, Error ellipse: s-maj=6.1km s-min=2.9km az=163.7

TAP 17 08:34:13.0.24:94N:122:73E, h131km, ML3.8, C JMA 17 08:34:13.0.24:99N:122:78E, h127km, 3km, M3.3

ISC 17 08:34:12.9.0.5.24:90N.0:04:122.78E.0:02, h133km,5km, n52,0984/88,1D, Taiwan region

Table with columns: Code, Station Name, Time, Az, El, SNR, etc. Includes stations like YOJ, YOJ, TWB1, TWB1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HWA, WHF, TWT, ESL, NSST, etc.

ISCJB 17 08:38:01.1±0.7, 13.87N±0.08±91.39W±0.04, h17km±14km, Error ellipse: s-maj=13.9km s-min=4.2km az=24.7

CASC 17 08:38:02.8±2.2, 13.87N±91.23W, h19km±11km, MD3.9 MEX 17 08:38:03.0±0.4, 13.73N±91.55W, h72km±12km, MD4.0

NEIC 17 08:38:03.3, 13.73N±91.55W, h72km, MD4.0(MEX), After MEX

ISC 17 08:38:02.0±0.7, 13.85N±0.07±91.39W±0.04, h49km±26km, n27, c0.97/45, 4C-1D, Near coast of Guatemala

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

TEIG i/s Sx 08 41 05.8
ISCJB 17 09:05:21.1±0.6, 21.15S±0.04±68.7W±0.1, h137km±8km, mb3.1/2, Error ellipse: s-maj=17.6km s-min=6.3km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Plate Boundary, Villa Florida, LVC, etc.

IDC 17 09:06:11.7±2.5, 8.24N±91.80E, h0km, mb3.4/4, mb1 3.8/6, mb1mx3.5/24, mbtmp3.6/6, ML4.1/2, Error ellipse: s-maj=75.5km s-min=22.2km az=65.0

NEIC 17 09:06:17.5±1.4, 8.33N±92.00E, h35km, Error ellipse: s-maj=33.0km s-min=12.1km az=70.0, Nicobar Islands region

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

ISCJB 17 09:28:55.2±1.8, 36.38N±0.08±37.01E±0.08, h5km±10km, Error ellipse: s-maj=15.3km s-min=8.1km az=146.4

CSEM 17 09:28:55.5±0.9, 36.37N±37.00E, h10km, MD3.1, Error ellipse: s-maj=17.0km s-min=7.1km az=144.0

DDA 17 09:28:57.0, 36.45N±36.94E, h7km±4km, MD3.1

ISK 17 09:29:00.9, 36.66N±36.61E, h5km, ML2.4

ISC 17 09:29:56.4±1.9, 36.61N±0.09±36.98E±0.08, h10km±8km, n13, c0.69/21, Jordan-Syria region

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

CASC 17 09:36:28.0±1.9, 8.77N±83.20W, h6km, MD3.7, 2C-1D, Costa Rica

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

NNC 17 09:42:14.9±3.6, 40.84N±69.60E, h0km, mb3.2, mpv2.6, 4C, Error ellipse: s-maj=32.2km s-min=19.8km az=16.0, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Karatay Array, Tkm2, Tkm2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like El Canelo, San Jose de Ma, El Yeso, etc.

ISCJB 17 10:12:36.9±0.9, 37.84N±0.03±20.25E±0.05, h14km±5km, Error ellipse: s-maj=7.1km s-min=4.9km az=163.9

ATH 17 10:12:36.6, 37.81N±20.38E, h14km±1km, MD3.6/22

NEIC 17 10:12:36.6, 37.81N±20.38E, h14km, MD3.6(ATH), After ATH

CSEM 17 10:12:37.1±0.4, 37.80N±20.34E, h5km, ML3.5/4, Error ellipse: s-maj=8.4km s-min=4.8km az=63.0

THE 17 10:12:39.7, 37.83N±20.48E, h5km±1km, ML3.5/4, Error ellipse: s-maj=2.3km s-min=1.0km az=276.0

ISC 17 10:12:36.7±0.9, 37.82N±0.03±20.31E±0.05, h4km±5km, n12, c0.99/105, 1D, Ionian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Valsamata, Riolos of Patr, University Cam, etc.

IDC 17 09:06:11.7±2.5, 8.24N±91.80E, h0km, mb3.4/4, mb1 3.8/6, mb1mx3.5/24, mbtmp3.6/6, ML4.1/2, Error ellipse: s-maj=75.5km s-min=22.2km az=65.0

NEIC 17 09:06:17.5±1.4, 8.33N±92.00E, h35km, Error ellipse: s-maj=33.0km s-min=12.1km az=70.0, Nicobar Islands region

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

ISCJB 17 09:28:55.2±1.8, 36.38N±0.08±37.01E±0.08, h5km±10km, Error ellipse: s-maj=15.3km s-min=8.1km az=146.4

CSEM 17 09:28:55.5±0.9, 36.37N±37.00E, h10km, MD3.1, Error ellipse: s-maj=17.0km s-min=7.1km az=144.0

DDA 17 09:28:57.0, 36.45N±36.94E, h7km±4km, MD3.1

ISK 17 09:29:00.9, 36.66N±36.61E, h5km, ML2.4

ISC 17 09:29:56.4±1.9, 36.61N±0.09±36.98E±0.08, h10km±8km, n13, c0.69/21, Jordan-Syria region

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

CASC 17 09:36:28.0±1.9, 8.77N±83.20W, h6km, MD3.7, 2C-1D, Costa Rica

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

NNC 17 09:42:14.9±3.6, 40.84N±69.60E, h0km, mb3.2, mpv2.6, 4C, Error ellipse: s-maj=32.2km s-min=19.8km az=16.0, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Karatay Array, Tkm2, Tkm2, etc.

Table with columns for station code, name, coordinates, elevation, and various performance metrics. Includes stations like Mudanjiang, Petropavlovsk, Khabarovsk, and others.

Table with columns for station code, name, coordinates, elevation, and various performance metrics. Includes stations like SONGING, SONGING, SONGING, and others.

Table with columns for station code, name, coordinates, elevation, and various performance metrics. Includes stations like LON, LON, LON, and others.

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like 117A Oracle, C08A Higginbotham F, P13A Bates Ranch, G, V15A Kaibab Nationa, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like G15A Dillon, C14A Swan Lake, R112 Red Ridge, W16A Waterton Lakes, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like BCLA Wattenberg, WTTA Moosalm, SNTA Senefle, etc.

IDC 17:29:45.1: 1.7, 15:153:167:38h, h0km, mb4.0/6, mb1 4.2/6, mb1mx4.0/17, mbtmp4.0/6, Error ellipse: s-maj=59.1km s-min=30.1km az=134.0 ISCBJ 17:29:49.2: 1.1, 15:235:0:08:167:3E:0.1, h33km, mb4.0/6, Error ellipse: s-maj=21.0km s-min=11.4km az=166.1 NEIC 17:29:51.6: 0.4, 15:235:167:22E, h35km, Error ellipse: s-maj=17.8km s-min=14.1km az=166.0 ISC 17:29:50.8: 1.1, 15:165:0:09:167:3E:0.1, h35km, n23, o577/11, mb4.0/6, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, RAO Raoul Island, STKA Stephens Creek, WRA Warrungarra Arr, etc.

NNC 17 11:11:54.0, 0.9, 42.09N, 76.42E, h0km, mb2.5, mpv2.9, Error ellipse: s-maj=5.8km s-min=2.8km az=169.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ULHL Ulahol, KZA Kyzart, TKM2 Tokmak 2, etc.

CSEM 17 11:27:04.2, 36.23N-21.58E, h34km, MD3.2, After ATH

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PYL PYLOS, ITM Ithomi, KTH Kithira, etc.

MAN 17 11:29:15, 1127N-124.58E, h6km, mb4.4, ML3.3, MS3.1, 1C-1D, Leyte

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OCLP Ormoc, PLP Palo, BESP Borongan, etc.

ISCJB 17 11:36:22.7, 0.5, 28.00N, 0.03, 56.30E, h10km, Error ellipse: s-maj=6.3km s-min=4.1km az=169.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IBND Bandar-abas, BNBS Bandar-Abbas, KRBR Kerman, etc.

CSEM 17 11:58:35.7, 34.67N-23.75E, h5km, MD3.5, After ATH

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GVD Gavdhos, KARN Karanos, KRN Karanos, etc.

GUC 17 12:03:44.6, 1.0, 22.18S-68.36W, h224km, 20km, ML3.5, 3C-1D, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB04 Plate Boundary, PB01 Plate Boundary, CEN1 Los Morros, etc.

ISCJB 17 12:18:56.5, 0.7, 16.87N, 0.04, 100.19W, h21km, 4km, mb3.4/3, Error ellipse: s-maj=7.3km s-min=4.7km az=17.0

MEX 17 12:18:58.2, 0.9, 16.86N, 100.16W, h7km, 3km, MD4.1

NEIC 17 12:18:58.0, 16.82N, 100.18W, h5km, MD4.1 (MEX), After MEX

NEIC Felt at Acapulco, 17 12:19:01.1, 6.8, 17.71N, 99.94W, h0km, mb3.5/3, mb1.3/9.4, mb1mx3.7/2.1, mbtmp3.5/4, ML2.8/1, MS3.1/1, Mb1.3/1.1, ms1mx2.4/2.0, Error ellipse: s-maj=154.8km, s-min=21.7km az=22.0

ISC 17 12:18:57.1, 0.7, 16.88N, 0.04, 100.18W, h18km, 3km, n36, 1c106/64, mb3.4/3, Near coast of Guerrero

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PLIG Platanillo, PNIG Pinotepa, YAG Yautepec, etc.

CMIG Matias Romero, 5.07 87 Pn, 12 20 16.0 +3.7

CMIG 2.2m, 0.3s, baz=274, slow=5.7, SNR=6, 12 21 35.5

CMIG 2.174m, 18.3s, baz=223, slow=19.1, SNR=11, 12 22 19.5

CMIG 0.3m, 0.5s, baz=190, slow=7.3, SNR=2.7, 12 21 35.5

CMIG 1.7m, 0.8s, mb3.2, baz=145, slow=13, SNR=4.8, 12 22 19.5

PDAR Pinedale Array, 27.02 345 P, 12 24 39.7 +1.6

YKA Yellowknife Ar, 46.68 351 P, 12 27 24.1 -0.3

IDC 17 12:19:11.4, 3.2, 17.25N, 99.82E, h0km, mb3.5/5, mb1.3/6.6, mb1mx3.5/2.2, mbtmp3.5/6, ML2.8/1, Error ellipse: s-maj=126.6km s-min=24.4km az=58.0, Southern Sumatera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSI Prapat, CMAR Chiang Mai Arr, WRA Warrungarra Arr, etc.

ISCJB 17 12:27:43.0, 0.5, 16.82N, 0.05, 100.17W, h22km, 4km, mb3.7/4, Error ellipse: s-maj=8.3km s-min=4.8km az=18.7

IDC 17 12:27:44.5, 5.3, 17.16N, 99.88W, h0km, mb3.4/4, mb1.3/9.6, mb1mx3.8/2.2, mbtmp3.6/6, ML2.8/2, Error ellipse: s-maj=106.6km s-min=21.6km az=17.0

MEX 17 12:27:45.4, 0.5, 16.83N, 100.17W, h5km, 2km, MD4.2

NEIC 17 12:27:45.2, 16.82N, 100.17W, h14km, MD4.2 (MEX), After MEX

NEIC Felt at Acapulco, 17 12:27:44.4, 0.8, 16.84N, 0.05, 100.16W, h18km, 3km, n28, 1c115/50, mb3.7/4, Near coast of Guerrero

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

TXAR Lajitas Array, 12.85 346 P, 12 30 48.7 +2.5

TXAR 6.6m, 0.3s, baz=221, slow=19, SNR=4.4, 12 30 17.0

TXAR 1.6m, 0.5s, baz=132, slow=3.8, SNR=6.7, 12 34 36.0

TXAR 156, slow=25, SNR=4.0, 12 33 25.8 +2.8

TXAR 1.0m, 0.8s, mb3.5, baz=151, slow=8.9, SNR=8.1, 12 33 27.1 +1.4

TXAR 0.7m, 0.9s, mb3.2, baz=139, slow=9.2, SNR=4.6, 12 36 03.8 -0.7

YKA 1.3m, 0.8s, mb4.2, baz=253, slow=8.8, SNR=3.6, 12 36 11.8 -0.2

YKA 1.9m, 0.8s, mb3.9, baz=160, slow=7.3, SNR=19, 12 36 11.8 -0.2

IDC 17 12:31:17.9:1.0, 8.03S:68.05E, h0km, mb3.9, mb1 4.1/7, 1b1mx3.8/24, mbtmg3.9/7, MS3.5/6, Ms1 3.5/6, m1mx3.1/31, Error ellipse: s-maj=28.3km s-min=26.1km az=30.0, Chagos Archipelago region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Prapat, Lusaka, Chiang Mai Arr, etc.

ISC/JB 17 12:55:34.4:1.5, 37.36N:0.06:28.14E:0.07, h29km, 13km, Error ellipse: s-maj=12.1km s-min=6.5km az=41.6

CSEM 17 12:55:34.1:0.3, 37.32N:28.10E, h30km, ML1.8, Error ellipse: s-maj=9.0km s-min=6.0km az=38.0

IDK 17 12:55:34.6, 37.25N:28.09E, h26km, ML1.8, Error ellipse: s-maj=12.5km s-min=6.5km az=41.6

ISC 17 12:55:34.5:1.7, 37.36N:0.06:28.15E:0.07, h27km, 13km, n14, c098/24, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Yerkesik, Milas, Tasoluk, etc.

DDA 17 13:03:49.8, 38.31N:26.62E, h6km, 3km, Md2.9, Aegean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Izmir, Balcova, Zalmir, etc.

ISC 17 13:05:14.9:0.8, 39.66N:0.07:29.46E:0.05, h10km, n8, c061/10, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Uludag, Gediz, Dursunbey, etc.

DJA 17 13:11:31.1, 1.09S:126.89E, h30km, MLV3.1/3, Southern Malacca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Labuha, Namlea, Ampama, etc.

IDC 17 13:11:40.0:1.2, 35.29N:80.99E, h0km, mb3.4/6, mb1 3.5/9, mb1mx3.4/27, mbtmg3.4/9, ML3.5/3, Error ellipse: s-maj=28.4km s-min=22.4km az=89.0

ISC/JB 17 13:11:41.0:1.0, 35.44N:0.07:81.18E:0.10, h10km, mb3.4/6, Error ellipse: s-maj=12.4km s-min=8.6km az=146.8

NEIC 17 13:11:43.7:1.2, 35.42N:81.31E, h10km, mb3.6/1, Error ellipse: s-maj=23.9km s-min=13.0km az=220.0

ISC 17 13:11:42.0:0.8, 35.34N:0.07:80.98E:0.10, h10km, n17, c150/118, mb3.4/6, 4C, Kashmir-Xizang border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Kashi, Uchtor, Tokmak 2, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Borovoye Array, Alkubal array, AKTK, etc.

TAP 17 13:13:15.7, 21.12N:121.94E, h170km, 1km, ML3.9, D, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Lan-yu, Hengchuen, Pin, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Shoushan, Yuli, Taoyuan, etc.

BUJ 17 13:30:00.7, 5.15N:127.56E, h22km, mb5.0/27, mb5.1/52, Ms4.3/33, Ms7.0/31

MOS 17 13:30:04.6:1.0, 5.43N:127.44E, h36km, mb5.3/30, Error ellipse: s-maj=12.8km s-min=6.2km az=111.7

NEIC 17 13:30:06.5:0.2, 5.44N:127.44E, h35km, mb5.1/37, Error ellipse: s-maj=7.7km s-min=4.8km az=77.0

GGMT 17 13:30:06.5:0.3, 5.37N:127.42E, h55km, 4km, MW4.9/56, Moment Tensor Solution. s19,c20; s56,c83; Duration: 0.22s

MAN 17 13:30:09.5:36N:127.47E, h58km, mb5.6/ML4.6, MS5.0, ISC/JB 17 13:30:10.7:0.5, 5.42N:0.02:127.44E:0.03, h91km, 3km, mb5.1/111, Error ellipse: s-maj=5.5km s-min=3.5km az=172.6

IDC 17 13:30:10.3:1.1, 5.40N:127.46E, h69km, 8km, mb4.7/27, mb1 4.7/29, mb1mx4.6/31, mbtmg4.7/29, MS3.6/15, Ms1 3.8/15, ms1mx3.5/29, Error ellipse: s-maj=13.6km s-min=8.0km az=68.0

DJA 17 13:30:15.5:35N:127.31E, h95km, MW5.3/27, ISC 17 13:30:12.2:0.4, 5.42N:0.02:127.42E:0.03, h88km, 3km, h33km, 1.5km, P-P, n315, c198/31, mb5.1/111, 17C-19D, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Mati, Davao City, DAV, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Cibinong, Lapu-Lapu, Labuha, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Cuyo Island, Apsi, Namlea, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like San Jose, TSM, Tawau, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Santa Cruz, Cauayan, Kappang, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Bolinao, Sarmi, Conner, etc.

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Kota Tinggi, Kota Tinggi, Kota Tinggi, etc.

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

17d 13h

Table of flight data for 17d 13h, including columns for flight number, airline, origin, departure, arrival, status, and other flight details.

2008 APR

Table of flight data for 2008 APR, including columns for flight number, airline, origin, departure, arrival, status, and other flight details.

814

Table of flight data for 814, including columns for flight number, airline, origin, departure, arrival, status, and other flight details.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like NVS, KURK, BVAR, BRVK, ARU, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like NOA, YKA, BRG, CLL, GERES, NVAR, etc.

ISK 17 13:32:52.8, 38°89'N, 27°82'E, h5km, MD2.7
ISCUBJ 17 13:32:53.6, 0.6, 38°84'N, 0.04, 27°81'E, 0.04, h3km, 9km,
Error ellipse: s-maj=6.4km s-min=5.2km az=148.7

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like AKS, KULA, DEMI, etc.

ISK 17 13:41:17.5, 39°39'N, 40°79'E, h2km, ML3.6
ISCUBJ 17 13:41:18.3, 0.1, 39°39'N, 0.02, 40°81'E, 0.03, h1km, 5km,
Error ellipse: s-maj=4.2km s-min=3.0km az=148.7

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KOPT, ERZM, etc.

ISK 17 13:41:18.0, 0.1, 39°39'N, 0.02, 40°81'E, 0.03, h1km, 5km,
CSEM 17 13:41:18.0, 0.1, 39°39'N, 0.02, 40°81'E, 0.03, h1km, 5km,
Error ellipse: s-maj=3.8km s-min=3.1km az=161.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KOPD, ERZM, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like SVSK, URFA, GNI, etc.

ISCUBJ 17 13:50:03.1, 0.1, 9°31'N, 0.04, 126°29'E, 0.06, h48km, 11km,
mb1 7.7m, MS3.2/2, Error ellipse: s-maj=10.7km
s-min=7.3km az=5.9

MAN 17 13:50:05.9, 45N, 126.07E, h8km, mb5.1, ML4.0, MS4.2
IDC 17 13:50:11.0, 3.4, 9.27N, 126.50E, h99km, 32km, mb3.5/8,
mb1 3.7m, mb1mx3.5/22, mbtmp3.6/9, MS3.1/6, S1 3.1/6,
ms1mx2.9/25, Error ellipse: s-maj=42.6km s-min=15.5km
az=72.0

NEIC 17 13:50:13.9, 2.6, 9.11N, 126.29E, h123km, 21km, mb4.4/1,
Error ellipse: s-maj=43.9km s-min=13.9km az=62.0
ISC 17 13:50:04.7, 1.1, 9°30'N, 0.05, 126°29'E, 0.07, h41km, 13km,
n18, t109/39, mb3.7/9, MS3.2/2, 3C-3D, Mindanao

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BUTN, SCUP, etc.

IDC 17 13:53:08.2, 1.0, 0.87S, 67°20'E, h0km, mb3.7/5, mb1 3.9/5,
mb1mx3.6/23, mbtmp3.7/5, MS3.8/2, Ms1 3.8/2,
ms1mx2.9/33, Error ellipse: s-maj=60.3km s-min=31.2km

NEIC 17 13:53:01.9, 1.0, 9.05S, 67.19E, h10km, mb3.9/1, Error
ellipse: s-maj=29.1km s-min=27.1km az=107.0
ISC 17 13:53:09.6, 1.0, 9.05S, 67.17E, 0.03, h10km, n9, 066/77,
mb3.8/5, MS3.8/2, Carlsberg Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like PALK, CMAR, etc.

IDC 17 13:57:31.0, 2.0, 2°34'N, 95°69'E, h0km, mb3.6/5, mb1 3.7/7,
mb1mx3.6/23, mbtmp3.6/7, ML3.0/1, Error ellipse:
s-maj=59.5km s-min=21.1km az=57.0

NEIC 17 13:57:36.6, 1.0, 2.39N, 95.81E, h35km, mb3.4/1, Error
ellipse: s-maj=24.4km s-min=11.0km az=57.0, Off west
coast of northern Sumatra

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like PSI, CMAR, etc.

ISK 17 13:58:00.0, 36.32N, 34.41E, h13km, ML2.3
ISCJBJ 17 13:58:02.6, 0.8, 36.45N, 0.06, 34.28E, 0.07, h8km, 10km,
Error ellipse: s-maj=13.8km s-min=4.9km az=137.7
DDA 17 13:58:02.8, 36.56N, 34.13E, h7km, M3.0, M3.0
CSEM 17 13:58:03.0, 0.4, 36.56N, 34.17E, h2km, ML3.3, Error
ellipse: s-maj=15.3km s-min=5.9km az=145.0
ISC 17 13:58:03.0, 8, 36.46N, 0.06, 34.25E, 0.07, h6km, gkm,
n14, c098N/28, Turkey

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

IDC 17 14:13:03.0, 0.6, 55.83S, 158.41E, h0km, mb4.5/9,
mb1 4.6/9, mb1mx4.5/14, mbtmp4.5/9, MS3.0/1,
Ms1 3.8/10, ms1mx3.6/20, Error ellipse: s-maj=32.0km
s-min=17.9km az=67.0
ISCJBJ 17 14:13:04.0, 2.1, 55.61S, 0.06, 158.9E, 0.1, h23km, 23km,
mb4.6/15, MS3.7/9, Error ellipse: s-maj=12.1km
s-min=10.0km az=29.5
NEIC 17 14:13:04.2, 0.4, 55.73S, 158.54E, h10km, mb4.8/7, Error
ellipse: s-maj=9.6km s-min=8.2km az=104.0
ISC 17 14:13:06.7, 2.7, 55.66S, 0.06, 158.7E, 0.1, h22km, 20km,
n57, r1514/40, mb4.6/15, MS3.7/9, Macquarie Island
region

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like APZ, SYZ, TUZ, MLZ, etc.

YKA 0.8nm, 0.7s, baz=179, slow=0.7, SNR=4.5
Yellowknife Arr 136.61 42 PKP PKPdf 14 32 22.6 -0.9
0.5nm, 0.9s, baz=229, slow=2.1, SNR=6.7
LONJ Lake Ozonia 144.96 86 ePKP PKPdf 14 32 39.0 -2.1
RES Resolute Bay 146.81 28 PKPbc PKPbc 14 32 45.4 +0.1
2km, 0.9s, baz=267, slow=3.4, SNR=3.4
AKASG Malin Array Be 149.88 282 PKPbc PKPbc 14 32 53.4 -0.5
2.6nm, 0.6s, baz=95, slow=2.3, SNR=15.1
BUR08 Bucoovina Ar. S 150.55 274 ePKPbc PKPbc 14 32 55.6 0.0
KEST Kesra 151.12 39 PKPbc PKPbc 14 32 57.3 0.0
2.5nm, 0.9s, baz=357, slow=6.2, SNR=4.3
FINES FINES Array B 155.09 303 PKPab PKPab 14 33 20.0 -1.2
1.3nm, 0.7s, baz=83, slow=0.6, SNR=3.9

SKHL 17 14:30:32.1, 0.7, 46.57N, 141.167E, h9km, 2km, mb3.7/1
SKHL Felt (II-II) at Nevel'sk
JMA 17 14:30:32.0, 0.3, 46.75N, 141.162E, h5km, M3.1
ISCJBJ 17 14:30:34.0, 0.8, 46.67N, 0.03, 141.72E, 0.06, h12km, 6km,
Error ellipse: s-maj=7.0km s-min=4.3km az=178.9
ISC 17 14:30:34.8, 0.9, 46.66N, 0.03, 141.77E, 0.06, h12km, 7km,
n10, c0611/18, T, Sakhalin Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like YSS, JWK2, JRR, UGL, etc.

ASAJ Asahikawa 2.61 167 P Pn 14 31 17.4 +0.6
JTRK Abashiri-Toko 3.09 150 P Pn 14 31 22.6 -0.8
TEY Ternei 3.96 248 eS Sg 14 32 17.0 -4.7
TYV Tymooskoe 4.24 8 eS Sg 14 32 42.0 +0.1
TYV 4.24 8 eS Sg 14 32 59.0 +8.0
7.0nm, 0.5s
GRNR Gornyy 5.42 321 eS Sg 14 32 57.0 -0.7
10.0nm, 0.5s
GRNR 5.42 321 eS Sg 14 33 57.8
EKMR Ekimchan 8.57 322 eSg Sx 14 34 57.7
2nm, 0.6s

IDC 17 14:31:12.2, 1.3, 29.55N, 98.83E, h0km, mb3.3/5,
mb1 3.5/6, mb1mx3.3/25, mbtmp3.3/6, ML3.6/1, Error
ellipse: s-maj=70.5km s-min=19.4km az=62.0
NEIC 17 14:31:13.2, 0.9, 29.45N, 98.56E, h10km, Error ellipse:
s-maj=20.6km s-min=14.5km az=51.0
BUI 17 14:31:13.1, 1.1, 29.83N, 99.15E, h9km, ML3.1/6
ISC 17 14:31:13.1, 3.1, 29.77N, 0.1, 99.13E, 0.08, h4km, 18km, n9,
c0871/11, mb3.3/5, Sichuan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like CD2, LSA, SONM, MKR1, etc.

ISCJBJ 17 14:43:54.6, 0.3, 43.54N, 102.19, 13E, 0.03, h10km, Error
ellipse: s-maj=2.9km s-min=2.0km az=29.8
CSEM 17 14:43:54.7, 0.1, 43.54N, 102.19, 11E, h2km, ML3.0/9, Error
ellipse: s-maj=3.1km s-min=2.0km az=117.0
PDG 17 14:43:55.4, 0.3, 43.54N, 102.19, 11E, h5km, 2km, ML2.9/8
BEO 17 14:43:56.2, 0.1, 43.47N, 102.19, 15E, h12km, MD2.8/8,
ML3.0/9, Error ellipse: s-maj=0.7km s-min=0.6km az=90.0
ISC 17 14:43:55.2, 0.4, 43.55N, 102.19, 12E, 0.03, h6km, 4km,
n53, c090/99, 12C-14D, Northwestern Balkan Peninsula

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PLE, BBL, BBA, etc.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HCY, GRUS, STON, etc.

NEIC 17 14:45:01.0, 16.90N, 100.14W, h10km, MD3.7(MEX), After
MEX.
MEX 17 14:45:00.9, 0.6, 16.89N, 100.15W, h9km, 2km, MD3.7,
Near coast of Guerrero

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

CSEM 17 14:46:37.9, 0.2, 39.81N, 32.97E, h12km, MD2.8, Error
ellipse: s-maj=5.3km s-min=3.6km az=41.0
DDA 17 14:46:37.7, 39.85N, 32.99E, h8km, 4km, MD2.8
ISK 17 14:46:37.7, 39.89N, 33.02E, h9km, MD2.8
ISCJBJ 17 14:46:38.3, 0.6, 39.80N, 0.04, 32.91E, 0.06, h11km, 5km,
Error ellipse: s-maj=8.3km s-min=5.3km az=149.4
ISC 17 14:46:38.6, 0.6, 39.78N, 0.04, 32.89E, 0.06, h12km, 4km,
n17, c099N/26, Turkey

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

IDC 17 14:56:06.2, 2.1, 1.34N, 97.10E, h0km, mb3.8/6, mb1 3.8/8,
mb1mx3.6/23, mbtmp3.7/8, ML3.3/2, Error ellipse:
s-maj=46.3km s-min=28.4km az=46.0
DJA 17 14:56:07.1, 2.24N, 96.83E, h10km, MLv4.1/6
ISC 17 14:56:06.0, 2.1, 1.2N, 0.1, 96.80E, 0.07, h8km, 11km, n15,
c094/16, mb3.8/6, Off west coast of northern Sumatra

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

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like ANMO Albuquerque, X20A Quemado, Y13A Salome, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like HLID Hailey, I13A Wildhorse Cree, K10A MacKenzie Ranc, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like SALZBURG, KBA Koelnbreinspre, KBA Koelnbreinspre, etc.

GUC 17 16:00:30.9-1.0, 2.338S-67.27W, h228km±19km, ML3.5, 1C-2D, Chile-Argentina border region

ISCJB 17 16:00:30.6-0.1, 4.7755N-0.008-12.87E±0.01, h10km, Error ellipse: s-maj=1.2km s-min=1.1km az=156.0

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ABH Alteburg, RHK Tenkes, GTTG Gvttingen, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like LOR Lormes, BAIF Baives, SMF Signal de Mont, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like 627A Terlingua Ranc, TXAR Lajitas Arr, TXAR Cox Ranch, etc.

MEX 17:16:09:32.8; 1.0, 13.98N; 93.18W, h14km, 24km, MD4.4
NEIC 17:16:09:32.8, 13.98N; 93.18W, h14km, mb4.4/28, MD4.4(MEX), After MEX.
BUI 17:16:09:33.2, 14.00N; 93.20W, h13km, mb5.3/2, Ms4.9/1, Ms7.4/3/1
ISCJB 17:16:09:35.0; 1.2, 14.17N; 0.04; 93.03W; 0.03, h33km, 9km, s-min=4.3km az=33.6
IDC 17:16:09:37.3; 3.6, 14.28N; 92.90W, h40km, 29km, mb3.9/8, mb1.4/2/12, mb1mx3.9/27, mbtmp4.1/12, MLS.9/4, MS3.5/11, Ms1.3/5/11, ms1mx3.3/28, Err ellipse: s-maj=39.9km s-min=14.2km az=42.0
ISC 17:16:09:35.5; 1.2, 14.20N; 0.04; 93.01W; 0.03, h20km, 9km, n208, o89/220, mb4.3/32, MS3.6/9, 58C-54D, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details. Includes stations like THIG THIG, JAT Jato, PCIG El Faro, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like SDKM Sandakan, COEN Coen, KKM Kota Kinabalu, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like CTA Charters Tower, CTAO Charters Tower, TIY Taiyuan, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like KTGM Kuala Trengganu, MYKOM Kota Tinggi, NST Nakhon Sawan, etc.

H08A	Prairie City	83.50	46	↑P	P	17 15 20.8	+0.1
SAO	San Andreas Ge	83.51	54	PFAKE LR	LR	17 15 30.0	+9.0
SAO	comp=Z,943nm,22.0s,MS5.1						
KLMR	Klimovskoe	83.53	332	↑P	P	17 15 19.6	-0.9
KLMR	comp=Z,140nm,1.6s,mb5.8						
BEKR	Beckurth	83.54	51	↑P	P	17 15 20.8	-0.2
F09A	S2 Ranch, Elgi	83.69	44	↑P	P	17 15 21.3	-0.4
D10A	Wagner Farm, O	83.74	43	↑P	P	17 15 21.3	-0.6
A11A	Hall Mountain,	83.78	41	↑P	P	17 15 22.1	+0.1
G09A	Cove	83.90	45	↑P	P	17 15 22.3	-0.5
B11A	Sandpoint	83.92	41	↑P	P	17 15 22.6	-0.2
J08A	Circle Bar Ran	83.96	47	↑P	P	17 15 22.9	-0.2
CMB	Columbia Colle	84.00	52	eP	P	17 15 24.0	+0.6
CMB	comp=Z,1µm,21.0s,MS5.3						
E10A	Myers Farm, Un	84.01	43	↑P	P	17 15 22.8	-0.4
F10A	Beach Ranch, E	84.08	44	↑P	P	17 15 23.2	-0.5
WVOR	Wild Horse Val	84.10	48	P	Pmax	17 15 24.4	+0.6
WVOR	comp=Z,110nm,2.0s,mb5.6						
WVOR	Wild Horse Val	84.10	48	eP	P	17 15 23.6	-0.2
WVOR	comp=Z,106nm,2.0s,mb5.6						
WCN	Washoe City	84.13	51	↑P	P	17 15 24.2	+0.1
H09A	Durkee	84.15	45	↑P	P	17 15 23.9	-0.2
A12A	Yaak River Ran	84.23	41	↑P	P	17 15 24.2	-0.2
EDM	Edmonton	84.28	36	eP	P	17 15 25.4	+0.9
I09A	Lost Marbles R	84.30	46	↑P	P	17 15 24.2	-0.6
PAHR	Pah Rah Range	84.30	50	eP	P	17 15 25.6	+0.7
KEV	Kevo	84.33	342	eP	P	17 15 22.1	-2.4
KEV	comp=Z,1.0nm,0.4s,mb4.3						
KEV	Kevo	84.33	342	eP	P	17 15 22.1	-2.4
KEV	comp=Z,0.8nm,0.4s,mb4.2						
KEV	Kevo	84.33	342	PFAKE LR	LR	17 15 40.0	+1.6
G10A	Bishop Farm, J	84.34	45	↑P	P	17 15 24.7	-0.3
BMO	Blue Mountains	84.34	45	eP	LR	17 15 24.5	-0.6
BMO	comp=Z,1µm,21.0s,MS5.3						
D11A	Klaveano Farm,	84.35	43	↑P	P	17 15 24.8	-0.2
L08A	Fields	84.37	48	↑P	P	17 15 25.3	0.0
B12A	Libby	84.41	41	↑P	P	17 15 25.2	-0.1
J09A	Fry Pan Ranch,	84.47	47	↑P	P	17 15 25.3	-0.4
WAKR	Walker	84.59	52	eP	P	17 15 27.5	+1.1
MAK	Makhachkala	84.60	313	eP	P	17 15 24.4	-2.0
MAK	MAK			eS	SS	17 25 42.6	-1.0
MAK	MAK			eS	SS	17 31 21.2	-2.1
E11A	Bogner Ranch,	84.64	43	↑P	P	17 15 25.5	-1.0
C12B	Naegel Ranch,	84.71	42	↑P	P	17 15 26.3	-0.6
H10A	Noah's Angus R	84.80	45	↑P	P	17 15 26.6	-0.7
F11A	Grangeville	84.82	44	↑P	P	17 15 26.7	-0.7
G11A	Walters Elk Ra	84.89	44	↑P	P	17 15 26.8	-1.0
ARCES	ARCES Array B	84.90	342	P	P	17 15 27.6	+0.3
ARCES	comp=Z,25nm,0.9s,mb5.9,baz=48,slow=5.4,SNR=19						
I10A	Payette	84.91	46	↑P	P	17 15 27.9	0.0
D12A	Red Ives Fores	84.99	43	↑P	P	17 15 27.8	-0.4
A13A	Flathead Natio	85.01	41	↑P	P	17 15 28.5	+0.2
SMMC	Simmler	85.03	55	↑P	P	17 15 29.2	+0.5
E12A	Beaver Dam Sad	85.05	43	↑P	P	17 15 28.2	-0.4
BSMT	Basso Peak	85.11	42	↑P	P	17 15 29.3	+0.4
J10A	Berg Farm, Mel	85.13	46	↑P	P	17 15 28.9	-0.1
B13A	Whitefish	85.15	41	↑P	P	17 15 28.7	-0.3
K10A	MacKenzie Ranc	85.25	47	↑P	P	17 15 29.1	-0.5
H11A	Donnelly	85.27	45	↑P	P	17 15 28.7	-1.0
WALA	Wateron Lakes	85.28	40	eP	P	17 15 30.6	+0.9
PKM	Peak Mountain	85.28	55	↑P	P	17 15 30.2	+0.2
MLAC	Mammoth Lakes	85.29	52	↑P	P	17 15 30.0	+0.1
C13A	Hot Springs	85.30	42	↑P	P	17 15 29.3	-0.5
RCTC	Rector, Farmer	85.35	54	↑P	P	17 15 29.7	-0.5
F12A	Elk City	85.46	44	↑P	P	17 15 30.0	-0.6
NVAR	Mina Array Bea	85.47	51	P	P	17 15 30.8	0.0
JTMT	Jette	85.47	42	eP	P	17 15 30.8	+0.2
SBC	Santa Barbara	85.49	56	↑P	P	17 15 31.2	+0.2
I11A	Placerville	85.55	46	↑P	P	17 15 31.0	-0.1
D13A	Huson	85.56	42	↑P	P	17 15 30.4	-0.7
VES	Vestal, Richgr	85.60	54	↑P	P	17 15 30.8	-0.8
YBMT	Yellow Bay	85.60	42	eP	P	17 15 31.5	+0.2
G12A	Big Creek, Yel	85.60	44	↑P	P	17 15 30.6	-0.7
A14A	Double T Ranch	85.61	40	↑P	P	17 15 31.6	+0.3
BSC	Santa Cruz Isl	85.68	56	↑P	P	17 15 31.7	-0.3
BMN	Battle Mountai	85.69	49	eP	P	17 15 31.8	0.0
BMN	comp=Z,18nm,1.4s,mb5.1						
BMN	Swartz Lake	85.72	42	eP	LR	17 15 31.4	-0.5
SWMT	comp=Z,13nm,1.3s,mb5.0						
SWMT	Juniper Basin	85.74	48	↑P	P	17 15 32.2	+0.1
L10A	Camas Ranch	85.79	46	↑P	P	17 15 32.3	0.0
MFID	Camas Ranch	85.79	46	↑P	P	17 15 32.3	0.0
K11A	Parker Ranch,	85.84	47	↑P	P	17 15 32.7	+0.1
CASY	Casey	85.86	193	PFAKE LR	LR	17 15 40.0	+8.1
CASY	comp=Z,725nm,19.0s,MS5.1						
M10A	I.L. Ranch, Tu	85.86	48	↑P	P	17 15 32.7	0.0
VRHR	Novokhopersk	85.86	322	eP	Pmax	17 15 33.0	+0.5
VRHR	comp=N,10.0nm,0.6s						
VRHR	comp=Z,10.0nm,0.6s,mb5.2						
VRHR	comp=E,10.0nm,0.9s						
VRHR	comp=N,2µm,15.0s,MS5.7						
VRHR	comp=Z,500nm,15.0s,MS5.0						
VRHR	comp=E,2µm,20.0s,MS5.7						
TIN	Tinemaha	85.92	53	↑P	P	17 15 33.3	+0.2

E13A	Victor	85.94	43	↑P	P	17 15 32.3	-0.7
RBK	Rabkut	85.96	287	↑P	P	17 15 34.1	+0.4
SNCC	San Nicolas Is	85.98	57	↑P	P	17 15 33.7	+0.2
MSO	Missoula	85.98	42	PFAKE LR	LR	17 15 40.0	+6.8
MSO	comp=Z,721nm,20.0s,MS5.1						
ARVC	Arvin	86.00	55	↑P	P	17 15 33.4	-0.2
A15A	Johnson Ranch,	86.04	40	↑P	P	17 15 33.3	-0.1
F13A	Darby	86.06	44	↑P	P	17 15 32.9	-0.8
H12A	Diamond D Ranc	86.10	45	↑P	P	17 15 33.6	-0.3
N10A	Dunphy	86.12	49	↑P	P	17 15 34.2	+0.2
ISA	Isabella	86.12	54	↑P	P	17 15 33.6	-0.5
ISA	Isabella	86.12	54	eP	P	17 15 34.0	-0.2
SLMT	Seasr Lake	86.14	42	eP	P	17 15 33.6	-0.5
I12A	Atlanta	86.15	46	↑P	P	17 15 33.3	-0.9
D14A	Greenough	86.18	42	↑P	P	17 15 33.3	-0.9
CWC	Cottonwood Cre	86.21	53	↑P	P	17 15 34.4	-0.2
JOF	Joensuu	86.21	335	eP	Pmax	17 15 30.1	-3.9
JOF	comp=Z,1.0nm,0.3s,mb4.5						
JOF	Joensuu	86.21	335	eP	P	17 15 30.1	-3.9
L11A	Cat Creek Ranch	86.22	47	↑P	P	17 15 35.0	+0.5
OSI	Osito Adit	86.23	55	↑P	P	17 15 34.6	-0.1
WHFO	Wadi Hawf	86.25	287	↑P	P	17 15 36.0	+0.9
O10A	Cortez Mining,	86.26	49	↑P	P	17 15 35.2	+0.5
J12A	Stokes Ranch,	86.34	46	↑P	P	17 15 34.8	-0.3
G13A	Cobalt	86.35	44	↑P	P	17 15 34.4	-0.6
B15A	Bradley Branch,	86.37	41	↑P	P	17 15 34.2	-0.9
MOS	Moscow	86.38	327	eP	P	17 15 32.4	-2.6
MOS	MOS			eS	S	17 19 04.7	
MOS	MOS			eS	S	17 25 56.3	-1.3
MOS	comp=Z,36nm,0.7s,mb5.7						
CHMT	Chamlerin Mt	86.40	42	eP	P	17 15 34.2	-1.1
E14A	Clinton	86.41	43	↑P	P	17 15 34.7	-0.6
M11A	Holland Ranch,	86.42	48	↑P	P	17 15 35.8	+0.3
P10A	Cureka	86.49	50	↑P	P	17 15 35.4	-0.4
H13A	Challis	86.50	45	↑P	P	17 15 35.4	-0.4
C15A	Salmon Ranch,	86.53	41	↑P	P	17 15 35.5	-0.4
GRAC	Grapevine Rang	86.59	53	↑P	P	17 15 37.0	+0.6
DAC	Darwin (Calif)	86.63	53	PFAKE LR	LR	17 15 50.0	+1.3
DAC	comp=Z,891nm,20.0s,MS5.2						
DECC	Green Verdugo	86.64	55	↑P	P	17 15 36.5	-0.2
N11A	Elko Archery C	86.65	49	↑P	P	17 15 36.6	0.0
K12A	Draper Farm, C	86.67	47	↑P	P	17 15 36.7	0.0
F14A	Wisdom	86.69	43	↑P	P	17 15 35.9	-0.8
HLID	Hailey	86.72	46	↑P	P	17 15 36.7	-0.2
HLID	Hailey	86.72	46	eP	LR	17 15 36.5	-0.4
EDW2	Edwards Air Fo	86.73	55	↑P	P	17 15 36.9	-0.2
L12A	House Creek Ra	86.75	47	↑P	P	17 15 37.0	0.0
A16A	West Butte Ran	86.75	40	↑P	P	17 15 36.3	-0.6
MPMC	Manual Prospec	86.77	54	↑P	P	17 15 37.5	+0.2
Q10A	Clear Creek Ra	86.77	51	↑P	P	17 15 37.1	-0.2
LRMC	Laurel Mountai	86.79	54	↑P	P	17 15 37.3	-0.2
I13A	Wildrose Cree	86.81	45	↑P	P	17 15 37.5	+0.2
G14A	Jackson	86.82	44	↑P	P	17 15 36.7	-0.6
FMP	Fort Macarthur	86.83	56	↑P	P	17 15 37.6	-0.1
D15A	Lincoln	86.83	42	↑P	P	17 15 37.1	-0.3
CIS	Catalina Islan	86.83	56	↑P	P	17 15 37.2	-0.5
ABTO	Aybut	86.84	287	↑P	P	17 15 38.6	+0.7
MWC	Mount Wilson	86.87	55	eP	P	17 15 38.1	+0.3
MWC	Mount Wilson	86.87	55	eP	P	17 15 38.1	+0.3
MWC	comp=Z,137nm,2.0s,mb5.8						
MWC	Mount Wilson	86.87	55	eP	P	17 15 38.1	+0.3
B16A	M & M Farms, S	86.87	40	↑P	P	17 15 36.7	-0.9
S10A	Toponah Range,	86.90	52	↑P	P	17 15 37.9	-0.1
O11A	Cowboy Ranch,	86.92	49	↑P	P	17 15 38.0	+0.1
J13A	Cove Ranch, Pi	86.94	46	↑P	P	17 15 37.7	-0.3
E15A	Deer Lodge	86.96	43	↑P	P	17 15 37.6	-0.4
DAG	Danmarks Havn	86.99	356	↑P	Pmax	17 15 36.4	-1.2
DAG	comp=Z,27nm,1.1s,mb5.4						
DAG	Danmarks Havn	86.99	356	↑P	P	17 15 36.4	-1.2
R10A	Warm Springs	87.01	51	↑P	P	17 15 38.5	+0.1
P11A	Circle Ranch,	87.03	50	↑P	P	17 15 38.4	-0.1
M12A	Wells	87.05	48	↑P	P	17 15 38.4	-0.2
C16A	Fuhringer Ranc	87.06	41	↑P	P	17 15 37.7	-0.8
H14A	Leadore	87.09	44	↑P	P	17 15 38.4	-0.3
FURC	Furnace Creek,	87.14	53	↑P	P	17 15 39.1	0.0
N12A	Clover Valley,	87.14	48	↑P	P	17 15 39.3	+0.3
N12A	Clover Valley,	87.14	48	eP	P	17 15 39.0	-0.1
BFSC	Mount Baldy St	87.18	55	↑P	P	17 15 39.3	-0.1
OBN	Obninsk	87.18	327	eP	P	17 15 38.5	-0.4
OBN	OBN			/S	SS	17 26 0	

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like X21A Alamocita Cree, 120A U Bar Ranch, L, NOA NORSTAR Array B, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like BFO Black Forest, KVTX Kingsville, NATX Nacogdoches, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like OKC Moravsky Berou, MORC Ojcow, JAVC Velka Javorina, etc.

ISK 17 18:01:55.7, 36.98N, 29.19E, h5km, MD2.9
ISCJB 17 18:01:56.0, 0.5, 36.97N, 0.0, 0.3, 29.20E, 0.0, 3, h1km, 5km,
Error ellipse: s-maj=4.8km s-min=3.8km az=146.2
CSEM 17 18:01:56.3, 0.1, 36.98N, 29.20E, h5km, MD2.9, Error
ellipse: s-maj=3.0km s-min=2.4km az=168.0
DDA 17 18:01:56.4, 37.00N, 29.18E, h7km, 5km, MD2.9
ISC 17 18:01:56.5, 0.5, 36.97N, 0.0, 0.3, 29.20E, 0.0, 3, h4km, 4km,
n59, 0.86275, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Mode, Time, Res. Includes stations like GLHS Gihisar (BURDU), GLHS Gihisar (SUDU), etc.

Table with columns: KIZT, Kizilcal, 2.85 47 ePn, Pn, 18 02 43.3 +0.6. Includes NEIC 17 18:37:47.6, 17.02N-99.13W, h20km, MD3.6 (MEX), After MEX. MEX 17 18:37:47.6+0.5, 17.01N-99.12W, h20km, 25km, MD3.6, Guerrero.

ISK 17 18:44:04.7, 36.94N-29.31E, h5km, MD2.8
ISCJB 17 18:44:06.5, 0.4, 36.92N, 0.03, 29.32E, 0.03, h10km, Error
Error ellipse: s-maj=4.0km s-min=3.4km az=145.2
CSEM 17 18:44:06.1, 0.1, 36.93N-29.32E, h5km, MD2.8, Error
Error ellipse: s-maj=2.6km s-min=2.2km az=143.0
DDA 17 18:44:06.6, 36.97N-29.26E, h7km, 5km, MD2.8
ISC 17 18:44:06.7, 0.5, 36.93N, 0.03, 29.29E, 0.04, h5km, 5km, n36, c081/56, Turkey

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Includes stations like GLHS Gihisar (BURDU), FETHY Fethiye, GOLH Golhisar, etc.

ISK 17 19:01:17.9, 36.93N-29.36E, h7km, MD2.7
ISCJB 17 19:01:18.5, 0.5, 36.95N, 0.03, 29.35E, 0.05, h2km, 6km, Error
Error ellipse: s-maj=6.4km s-min=4.9km az=14.4
CSEM 17 19:01:18.4, 0.2, 36.95N-29.35E, h2km, MD2.7, Error
Error ellipse: s-maj=4.0km s-min=3.6km az=175.0
DDA 17 19:01:18.5, 36.98N-29.31E, h6km, 6km, MD2.9
ISC 17 19:01:18.8, 0.5, 36.95N, 0.03, 29.34E, 0.04, h3km, 7km, n26, c085/41, Turkey

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Includes stations like GLHS Gihisar (BURDU), FETHY Fethiye, GOLH Golhisar, etc.

IDC 17 19:08:59.0, 0.5, 55.30S-158.89E, h0km, mb4.9/11, mb1.5/0/11, mb1mx4.9/14, mbtmp4.8/11, MS4.3/12, Ms1.4/3/12, ms1mx4.2/14, Error ellipse: s-maj=26.7km s-min=15.7km az=64.0
NEIC 17 19:09:00.8, 0.2, 55.41S-158.72E, h10km, mb5.2/13, Error ellipse: s-maj=7.9km s-min=5.7km az=126.0
MOS 17 19:09:00.9, 1.6, 55.22S-158.63E, h10km, mb5.2/8, Error ellipse: s-maj=30.9km s-min=11.7km az=106.2
GCMT 17 19:09:00.3, 5.5, 34S-158.21E, h32km, MW5.1/61, Moment Tensor Solution: 546, c57, s61, c85, Duration: 0 Moment tensor: Scale 1015Nm; Mw=6.4; Ms=0.71; 16; Mw=5.35; 16; Mw=0.28; 23; Mw=0.75; 14; Mw=0.35; 21; Best double couple: Ms=0.64000, 1016 NP1=192.00000, 843.00000, 497.00000; NP2=0.2, 0.00000, 847.00000, 1.844.00000. Principal axes: T 4.6760, Plg85.0000, Azm208.0000; N 0.7770, Plg5.0000, Azm7.0000; P -5.4510, Plg2.0000, Azm97.0000; nsta1 refers to surface waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
ISCJB 17 19:09:00.3, 2.4, 55.31S, 0.05, 158.8E, 0.1, h16km, 18km, mb5.0/28, MS4.3/13 Error ellipse: s-maj=9.8km s-min=7.7km az=78.0
DJA 17 19:09:11.5, 54.94S, 158.84E, h76km, ms5.2/30
ISC 17 19:08:04.9, 1.1, 55.31S, 0.05, 158.8E, 0.1, h36km, 11km, n243, c095/89, mb5.0/28, MS4.3/13, 17C-6D, Macquarie Island region

Table with columns: Code, Station Name, Delta, AZ, Phase ID, Time, Res. Includes stations like APZ The Paps, APZ The Paps, APZ Scrubby Hill, etc.

Table with columns: PPT, Papeete, 54.22 67 eS, S, 19 28 05.3 +3.7. Includes stations like PPT Papeete, PPT Papeete, PPT Papeete, etc.

17d 21h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h, m, s, ISC. Includes stations like Bilibino, Kishinev, Tsumeb, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h, m, s, ISC. Includes stations like XG, FUG, JAT, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h, m, s, ISC. Includes stations like SLB, Belfond, MCLT, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h, m, s, ISC. Includes stations like TBG, PHG, HMG, etc.

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

Table with columns: MUO, Muotathal, 0.57, 8, P, Pg, 21 42 16.0 +0.6, SNR=1.0, LPL, La Plagne, 1.53 235, ePg, Pg, 21 42 34.6 +1.1, etc.

Table with columns: LPL, La Plagne, 1.53 235, ePg, Pg, 21 42 34.6 +1.1, RSP, Reno Superiore, 1.53 216, P, Sn, 21 42 31.6 +0.3, etc.

Table with columns: RFYF, Refroy, 3.04 318, eSg, Sg, 21 43 41.6 -0.2, RYFV, Refroy, 3.04 318, eSg, Sg, 21 43 41.6 -0.2, etc.

IDC 17 21:52:44.9: 6, 25:65Sx179:94W, h434km, 88km, mb3.1/2, mb1 3.4/3, mb1 mx3.1/15, mbtmp3.3/3, Error ellipse: s-maj=80.0km s-min=30.9km az=43.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, URZ, Urewera, 12.82 191, P, 21 55 32.7 +0.5, etc.

Table of celestial objects with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for ENEZ, RDO, KSH, UCH, AAK, etc.

JMA 17 22:05:35.3, 0.3, 28.83N:128.73E, h14km, M3.2, IDC 17 22:05:43.9, 28.58N:127.98E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.5/23, mbtmp3.6/4, MS3.5/5, Ms1 3.1/5, ms1mx2.7/31, Error ellipse: s-maj=202.7km s-min=20.3km az=66.0

ISC 17 22:05:35.6, 2.4, 28.78N:128.78E, h10km, 18km, n15, o=49/12, mb3.6/5, MS3.1/3, Ryukyus Islands

Table of celestial objects with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for WHN, CBJ, GYA, etc.

IDC 17 22:31:09.8, 1.2, 35.11N:81.16E, h0km, mb4.0/4, mb1 3.8/8, mb1mx3.5/27, mbtmp3.6/8, ML3.4/3, Error ellipse: s-maj=34.5km s-min=24.2km az=74.0

ISC 17 22:31:12.2, 0.9, 35.19N:81.48E, h10km, mb3.9/4, Error ellipse: s-maj=15.2km s-min=12.2km az=153.0

BJJ 17 22:31:13.5, 35.21N:81.36E, h8km, ML3.4/5

ISC 17 22:31:11.9, 0.9, 35.13N:0.09, 81.5E:0.1, h10km, n17, o=132/16, mb3.9/4, Southern Xinjiang

Table of celestial objects with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for KSH, UCH, AAK, etc.

Table with title 'CASC 17 22:31:49.0, 1.4, 8.47N:82.83W, h6km, MD3.6, 3C, Panama-Costa Rica border region' and columns: Code, Station Name, Az, Phase ID, Time, Res.

BJJ 17 22:38:49.3, 13.18N:125.77E, h19km, mb4.8/21, mb4.7/38, Ms4.4/20, Ms7.4/20, ISCJB 17 22:38:50.2, 1.1, 13.50N:125.50E:0.04, h8km, 6km, s-min=4.4km az=164.1, IDC 17 22:38:50.3, 0.5, 13.44N:125.49E, h0km, mb4.5/20, mb1 4.0/21, mb1mx4.5/27, mbtmp4.5/21, ML4.7/1, MS3.6/15, Ms1 3.6/15, ms1mx3.4/38, Error ellipse: s-maj=22.3km s-min=11.4km az=65.0

Table of celestial objects with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CNP, PVCP, BESP, AUOP, GOP, RCP, MASIN, etc.

KSM Kuching 19.20 233 eP Pn 22 43 16.4 -0.8

Table of celestial objects with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for WHN, CBJ, GYA, etc.

Large table of celestial objects with columns: DL2, MJAR, KULM, CMAR, etc., including Station Name, Az, Phase ID, Time, Res.

Table with columns: CTA, Charters Tower, Frequency, Power, Azimuth, Elevation, SNR, and other technical details for various stations.

Table with columns: ABKAR, Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details for various stations.

FUNV 17:22:43.14.0, 11.44N.69.49W, h25km, MW3.5, 1C-2D, Near coast of Venezuelan

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details for stations in the FUNV region.

LDG 17:22:51.53.4+0.4, 12.21S; 167.86E, h10km, Mb5.4, Error ellipse: s-maj=52.6km s-min=19.1km az=86.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, s, ISC. Lists various stations like DZM Mont Dzumac, DZM Mont Dzumac, NOUNC Port Laguerre, etc.

Table with columns: WRA, WRA, WHZ, TUZ, ASAR, etc. Lists various stations and their frequencies, including Wether Hill Ro, Tuapeka, Alice Springs, etc.

Table with columns: CN2, CN2, CN2, etc. Lists various stations and their frequencies, including Changchun, Kulm, Prapat, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KTH, TRF, BMRM, MCK, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LPAZ, APATITY, ARCES, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Petit Puy Mans, Mont Vial, Saint Martin d, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUC 17 23:01:59.4, Limon Verde, Plate Boundary, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HTY Hatay, COBT Iskenderun, YAYL Yayladag, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CEYT Ceyhan, KUZU Kuzuini, KOZT Kozan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKZ Mys Kozlova, KII Karymskiy, SPN Mys Shipunski, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GLHS Gohisar, FETY Fethiye, AKAS Kas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BODT Bodrum, KULA Kula-Manisa, KULA Kula-Manisa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUC 17 23:59:35.5, FCH Farellones, CHNG Los Chungos, etc.

ISC 18 00:27:54.5, 36:96N-29:27E, h17km, MD2.5

CSEM 18 00:27:55.8, 0.2, 36:96N-29:28E, h2km, MD2.5, Error ellipse: s-maj=4.1km s-min=3.7km az=111.0

ISCJB 18 00:27:56.2, 0.6, 36:93N-03:29:30E, 0.04, h10km, Error ellipse: s-maj=4.7km s-min=4.1km az=26.8

DDA 18 00:27:56.0, 36:96N-29:27E, h7km, 4km, MD2.8

ISC 18 00:27:56.3, 0.6, 36:96N-03:29:27E, 0.04, h7km, 10km, n16, c087/32, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GLHS Gohisar, FETY Fethiye, GOLH Golhisar, etc.

ISCJB 18 00:31:07.2, 1.3, 6:49S:0:09:148:3E:0:2, h33km, mb4.2/4, Error ellipse: s-maj=26.2km s-min=12.1km az=12.3

NEIC 18 00:31:07.8, 1.1, 6:35S:148:52E, h35km, mb4.0/3, Error ellipse: s-maj=24.4km s-min=10.9km az=99.0

IDC 18 00:31:08.1, 0.1, 9:6:35S:148:44E, h60km, 8km, mb4.1/3, mb1.4/3, mb1mx3.7/15, mbtmpp4.1/4, MS2.7/1, Ms1 2.7/1, ms1mx2.4/15, Error ellipse: s-maj=48.8km s-min=29.6km az=103.0

ISC 18 00:31:08.1, 1.3, 6:46S:0:09:148:4E:0:2, h35km, n19, c0563/17, mb4.2/4, 1D, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like COEN Coen, KAKA Kakadu, WRAB Warramunga Arr, etc.

Table with columns: Code, Station Name, n34, o090/53, Turkey, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GLHS Gihisar (BURDU), FETY Fethiye, BODT Bodrum, etc.

CSEM 18 00:37:08.9.0.3, 36.87N, 26.89E, h12km, ML2.4, Error ellipse: s-maj=6.3km s-min=3.8km az=108.0

Table with columns: Code, Station Name, n40, o097/62, Turkey, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BODT Bodrum, DAT Data, KHL Karahalli, etc.

ISCJB 18 01:14:12.7.0.5, 36.94N, 0.03:29E, 0.04, h5km, 7km, Error ellipse: s-maj=5.5km s-min=4.4km az=19.4

Table with columns: Code, Station Name, n32, o058/47, Turkey, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GLHS Gihisar (BURDU), FETY Fethiye, BODT Bodrum, etc.

ISCJB 18 01:46:47.5.0.5, 36.97N, 0.03:29E, 0.03, h10km, 5km, Error ellipse: s-maj=5.1km s-min=3.7km az=168.8

Table with columns: Code, Station Name, n40, o097/62, Turkey, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FETY Fethiye, GOLH Golhisar, DALY Dallyan (Mudla), etc.

ISCJB 18 01:55:43.0.0.2, 35.29N, 0.02:81, 39E, 0.04, h10km, MB4/2/4, MS3/4/8, Error ellipse: s-maj=5.3km

Table with columns: Code, Station Name, n40, o097/62, Turkey, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KLP Kalpa, JOSI Joshimath, SDNR Sundarnagar, etc.

ISCJB 18 01:55:43.0.0.2, 35.30N, 0.02:81, 39E, 0.04, h10km, n98, e1910/103, mb4.2/24, MS3/4/8, 6C-4D, Southern Xinjiang

Table with columns: Code, Station Name, n40, o097/62, Turkey, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KLP Kalpa, JOSI Joshimath, SDNR Sundarnagar, etc.

Main table with columns: Code, Station Name, n40, o097/62, Turkey, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AAK Ala-Archa, ERK Erkin-Say, RAMM Rammer, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GERES, AQU, DAVOX, CDF, KMG, LPL, SSF, TCF, TORD, WRA, YKA, BOSA, DBIC, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RNF, UMAU, KEV, OUL, VAF, YLSTO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LUBP, TGY, BUSH, SJMP, ENPP, etc.

IDC 18 02:00:55.2, 1.7, 67.89N; 15.06E, h0km, mb1 3.0/3, mb1mx2 9/25, mbtmp2 9/3, ML2.5/3, Error ellipse: s-maj=23.4km s-min=8.1km az=126.0

IDC 18 02:00:55.7, 0.1, 67.84N; 15.12E, h0km, ML2.2, Error ellipse: s-maj=3.7km s-min=3.0km az=145.0

IDC 18 02:14:18.8, 5.0, 19.76S; -167.81E, h0km, mb3.8/2, mb1 4.1/2, mb1mx3.8/14, mbtmp3.8/2, Error ellipse: s-maj=226.3km s-min=74.9km az=157.0, Vanuatu Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like STEI, LOF, FLOS, MORB, DUNU, TRO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NOA, RNF, KAF, HFS, etc.

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

ISC 18 02:00:55.0, 6.6, 67.83N; 0.03, 15.28E, 0.08, h9km, 5km, n81, r1533/117, 5C, Northern Norway

ISC 18 02:01:01.7, 6.7, 67.66N; 15.89E, h24km, ML2.0

ISC 18 02:17:19.0, 3.1, 36.07S; -72.16W, h61km, 23km, mb3.7/5, mb1 3.8/9, mb1mx3.7/18, mbtmp3.8/9, ML4.5/3, MS3.5/3, Ms1 3.5/3, ms1mx3.0/21, Error ellipse: s-maj=54.3km s-min=15.8km az=101.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KIF, LANU, MASU, ERTU, PAJU, LILU, KTKI, HEF, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CNCO, CCHI, TALC, LNV, etc.

ISC 18 02:01:04.0, 1.6, 2.00S; -99.28E, h0km, mb4.1/10, mb1 4.2/11, mb1mx4.0/24, mbtmp4.1/11, ML3.6/1, MS3.4/1, Ms1 3.4/1, ms1mx2.5/35, Error ellipse: s-maj=73.3km s-min=15.7km az=57.0

ISC 18 02:01:08.3, 0.9, 1.92S; 0.06, -99.42E; 0.07, h47km, 7km, mb4.2/13, Error ellipse: s-maj=14.1km s-min=7.1km az=140.3

ISC 18 02:01:09.3, 1.2, 1.91S; 0.06, -99.41E; 0.07, h35km, 8km, n37, r093/35, mb4.2/13, Southern Sumatera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SISI, PDSI, PPI, MNSI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR, WRA, WRAB, ASAR, etc.

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

ISC 18 02:01:09.4, 0.5, 1.91S; -99.43E, h35km, mb3.6/6, Error ellipse: s-maj=16.5km s-min=7.0km az=58.0

ISC 18 02:01:09.3, 1.2, 1.91S; 0.06, -99.41E; 0.07, h35km, 8km, n37, r093/35, mb4.2/13, Southern Sumatera

ISC 18 02:21:35.2, 1.0, 29.9N; 62.07W, h29km, MD2.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GSI, PDSI, PPI, MNSI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR, WRA, WRAB, ASAR, etc.

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

ISC 18 02:01:09.3, 1.2, 1.91S; 0.06, -99.41E; 0.07, h35km, 8km, n37, r093/35, mb4.2/13, Southern Sumatera

ISC 18 02:21:35.2, 1.0, 29.9N; 62.07W, h29km, MD2.9

ISC 18 02:21:35.2, 1.0, 29.9N; 62.07W, h29km, MD2.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GSI, PDSI, PPI, MNSI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR, WRA, WRAB, ASAR, etc.

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

ISC 18 02:01:09.3, 1.2, 1.91S; 0.06, -99.41E; 0.07, h35km, 8km, n37, r093/35, mb4.2/13, Southern Sumatera

ISC 18 02:21:35.2, 1.0, 29.9N; 62.07W, h29km, MD2.9

ISC 18 02:21:35.2, 1.0, 29.9N; 62.07W, h29km, MD2.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GSI, PDSI, PPI, MNSI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR, WRA, WRAB, ASAR, etc.

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

ISC 18 02:01:09.3, 1.2, 1.91S; 0.06, -99.41E; 0.07, h35km, 8km, n37, r093/35, mb4.2/13, Southern Sumatera

ISC 18 02:21:35.2, 1.0, 29.9N; 62.07W, h29km, MD2.9

ISC 18 02:21:35.2, 1.0, 29.9N; 62.07W, h29km, MD2.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GSI, PDSI, PPI, MNSI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR, WRA, WRAB, ASAR, etc.

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

ISC 18 02:01:09.3, 1.2, 1.91S; 0.06, -99.41E; 0.07, h35km, 8km, n37, r093/35, mb4.2/13, Southern Sumatera

ISC 18 02:21:35.2, 1.0, 29.9N; 62.07W, h29km, MD2.9

ISC 18 02:21:35.2, 1.0, 29.9N; 62.07W, h29km, MD2.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GSI, PDSI, PPI, MNSI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR, WRA, WRAB, ASAR, etc.

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

ISC 18 02:01:09.3, 1.2, 1.91S; 0.06, -99.41E; 0.07, h35km, 8km, n37, r093/35, mb4.2/13, Southern Sumatera

ISC 18 02:21:35.2, 1.0, 29.9N; 62.07W, h29km, MD2.9

ISC 18 02:21:35.2, 1.0, 29.9N; 62.07W, h29km, MD2.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUVI, TCE, GUNV, GUNV, TRN, TRN, CRUV, CRUV, TBH, TBH, etc.

ISK 18 02:22:04.4, 36.99N, 29.19E, h2km, MD3.2
ISCJB 18 02:22:05.8, 0.4, 37.00N, 0.02, 29.20E, 0.02, h3km, 4km,
Error ellipse: s-maj=4.0km s-min=3.0km az=164.9
CSEM 18 02:22:05.6, 0.1, 36.94N, 29.22E, h5km, MD3.2, Error
ellipse: s-maj=2.3km s-min=1.6km az=171.0
DDA 18 02:22:06.1, 37.00N, 29.19E, h7km, 5km, MD3.3
ISC 18 02:22:06.4, 0.4, 37.00N, 0.02, 29.20E, 0.02, h6km, 4km,
n72, c0589/94, 1C, Turky

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GLHS, GLHS, GLHS, GLHS, GOLH, GOLH, etc.

NIED 18 02:27:00.36, 20N, 140.20E, h92km, Mw3.7 Best double
couple: M3.49000, 104, NP1, s2.00000, 8.48, 0.00000,
1, -74, 0.00000, NP2, s2.09000, 8.44, 0.00000,
1, -107, 0.00000

IDC 18 02:27:31.4, 1.2, 34.97N, 137.57E, h0km, mb3.7/6,
mb1 3.8/7, mb1mx3.6/27, mb1mp3.9/7, ML3.8/1, Error
ellipse: s-maj=30.4km s-min=19.2km az=84.0
ISCJB 18 02:27:33.4, 0.5, 36.10N, 0.03, 140.23E, 0.05,
h100km, 4km, mb3.6/6, Error ellipse: s-maj=6.9km
s-min=4.7km az=174.8
JMA 18 02:27:34.9, 0.1, 36.14N, 140.14E, h90km, 1km, M3.7
Broadband fault plane solution: P waves. NP1:
s=185.00000, s51.00000, 1-130.00000 NP2:
s=58.00000, s53.00000, 1-51.00000 Principal axes: T
Plg1.00000, Azm122.00000, N Plg30.00000,
Azm213.00000, P Plg60.00000, Azm30.00000,
JMA Felt J1.
NEIC 18 02:27:36.3, 1.0, 35.01N, 137.66E, h35km, mb4.0/1 Error
ellipse: s-maj=22.0km s-min=13.4km az=116.0
ISC 18 02:27:34.4, 0.5, 36.10N, 0.03, 140.23E, 0.05, h94km, 4km,

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Guadarrama, EVIA, PBRG, ECAL, etc.

ISCJB 18 02:39:22.5±0.8, 39.32N±0.03, 33.21E±0.04, h4km, 7km, Error ellipse: s-maj=6.1km s-min=4.4km az=144.4

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BBAL, LOD, CDAG, KIZT, etc.

ISCJB 18 02:50:14.9±2.6, 44.12N±0.10, 87.7E±0.4, h10km, Error ellipse: s-maj=38.7km s-min=6.8km az=161.1

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WMQ, MK31, KURBB, etc.

0 Moment tensor: Scale 10^16Nm; Mrr-0.59±20; Mss-3.2±15; Mss-3.80±15; Mrr-0.32±22; Mss-0.74±14; Mrr-1.2±23; Best double couple: M3.77100±16; NP1=128.00000°; 673.00000°; 177.00000°; NP2=219.00000°; 887.00000°; 17.00000°; Principal axes: T 4.1800, Plg14.0000, Azm85.0000; N -0.8230, Plg73.0000, Azm229.0000; P -3.3630, Plg10.0000, Azm352.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JOSI, SDNR, THN, BHK, DDI, etc.

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

Table with 4 columns: Station Name, Time, Res, and other details. Includes KHL Karahalli, SUTC Sulfuce-Ispar, SUTC Sulfuce-Ispar.

IDC 18 03:42:24.7-3.6, 49.61Sx118.33E, h0km, mb3.6/2, mb1 4.1/3, mb1mx3.8/13, mbtmp3.9/3, ML2.2/1, Error ellipse: s-maj=127.6km s-min=61.0km az=98.0, Western Indian-Antarctic Ridge

Table with 4 columns: Code, Station Name, Time, Res. Includes NWAOW Narrogin (SRO), ASAR Alice Springs, WRA Warramunga Arr, YKA Yellowknife Arr.

ISCJB 18 04:02:32.5-0.5, 24.78N, 0.03x121.71E, 0.02, h77km, 3km, Error ellipse: s-maj=5.4km s-min=3.1km az=154.6

TAP 18 04:02:32.7, 24.76N, 121.69E, h75km, ML3.6/B, JMA 18 04:02:32.8-0.2, 24.76N, 121.74E, h86km, M2.7

ISC 18 04:02:32.9-0.5, 24.79N, 0.03x121.71E, 0.02, h76km, 4km, n52, c069/85, 5C-122, Taiwan

Main table for the first column containing station data for various locations like ILLAN, TWE Neicheng, ENTNT, etc.

Table with 4 columns: Code, Station Name, Time, Res. Includes STYT Tauyuan, TWK Hsiuying, IRIF Iriomote-Funau, CHN1 Nanshi, SGST Jiashan, etc.

IDC 18 04:08:04.3-5.0, 5.28S, 146.16E, h0km, mb3.1/1, mb1 3.5/2, mb1mx3.3/4, mbtmp3.3/2, ML2.9/1, MS2.9/1, MS1 2.9/1, mstmx2.6/6, Error ellipse: s-maj=32.6km s-min=58.3km az=118.0, Eastern New Guinea region

Table with 4 columns: Code, Station Name, Time, Res. Includes WRA Warramunga Arr, ASAR Alice Springs, MJAR Matsushiro Arr, TORD Torodi Arr, etc.

NEIC 18 04:13:19.5-1.1, 29.18S, 177.80W, h240km, 9km, mb3.8/2, Error ellipse: s-maj=76.6km s-min=19.9km az=161.0

IDC 18 04:13:19.7-0.9, 28.63S, 178.11W, h220km, 8km, mb3.4/5, mb1 3.6/5, mb1mx3.4/16, mbtmp3.4/5, Error ellipse: s-maj=43.9km s-min=21.9km az=176.0

ISC 18 04:13:19.4-0.2, 28.63S, 177.71W, 0.0, h239km, 19km, n13, c063/9, mb3.6/7, Kermadec Islands

Table with 4 columns: Code, Station Name, Time, Res. Includes RAO Raoul Island, RAO Charters Tower, STKA Stephens Creek, TORD Torodi Arr, etc.

NEIC 18 04:14:58.7, 62.05N, 150.50W, h4km, ML3.2(AEIC), ML3.6(PMR), After AEIC., Central Alaska

Table with 4 columns: Code, Station Name, Time, Res. Includes PMR Palmer, GHO Gire Holy Cre, FIB Fire Island, RCO1 Rabbit Creek A, SML Sawmill, etc.

IDC 18 04:34:59.3-54.0, 16.55S, 176.42W, h0km, mb4.1/3, mb1 4.3/3, mb1mx3.9/16, mbtmp4.1/3, Error ellipse: s-maj=101.5km s-min=172.5km az=78.0, Fiji Islands region

Table with 4 columns: Code, Station Name, Time, Res. Includes STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 18 04:37:39.3-0.9, 52.57S, 26.41E, h0km, mb3.6/5, mb1 3.7/5, mb1mx3.6/15, mbtmp3.6/5, Error ellipse: s-maj=49.1km s-min=23.7km az=71.0, South of Africa

Table with 4 columns: Code, Station Name, Time, Res. Includes BOSB Boshof, QSPA South Pole Qui, TORD Torodi Arr, ASAR Alice Springs, WRA Warramunga Arr, NVAR Mina Array Bea, etc.

NEIC 18 04:44:18.1, 51.65N, 178.91W, h1km, mb3.5/1,

Table with 4 columns: Code, Station Name, Time, Res. Includes ADK Adak, ADK ADK, GSTR Great Sitkin T, ATKA Atka Island, SMY Shemya, SPIA Saint Paul Is, UNV Unalaska Valle, GAMB Gambell, TNA Tin City.

SKHL 18 04:51:20.1-0.9, 54.55N, 123.40E, h22km, 2km, mb3.8/5, Southeastern Siberia

Table with 4 columns: Code, Station Name, Time, Res. Includes TUP Tupik, TUP 33nm, 0.2s, TUP 78nm, 0.4s, KROS Kirovsky, KROS 14nm, 0.5s, KROS 11nm, 0.5s, KROS 50nm, 0.6s, KROS 30nm, 0.6s, ZEA Zeyna, ZEA 15nm, 0.4s, ZEA 58nm, 0.5s, ZEA 19nm, 0.5s, CLNS Chul'man, CLNS 68nm, 0.4s, YASR Yasnyy, YASR 16nm, 0.5s, YASR 3.0nm, 0.5s, YASR 4.0nm, 0.5s, CRS Chara, CRS 24nm, 0.9s, CRS 42nm, 0.8s, EKMR Ekimchan, EKMR 2.0nm, 0.2s, EKMR 10.0nm, 0.6s, EKMR 4.0nm, 0.6s.

IDC 18 04:52:08.7-1.1, 13.75N, 92.30W, h0km, mb3.8/7, mb1 4.1/12, mb1mx3.9/27, mbtmp3.9/12, ML4.0/3, MS3.5/5, Ms1 3.4/5, ms1mx3.0/32, Error ellipse: s-maj=19.0km s-min=14.3km az=20.0

MEX 18 04:52:10.1-0.9, 13.48N, 92.58W, h16km, 37km, MD4.4

ISCJB 18 04:52:12.4-1.0, 13.73N, 0.06x92.22W, 0.05, h37km, 8km, mb4.1/31, MS3.7/4, Error ellipse: s-maj=12.5km s-min=4.7km az=38.4

CAS 18 04:52:12.2-3.5, 13.44N, 92.17W, h35km, 48km, MD4.0, mb4.2/NEIC

NEIC 18 04:52:16.3-1.4, 13.99N, 92.10W, h47km, 11km, mb4.2/25, MD4.4 (MEX), Error ellipse: s-maj=20.9km s-min=8.5km az=20.0

ISC 18 04:52:15.3-1.3, 13.74N, 0.05x92.20W, 0.03, h30km, 9km, n165, c059/178, mb4.1/31, MS3.7/4, 35C-53D, Off coast of Chiapas

Main table for the second column containing station data for various locations like JAT Jato, THIG Fuego 3, FUG FUG, TPC2 Tecapan 2, IKG Ixapac, NBG Las Nubes, APG El Apazote, etc.

Table with columns: TEIG, JTS, 843, S, Sn, 04 55 22.7, -1.3, 04 54 01.2 +0.9, 04 55 30.1 +6.0, 04 54 07.3 +1.2, 04 56 15.5, 04 57 16.3, 04 58 09.8 +3.7, 04 56 15.5, 04 57 16.3, 04 56 27.8 -0.2, 04 56 30.3 -0.4, 04 56 30.2 -1.1, 04 56 33.5 -0.7, 04 56 36.2 -0.2, 04 56 38.6 -0.2, 04 56 38.3 -0.9, 04 56 40.7 -0.2, 04 56 42.7 -1.8, 04 56 45.4 +1.0, 04 56 50.1 +0.2, 04 56 51.2 +0.5, 04 56 53.1 +0.4, 04 56 55.9 +0.2, 04 56 59.4 +0.2, 04 56 59.8 +0.1, 04 56 59.6 -1.1, 04 57 01.2 -0.1, 04 57 01.2 -0.1, 04 57 00.5 -1.9, 04 57 04.7 -0.1, 04 57 04.3 -0.4, 04 57 05.0 -0.3, 04 57 10.0 +0.3, 04 57 10.9 -2.1, 04 57 14.9 -2.0, 04 57 25.8 +0.5, 04 57 26.2 +0.4, 04 57 23.2 -2.6, 04 57 28.0 +0.9, 04 57 30.1 +1.7, 04 57 31.2 +0.6, 04 57 32.4 +1.1, 04 57 32.2 -0.1, 04 57 33.7 +1.4, 04 57 31.5 -2.7, 04 57 35.6 +1.1, 04 57 37.1 +1.4, 04 57 50.4 +0.6, 04 57 58.6 +1.0, 04 57 57.7 +0.1, 04 58 24.2 +2.2, 04 58 37.3 -0.4, 04 58 42.0 +1.3, 04 58 41.8 +0.6, 04 58 41.5 -0.7, 04 58 41.5 -0.6, 04 58 41.2 -0.9, 04 58 43.3 -0.3, 04 58 45.8 -0.1, 04 58 46.1 -0.9, 04 58 46.8 -0.4, 04 58 47.9 +0.1, 04 58 50.1 +0.9, 04 58 50.8 +0.5, 04 58 51.8 +1.5, 04 58 50.4 -0.1, 04 58 51.6 +0.6, 04 58 52.1 +0.7, 04 58 52.3 +0.4, 04 58 52.8 +0.5, 04 58 53.4 +1.0, 04 58 53.4 +1.0, 04 58 53.3 -0.3, 04 58 54.7 +0.6, 04 58 57.3 +0.2, 04 58 58.5 +0.6, 04 58 58.5 -0.2, 04 59 01.0 +0.3, 04 59 02.3 +0.5, 04 59 03.0 +0.6, 04 59 03.9 +0.1, 04 59 05.2 +0.6, 04 59 06.3 +0.5

Table with columns: HLD, F15A, I13A, F17A, H14A, G15A, I12A, H13A, E17A, H12A, F15A, G13A, ULM, H11A, F13A, J08A, EGMT, E14A, I09A, D15A, F12A, E13A, G11A, C16A, D14A, G10A, A18A, E12A, D13A, G09A, E11A, A17A, F10A, D12A, H04A, B09A, A09A, SIV, EDM, SCHG, YKA, INK, RES, BILL, TORD, CN2, HHC, HHC, HHC, HHC, WMQ, LZH, LZH, CD2, CMAR, PSD, PSI, CMAR, MKAR, SONM, WRA, ASAR, ZALV, HSCJB, CSEM, PDG, BEO, VIE, SOF, Penzance, BBLs, RLMT, J14A, J12A, L11A, J13A, I14A, HLD

Table with columns: TRUS, UPM, UPM, UPM, SJES, GRUS, GRUS, GRUS, GRUS, GRUS, BEO, BEO, FGSL, FGSL, FRGS, FRGS, NKY, NIKSIC, NIKSIC, BRY, BRATOGOST, BRY, BRY, BEY, BERANE, IVA, IVA, SVIS, SVILAJNAC, SVIS, SVIS, TREB, TREBINJE, TREB, TREBINJE, PVY, PVY, PDG, PDG, TGT, TGT, TGT, STON, STON, BLY, BANJA LUKA, BLY, BANJA LUKA, BLY, HERCEG NOVI, BLY, HERCEG NOVI, BUM, BRAJIC-BUDVA, BUM, BRAJIC-BUDVA, BUM, TENKES, RH3K, ULICINJ, ULC, ULCINJ, ULC, ULICINJ, PKSM, MORAGY, PKSM, MORAGY, PKSM, MORAGY, BARS, BARJE, BARS, BARJE, BARS, BARJE, BARS, BARJE, BARS, BARJE, BARS, BARJE, BARS, TAMASI, GZR, GURA ZLATA, ZR, BEHE, BECESHELY, KRUS, KRUSEVO, KRUS, KRUSOVO, NVLJ, NOVALJA, NVLJ, NOVALJA, NVLJ, NOVALJA, BOJS, BOJANCI, BOJS, BOJANCI, VTS, VITOSHATA, VTS, VITOSHATA, VTS, VITOSHATA, VTS, VITOSHATA, VTS, VITOSHATA, VTS, VITOSHATA, MPEP, MALO PESHTENE, MPEP, MALO PESHTENE, KPSG, BUD, BUDAPEST, KKK, KRUPNIK, VISS, VJSNJ, VISS, VJSNJ, PENC, PENC, PENC, PERNICE, PERNICE, PERNICE, PSZ, PISZKESTETO, PSZ, PISZKESTETO, SOKA, SOBOTH, SOKA, SOBOTH, SOKA, JAVORNIK, SOKA, JAVORNIK, SOKA, MUSOMISTE, MMB, MUSOMISTE, OBKA, OBIR, OBKA, OBIR, VYHNE, VYHNE, VYHNE, VYHNE, VYHNS, PAVLKENI, VYHNS, PAVLKENI, VYHNS, PAVLKENI, VYHNS, PAVLKENI, KECS, KECCO, KOLL, KOLACNO, KOLL, KOLACNO, SZH, STRAZHNICA, SZH, STRAZHNICA, SZH, STRAZHNICA, CRVS, CERVENICA-DUBN, CRVS, CERVENICA-DUBN, CRVS, MOLIN, MOA, MOLIN, MOA, MOLIN

MOA STHS STHS KHC KHC KHC MOA STHS STHS KHC KHC

NEIC 18 05:13:53.6, 14:10N:93.13W, h6km, mb4.4/5.3, MD4.6(MEX), After MEX.

NEIC Felt at Mixco, Guatemala. MEX 18 05:13:53.6, 14:10N:93.13W, h6km, mb4.4/5.3, MD4.6

MOS 18 05:13:55.0, 14:37N:92.62W, h42km, mb4.5/17, Error ellipse: s-maj=15.8km s-min=6.8km az=108.1

ISCJB 18 05:13:58.0, 0.6, 14.44N:0.05, 92.70W, 0.04, h65km, 5km, mb4.4/60, Error ellipse: s-maj=9.3km s-min=3.9km az=37.1

IDC 18 05:14:01.9, 2.9, 14.48N:92.58W, h2km, 22km, mb3.9/15, mb1.4/18, mb1mx4.0/29, mbtp4.0/18, MS3.6/6, Ms1.3.6/6, ms1mx3.2/28, Error ellipse: s-maj=31.3km s-min=13.3km az=46.0

ISC 18 05:13:59.0, 0.6, 14.39N:0.05, 92.77W, 0.04, h47km, 5km, mb3.9/18, 40/40, mb4.4/60, MS3.8/6, 126C-110D, Near coast of Chiapas

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual, Station Name, Delta, Azimuth, Phase ID, Time, Residual

Table with columns: Station Name, Time, Residual, Station Name, Time, Residual, Station Name, Time, Residual, Station Name, Time, Residual

Table with columns: Station Name, Time, Residual, Station Name, Time, Residual, Station Name, Time, Residual, Station Name, Time, Residual

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like M13A Montello, J17A Brown Place, J, etc.

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like G11A Walters Elk Ra, C16A Fuhringer Ranc, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like DBAS Dubai, WJHS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MXZ Matakaoa Point, URZ Urewera, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like URZ Urewera, URZ Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WRA Warramunga Arr, FINES FINESSE Array B, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NIED 18 05:50:25.90N, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like GCMT 18 05:58:36.5, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like JTT2 Tamagusuku 2, NAH1 Naha, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like JAGN Aguni-jima 2, JTK Tokunoshima, etc.

CSEM 18 05:17:09.8, 0.26, 85N, 35.05E, h20km, ML3.1, Error ellipse: s-maj=14.9km s-min=6.8km az=42.0

Table with columns for station call signs (e.g., JKRS, IRIF, YOJ), names (e.g., Kuro-shima, Iriomote-Funau), coordinates, and various performance metrics (e.g., SNR, SNR=8, SNR=14).

Table with columns for station call signs (e.g., GUY, GUM, HHC, KMI), names (e.g., Guiyang, GUMU, Hu-ho-hao-te, Kota Kinabalu), coordinates, and various performance metrics (e.g., SNR, SNR=14, SNR=8.6).

Table with columns for station call signs (e.g., CHTO, CMAR, CMAR, CMAR), names (e.g., Chiang Mai, Chiang Mai Arr, Chiang Mai), coordinates, and various performance metrics (e.g., SNR, SNR=8, SNR=14, SNR=8.2).

Table with columns: CRVS, Cervenica-Dubn, 81.09 320, eP, P, 06 10 49.8 +0.7, etc. Includes entries for SUMG, Ojcow, Scoresbysund, etc.

Table with columns: CLL, Colim, 84.41 325, eP, pP, 06 11 15.8 -0.3, etc. Includes entries for Danville, Skopje, Edmonton, etc.

Table with columns: SFJD, Kangerlussuaq, 87.28 360, iP, P, 06 11 19.4 -0.8, etc. Includes entries for Bogner Ranch, Abfattersbach, Bishop Farm, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like K13A Stover Farm, M12A Wells, H16A Russell Place, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KEST Kesra, Y14A Wickenburg, X15A Humboldt, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KEST Kesra, Y14A Wickenburg, X15A Humboldt, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KEST Kesra, Y14A Wickenburg, X15A Humboldt, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KEST Kesra, Y14A Wickenburg, X15A Humboldt, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like TXAR Lajitas Array, WRA Warramunga Arr, ASAR Aze Springs, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like TXAR Lajitas Array, WRA Warramunga Arr, ASAR Aze Springs, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like TXAR Lajitas Array, WRA Warramunga Arr, ASAR Aze Springs, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like TXAR Lajitas Array, WRA Warramunga Arr, ASAR Aze Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LBRS Las Brisas, LFNS El Faro, SNVI San Vicente, etc.

IDC 18 07:08:47.0, 6.3, 27.59S, 141.73E, h0km, mb1 3.0/3, mb1mx3.0/1.8, mbmt2.8/3, ML2.8/2, Error ellipse: s-maj=119.9km s-min=19.9km az=73.0, Queensland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STKA Stephens Creek, STKA Schefferville, YLKA Ylka, etc.

DJA 18 07:20:26.0, 35N, 123.53E, h220km, MLV3.6/4, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LUWI Luvuk, MRSI Marisa, APSI Ampana, etc.

ISCJBJ 18 07:22:00.7, 0.8, 34.9S, 0.1, 108.5W, 0.2, h10km, mb4.0/8, MS3.8/2, Error ellipse: s-maj=27.2km s-min=16.7km az=168.1

IDC 18 07:22:00.8, 0.8, 34.88S, 108.57W, h0km, mb4.1/8, mb1 4.3/8, mb1mx4.1/1.7, mbmt4.1/1.8, MS3.8/2, Ms1 3.9/2, ms1mx3.4/1.8, Error ellipse: s-maj=26.2km s-min=23.6km az=75.0

ISC 18 07:22:02.9, 0.8, 34.9S, 0.1, 108.5W, 0.2, h10km, n15, r1500/10, mb4.0/8, MS3.8/2, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PLCA Paso Flores, PPT Papeete, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VNA2 Neumayer-Watz, TXAR Lajitas Array, NVAR Mira Array, etc.

IDC 18 07:24:45.8, 2.7, 55.34N, 86.90E, h0km, mb1 3.4/3, mb1mx3.1/2.8, mbmt3.4/3, ML3.2/3, Error ellipse: s-maj=29.6km s-min=21.5km az=95.0

ISC 18 07:24:49.1, 2.6, 55.3N, 87.0, 2.865E, 0.3, h3km, 15km, n6, o556/9, 3C-3D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZALV Zalesovo Beam, ZALV 6.3km, ZALV 6.3km, etc.

DJA 18 07:35:31.5, 1.39N, 160.43E, h30km, mb5.4/16, BUI 18 07:35:44.2, 49.60N, 155.75E, h64km, mb5.2/28, mb5.4/54, Ms5.1/43, Ms7.0/41

MOS 18 07:35:45.0, 1.0, 49.40N, 155.71E, h58km, mb5.7/134, MS4.1/15, Error ellipse: s-maj=6.1km s-min=3.2km az=92.2

MOS Fell (II) at Severo-Kuril'sk. KRSC 18 07:35:46.2, 1.9, 49.31N, 156.93E, h5km, 5km, ML5.7, ISCJB 18 07:35:46.1, 0.1, 49.35N, 155.76E, 0.0, 0.2, h59km, mb5.3/77, Error ellipse: s-maj=2.9km s-min=1.6km az=169.3

NEIC 18 07:35:48.0, 0.1, 49.37N, 155.68E, mb5.4/255, Error ellipse: s-maj=4.0km s-min=2.2km az=174.0

IDC 18 07:35:48.1, 0.4, 49.45N, 155.64E, h72km, mb4.9/24, Ms1 5.0/27, mb1mx3.0/28, mbmt4.9/27, MS4.1/12, Ms1 4.1/12, ms1mx3.8/33, Error ellipse: s-maj=11.6km s-min=8.1km az=130.0

GCMT 18 07:35:48.0, 0.3, 49.37N, 156.07E, h72km, 4km, MW5.0/86, Moment Tensor Solution. s41, c50, s86, c119; Duration: 0 Moment tensor; Scale: 1019N; Mr=0.74E, 18; Ms=1.8E, 18; Mw=1.1E, 18; Mz=0.03E, 10; Ms=1.10E, 15; Ms=2.9E, 08; Best double couple: M4.08300/1016 NP1=112.00000°, s26.00000°, A=14.00000°. NP2: s215.00000°, s84.00000°, A=116.00000°. Principal axes: T 4.2050, Plg34.0000, Azm327.0000; N -0.2360, Plg25.0000, Azm218.0000; P -3.9610, Plg45.0000, Azm10.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

BGS 18 07:35:49.6, 1.6, 49.83N, 156.76E, h72km, mb5.4, SZGRF 18 07:35:50.9, 50.68N, 154.78E, h33km, mb5.7, MS4.4, Kuril Islands, Russia

ISC 18 07:35:50.9, 50.68N, 154.78E, h33km, mb5.7, MS4.4, Kuril Islands, Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, SKR comp=Z, 6um, 2.0s, SKR comp=N, 2um, 0.5s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KIL Mys Kozlova, MKZ Kuril'sk, KMNr Kamenistaya, etc.

YSS comp=Z, 370nm, 0.5s MLR MLR

YSS comp=N, 280nm, 1.0s smax

YSS comp=Z, 400nm, 17.0s MLR MLR

YSS Yuzh-Sakhalins 8.96 259 ePn Pn 07 37 58.8 +4.1

ASAJ Asahikawa 10.40 244 Pn Pn 07 39 42.3 +8.3

ASAJ comp=Z, 5.0nm, 0.3s MLR MLR

ASAJ comp=Z, 636nm, 22.0s MLR MLR

ASAJ Asahikawa 10.40 244 Pn Pn 07 38 16.1 +1.7

ASAJ comp=Z, 4.8nm, 0.3s, baz=70, slow=13, SNR=54 LR LR 07 41 50.6

ERM Erimo 11.43 234 Pn Pn 07 38 29.3 +0.8

ERM Erimo 11.43 234 Pn Pn 07 38 27.8 -0.7

SMY Shemya 12.07 67 ePn Pn 07 38 34.0 -3.1

SMY Shemya 12.07 67 ePn Pn 07 38 33.9 -3.2

HABR Khabarovsk 13.57 274 eS Pn 07 39 00.5 +3.1

HABR comp=E, 140nm, 1.8s pmx pmx

HABR comp=N, 10.0nm, 0.3s pmx pmx

HABR comp=Z, 104nm, 1.0s MLR MLR

HABR comp=Z, 696nm, 16.0s MLR MLR

SEY Seymchan 13.68 354 ePn Pn 07 38 56.5 -2.1

KLR Kurl'd 15.58 278 ePn Pn 07 39 22.8 -0.5

KLR comp=E, 270nm, 1.4s pmx pmx

KLR comp=Z, 180nm, 1.4s MLR MLR

KLR comp=N, 700nm, 14.0s MLR MLR

KLR comp=Z, 1um, 14.0s MLR MLR

ADK Adak 17.68 71 ePn Pn 07 39 46.3 -3.1

ADK Adak 17.68 71 ePn Pn 07 39 46.2 -3.1

MAJO Matsushiro 18.06 231 ePn Pn 07 39 53.5 -0.6

MAJO Matsushiro 18.06 231 ePn Pn 07 39 53.5 -0.6

MAJO Matsushiro 18.06 231 ePn Pn 07 40 17.9

MAT Matsushiro 18.06 231 ePn Pn 07 39 53.6 -0.5

MAT Matsushiro 18.06 231 ePn Pn 07 43 17.8 -1.9

MJAR Matsushiro Arr 18.06 231 Pn Pn 07 39 54.3 +0.2

MJAR comp=Z, 2.0nm, 0.3s pmx pmx

MJAR Matsushiro Arr 18.06 231 Pn Pn 07 39 54.3 +0.2

MJAR comp=Z, 2.1nm, 0.3s, baz=30, slow=10, SNR=44

MDJ Mudanjiang 18.36 265 Pn Pn 07 39 55.8 -1.9

MDJ Mudanjiang 18.36 265 Pn Pn 07 40 08.3 -3.2

MDJ Mudanjiang 18.36 265 Pn Pn 07 40 16.4 -4.1

MDJ Mudanjiang 18.36 265 Pn Pn 07 43 20.8 -1.9

MDJ Mudanjiang 18.36 265 Pn Pn 07 47 56.0 +2.0

MDJ Mudanjiang 18.36 265 Pn Pn 07 48 02.5 +0.9

MDJ Mudanjiang 18.36 265 Pn Pn 07 51 37.5 +2.7

MDJ comp=Z, 69nm, 0.7s pmx pmx

MDJ comp=Z, 95nm, 5.5s pmx pmx

MDJ Mudanjiang 18.36 265 ePn Pn 07 39 55.9 -1.8

YAK Yakutsk 19.16 321 ePn Pn 07 40 05.3 -1.8

YAK Yakutsk 19.16 321 ePn Pn 07 43 55.9 -2.7

YAK comp=Z, 427nm, 0.9s pmx pmx

YAK comp=N, 149nm, 1.3s pmx pmx

YAK comp=E, 293nm, 1.4s smax

YAK comp=N, 123nm, 1.4s smax

YAK comp=E, 136nm, 2.0s smax

YAK Yakutsk 19.16 321 ePn Pn 07 40 05.3 -1.8

BILL Bilibino 19.43 121 ePn Pn 07 40 07.7 -2.5

BILL Bilibino 19.43 121 ePn Pn 07 43 45.6 +1.8

BILL comp=Z, 70nm, 0.9s pmx pmx

BILL comp=Z, 300nm, 16.0s MLR MLR

BILL Bilibino 19.43 12 ePn Pn 07 40 07.4 -2.8

BILL comp=Z, 60nm, 0.6s e

BILL Chul'man 19.77 304 ePn Pn 07 43 58.0

CLNS CLNS 19.77 304 eS Pn 07 40 13.4 -0.9

CLNS CLNS 19.77 304 eS Pn 07 43 47.8 -3.0

CLNS comp=Z, 136nm, 0.7s pmx pmx

CLNS comp=N, 95nm, 1.1s pmx pmx

CLNS comp=E, 77nm, 1.0s pmx pmx

CLNS comp=N, 306nm, 13.1s smax

CLNS comp=N, 100nm, 10.7s smax

CLNS comp=Z, 337nm, 13.0s MLR MLR

CLNS comp=N, 107nm, 12.0s MLR MLR

CLNS comp=E, 333nm, 15.0s MLR MLR

NRGR Nerungri 19.83 303 iP S Pn 07 40 15.2 +0.1

NRGR Nerungri 19.83 303 iP S Pn 07 43 56.7 +4.6

NRGR comp=E, 85nm, 0.5s smax

CN2 Changchun 21.41 266 ePn Pn 07 40 26.9 -3.1

CN2 Changchun 21.41 266 ePn Pn 07 40 43.3

CN2 Changchun 21.41 266 ePn Pn 07 40 52.3 -1.4

CN2 Changchun 21.41 266 eS Pn 07 44 13.5 -1.0

CN2 comp=Z, 30nm, 0.8s, mb4.7 pmx pmx

CN2 comp=Z, 200nm, 3.0s pmx pmx

CN2 comp=N, 2um, 11.0s LR LR

CN2 comp=N, 2um, 11.0s LR LR

CN2 comp=N, 2um, 11.0s LR LR

HIA Hailar 23.27 283 ePn Pn 07 40 47.9 -1.4

HIA Hailar 23.27 283 ePn Pn 07 40 47.9 -1.4

HIA comp=Z, 40nm, 0.6s pmx pmx

HIA Hailar 23.27 283 ePn Pn 07 40 47.9 -1.4

KSRS Korea Array 23.27 250 P Pn 07 40 49.4 0.0

KSRS comp=Z, 98nm, 1.0s, mb5.1 pmx pmx

KSRS Korea Array 23.27 250 P Pn 07 40 49.4 0.0

KSRS comp=Z, 98nm, 1.0s, mb5.1 pmx pmx

TNA Tin City 24.88 36 ePn Pn 07 41 04.1 +0.3

TNA comp=Z, 58nm, 1.0s, mb5.0 pmx pmx

ARU	e'PP	pP	07 45 20.8 -3.4			
ARU	e		07 46 07.9			
D13A	e		07 47 06.1			
ARU	PPP		07 48 16.0			
ARU	S		07 52 38.9 +1.4			
ARU	SS		07 56 18.4 -0.9			
ARU	S	pmax				
comp-Z,309nm,1.2s,mb6.2						
ARU	Arti	54.21 317	eP	P	07 45 05.0 -1.0	
comp-Z,112nm,0.5s,mb6.2						
E08A	Dider Farm, El	54.23 58	↑P	P	07 45 06.1 -0.3	
baz=54						
NEW	Newport	54.24 55	eP	P	07 45 05.8 -0.5	
comp-Z,9.4nm,0.8s,mb4.9						
D09A	Jones Farm, Ri	54.31 57	↑P	P	07 45 06.1 -0.8	
baz=54,SNR=6						
HUMO	Hull Mountain	54.35 64	eP	P	07 45 07.6 +0.4	
comp-Z,8.5nm,0.7s,mb4.9						
CHG	Chiang Mai	54.38 257	↑P	P	07 45 08.7 +0.9	
comp-Z,2.65nm,0.9s,mb5.8						
CHTO	Chiang Mai	54.38 257	eP	P	07 45 08.4 +0.7	
comp-Z,47nm,0.7s,mb5.6						
CHTO	Chiang Mai	54.38 257	P	P	07 45 09.1 +1.3	
SNR=29						
CHTO					07 45 09.1	
B10A	Spiker Farm,	54.40 56	↑P	P	07 45 07.2 -0.3	
baz=54						
C11A	Sandpoint	54.54 55	↑P	P	07 45 08.7 +0.2	
baz=54,SNR=14						
VIPM	Ingram Point	54.55 61	P	P	07 45 08.7 +0.1	
H06A	Lindquist Farm	54.57 60	↑P	P	07 45 08.6 -0.2	
baz=54,SNR=5.6						
EKS2	Erkin-Say	54.59 296	P	P	07 45 08.8 -0.2	
SNR=11						
EKS2	Erkin-Say	54.59 296	eP	P	07 45 08.6 -0.5	
comp-Z,27nm,0.9s,mb5.3						
EKS2					07 45 24.9 -2.3	
A12A	Yaak River Ran	54.62 54	↑P	pP	P	07 45 09.1 +0.1
baz=54,SNR=6.7						
G07A	Ruggs Ranch, H	54.63 60	↑P	P	07 45 09.1 -0.1	
baz=54						
CMAR	Chiang Mai Arr	54.65 257	P	pP	07 45 11.0 +1.3	
CMAR					07 45 29.2 +1.3	
CMAR					pmax	
comp-Z,16nm,0.8s						
CMAR	Chiang Mai Arr	54.65 257	P	P	07 45 10.9 +1.3	
comp-Z,16nm,0.8s,mb5.1,baz=31,slow=7.1,SNR=70						
CMAR					07 45 29.2 +1.3	
comp-Z,5.6nm,0.6s,baz=41,slow=6.3,SNR=2.5						
E09A	Wood Farm, Sta	54.73 58	↑P	P	07 45 09.6 -0.3	
baz=54,SNR=6.4						
F08A	Pendleton	54.81 59	↑P	P	07 45 10.4 -0.1	
baz=55						
D10A	Wagner Farm, O	54.88 57	↑P	P	07 45 10.4 -0.5	
baz=55,SNR=14						
B12A	Libby	54.93 54	↑P	P	07 45 11.5 +0.2	
baz=55						
BUOR	Burton Butte	54.96 64	P	P	07 45 12.2 +0.5	
AML	Almayashu	54.97 296	P	P	07 45 12.5 +0.8	
SNR=8						
AML	Almayashu	54.97 296	eP	P	07 45 11.8 +0.1	
comp-Z,29nm,1.2s,mb5.2						
G08A	Pilot Rock	55.01 59	↑P	P	07 45 11.5 -0.5	
baz=55,SNR=6.2						
YBH	Yreka Blue Hor	55.03 65	eP	P	07 45 12.9 +0.8	
YBH					pmax	
comp-Z,23nm,0.9s						
YBH	Yreka Blue Hor	55.03 65	eP	P	07 45 12.9 +0.7	
comp-Z,23nm,0.9s,mb5.2						
H07A	Lands Inn, Kim	55.10 60	↑P	P	07 45 12.6 0.0	
baz=55						
KSH	Kashi	55.22 292	P	P	07 45 16.8 +3.2	
KSH					07 45 36.6 +4.8	
KSH					07 45 44.9 +5.0	
KSH					07 48 16.3 +2.6	
KSH					07 47 23.8 +6.4	
KSH					07 50 06.1 +0.2	
KSH					07 50 14.5 +0.8	
KSH					07 52 53.8 +2.3	
KSH					07 53 26.3 +3.9	
KSH					07 54 55.6 -0.3	
KSH					07 56 39.3 +3.3	
comp-Z,53nm,0.9s,mb5.6						
KSH					LR	
comp-N,440nm,3.4s					LR	
KSH					LR	
comp-E,240nm,3.5s					LR	
KSH					LR	
comp-Z,450nm,5.7s						
A13A	Flathead Natio	55.27 53	↑P	P	07 45 13.8 +0.1	
baz=55,SNR=35						
E10A	Myers Farm, Un	55.31 57	↑P	P	07 45 14.0 -0.2	
baz=55,SNR=11						
F09A	S2 Ranch, Elgi	55.35 58	↑P	P	07 45 14.4 0.0	
baz=55						
D11A	Klaveano Farm,	55.39 56	↑P	P	07 45 14.2 -0.5	
baz=55,SNR=20						
I07A	Izee	55.44 61	↑P	P	07 45 15.4 +0.3	
baz=55,SNR=12						
C12B	Naegeli Ranch,	55.45 55	↑P	P	07 45 14.9 -0.2	
baz=55,SNR=11						
WALA	Waterton Lakes	55.46 53	eP	P	07 45 15.1 0.0	
comp-Z,0.9nm,0.8s,mb3.9						
WALA	Summer Lake	55.48 63	↑P	pP	07 45 33.2 -0.2	
K05A	Beach Ranch, E	55.56 58	↑P	P	07 45 16.1 +0.8	
baz=55,SNR=21						
F10A	Whitefish	55.58 54	↑P	P	07 45 16.1 +0.1	
baz=55,SNR=31						
H08A	Prairie City	55.65 60	↑P	P	07 45 16.6 0.0	
baz=56,SNR=9.8						
TAPN	Taplejung	55.65 273	eP	P	07 45 17.1 +0.3	
comp-Z,43nm,0.9s,mb5.5						
G09A	Cove	55.68 59	↑P	P	07 45 16.4 -0.4	
baz=56,SNR=6.7						
BSMT	Bassoo Peak	55.73 55	eP	P	07 45 17.4 +0.3	
WDC	Whiskeytown Da	55.84 66	eP	P	07 45 17.8 -0.2	
WDC					pmax	
comp-Z,18nm,1.0s,mb5.1						
WDC	Whiskeytown Da	55.84 66	eP	P	07 45 17.8 -0.2	
comp-Z,18nm,1.0s,mb5.1						
E11A	Bogner Ranch,	55.89 57	↑P	P	07 45 17.8 -0.4	
baz=56,SNR=12						
ARCES	ARCCESS Array B	55.90 341	P	P	07 45 16.1 -1.9	
ARCES					07 46 15.5	
ARCES					pmax	
comp-Z,39nm,1.0s					pmax	
ARCES					MLR	
comp-Z,248nm,18.9s					MLR	
ARCES	ARCCESS Array B	55.90 341	P	P	07 45 16.1 -1.9	
comp-Z,39nm,1.0s,mb5.4,baz=40,slow=7.3,SNR=40						
ARCES					PcP	
comp-Z,4.3nm,0.6s,baz=49,slow=5.5,SNR=3.9					LR	
ARCES					LR	
comp-Z,248nm,18.9s,baz=55,slow=38						
ARCES	ARCCESS Array B	55.90 341	P	P	07 45 16.1 -1.9	
ARCES					PcP	
comp-Z,39nm,1.0s,mb5.4,baz=40,slow=7.3,SNR=40					LR	
ARCES					LR	
comp-Z,4.3nm,0.6s,baz=49,slow=5.5,SNR=3.9						
ARCES					LR	
comp-Z,248nm,18.9s,baz=55,slow=38						
ARCES	ARCCESS Array B	55.90 341	P	P	07 45 16.1 -1.9	
ARCES					PcP	
comp-Z,39nm,1.0s,mb5.4,baz=40,slow=7.3,SNR=40					LR	
ARCES					LR	
comp-Z,4.3nm,0.6s,baz=49,slow=5.5,SNR=3.9						
ARCES					LR	
comp-Z,248nm,18.9s,baz=55,slow=38						
ARCES	ARCCESS Array B	55.90 341	P	P	07 45 16.1 -1.9	
ARCES					PcP	
comp-Z,39nm,1.0s,mb5.4,baz=40,slow=7.3,SNR=40					LR	
ARCES					LR	
comp-Z,4.3nm,0.6s,baz=49,slow=5.5,SNR=3.9						
ARCES					LR	
comp-Z,248nm,18.9s,baz=55,slow=38						
ARCES	ARCCESS Array B	55.90 341	P	P	07 45 16.1 -1.9	
ARCES					PcP	
comp-Z,39nm,1.0s,mb5.4,baz=40,slow=7.3,SNR=40					LR	
ARCES					LR	
comp-Z,4.3nm,0.6s,baz=49,slow=5.5,SNR=3.9						
ARCES					LR	
comp-Z,248nm,18.9s,baz=55,slow=38						
ARCES	ARCCESS Array B	55.90 341	P	P	07 45 16.1 -1.9	
ARCES					PcP	
comp-Z,39nm,1.0s,mb5.4,baz=40,slow=7.3,SNR=40					LR	
ARCES					LR	
comp-Z,4.3nm,0.6s,baz=49,slow=5.5,SNR=3.9						
ARCES					LR	
comp-Z,248nm,18.9s,baz=55,slow=38						
ARCES	ARCCESS Array B	55.90 341	P	P	07 45 16.1 -1.9	
ARCES					PcP	
comp-Z,39nm,1.0s,mb5.4,baz=40,slow=7.3,SNR=40					LR	
ARCES					LR	
comp-Z,4.3nm,0.6s,baz=49,slow=5.5,SNR=3.9						
ARCES					LR	
comp-Z,248nm,18.9s,baz=55,slow=38						
ARCES	ARCCESS Array B	55.90 341	P	P	07 45 16.1 -1.9	
ARCES					PcP	
comp-Z,39nm,1.0s,mb5.4,baz=40,slow=7.3,SNR=40					LR	
ARCES					LR	
comp-Z,4.3nm,0.6s,baz=49,slow=5.5,SNR=3.9						
ARCES					LR	
comp-Z,248nm,18.9s,baz=55,slow=38						
ARCES	ARCCESS Array B	55.90 341	P	P	07 45 16.1 -1.9	
ARCES					PcP	
comp-Z,39nm,1.0s,mb5.4,baz=40,slow=7.3,SNR=40					LR	
ARCES					LR	
comp-Z,4.3nm,0.6s,baz=49,slow=5.5,SNR=3.9						
ARCES					LR	
comp-Z,248nm,18.9s,baz=55,slow=38						
ARCES	ARCCESS Array B	55.90 341	P	P	07 45 16.1 -1.9	
ARCES					PcP	
comp-Z,39nm,1.0s,mb5.4,baz=40,slow=7.3,SNR=40					LR	
ARCES					LR	
comp-Z,4.3nm,0.6s,baz=49,slow=5.5,SNR=3.9						
ARCES					LR	
comp-Z,248nm,18.9s,baz=55,slow=38						
ARCES	ARCCESS Array B	55.90 341	P	P	07 45 16.1 -1.9	
ARCES					PcP	
comp-Z,39nm,1.0s,mb5.4,baz=40,slow=7.3,SNR=40					LR	
ARCES					LR	
comp-Z,4.3nm,0.6s,baz=49,slow=5.5,SNR=3.9						
ARCES					LR	
comp-Z,248nm,18.9s,baz=55,slow=38						
ARCES	ARCCESS Array B	55.90 341	P	P	07 45 16.1 -1.9	
ARCES					PcP	
comp-Z,39nm,1.0s,mb5.4,baz=40,slow=7.3,SNR=40					LR	
ARCES					LR	
comp-Z,4.3nm,0.6s,baz=49,slow=5.5,SNR=3.9						
ARCES					LR	
comp-Z,248nm,18.9s,baz=55,slow=38						
ARCES	ARCCESS Array B	55.90 341	P	P	07 45 16.1 -1.9	
ARCES					PcP	
comp-Z,39nm,1.0s,mb5.4,baz=40,slow=7.3,SNR=40					LR	
ARCES					LR	
comp-Z,4.3nm,0.6s,baz=49,slow=5.5,SNR=3.9						
ARCES					LR	
comp-Z,248nm,18.9s,baz=55,slow=38						
ARCES	ARCCESS Array B	55.90 341	P	P	07 45 16.1 -1.9	
ARCES					PcP	
comp-Z,39nm,1.0s,mb5.4,baz=40,slow=7.3,SNR=40					LR	
ARCES					LR	
comp-Z,4.3nm,0.6s,baz=49,slow=5.5,SNR=3.9						
ARCES					LR	
comp-Z,248nm,18.9s,baz=55,slow=38						
ARCES	ARCCESS Array B	55.90 341	P	P	07 45 16.1 -1.9	
ARCES					PcP	
comp-Z,39nm,1.0s,mb5.4,baz=40,slow=7.3,SNR=40					LR	
ARCES					LR	
comp-Z,4.3nm,0.6s,baz=49,slow=5.5,SNR=3.9						
ARCES					LR	
comp-Z,248nm,18.9s,baz=55,slow=38						
ARCES	ARCCESS Array B	55.90 341	P	P	07 45 16.1 -1.9	
ARCES					PcP	
comp-Z,39nm,1.0s,mb5.4,baz=40,slow=7.3,SNR=40					LR	
ARCES					LR	
comp-Z,4.3nm,0.6s,baz=49,slow=5.5,SNR=3.9						
ARCES					LR	
comp-Z,248nm,18.9s,baz=55,slow=38						
ARCES	ARCCESS Array B	55.90 341	P	P	07 45 16.1 -1.9	
ARCES					PcP	
comp-Z,39nm,1.0s,mb5.4,baz=40,slow=7.3,SNR=40					LR	
ARCES					LR	
comp-Z,4.3nm,0.6s,baz=49,slow=5.5,SNR=3.9						
ARCES					LR	
comp-Z,248nm,18.9s,baz=55,slow=38					</	

Table with columns: ID, Name, Time, Az, El, Status, and other details. Includes entries like ABKT Ailbeak, PSI Prapat, U20A Newcomb, etc.

Table with columns: ID, Name, Time, Az, El, Status, and other details. Includes entries like BSD Bornholm Skovb, SCIA Poona, MUD Monsted U'grnd, etc.

Table with columns: ID, Name, Time, Az, El, Status, and other details. Includes entries like BUR01 Buocovina Ar. S, BURAR Buocovina Array, 626A Big Bend Ranch, etc.

Table with columns: Comp, Name, Time, P, Max, Min, Diff, Status. Rows include locations like Kolacno, Holmifirh, Tannenbergeth, Moxa, etc.

Table with columns: BRTR, Name, Time, P, Max, Min, Diff, Status. Rows include locations like Keskin Array B, Keskin Array A, Keskin Array B, etc.

Table with columns: HAU, Name, Time, P, Max, Min, Diff, Status. Rows include locations like Haudompere, Haudompere, Haudompere, etc.

18d 7h

2008 APR

856

Table of astronomical observations for 18d 7h, including columns for object name, coordinates, magnitude, and other parameters.

Table of astronomical observations for 2008 APR, including columns for object name, coordinates, magnitude, and other parameters.

Table of astronomical observations for 856, including columns for object name, coordinates, magnitude, and other parameters.

2008 APR

Table with columns: Station, Name, Time, Res, Phase, ID, Az, Az', Az'', Az'''

Table with columns: Station, Name, Time, Res, Phase, ID, Az, Az', Az'', Az'''

Table with columns: Station, Name, Time, Res, Phase, ID, Az, Az', Az'', Az'''

Table with columns for station name, frequency, power, and other technical details. Includes stations like HABR, KMI, LZH, YSS, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like TIXI, WRAB, WRA, WBE, UCH, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KHC, GERES, GRA1, etc. Includes a section for 'Ryukyu Islands' with station names like Tamagusuku 2, Naha, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, s, ISC. Includes stations like BVAR Borovoye Array, BRVK Borovoye, TNA Tin City, etc.

BUI 18 08:07:50.5, 12.90N-90.30W, h40km, mB5.3/1, Ms5.0/2, Ms7.4/6/2

CASC 18 08:07:50.2, 1.8, 12.82N-90.42W, h18km, mB3.7/1, Ms5.0/2, mB4.4(NEIC)

NEIC 18 08:07:52.5, 1.1, 12.86N-90.34W, h40km, mB4.4/27, Error ellipse: s-maj=14.4km, s-min=8.7km, az=207.0

IDC 18 08:07:56.9, 0.3, 17.00N-103.03W, h70km, mB3.8/8, mB1.4/1/1, mB1mx3.8/25, mBtmp3.8/11, MSJ3.4/1, mB1.3/4/1, mB1mx2.7/27, Error ellipse: s-maj=34.9km, s-min=12.2km, az=54.0

ISC 18 08:07:49.0, 1.2, 12.79N-90.003, 90.38W, 0.02, h7km, 7km, n247, s09/254, mB4.3/32, 86C-80D, Off coast of central America

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, s, ISC. Includes stations like SBLS San Blas, SNJE San Jose, RTR El Retiro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, s, ISC. Includes stations like 227A Bannet, Jal, SWET Sewanee, 325A Bean Ranch, Si, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, s, ISC. Includes stations like GRAC Grapevine Rang, HWUT Hardware Ranch, PDAR Paducah Array, etc.

Table with columns: KALE, KALE Kalithea, KALE Karanos, KARN Karanos, KARN Karanos, KARN Karanos, EFF Efpalio, EFF Efpalio, VLY Voula, Athens, VLY Voula, Athens. Includes station name, time, and other parameters.

IDC 18 08:56:58.7-2.0, 3.5359N-87.85E, h0km, mb1 3.1/2, mb1mx3.1/27, mbtmp3.6/17, ML3.9/3, Error ellipse: s-maj=23.1km s-min=14.8km az=65.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, KURK Kurchatov, KURK Kurchatov, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array.

IDC 18 08:57:33.4-2.0, 6.765E-128.97E, h0km, mb3.5/1, mb1 3.9/4, mb1mx3.6/17, mbtmp3.8/4, ML3.9/3, Error ellipse: s-maj=79.7km s-min=27.2km az=75.0, Banda Sea

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

CSEM 18 08:58:07.7, 36.26N-21.49E, h17km, MD3.5, After ATH ATH 18 08:58:07.7, 36.26N-21.49E, h17km, 5km, MD3.5/6, Southern Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PYL PYLOS, PYL PYLOS, PYL PYLOS, ITM Ithomi, ITM Ithomi, KYTH Kithira, KYTH Kithira, VLI Veliai, VLI Veliai, VLI Veliai, VLI Veliai, VLA Vlachokerasia, VLA Vlachokerasia, GUR Gaura, GUR Gaura.

ISCJB 18 09:03:29.3-0.1, 36.34N-0.04-21.81E, h10km, Error ellipse: s-maj=8.0km s-min=4.5km az=148.3

CSEM 18 09:03:29.3-0.9, 36.30N-21.81E, h2km, MD3.7, Error ellipse: s-maj=19.7km s-min=9.0km az=60.0

NEIC 18 09:03:29.2, 36.35N-21.75E, h18km, MD3.7(ATH), After ATH

ATH 18 09:03:29.2, 36.35N-21.75E, h18km, 2km, MD3.7/10 THE 18 09:03:30.4, 36.33N-21.73E, h0km, 3km, ML3.7/2, Error ellipse: s-maj=5.9km s-min=1.9km az=250.0

ISC 18 09:03:28.2-1.4, 36.31N-0.04-21.72E, 0.07, h1km, 5km, n35, 6098/58, Southern Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PYL PYLOS, PYL PYLOS, PYL PYLOS, ITM Ithomi, ITM Ithomi, KYTH Kithira, KYTH Kithira, VLI Veliai, VLI Veliai, VLI Veliai, VLA Vlachokerasia, VLA Vlachokerasia, GUR Gaura, GUR Gaura, SZGRF, MOS, ISCJB, IDC, BGS, GCMT, BJL, NEIC, RLS, LAKA, LTK, KARN, KARN, KARN, KARN, KALE, KALE, EFF, VLY.

CSEM 18 09:07:34.8, 40.03N-35.56E, h0km, MD2.8, After ISK ISK 18 09:07:34.8, 40.03N-35.56E, h0km, MD2.8, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YOZ Yozgat, YOZ Yozgat, YOZ Yozgat, SVSK Karacayir, SVSK Karacayir, SVSK Karacayir, SVSK Karacayir, SARI SarDiz-Kayseri, SARI SarDiz-Kayseri, DIKM Dikmen, DIKM Dikmen.

ISCJB 18 09:25:53.5-1.3, 19.09N-0.07-145.3E-0.2, h232km, 12km, mb3.3/9, Error ellipse: s-maj=36.8km s-min=9.2km

NEIC 18 09:25:54.8-1.4, 19.05N-145.35E, h233km, 15km, mb3.5/1, Error ellipse: s-maj=26.5km s-min=12.5km az=85.0

IDC 18 09:25:54.4-2.0, 19.04N-145.40E, h228km, 2km, mb3.1/8, mb1 3.4/10, mb1mx3.3/23, mbtmp3.2/10, Error ellipse: s-maj=29.0km s-min=13.3km az=84.0

ISC 18 09:25:53.4-1.3, 19.12N-0.06-145.3E-0.2, h216km, 12km, n13, 6081/14, mb3.3/9, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, GUMO Guam, CBUJ Chichi Jima, MJAR Matsushiro Arr, KSRS Korea Array, WRA Warramunga Arr, ASAR Alice Springs, ZALV Zalesovo Beam, MKAR Makanchi Array, ABKAR Akbulak array, YKA Yellowknife Arr, YKA Yellowknife Arr, NVAR Mina Array Bea, FINES Finest Array B.

ISCJB 18 09:33:43.8-0.6, 37.47N-0.03-37.11E-0.04, h10km, 5km, Error ellipse: s-maj=6.2km s-min=5.5km az=37.8

ISC 18 09:33:43.0, 37.41N-0.37-37.12E, h8km, MD2.8 CSEM 18 09:33:44.3-0.1, 37.49N-37.09E, h12km, MD2.8, Error ellipse: s-maj=2.8km s-min=2.0km az=155.0

DDA 18 09:33:44.4, 37.46N-37.08E, h7km, 5km, MD2.8 ISC 18 09:33:44.3-0.5, 37.46N-0.04-37.10E-0.05, h13km, 5km, n19, 6196/32, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KMRS Kahramanmaras, KMRS Kahramanmaras, GAZ Gaziantep, GAZ Gaziantep, KUZU Kuzuni, KUZU Kuzuni, KUZU Kuzuni, KOZT Kozan, KOZT Kozan, AKCD Akcadag, AKCD Akcadag, SARI SarDiz-Kayseri, SARI SarDiz-Kayseri, SARI SarDiz-Kayseri, PINB Pinarbası, PINB Pinarbası, MALT Malatya, MALT Malatya, MYA Malatya, MYA Malatya, URFA Urfa, URFA Urfa, URFA Urfa.

SZGRF 18 09:36:53.9, 38.10N-88.78W, h33km, mb5.1, MS4.9, Southern Illinois, United States

MOS 18 09:36:56.4-1.1, 38.48N-87.76W, h12km, mb5.1/76, MS4.8/24, Error ellipse: s-maj=4.9km s-min=4.7km az=76.5

ISCJB 18 09:36:56.8-0.1, 38.47N-0.01-87.78W-0.01, h15km, mb5.0/140, MS4.8/55, Error ellipse: s-maj=1.9km s-min=1.6km az=8.3

IDC 18 09:36:56.1-0.3, 38.45N-87.88W, h0km, mb4.7/40, mb1 4.9/46, mb1mx4.9/49, mbtmp4.8/46, ML5.1/7, MS4.6/34, Ms1 4.6/34, ms1mx4.5/44, Error ellipse: s-maj=7.3km s-min=5.3km az=80.0

BJL 18 09:36:57.2, 38.51N-87.96W, h13km, mb5.5/17, mb5.0/13, MS5.5/16, Ms7.5/017

BGS 18 09:36:58.2-1.2, 38.45N-87.89W, h15km, mb5.1 GCMT 18 09:36:59.1-0.2, 38.49N-87.86W, h27km, MW5.4/109, Moment Tensor Solution. s71, c106; s109, c188; Duration: t33 Moment tensor: Scale 10^17Nm; M0=1.42e-03; M1=1.42e-03; M2=1.33e-04; M3=0.06e-06; M4=0.06e-06; M5=0.06e-06; M6=0.06e-06; M7=0.06e-06; M8=0.06e-06; M9=0.06e-06; M10=0.06e-06; M11=0.06e-06; M12=0.06e-06; M13=0.06e-06; M14=0.06e-06; M15=0.06e-06; M16=0.06e-06; M17=0.06e-06; M18=0.06e-06; M19=0.06e-06; M20=0.06e-06; M21=0.06e-06; M22=0.06e-06; M23=0.06e-06; M24=0.06e-06; M25=0.06e-06; M26=0.06e-06; M27=0.06e-06; M28=0.06e-06; M29=0.06e-06; M30=0.06e-06; M31=0.06e-06; M32=0.06e-06; M33=0.06e-06; M34=0.06e-06; M35=0.06e-06; M36=0.06e-06; M37=0.06e-06; M38=0.06e-06; M39=0.06e-06; M40=0.06e-06; M41=0.06e-06; M42=0.06e-06; M43=0.06e-06; M44=0.06e-06; M45=0.06e-06; M46=0.06e-06; M47=0.06e-06; M48=0.06e-06; M49=0.06e-06; M50=0.06e-06; M51=0.06e-06; M52=0.06e-06; M53=0.06e-06; M54=0.06e-06; M55=0.06e-06; M56=0.06e-06; M57=0.06e-06; 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Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like FFF, FFC, FFF, FFC, GTA, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like KLY, KIR, ZLN, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like YKA, YKA, YKA, etc.

SRSC 18 12:44:10.2, 1.8, 60.75N, 167.70E, h16km, 6km, ML4.8
IDC 18 12:44:11.5, 0.5, 60.81N, 166.64E, h0km, m4, 3/26,
mb1 4.5/27, mb1mx4.5/31, mbtmp4.3/27, ML2.7/1, MS3.7/6,
M51 3.7/6, ms1mx3.3/36, Error ellipse: s-maj=15.8km
s-min=10.9km az=155.0
BUJ 18 12:44:11.4, 60.80N, 166.60E, h10km, m5, 0/6, mb4.5/15,
Ms4.2/5, Ms7 4.2/5
ISCJB 18 12:44:12.1, 0.2, 60.90N, 166.62E, 0.05, h10km,
mb4.5/60, MS3.8/9, Error ellipse: s-maj=4.3km
s-min=2.8km az=149.2
MOS 18 12:44:12.1, 1.0, 60.80N, 166.81E, h15km, mb4.6/32, Error
ellipse: s-maj=12.6km s-min=7.3km az=78.8
NERS 18 12:44:13.0, 61.14N, 166.84E, h0km
NEIC 18 12:44:13.4, 0.3, 60.78N, 166.65E, h10km, mb4.8/33, Error
ellipse: s-maj=9.6km s-min=4.6km az=169.0
ISC 18 12:44:14.1, 0.2, 60.86N, 166.73E, 0.04, h10km, m147,
e=113/155, mb4.5/60, MS3.8/9, 3C, Eastern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHIANG MAI, CHIANG MAI ARR, CHIANG MAI ARR BE, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHICHI JIMA, CHICHI JIMA 2, CHICHI JIMA-NKT, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHIANG MAI, CHIANG MAI ARR, CHIANG MAI ARR BE, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ostrava-Krasne, Moravsky Berou, Ojcow, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHIANG MAI, CHIANG MAI ARR, CHIANG MAI ARR BE, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHIANG MAI, CHIANG MAI ARR, CHIANG MAI ARR BE, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like ZALV, GUN, PKI, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like AKTK, AKTO, AKTO, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like AKASG, AKASG, AKASG, etc.

NEIC 18 13:38:21.5, 15:53N-92:66W, h161km, mb4.2/2, MD4.3(MEX), After MEX. MEX 18 13:38:21.6-0.6, 15:55N-92:65W, h160km±7km, MD4.3, Mexico-Guatemala border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like PCIG, THIG, CCIG, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CHKT, IRIF, SMLT, TYC, etc.

mb4.5/60, MS3.9/11, Error ellipse: s-maj=2.4km s-min=1.9km az=18.3 NEIC 18 15:14:16.4-0.2, 38.48N-87.85W, h10km, mb4.5/73, MW4.6(SLM), Error ellipse: s-maj=3.7km s-min=3.4km az=211.0 NEIC [V] at Beecher City, Blufford, Cisne, Glen Carbon, Louisville, Mount Carmel, Sumner and West Salem; [IV] at Albion, Belleville, Benton, Breese, Carbondale, Carlyle, Carmi, Carterville, Chester, Chicago, Christopher, Clinton, Coal City, Collinsville, Edwardsville, Eldorado, Fairfield, Flora, Glenarm, Godfrey, Granite City, Greenville, Herrin, Hillsboro, Jerseyville, Johnston City, Joliet, Lawrenceville, Makanda, Mascoutah, Mason City, McLeansboro, Mount Zion, Murphysboro, Newton, O'Fallon, Olney, Oswego, Pavnée, Pinckneyville, Pontiac, Riverton, Robinson, Saint Jacob, Sesser, Shelbyville, Sherman, Shipman, Springfield, Troy and West Frankfort. Also lists GCMT 18 15:14:16.4-0.4, 38.48N-87.91W, h22km, 2km, MW4.8/58, Moment Tensor Solution, s11, c11, s58, c74; Duration: 0 Moment tensor; Scale: 0.019N; Ml=0.75; 16; M2=2.25; 14; Mw=1.25; 11; Mw=0.43; 21; Mw=1.23; 11; Mw=0.09; 19. Best double couple: M2:0.3800x1016 NP1:0.3050000, 0.84.00000, 0.5.00000. NP2: 0.214.00000, 0.85.00000, 0.174.00000. Principal axes: T 2.4490, Plg8.0000; Azm169.0000; N -0.8160, Plg82.0000, Azm355.0000; P -1.6280, Plg1.0000. Azm259.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ULM, LBNN, RSSD, PHWY, etc.

IDC 18 15:11:38.6:6.8, 31.11S:179.13W, h106km, 5.4km, mb4.0/4, mb1.4/1.5, mb1mx3/8.16, mbtmp3/9.5, Error ellipse: s-maj=46.5km s-min=24.9km az=45.0 NEIC 18 15:11:41.9:5.0, 31.140S:179.15W, h143km, 4.0km, mb4.7/5, Error ellipse: s-maj=49.1km s-min=27.5km az=214.0 ISC 18 15:11:45.0:2.1, 31.14S:0.1x179.5W:0.2, h149km, n48, r102/44, mb4.2/8, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MXZ, PUZ, CNZG, MWZ, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like OLIL, USIN, SIUC, WCI, BLO, SLM, FVM, UTM, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ANMO, M21A, P21A, Q21A, L21A, etc.

BJI 18 15:14:13.7, 38.45N:88.40W, h7km, mb5.2/9, mb5.0/9, Ms5.2/7, Ms7.4/7 IDC 18 15:14:14.7:0.5, 38.52N:87.84W, h0km, mb4.3/23, mb1.4/5.2/8, mb1mx4/4.3/7, mbtmp4/4.2/8, ML4.2/5, MS3.7/16, Ms1.3/7.16, ms1mx3.5/4.9, Error ellipse: s-maj=9.1km s-min=7.2km az=66.0 MOS 18 15:14:14.7:1.6, 38.39N:87.90W, h9km, mb4.2/26, Error ellipse: s-maj=6.6km s-min=5.6km az=31.8 ISCJB 18 15:14:15.1:0.1, 38.46N:0.02:87.91W:0.2, h101km

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

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

W20A	Ramah	16.83 265	↑P	Pn	15 18 12.1	-0.2
222A	Williams Farm	16.90 254	↑P	Pn	15 18 13.1	0.0
N18A	Larsen Ranch	16.94 285	↑P	Pn	15 18 12.3	-1.3
BW06	Boulder Array	16.99 292	↑P	Pn	15 18 12.0	-2.3
PDAR	Pinedale Array	16.99 292	P	Pn	15 18 11.6	-2.7
PDAR	comp=Z,0.6nm,0.3s,baz=92,slow=14,SNR=14				15 23 08.5	
X20A	Quemado	17.01 263	↑P	Pn	15 18 13.9	-0.7
191A	Dine' College	17.08 269	↑P	Pn	15 18 15.4	+0.1
Y20A	Horse Springs	17.14 261	↑P	Pn	15 18 15.2	-0.9
121A	Cookes Peak, D	17.23 256	↑P	Pn	15 18 16.8	-0.4
R18A	Canyonlands Na	17.24 277	↑P	Pn	15 18 17.1	-0.2
RLMT	Red Lodge	17.25 300	↑P	Pn	15 18 15.1	-2.4
RLMT	Red Lodge	17.25 300	ePn	Pn	15 18 14.8	-2.7
L18A	Fontenele, Gr	17.26 289	↑P	Pn	15 18 16.6	-1.0
K18A	Toltan Ranch	17.33 291	↑P	Pn	15 18 17.3	-1.2
Q18A	Rafter H Ranch	17.35 279	↑P	Pn	15 18 17.1	-1.6
J18A	Kendall Valley	17.39 293	↑P	Pn	15 18 17.1	-2.2
P18A	Preston Nutter	17.40 281	↑P	Pn	15 18 18.5	-0.9
S18A	Hurst Farm, Bl	17.42 274	↑P	Pn	15 18 19.1	-0.5
T18A	Mexican Hat	17.42 273	↑P	Pn	15 18 19.8	+0.2
G18A	Lazy EL Ranch	17.50 300	↑P	Pn	15 18 19.4	-1.2
Z20A	Nine Sixteen R	17.61 259	↑P	Pn	15 18 20.7	-1.2
SRU	San Rafael	17.65 279	eP	Pn	15 18 21.8	-0.7
SRU	comp=Z,24nm,0.9s					
SRU	San Rafael	17.65 279	↑P	Pn	15 18 21.9	-0.6
SRU	San Rafael	17.65 279	ePn	Pn	15 18 21.8	-0.7
X19A	St. Johns	17.67 263	↑P	Pn	15 18 22.4	-0.3
GCMT	Greycliff	17.71 301	ePn	Pn	15 18 17.9	-5.2
M17A	Scullys Gap (B	17.71 287	↑P	Pn	15 18 21.0	-2.2
O17A	Robinson Place	17.75 283	↑P	Pn	15 18 22.7	-1.0
F18A	Big Timber	17.77 302	↑P	Pn	15 18 21.0	-2.9
V18A	Canado	17.79 268	↑P	Pn	15 18 23.5	-0.8
P17A	Dutcher Ranch	17.79 280	↑P	Pn	15 18 23.1	-1.1
Y19A	Nutrioso	17.80 262	↑P	Pn	15 18 23.5	-0.9
N17A	Moffit	17.82 285	↑P	Pn	15 18 23.3	-1.3
120A	U Bar Ranch, L	17.87 257	↑P	Pn	15 18 25.3	0.0
LOHW	Long Hollow	17.87 294	ePn	Pn	15 18 26.5	+1.3
R17A	Hanksville Air	17.87 277	↑P	Pn	15 18 24.1	-1.1
L17A	Cokeyville	17.89 289	↑P	Pn	15 18 24.9	-0.6
117A	Pilgrim Ck.	17.90 295	↑P	Pn	15 18 24.9	-0.7
LKWY	Lake	17.90 297	eP	Pn	15 18 26.9	+1.4
LKWY	comp=Z,23nm,1.1s					
LKWY	Lake	17.90 297	eP	Pn	15 18 26.9	+1.4
SNOW	Snow King Mount	17.96 293	eP	Pn	15 18 27.1	+0.9
K17A	Gardner Place	17.99 291	↑P	Pn	15 18 26.1	-0.6
H17A	Grant Village	17.99 296	↑P	Pn	15 18 26.2	-0.4
REDW	Red Top Meadow	18.01 293	ePn	Pn	15 18 28.0	+1.1
Z19A	T-Link Ranch	18.06 260	↑P	Pn	15 18 26.6	-0.9
S17A	Black Ridge (B	18.06 275	↑P	Pn	15 18 26.9	-0.6
220A	Playas Peak, P	18.07 255	↑P	Pn	15 18 26.4	-1.3
TPAW	Teton Pass	18.10 293	ePn	Pn	15 18 29.0	+0.9
E18A	Harlowton	18.11 304	↑P	Pn	15 18 29.5	-2.5
DAU	Daniels Canyon	18.14 284	eP	Pn	15 18 28.9	+0.3
U17A	Shonto	18.15 271	↑P	Pn	15 18 27.7	-0.9
X18A	Snowflake	18.15 284	↑P	Pn	15 18 28.5	-0.2
IMW	Indian Meadow	18.16 295	ePn	Pn	15 18 27.4	-1.3
TEIG	Tepich	18.16 181	P	Pn	15 18 28.5	-0.4
TEIG	comp=Z,1.4nm,0.3s,baz=359,slow=22,SNR=4.5				15 21 47.6	-4.0
TEIG	comp=Z,1.17nm,19.6s,baz=231,slow=37				15 25 24.7	
TEIG	Tepich	18.16 181	ePn	Pn	15 18 29.5	+0.6
TMUT	Trail Mountain	18.17 280	ePn	Pn	15 18 30.1	+1.2
Q16A	Castle Valley	18.17 279	↑P	Pn	15 18 27.7	-1.3
Y17A	Navajo Res., N	18.18 273	↑P	Pn	15 18 28.6	-0.3
T17A	Old Faithful	18.18 297	↑P	Pn	15 18 33.7	+4.7
D18A	Linhart Farms	18.25 306	↑P	Pn	15 18 28.3	-1.4
N16A	Rees Ranch, Co	18.28 285	↑P	Pn	15 18 29.6	-0.6
JLU	Jordanelle	18.29 284	ePn	Pn	15 18 29.6	-0.7
119A	Asphekan Ranch	18.29 258	↑P	Pn	15 18 30.4	0.0
L16A	Fish Haven	18.31 289	↑P	Pn	15 18 29.8	-0.7
G17A	Pierce Place	18.31 299	↑P	Pn	15 18 30.1	-0.4
320A	Kipp Ranch, An	18.33 253	↑P	Pn	15 18 31.0	+0.1
RR12	Red Ridge	18.35 293	eP	Pn	15 18 32.6	+1.6
HWUT	Hardware Ranch	18.39 287	ePn	Pn	15 18 32.7	-4.3
F17A	Fitzpatrick Pl	18.40 301	↑P	Pn	15 18 30.2	-1.4
MPU	Maple Canyon	18.45 282	ePn	Pn	15 18 32.4	+0.1
Y18A	Canyon Day Jun	18.47 262	↑P	Pn	15 18 32.9	+0.3
K16A	Soda Springs	18.49 291	↑P	Pn	15 18 32.0	-0.7
V17A	Tonale, Kykot	18.49 268	↑P	Pn	15 18 32.5	-0.3
R16A	Teasdale	18.49 277	↑P	Pn	15 18 32.0	-0.8
H16A	Russell Place	18.52 297	↑P	Pn	15 18 32.7	-0.4
EGMT	Eagleton	18.52 308	↑P	Pn	15 18 32.4	-0.8
EGMT	Eagleton	18.52 308	eP	Pn	15 18 31.9	-1.2
I16A	Newdale	18.55 294	↑P	Pn	15 18 32.9	-0.6
J16A	Bone	18.55 293	↑P	Pn	15 18 31.8	-1.7
W17A	Winslow	18.58 267	↑P	Pn	15 18 33.2	-0.7
219A	White Tail Can	18.58 256	↑P	Pn	15 18 33.5	-0.5

U16A	baz=19	18.62 270	↑P	Pn	15 18 34.5	+0.1
QLMT	Earthquake Lak	18.68 297	eP	Pn	15 18 33.7	-1.3
B18A	Beardsley Farm	18.69 309	↑P	Pn	15 18 34.3	-0.8
E17A	Martinsdale	18.69 303	↑P	Pn	15 18 33.4	-1.8
NLU	North Lily Min	18.79 282	ePn	Pn	15 18 36.1	-0.4
D17A	Six Diamond Ra	18.80 305	↑P	Pn	15 18 34.1	-2.3
FFC	Flin Flon	18.88 334	eP	Pn	15 18 31.2	-6.2
FFC	comp=Z,36nm,0.7s					
FFC	Flin Flon	18.88 334	eP	Pn	15 18 31.2	-6.2
319A	Douglas	18.88 255	↑P	Pn	15 18 37.0	-0.6
A18A	Metzger Ranch	18.95 311	↑P	Pn	15 18 37.6	-0.6
P15A	Leamington	18.97 281	↑P	Pn	15 18 38.1	-0.5
WUAZ	Wupatki	18.97 268	↑P	Pn	15 18 39.0	+0.3
WUAZ	Wupatki	18.97 268	ePn	Pn	15 18 39.9	+1.2
Z17A	comp=Z,55nm,0.8s					
Z17A	Santos Carlos Hg	18.99 261	↑P	Pn	15 18 38.1	-0.8
BOZ	Bozeman (W)	18.99 300	↑P	Pn	15 18 38.4	-0.5
MSU	Maryvale	19.00 278	eP	Pn	15 18 40.5	+1.5
C17A	Wharram Farm	19.01 306	↑P	Pn	15 18 37.9	-1.1
L15A	Malad City	19.02 289	↑P	Pn	15 18 38.2	-1.0
G16A	Moss Hill, Enn	19.02 298	↑P	Pn	15 18 38.4	-0.7
F16A	Kennard Place	19.02 300	↑P	Pn	15 18 38.7	-0.5
O15A	The Old Anders	19.08 283	↑P	Pn	15 18 39.1	-0.8
R15A	Junction	19.12 277	↑P	Pn	15 18 40.4	-0.1
Y17A	Roosevelt	19.13 263	↑P	Pn	15 18 40.8	+0.2
J15A	Blackfoot	19.16 293	↑P	Pn	15 18 41.0	+0.1
218A	Dragon	19.20 257	↑P	Pn	15 18 41.8	+0.4
W16A	Flagstaff	19.22 267	↑P	Pn	15 18 41.2	-0.4
E16A	East Helena	19.26 302	↑P	Pn	15 18 41.0	-1.0
S15A	Paradise	19.27 275	↑P	Pn	15 18 42.3	0.0
B17A	L&G Farms, Che	19.27 308	↑P	Pn	15 18 41.4	-0.7
HVU	Hansel Valley	19.30 288	eP	Pn	15 18 42.5	0.0
HVU	comp=Z,16nm,0.8s					
HVU	Hansel Valley	19.30 288	ePn	Pn	15 18 42.5	-0.1
D16A	Dana Ranch, Ca	19.32 304	↑P	Pn	15 18 42.7	-0.1
DUG	Dugway	19.34 283	eP	Pn	15 18 42.4	-0.7
DUG	comp=Z,46nm,1.0s					
DUG	Dugway	19.34 283	eP	Pn	15 18 42.4	-0.7
X16A	Lo Mia Camp, P	19.35 265	↑P	Pn	15 18 43.6	+0.3
318A	Bisbee	19.39 256	↑P	Pn	15 18 43.8	+0.1
HRY	Holter Researc	19.41 303	ePn	Pn	15 18 44.6	+0.8
T15A	Red Dirt Ranch	19.41 273	↑P	Pn	15 18 43.5	-0.5
U15A	North Rim	19.46 272	↑P	Pn	15 18 45.3	+0.7
A17A	Triple J Farms	19.47 310	↑P	Pn	15 18 43.3	-1.2
117A	Oracle	19.48 259	↑P	Pn	15 18 45.3	+0.5
BGU	Big Grassy Moun	19.48 285	ePn	Pn	15 18 43.2	-1.6
H15A	Lima	19.49 296	↑P	Pn	15 18 44.3	-0.5
V15A	Kaibab Nationa	19.52 270	↑P	Pn	15 18 46.6	+1.3
Y16A	Circle Bar Ran	19.56 264	↑P	Pn	15 18 45.9	+0.1
P14A	Drum Mountains	19.58 281	↑P	Pn	15 18 45.9	-0.1
DLMT	Dillon	19.59 299	ePn	Pn	15 18 47.7	+1.6
LRM	Limber Ridge	19.59 300	ePn	Pn	15 18 44.5	-1.6
N14A	Grayback Hills	19.60 285	↑P	Pn	15 18 45.5	-0.7
TUC	Tucson	19.62 259	eP	Pn	15 18 46.0	-0.5
TUC	comp=Z,11nm,1.0s					
TUC	Tucson	19.62 259	eP	Pn	15 18 46.0	-0.5
F15A	Butte	19.63 300	↑P	Pn	15 18 45.8	-0.7
K14A	Jones Ranch, D	19.63 290	↑P	Pn	15 18 45.5	-1.0
L14A	Malta	19.65 289	↑P	Pn	15 18 45.6	-1.2
MCMT	McKenzie Canyo	19.67 297	eP	Pn	15 18 45.7	-1.2
M14A	Sheep Mountain	19.72 287	↑P	Pn	15 18 47.2	-0.4
W15A	Williams	19.77 268	↑P	Pn	15 18 49.9	+1.7
Q14A	Sevier Lake (B	19.80 280	↑P	Pn	15 18 48.8	+0.2
E15A	Deer Lodge	19.87 302	↑P	Pn	15 18 48.3	-1.0
217A	Green Valley	19.87 257	↑P	Pn	15 18 48.0	-1.4
J14A	Carey	19.94 292	↑P	Pn	15 18 49.9	-0.4
H14A	Holland Ranch	19.95 274	↑P	Pn	15 18 50.2	-0.1
X15A	Humboldt	19.95 266	↑P	Pn	15 18 50.0	-0.4
D15A	Lincoln	19.96 303	↑P	Pn	15 18 49.5	-0.8
I14A	Mackay	19.96 294	↑P	Pn	15 18 49.7	-0.7
H14A	Leadore	20.00 296	↑P	Pn	15 18 49.3	-1.5
A16A	West Butte Ran	20.01 309	↑P	Pn	15 18 49.6	+0.4
CCUT	Cedar City	20.07 275	ePn	Pn	15 18 54.3	+4.3
ARUT	Antelope Range	20.09 276	eP	Pn	15 18 49.5	-0.8
U14A	Mc Trumbull	20.16 272	↑P	Pn	15 18 52.8	+1.8
G14A	Jack	20.17 298	↑P	Pn	15 18 51.7	+0.7
L13A	Double Diamond	20.18 289	↑P	Pn	15 18 51.6	+0.4
Y15A	Casa Rosa Ranc	20.20 265	↑P	Pn	15 18 51.4	-0.1
C15A	Salmond Ranch	20.23 305	↑P	Pn	15 18 51.8	+0.1
O13A	Hicks Ranch, I	20.24 283	↑P	Pn	15 18 52.9	+1.1
V14A	Boquillas Ranc	20.20 270	↑P	Pn	15 18 52.6	+0.1
P13A	Bates Ranch, G	20.32 281	↑P	Pn	15 18 53.4	+0.7
M13A	Montello	20.34 287	eP	Pn	15 18 53.7	+0.9
N13A	Wendover, West	20.38 285	↑P	Pn	15 18 54.1	+0.8
N13A	Wendover, West	20.38 285	ePn	Pn	15 18 54.0	+0.7
Q13A	Wheeler Ranch	20.38 280	↑P	Pn	15 18 53.9	+0.6
B15A	Grady Ranch	20.38 307	↑P	Pn	15 18 53.0	-0.3
W14A	Seligman	20.40 269	↑P	Pn	15 18 53.6	0.0
CHMT	Chamberlain Mo	20.40 303				

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ELDTW Lidau, ALS, JKRS Kuro-shima, CHNS Tsauling, etc.

MEX 18:15:23.34.0.4, 14:18N-93:51W, h11km, 12km, MD4.0, Near coast of Chiapas. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ISCBJ, NEIC, IS, LPAZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include DJA, ISCBJ, IDC, MOS, GCMT, SYO, NVL, MAIT, SUR, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include VNA2, VNA1, VNA3, BOSA, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PPT, PPT, PPT, CD2, CD2, CD2, etc.

119A	Aspheak Ranch, baz=140	139.49 260	UP	PKPdf	15 51 23.3 +1.1	BFSC	Mount Baldy St baz=146	145.47 254	UP	PKPdf	15 51 32.6 -0.1	NVAR	Mina Array Bea baz=149	147.70 259	PKP	PKPdf	15 51 34.9 -3.0
217A	Green Valley baz=140	139.69 258	UP	PKPdf	15 51 23.8 +1.2	S13A	Holt Ranch, En baz=146,SNR=24	145.49 262	UP	PKPdf	15 51 32.7 +0.1	NVAR	Moss Hill, Enn baz=149	148.75 275	UP	PKPb	15 51 42.4 +0.7
Y20A	Horse Springs, baz=140	139.73 262	UP	PKPdf	15 51 23.8 +1.3	Q15A	Fillmore baz=146	145.51 265	UP	PKPdf	15 51 32.6 0.0	J14A	Carey baz=149,SNR=14	148.77 271	UP	PKPdf	15 51 39.3 +1.4
X21A	Alamocita Cree baz=140	139.74 264	UP	PKPdf	15 51 23.8 +1.3	L19A	Farson baz=146,SNR=20	145.55 272	UP	PKPdf	15 51 32.8 +0.2	O10A	Cortez Mining, baz=149	148.80 263	UP	PKPdf	15 51 39.4 +1.3
118A	Hornack Ranch, baz=140	139.80 260	UP	PKPdf	15 51 24.2 +1.5	M18A	Lyman baz=146,SNR=20	145.59 271	UP	PKPdf	15 51 33.1 +0.5	E17A	Martinsdale baz=149	148.81 278	UP	PKPdf	15 51 39.3 +1.4
Z19A	T-Link Ranch, baz=140	139.84 261	UP	PKPdf	15 51 24.1 +1.4	K19A	Absolon Red Bu baz=146,SNR=17	145.66 274	UP	PKPdf	15 51 33.4 +0.7	BOZ	Bosmans (W) baz=149	148.86 276	UP	PKPdf	15 51 39.5 +1.5
TUC	Tucson baz=140	140.05 259	ePKIKP	PKPdf	15 51 23.7 +0.5	MPU	Maple Canyon baz=146,SNR=17	145.69 267	ePKPdf	PKPdf	15 51 32.4 -0.5	EGMT	Eagleton baz=149,SNR=9.0	148.90 281	UP	PKPdf	15 51 39.2 +1.3
117A	Oracle baz=140	140.21 259	UP	PKPdf	15 51 25.0 +1.6	DSC	Daniels Canyon baz=146,SNR=25	145.71 266	PKP2	PKPdf	15 51 33.8 +0.1	EGMT	Eagleton baz=149	148.90 281	ePKPdf	PKPdf	15 51 37.0 -0.9
216A	Three Points, baz=140	140.23 258	UP	PKPdf	15 51 24.6 +1.1	GAU	Goldstone baz=146,SNR=18	145.71 266	UP	PKPdf	15 51 33.5 +0.4	F16A	Kennard Place, baz=149	148.94 273	UP	PKPdf	15 51 39.5 +1.4
Y19A	Nutrosio baz=140	140.29 262	UP	PKPdf	15 51 24.9 +1.3	GSC	Goldstone baz=146	145.71 256	ePKPdf	PKPdf	15 51 33.5 +0.4	H15A	Lima baz=149,SNR=6.3	148.94 273	UP	PKPdf	15 51 39.5 +1.4
V21A	Milan baz=141	140.57 265	UP	PKPdf	15 51 25.3 +1.3	O16A	Springville baz=146	145.73 268	UP	PKPdf	15 51 33.1 +0.2	L12A	House Creek Ra baz=149	149.01 268	UP	PKPdf	15 51 39.8 +1.4
W20A	Ramah baz=141	140.63 264	UP	PKPdf	15 51 25.2 +1.1	N17A	Moffitt Pass baz=146,SNR=20	145.76 269	UP	PKPdf	15 51 33.5 +0.5	D17A	Six Diamond Ra baz=149,SNR=7.6	149.04 279	UP	PKPdf	15 51 39.6 +1.4
214A	Organ Pipe Nat baz=141	141.00 266	UP	PKPdf	15 51 26.6 +1.8	P15A	Leamington baz=146,SNR=18	145.81 266	UP	PKPdf	15 51 33.6 +0.5	M11A	Holland Ranch, baz=149,SNR=6.5	149.06 266	UP	PKPdf	15 51 40.0 +1.5
Y17A	Roosevelt baz=141	141.06 260	UP	PKPdf	15 51 26.7 +1.7	L18A	Fontenelle, Gr baz=146,SNR=5.2	145.86 271	UP	PKPdf	15 51 33.6 +0.5	I14A	Mackay baz=149,SNR=8.6	149.06 272	UP	PKPdf	15 51 40.3 +2.0
V20A	Brimhall baz=141	141.06 265	UP	PKPdf	15 51 26.7 +1.8	NLU	North Lily Min baz=146,SNR=7.6	145.92 267	ePKPdf	PKPdf	15 51 34.1 +1.1	B18A	Beardley Farm baz=149	149.08 282	UP	PKPdf	15 51 40.0 +1.8
X18A	Snowflake baz=141	141.10 262	UP	PKPdf	15 51 26.7 +1.7	JLT	Jordanella baz=146,SNR=25	145.93 268	ePKPdf	PKPdf	15 51 33.9 +0.6	G15A	Dillon baz=149	149.13 275	UP	PKPdf	15 51 39.8 +1.3
Y16A	Circle Bar Ran baz=142	141.57 260	UP	PKPdf	15 51 26.9 +1.0	R13A	O Grain Ranch, baz=146,SNR=15	145.98 270	UP	PKPdf	15 51 33.9 +0.5	MCMT	McKenzie Canyo baz=149,SNR=7.6	149.18 274	ePKPdf	PKPdf	15 51 38.6 +0.1
114A	Black Gap (USA baz=142	141.61 257	UP	PKPdf	15 51 26.9 +0.9	Q14A	Sevier Lake (B baz=146,SNR=25	146.04 264	UP	PKPdf	15 51 34.5 +1.0	J13A	Chattahoochee P baz=149,SNR=8.0	149.21 270	UP	PKPdf	15 51 40.3 +1.7
R22A	Saguache, Gunn baz=142	141.61 269	UP	PKPdf	15 51 26.7 +0.9	BW06	Boulder Array baz=146,SNR=20	146.06 273	UP	PKPdf	15 51 33.9 +0.5	K12A	Draper Farm, C baz=149	149.22 269	UP	PKPdf	15 51 40.5 +1.8
ULM	Lac du Bonnet comp=Z,3.5nm,0.9s,baz=132,slow=2.1,SNR=5.0	141.89 292	PKP	PKPdf	15 51 24.8 -1.1	PDAR	Pinedale Array baz=146,SNR=20	146.06 273	PKPb	PKPb	15 51 33.2 -1.1	DLMT	Diamond D Ranch, baz=150,SNR=20	149.30 275	ePKPdf	PKPdf	15 51 39.2 +0.5
ULM	Lac du Bonnet comp=Z,3.5nm,0.9s,baz=132,slow=2.1,SNR=5.0	141.89 292	PKP	PKPdf	15 51 24.8 -1.1	T11A	Corn Creek, Al baz=146,SNR=41	146.08 260	UP	PKPdf	15 51 34.5 +0.9	C17A	Whoram Farm, baz=150,SNR=20	149.31 280	UP	PKPdf	15 51 40.6 +2.0
ISCO	Idaho Springs baz=142	141.90 272	ePKIKP	PKPdf	15 51 24.3 -2.0	N16A	Rees Ranch, Co baz=146,SNR=41	146.10 269	UP	PKPdf	15 51 34.6 +1.1	E16A	East Helena baz=150	149.34 277	UP	PKPdf	15 51 40.0 +1.3
Q22A	Crested Butte, baz=142	142.11 270	UP	PKPdf	15 51 27.8 +1.1	S12A	Delamar Landin baz=146,SNR=17	146.10 261	UP	PKPdf	15 51 34.3 +0.6	A18A	Melzer Ranch, baz=150	149.35 283	UP	PKPdf	15 51 40.3 +1.6
R21A	Cimarron baz=142	142.18 268	UP	PKPdf	15 51 27.3 +0.5	EDW2	Edwards Air Fo baz=146	146.11 254	UP	PKPdf	15 51 34.4 +0.6	H14A	Leadore baz=150	149.38 273	UP	PKPdf	15 51 40.1 +1.3
S7C	Snowmass baz=143	142.34 270	PKPdf	PKPdf	15 51 24.1 -3.0	LAO	ASA Array baz=150,SNR=8	146.15 281	ePKPdf	PKPdf	15 51 34.0 +0.5	HLID	Halley baz=150,SNR=6.8	149.44 270	UP	PKPdf	15 51 40.4 +1.5
VMTC	Tonalea, Kykot baz=143	142.35 262	UP	PKPdf	15 51 28.4 +1.0	U10A	Ash Meadows, A baz=146,SNR=18	146.20 258	UP	PKPdf	15 51 34.5 +0.6	HLID	Halley baz=150	149.44 270	ePKPdf	PKPdf	15 51 38.5 -0.5
WUAZ	Wupatki baz=143	142.63 262	UP	PKPdf	15 51 29.1 +1.4	K18A	Tollan Ranch, baz=146,SNR=18	146.28 272	UP	PKPdf	15 51 34.7 +1.0	LRM	Limelkin Ridge baz=150,SNR=20	149.45 276	ePKPdf	PKPdf	15 51 39.3 +0.4
WUAZ	Wupatki baz=143	142.63 262	eP	PKPdf	15 51 23.5 -4.2	P14A	Drum Mountains baz=146	146.29 265	UP	PKPdf	15 51 34.7 +0.8	I13A	Wildhorse Cree baz=150,SNR=18	149.46 271	UP	PKPdf	15 51 40.9 +1.9
YSS	Yuzh-Sakhalins baz=143	142.80 75	ePKIKP	PKPdf	15 51 24.0 -3.6	O15A	The Old Anders baz=146	146.36 267	UP	PKPdf	15 51 35.1 +1.1	F15A	Butte baz=150,SNR=6.5	149.48 276	UP	PKPdf	15 51 40.8 +1.8
U16A	Tuba City baz=143	142.90 263	UP	PKPdf	15 51 29.7 +1.5	R12A	Port Springs, baz=147	146.43 262	UP	PKPdf	15 51 35.5 +1.4	D16A	Dave Ranch, Ca baz=150,SNR=9.6	149.50 278	UP	PKPdf	15 51 40.8 +1.9
Q20A	Ridgley Place, baz=143	143.01 269	UP	PKPdf	15 51 29.7 +1.4	L17A	Cokeville baz=147,SNR=18	146.47 271	UP	PKPdf	15 51 35.3 +1.2	HRH	Holter Researc baz=150,SNR=13	149.51 281	ePKPb	PKPb	15 51 43.6 +0.1
R19A	Curley Farm, L baz=143	143.17 267	UP	PKPdf	15 51 29.9 +1.3	Q13A	Wheeler Ranch, baz=147,SNR=18	146.47 264	UP	PKPdf	15 51 35.6 +1.4	B17A	L&G Farms, Che baz=150,SNR=13	149.54 278	UP	PKPb	15 51 41.1 +2.0
T17A	Navajo Res., N baz=144,SNR=9.3	143.27 264	UP	PKPdf	15 51 29.7 +0.9	DUG	Dugway baz=147,SNR=17	146.51 267	ePKP2	PKPdf	15 51 35.4 +1.1	CMB	Chattahoochee C baz=150,SNR=19	149.69 266	ePKHKP	PKPdf	15 51 41.2 +1.7
V15A	Kaibab Nationa baz=144	143.31 261	UP	PKPdf	15 51 29.2 +0.3	FURC	Furnace Creek, baz=147,SNR=7.4	146.54 258	UP	PKPdf	15 51 35.7 +1.2	L10A	Juniper Basin baz=150,SNR=15	149.85 266	UP	PKPdf	15 51 41.3 +1.7
RSD	Black Hills baz=144	143.48 279	ePKHKP	PKPdf	15 51 24.9	J18A	Kenilworth Ran baz=147,SNR=17	146.59 273	UP	PKPdf	15 51 35.5 +1.2	E15A	Deer Lodge, baz=150,SNR=6.5	149.86 277	UP	PKPdf	15 51 41.0 +1.5
Q15A	Hogan Spring (C baz=144	143.59 268	UP	PKPdf	15 51 28.6 -0.7	HWUT	Hardware Ranch baz=147,SNR=17	146.60 270	ePKPdf	PKPdf	15 51 34.9 +0.5	A17A	Triple J Farms baz=150,SNR=82	149.87 282	UP	PKPdf	15 51 40.6 +1.2
R18A	Canyonlands Na baz=144,SNR=8.0	143.62 267	UP	PKPdf	15 51 28.6 -0.8	MPMC	Manual Prospect baz=147,SNR=20	146.64 257	UP	PKPdf	15 51 35.8 +1.2	H13A	Chattahoochee C baz=150,SNR=7.4	149.89 282	UP	PKPdf	15 51 41.7 +1.0
N21A	Black Mountain baz=144	143.65 272	UP	PKPdf	15 51 29.0 -0.7	I18A	Diamond G Ranch baz=147,SNR=11	146.74 274	UP	PKPdf	15 51 35.9 +1.4	C16A	Fuhringer Ranc baz=150,SNR=20	149.98 280	UP	PKPdf	15 51 41.1 +1.4
S17A	Black Ridge (B baz=144	143.68 265	UP	PKPdf	15 51 28.8 -0.7	L16A	Fish Haven baz=147,SNR=18	146.76 270	UP	PKPdf	15 51 35.6 +1.0	K11A	Parker Ranch, baz=150,SNR=17	149.99 268	UP	PKPdf	15 51 40.9 +1.0
L22A	Ellis Ranch, M baz=144	143.74 274	UP	PKPdf	15 51 28.9 -0.5	P13A	Bates Ranch, G baz=147,SNR=8	146.78 264	UP	PKPdf	15 51 35.8 +1.1	F14A	Wisdom baz=150	150.00 275	UP	PKPdf	15 51 40.8 +1.0
V14A	Boquillas Ranc baz=144,SNR=8.9	143.74 260	UP	PKPdf	15 51 29.1 -0.6	RES	Resolute Bay, K17A baz=147	146.85 334	ePKHKP	PKPdf	15 51 30.7	I12A	Atlanta baz=150	150.01 278	UP	PKPdf	15 51 41.0 +1.1
U15A	North Rim baz=144,SNR=10	143.79 262	UP	PKPdf	15 51 29.0 -0.7	ISA	Isabella baz=147	146.94 255	UP	PKPdf	15 51 37.0 +1.9	D15A	Lincoln baz=150,SNR=30	150.09 270	UP	PKPdf	15 51 41.2 +1.4
W13A	Hualapai Mount baz=144	143.84 259	UP	PKPdf	15 51 29.4 -0.5	ISA	Isabella baz=147	146.94 255	ePKPb	PKPb	15 51 37.2 +0.1	G13A	Cobalt baz=150,SNR=7.1	150.15 273	UP	PKPdf	15 51 40.7 +0.6
P19A	Cripple Cowboy baz=144	143.84 269	UP	PKPdf	15 51 29.7 0.0	SPUT	South Promonto baz=147	146.96 268	ePKPb	PKPb	15 51 37.4 +0.1	MFID	Camas Ranch baz=150,SNR=6.7	150.22 269	UP	PKPdf	15 51 40.3 +0.9
IRM	Iron Mountain baz=144,SNR=9.6	143.94 256	UP	PKPdf	15 51 29.5 -0.5	Q12A	Willow Creek R baz=147,SNR=11	147.01 263	UP	PKPb	15 51 37.5 +0.2	B16A	M & M Farms, S baz=150,SNR=13	150.24 281	UP	PKPdf	15 51 42.0 +1.9
M21A	Separation Pea baz=144	144.05 273	UP	PKPdf	15 51 29.7 -0.3	R11A	Troy Canyon, C baz=147,SNR=9.9	147.05 261	UP	PKPb	15 51 37.1 -0.2	H12A	Diamond D Ranc baz=150	150.25 272	UP	PKPdf	15 51 41.7 +1.5
R17A	Hanksville Air baz=144,SNR=14	144.13 266	UP	PKPdf	15 51 29.7 -0.6	M15A	Larsen Ranch, baz=147	147.05 269	UP	PKPb	15 51 37.1 -0.2	E14A	Clinton baz=151,SNR=8.8	150.40 282	UP	PKPdf	15 51 41.8 +1.5
N20A	Spence Gulch, baz=144	144.14 271	UP	PKPdf	15 51 30.3 +0.1	BGU	Big Grassy Mount baz=147,SNR=8.0	147.09 267	ePKPb	PKPb	15 51 37.2 -0.2	A16A	West Butte Ran baz=151,SNR=11	150.40 282	UP	PKPdf	15 51 41.9 +1.6
Q18A	Rafter H Ranch baz=144,SNR=20	144.21 267	UP	PKPdf	15 51 30.1 -0.2	N14A	Grayback Hills baz=147,SNR=8.0	147.14 267	UP	PKPb	15 51 37.3 -0.2	CHMT	Chamberlain Mo baz=151	150.47 277	ePKPb	PKPb	15 51 45.9 +0.1
T15A	Red Dirt Ranch baz=144,SNR=8.4	144.23 263	UP	PKPdf	15 51 30.2 -0.3	FFC	Flin Flon baz=147	147.16 296	ePKP2	PKPdf	15 51 37.5 +0.4	C15A	Salmond Ranch, baz=151	150.48 279	UP	PKPb	15 51 41.8 +1.4
L21A	Rawlins baz=144	144.27 273	UP	PKPdf	15 51 30.7 +0.4	LOHW	Long Hollow baz=147	147.17 273	ePKPdf	PKPdf	15 51 35.8 +0.5	K10A	MacKenzie Ran baz=151,SNR=11	150.50 267	UP	PKPdf	15 51 42.0 +1.4
TIXI	Tiksi comp=Z,50nm,1.1s	144.31 31	PKIKP	PKPdf	15 51 27.3 -2.2	RLMT	Red Lodge baz=147,SNR=10	147.17 277	ePKPdf	PKPdf	15 51 36.3 +1.1	F13A	Darby baz=151,SNR=13	150.57 274	UP	PKPdf	15 51 42.2 +1.6
TIXI	Tiksi comp=Z,345nm,18.0s,MS5.2	144.31 31	PKIKP	PKPdf	15 51 27.4 -2.1	GRAC	Grapevine Rang baz=147,SNR=11	147.20 258	UP	PKPdf	15 51 36.4 +0.9	I11A	Placevorth baz=151,SNR=12	150.57 270	UP	PKPdf	15 51 42.4 +1.4
TIXI	Tiksi	144.31 31	ePKPdf	PKPdf	15 51 27.4 -2.1	TPAW	Teton Pass baz=148,SNR=7.0	147.31 273	ePKPb	PKPb	15 51 37.9 0.0	D14A	Greenough baz=151,SNR=8.1	150.77 277	ePKPdf	PKPb	15 51 42.2 +1.5
U14A	Mt Trumbull baz=144,SNR=14	144.32 261	UP	PKPdf	15 51 31.3 +0.7	I17A	Pilgrim Ck. baz=148,SNR=7.0	147.31 274	UP	PKPb	15 51 37.2 -0.7	SLMT	Seeley Lake baz=151,SNR=12	150.81 276	ePKPdf	PKPb	15 51 42.2 +1.3
PFO	Pinyon Flat Ob baz=144	144															

CSEM 18 15:31:58.5-0.3, 43.85N-18.39E, h5km, ML1.9, Error ellipse: s-maj=8.2km s-min=4.8km az=145.0

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

ISCJB 18 15:32:40.9-0.3, 67.76N-0.02-15.42E-0.06, h0km, Error ellipse: s-maj=3.7km s-min=2.9km az=43.5

CSEM 18 15:32:42.3-0.2, 67.94N-15.22E, h1km, ML2.2, Error ellipse: s-maj=5.0km s-min=4.1km az=150.0, Suspected Mining explosion.

UPP 18 15:32:42.6, 67.81N-15.10E, h0km, ML2.2, Suspected Mining explosion.

HEL 18 15:32:43.2-0.1, 67.84N-15.22E, h8km, ML2.2, ML2.2(BER), ML2.2(UPP)

NAO 18 15:32:44.9-2.4, 67.93N-15.21E, h10km, ML2.2, BER 18 15:32:44.3-4.8, 67.93N-15.09E, h5km, MD2.4, ML2.2, ML2.2(NAO)

IDC 18 15:32:46.3-1.4, 67.69N-15.86E, h0km, mb1 3.0/4, mb1mx2 9/25, mbtmp3 0/4, ML2.6/4, Error ellipse: s-maj=19.1km s-min=7.3km az=122.0

ISC 18 15:32:42.1-0.3, 67.79N-0.02-15.38E-0.06, h0km, n75, r150/118, 3C, Northern Norway

Main table listing station data for Northern Norway and other stations, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res.

Table listing station data for stations like KEV, OUL, VRF, etc., including columns for Code, Station Name, Azimuth, Phase ID, Time, Res.

KRSC 18 15:36:16.0-1.3, 52.21N-159.69E, h5km, ML3.9, Off east coast of Kamchatka Peninsula

Table listing station data for Kamchatka Peninsula stations, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res.

ISCJB 18 15:51:15.5-2.6, 22.12N-0.09-144.3E-0.2, h45km, 22km, mb3.9/13, MS4.3/4, Error ellipse: s-maj=32.4km s-min=13.5km az=170.9

NEIC 18 15:51:16.5-1.3, 22.10N-144.28E, h35km, mb3.8/3, Error ellipse: s-maj=41.6km s-min=11.5km az=71.0

IDC 18 15:51:16.9-3.5, 22.13N-144.40E, h42km, 30km, mb3.7/11, mb1 3.9/12, mb1mx3 8/22, mbtmp3 8/12, ML3.6/1, MS4.3/4, Ms1 4.3/4, ms1mx3 2/36, Error ellipse: s-maj=33.6km s-min=14.6km az=84.0

ISC 18 15:51:17.8-2.3, 22.12N-0.09-144.3E-0.2, h49km, 19km, n22, r061/19, mb3.9/13, MS4.3/4, Volcano Islands

Main table listing station data for Volcano Islands and other stations, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res.

Table listing station data for stations like RAR, YKA, PPT, etc., including columns for Code, Station Name, Azimuth, Phase ID, Time, Res.

ISCJB 18 16:03:47.0-0.8, 14.18N-0.05-93.48W-0.03, h33km, mb3.6/3, Error ellipse: s-maj=7.5km s-min=4.6km az=5.4

IDC 18 16:03:47.9-3.1, 14.56N-93.27W, h0km, mb3.6/3, mb1 3.9/7, mb1mx3 7/24, mbtmp3 6/7, ML3.8/3, Error ellipse: s-maj=53.3km s-min=24.6km az=12.0

MEX 18 16:03:48.0-1.1, 14.15N-93.50W, h1km, 20km, MD4.3

NEIC 18 16:03:48.6, 14.17N-93.48W, h12km, MD4.3(MEX), After MEX.

ISC 18 16:03:49.0-0.8, 14.22N-0.06-93.44W-0.03, h35km, n25, r15/43, mb3.6/3, Near coast of Chiapas

Main table listing station data for Chiapas and other stations, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res.

BUI 18 16:19:41.4, 10:39S-166.10E, h13km, mb5.3/3, mb4.9/7

NEIC 18 16:19:42.6-0.5, 10.74S-166.30E, h35km, mb4.5/5, Error ellipse: s-maj=13.0km s-min=12.1km az=97.0

ISCJB 18 16:19:48.6-4.2, 10.95S-166.1E-0.1, h96km, 38km, mb4.3/18, Error ellipse: s-maj=23.4km s-min=17.8km az=26.0

IDC 18 16:19:51.2-9.4, 10.90S-166.26E, h111km, 85km, mb4.1/11, mb1 4.2/11, mb1mx4 1/18, mbtmp4 1/11, Error ellipse: s-maj=29.8km s-min=19.9km az=34.0

ISC 18 16:19:49.2-2.9, 10.95S-166.2E-0.1, h88km, 26km, n24, r091/21, mb4.3/18, Santa Cruz Islands

Main table listing station data for Santa Cruz Islands and other stations, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res.

DZM	Mont Dzumac	2.41 228	eP	Pn	16 27 27.8	-0.4
DZM			eS	Sn	16 27 56.8	+0.3
NOUC	Port Laguerre	2.53 229	eP	Pn	16 27 29.8	0.0
NOUC			eS	Sn	16 27 59.3	+0.1
STKA	Stevens Creek	26.52 239	eP	Pn	16 32 25.9	+0.4
	1.4nm, 0.5s, mb3.5, baz=57, slow=13, SNR=3.4					
RAR	Rarotonga	29.76 97	LR	LR	16 37 58.7	
	comp=Z, 198nm, 21.5s, baz=150, slow=31					
WRA	Warramunga Arr	31.91 265	P	P	16 33 13.1	-0.5
	0.9nm, 0.5s, mb3.3, baz=91, slow=8, SNR=3.6					
ASAR	Alice Springs	32.05 258	P	P	16 33 15.4	+0.5
	1.0nm, 0.7s, mb3.8, baz=85, slow=2, SNR=19					

CASC 18 16:29:43.9:1.7, 12.28N:87.47W, h58km, 42km, MD3.7, ML3.3, Near coast of Nicaragua

Code	Station Name	Δ° AZZ°	Phase ID	Time Res	ISC	h m s	ISC
CRIN	San Cristobal	0.59 45	eP	Pn	16 29 57.0	+0.3	
CRIN			eS	Sn	16 30 07.0	+1.0	
CRIN			AML	AML	16 30 09.5		
	comp=N, 11jm, 0.2s						
TELN	Telica	0.70 63	eP	Pn	16 29 58.2	+0.1	
MIRN	Miramar	0.76 78	eP	Pn	16 29 58.5	-0.2	
CNGN	Cerro Negro	0.79 74	eP	Pn	16 29 59.2	+0.1	
CNGN			eS	Sn	16 30 10.2	-0.1	
CNGN			AML	AML	16 30 21.8		
	comp=N, 654nm, 0.4s						
COPN	Copaltepe	0.86 97	eP	Pn	16 29 59.5	-0.7	
MOMN	Momotombo	0.92 82	eP	Pn	16 30 01.1	+0.2	
CLAN		1.03 95	eP	Pn	16 30 02.3	0.0	
CNCH	Conchagua	1.05 94	eP	Pn	16 30 03.2	+0.6	
CNCH			eS	Sn	16 30 17.9	+1.5	
APYN	Apoyeque	1.10 92	eP	Pn	16 30 02.7	-0.4	
TICN	Ticuapeute	1.24 101	eP	Pn	16 30 05.4	+0.4	
WILN	Américas 2	1.26 95	eP	Pn	16 30 05.3	0.0	
BLLM	Bellamira	1.38 327	eP	Pn	16 30 07.6	+0.7	
LFRS	El Faro	2.05 311	eP	Sn	16 30 16.9	+1.0	
LFRS			eS	Sn	16 30 39.8	-0.6	

NEIC 18 16:32:53.1±0.8, 0.83N:123.21E, h35km, mb3.9/1, Error ellipse: s-maj=24.3km s-min=12.4km az=74.0

ISCJB 18 16:33:04.5±1.0, 0.33N:101.12E, h168km, 7km, mb3.6/6, Error ellipse: s-maj=27.5km s-min=13.9km az=157.0

IDC 18 16:33:05.7±5.3, 0.29N:122.32E, h165km, 51km, mb3.3/5, mb1.3/3.7, mb1mx3.2/21, mbtmpp3.2/7, Error ellipse: s-maj=76.9km s-min=15.3km az=63.0

DJA 18 16:33:19.0±23.9, 0.23N:122.19E, h229km, mb3.4/4

ISC 18 16:33:05.7±1.0, 0.33N:101.12E, h163km, 6km, n13, c=048/14, mb3.6/6, Minahasa Peninsula, Sulawesi

Code	Station Name	Δ° AZZ°	Phase ID	Time Res	ISC	h m s	ISC
MRSI	Marisa	0.45 292	P	Pn	16 33 28.3	0.0	
LUWI	Luwuk	1.04 163	P	Pn	16 33 41.2	+5.9	
LUWI			S	Sn	16 33 57.7	-0.4	
APSI	Ampana	1.40 210	P	Sn	16 33 36.1	+0.8	
APSI			S	Sn	16 33 58.3	+0.2	
MNI	Manado	2.72 66	P	Px	16 34 04.5		
PCI	Palu	2.80 244	P	Pn	16 33 58.6	+7.5	
KAPI	Kappang	5.89 206	P	Pn	16 34 30.3	-0.9	
	1.3nm, 0.3s, baz=216, slow=13, SNR=5.8						
FITZ	Fitzroy Crossi	18.58 170	P	P	16 37 10.7	+0.2	
	0.1nm, 0.3s, baz=352, slow=8, SNR=7.4						
WRAB	Tennant Creek	23.30 150	eP	P	16 37 59.9	+0.7	
	5.7nm, 1.2s, mb3.9						
WRA	Warramunga Arr	23.30 150	P	P	16 37 58.6	-0.6	
	0.8nm, 0.5s, mb3.5, baz=330, slow=10, SNR=24						
WRA			PcP	PcP	16 41 40.8	-1.0	
	0.1nm, 0.3s, baz=336, slow=2, SNR=5.4						
ASAR	Alice Springs	26.34 156	P	P	16 38 26.7	0.0	
	0.3nm, 0.5s, mb3.2, baz=322, slow=8, SNR=14						
ASAR			PcP	PcP	16 41 47.5	-1.1	
STKA	Stevens Creek	36.83 152	P	P	16 39 58.5	-0.9	
	0.9nm, 0.4s, mb3.8, baz=329, slow=12, SNR=4.5						
SONM	Songino Array	49.33 346	P	P	16 41 37.8	-0.4	
	0.9nm, 0.7s, mb3.5, baz=165, slow=9.4, SNR=6.7						
MKAR	Makanchi Array	50.02 329	P	P	16 42 41.6	+0.1	
	0.6nm, 0.5s, mb3.9, baz=128, slow=9.3, SNR=3.2						

GUC 18 16:42:07.8±0.6, 33.55S:72.39W, h20km, MD3.9, ML2.9, 1C-1D, Off coast of central Chile

Code	Station Name	Δ° AZZ°	Phase ID	Time Res	ISC	h m s	ISC
TACH	Talagante	1.22 95	eP	Pn	16 42 28.7	-1.0	
RCDM	Rinconada Maip	1.32 88	eP	Pn	16 42 30.4	-0.7	
RCDM			iS	Sn	16 42 47.9	-0.3	
RCDM			AML	AML	16 42 49.8		
	comp=E, 322nm, 0.3s						
PEL	Peldehue	1.48 75j	eP	Pn	16 42 33.1	-0.2	
PEL			iS	Sn	16 42 52.6	+0.6	
PEL			AML	AML	16 42 58.0		
	comp=E, 372nm, 0.6s						
PEL			AML	AML	16 43 01.7		
	comp=N, 396nm, 0.4s						
CLCH	Cerro Calan	1.56 85	eP	Pn	16 42 34.7	+0.3	
CLCH			iS	Sn	16 42 54.5	+0.6	
CLCH			AML	AML	16 43 05.9		
	comp=N, 255nm, 0.6s						
PCH	Pirque	1.57 93	eP	Pn	16 42 34.9	+0.4	
FCH	Farellones	1.77 84j	eP	Sn	16 42 38.8	+1.5	
FCH			iS	Sn	16 43 01.9	+2.7	
FCH			AML	AML	16 43 11.7		

IDC 18 16:51:38.7±5.1, 36°18'N:71°32'E, h86km, 43km, mb3.5/8, mb1.3/6.13, mb1mx3.4/29, mbtmpp3.5/13, MSJ3.0/1, MS1.3/0.1, ms1mx2.4/26, Error ellipse: s-maj=36.5km s-min=25.9km az=16.0

ISCJB 18 16:51:41.6±0.5, 36°46'N:0°03'71'E:59E:0.05, h121km, 7km, mb3.8/8, Error ellipse: s-maj=6.9km s-min=4.0km az=161.6

NEIC 18 16:51:42.9±0.9, 36°48'N:71°35'E, h116km, 8km, mb4.3/8, Error ellipse: s-maj=11.8km s-min=9.0km az=125.0

BJI 18 16:51:43.1, 36°48'N:71°32'E, h111km, mb4.4/1, mb3.8/3

NCC 18 16:51:52.9±1.1, 37°19'N:71°37'E, h122km, 80km, mb2.9, mpv4.1, Error ellipse: s-maj=80.1km s-min=49.7km az=22.0

ISC 18 16:51:42.6±0.4, 36°42'N:0°03'71'E:59E:0.05, h116km, 6km, n7.6, c=127/94, mb3.8/6, C-2D, Afghanistan-Tajikistan border region

Code	Station Name	Δ° AZZ°	Phase ID	Time Res	ISC	h m s	ISC
KBL	Kabul	2.82 229	Op	Pn	16 52 25.8	+0.6	
KBL			eS	Sn	16 53 01.1	+1.0	
KSH	Kashi	4.62 47j	iP	Pn	16 52 49.0	-1.4	
KSH			S	Sn	16 53 35.0	-8.0	
	comp=N, 710nm, 0.5s		smax				
KSH			smax				
THN	Thain Dam	5.22 138	eP	Pn	16 53 03.1	+4.6	
THN			ex	Sn	16 54 02.0	+4.4	
AML	Alamyashu	5.92 15	P	Pn	16 53 08.7	+0.8	
	SNR=178						
AML	Alamyashu	5.92 15	ePn	Pn	16 53 08.4	+0.5	
	comp=E, 43nm, 0.5s						
AML	Uchter	6.22 20	eS	Pn	16 54 08.2	-6.2	
AML	Uchter	6.22 20	ePn	Pn	16 53 13.1	+1.3	
UCH	Uchter	6.22 20	ePn	Pn	16 53 12.8	+1.0	
	comp=E, 10nm, 0.3s						
UCH			eS	Sn	16 54 19.6	-1.9	
KZA	Kyzart	6.31 25	P	Pn	16 53 14.3	+1.2	
	SNR=17						
EKS2	Erkin-Say	6.45 14	P	Pn	16 53 15.8	+0.8	
	SNR=38						
EKS2	Erkin-Say	6.45 14	ePn	Pn	16 53 15.4	+0.4	
	comp=E, 11nm, 0.5s						
EKS2			eS	Sn	16 54 24.9	-2.3	
AAK	Ala-Archa	6.59 19	P	Pn	16 53 18.3	+1.4	
	SNR=14						
AAK	Ala-Archa	6.59 19	P	Pn	16 53 18.2	+1.3	
	comp=E, 0.1nm, 0.3s, baz=341, slow=11, SNR=99						

Code	Station Name	Δ° AZZ°	Phase ID	Time Res	ISC	h m s	ISC
AAK	Ala-Archa	6.59 19	ePn	Pn	16 54 30.3	-0.2	
	comp=E, 0.1nm, 0.3s, baz=341, slow=11, SNR=99						
AAK	Ala-Archa	6.59 19	ePn	Pn	16 53 17.8	+0.9	
	comp=E, 20nm, 0.5s						
AAK			eS	Sn	16 54 31.5	+1.0	
SDNR	Sundarnaray	6.62 136	eP	Pn	16 53 08.5	-8.9	
SDNR			eS	Sn	16 54 32.1	+0.6	
KK31	Karatay Array	6.73 353	P	Pn	16 53 17.5	-1.3	
	comp=E, 1.1nm, 0.5s, baz=183, slow=14, SNR=225						
KK31			iS	Sn	16 54 30.2	-3.6	
	comp=E, 8.2nm, 0.5s, baz=173, slow=20, SNR=7.2						
KBK	Karayagbulak	6.74 21	P	Pn	16 53 21.0	+2.2	
	SNR=5.9						
ULHO	Ulho	6.83 30	P	Pn	16 53 21.6	+1.5	
	SNR=10.0						
CHMS	Chumysh	7.00 19	P	Pn	16 53 23.6	+1.1	
	SNR=10.0						
SMLA	Smla	7.01 137	iP	Pn	16 53 20.5	-2.3	
SMLA			eS	Sn	16 54 35.5	-5.5	
SMLA			iS	Sn	16 54 36.9	-4.1	
SMLA			ex	x	16 54 40.4		
	comp=N, 322nm, 0.3s						
SMLA			ex	x	16 54 41.5		
	comp=E, 350nm, 0.4s						
TKM2	Tokmak 2	7.18 24	iP	Pn	16 53 25.9	+1.1	
	comp=E, 9.1nm, 0.7s						
TKM2			iS	Sn	16 54 41.6	-3.2	
	comp=E, 13nm, 1.1s						
TKM2	Tokmak 2	7.18 24	ePn	Pn	16 53 25.7	+0.8	
	comp=E, 8.3nm, 0.8s						
KLP	Kalpa	7.36 130	eP	Pn	16 53 30.3	+3.0	
	comp=E, 13nm, 0.5s						
JOSI	Joshimath	8.84 129	eP	Pn	16 54 48.0	-1.2	
JOSI			eS	Sn	16 53 49.5	+2.0	
JOSI			iS	Sn	16 53 23.4	-1.9	
JOSI			AML	AML	16 55 26.8		
JOSI			AML	AML	16 55 31.9		
	comp=N, 102nm, 0.7s						
KHET	Khethi	9.05 156	eS	Sn	16 55 25.6	-4.7	
AYAN	Aya Nagar	9.18 148	eS	Sn	16 55 29.7	-3.9	
SONA	Sohna	9.37 149	eS	Sn	16 55 33.6	-4.5	
PIYUN	Piuthan	12.70 128	eP	Pn	16 54 38.2	-0.8	
	comp=E, 27nm, 0.5s						
PIYUN	Piuthan	12.70 128	eP	Pn	16 54 38.6	-0.4	
	comp=E, 27nm, 0.5s						
DANN	Dangsiung	13.03 125	eP	Pn	16 54 41.8	-1.6	
	comp=E, 47nm, 0.9s						
DANN	Makanchi Array	13.07 34	P	Pn	16 54 44.1	+0.3	
	comp=E, 0.1nm, 0.3s, baz=228, slow=1.3, SNR=3.0						
KOLN	Koldanda	13.32 127	eP	Pn	16 54 45.9	-1.2	
	comp=E, 13nm, 0.5s						
KOLN	Koldanda	13.32 127	eP	Pn	16 54 46.6	-0.5	
	comp=E, 13nm, 0.5s						
GKN	Gorkha	13.84 124	eP	Pn	16 54 53.7	-0.2	
	comp=E, 52nm, 0.8s						
DGN	Danda	13.84 124	eP	Pn	16 54 53.7	-0.2	
	comp=E, 43nm, 0.7s						
KMN	Daman	14.41 124	eP	Pn	16 55 00.6	-0.6	
	comp=E, 17nm, 0.5s						
DMN	Daman	14.41 124	eP	Pn	16 55 02.0	+0.8	
	comp=E, 17nm, 0.5s						
KKN	Kakani	14.41 123	eP	Pn	16 55 01.0	-0.2	
	comp=E, 22nm, 0.5s						
KKN	Kakani	14.41 123	eP	Pn	16 55 01.1	-0.1	
	comp=E, 22nm, 0.5s						

18d 19h

0588/78, 1C, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and various frequency/ID codes. Includes stations like YOJ, HATJ, HATU, IRIF, etc.

Table for Sumatara region with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and various frequency/ID codes. Includes stations like LHMI, BSI, GSI, etc.

ISCJB 18 18:33:52.4.0.0, 121.98N, 0.104, 125:22E, 0.08, h58km, 8km, mb4.3/16, MS2.9/3, Error ellipse: s-maj=13.1km s-min=5.9km az=158.4

2008 APR

mb1 3.9/9, mb1mx3.6/22, mbtms3.9/9, ML4.3/1, MS3.1/5, Ms1 3.1/5, ms1mx2.8/25, Error ellipse: s-maj=28.0km s-min=14.8km az=65.0

NEIC 18 18:33:57.5.2.1, 121.72N, 124.95E, h86km, 18km, mb4.5/8, Error ellipse: s-maj=27.4km s-min=7.1km az=61.0

ISC 18 18:33:54.8.0.9, 12.92N, 0.05, 125:18E, 0.07, h63km, 8km, n5.3, r17/52, mb4.3/16, 4C-2D, Samar

Main table for 2008 APR with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and various frequency/ID codes. Includes stations like CNP, PVP, MAS, etc.

NEIC 18 18:49:45.1, 37:42S, 176:21E, h273km, MG4.0(WEL), After WEL

WEL 18 18:49:45.3.0.3, 37:30S, 176:18E, h264km, 4km, ML4.0/13, 2C-2D, Error ellipse: s-maj=7.1km s-min=7.0km az=90.0, North Island

Table for North Island region with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and various frequency/ID codes. Includes stations like URZ, MWZ, PUK, etc.

Table for CANNON POINT region with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and various frequency/ID codes. Includes stations like MTW, CANNON POINT, etc.

CSEM 18 18:56:48.8.0.1, 36:94N, 29:29E, h14km, MD3.0, Error ellipse: s-maj=1.6km s-min=1.5km az=141.0

ISCJB 18 18:56:48.4, 36:95N, 29:29E, h16km, MD3.0, Error ellipse: s-maj=4.9km s-min=4.1km az=156.1

DDA 18 18:56:49.3, 36:96N, 29:27E, h7km, MD3.0, Error ellipse: s-maj=5.5km s-min=5.0km az=156.1

ISC 18 18:56:49.5.0.4, 36:95N, 0.03, 29:29E, 0.03, h13km, 4km, n5.1, r0927/2, Turkey

Table for Turkey region with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and various frequency/ID codes. Includes stations like GLHS, FETHIYE, etc.

ISCJB 18 19:31:43.4.3.1, 51:16N, 0.1, 179:29W, 0.09, h15km, 20km, mb4.0/13, MS3.4/3, Error ellipse: s-maj=20.5km s-min=9.3km az=169.2

IDC 18 19:31:43.2.0.9, 51:24N, 178:98W, h0km, mb3.6/8, mb1 4.0/9, mb1mx3.7/27, mbtms3.7/9, ML3.9/1, MS3.3/4, Ms1 3.3/4, ms1mx2.9/33, Error ellipse: s-maj=38.3km s-min=20.1km az=147.0

NEIC 18 19:31:45.4.0.9, 51:48N, 179:03W, h10km, mb4.2/6, ML4.3(AE/C), Error ellipse: s-maj=20.7km s-min=11.5km az=162.0

BUI 18 19:31:51.9.52:43N, 179:75W, h10km, mb4.6/1, mb4.7/5, Ms3.8/1, Ms7.3/7

ISC 18 19:31:45.5.3.7, 51:16N, 0.1, 179:30W, 0.10, h18km, 23km, n3.7, r099/34, mb4.0/13, MS3.4/3, Andreanof Islands

Table for Andreanof Islands region with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and various frequency/ID codes. Includes stations like GSTR, ATKA, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PAX, DAWY, INK, DLBC, YKA, NVAR, PDAR, ZALV, LZH, GTA, ARCES, TXAR, TXAR, GYA, AKASG, WRA, ASAR.

ISK 18 19:48:10.6, 36.94N, 29.29E, h5km, MD2.9
ISCJB 18 19:48:11.9, 0.5, 36.96N, 0.03, 29.29E, 0.03, h2km, 5km,
Error ellipse: s-maj=4.6km s-min=3.7km az=158.0
CSEM 18 19:48:12.0, 0.1, 36.95N, 29.31E, h2km, MD2.9, Error
ellipse: s-maj=1.4km s-min=1.2km az=2.0
DDA 18 19:48:12.3, 37.00N, 29.28E, h23km, 1km, MD3.0
ISC 18 19:48:12.3, 0.5, 36.96N, 0.03, 29.29E, 0.03, h5km, 5km,
n48, c0589/65, Turkey

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GLHS, BURDU, GOLH, FETHIYE, ELMALI, TURUNC, CAKIROLUK, AKAS, KAS, DENIZLI, YERKESIK, KORKUELLI, ANTB, BUCK, MSLB, ISPARTA, AYDIN, DAT, KHAL, KARAHALLI, SUTLUCE, BDRM, BODRUM, KULA, SHUT, HDMB, KADINHANI.

IDC 18 19:49:54.4, 7.2, 20.41S, 169.16E, h0km, mb4, 1/3,
mb1 4.3/3, mb1mx3.8/15, mbtmp4.1/3, Error ellipse:
s-maj=181.9km s-min=49.9km az=153.0, Vanuatu
Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CTA, WRA, ASAR, GERES.

ISK 18 19:52:03.8, 37.02N, 29.16E, h8km, MD2.9
ISCJB 18 19:52:04.7, 0.5, 36.98N, 0.03, 29.17E, 0.04, h6km, 6km,
Error ellipse: s-maj=5.9km s-min=4.4km az=26.5
CSEM 18 19:52:04.6, 0.2, 36.99N, 29.19E, h10km, MD2.9, Error
ellipse: s-maj=4.8km s-min=4.3km az=136.0
DDA 18 19:52:06.3, 37.06N, 29.21E, h7km, 4km, MD2.8
ISC 18 19:52:05.1, 0.5, 36.98N, 0.03, 29.18E, 0.04, h9km, 6km,
n31, c1902/48, Turkey

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GLHS, FETHIYE, GOLH, TURUNC.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DALT, ELL, INK, DLBC, YKA, NVAR, PDAR, ZALV, LZH, GTA, ARCES, TXAR, TXAR, GYA, AKASG, WRA, ASAR.

CASC 18 19:55:14.6, 1.6, 13.48N, 90.91W, h36km, 6km, MD3.6, 3D,
Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like IXG, FUG, FG6, JAT, NBG, RTR, SBL, TP2, SNJE, RBQL, BOQS, M702, LFRS, MRL.

ISCJB 18 20:00:49.3, 0.3, 30.96S, 0.07, 59.36E, 0.08, h10km,
mb4, 4/32, MS3.9/2, Error ellipse: s-maj=10.8km
s-min=9.1km az=40.9
IDC 18 20:00:49.6, 0.5, 30.91S, 59.41E, h0km, mb4, 2/16,
mb1 4.3/17, mb1mx3.2/23, mbtmp4.2/17, ML3.8/17, MS4.0/2,
Ms1 3.9/2, ms1mx3.4/27, Error ellipse: s-maj=19.2km
s-min=14.6km az=26.0
NEIC 18 20:00:50.7, 0.3, 30.92S, 59.33E, h10km, mb4, 6/19, Error
ellipse: s-maj=10.8km s-min=9.0km az=207.0
ISC 18 20:00:51.2, 0.3, 30.93S, 0.07, 59.35E, 0.08, h10km, n58,
c0575/44, mb4, 4/32, MS3.9/2, 2C-3D, Southwest Indian
Ridge

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ABPO, BOSA, LOSA, LSZ, SUR, KMBO, MAW, MAW, MAW, TSMU, SYO, ATD, ATD, GSPA, CM31, CMAR, CHTO, SBA, ASAR, LSA, WRA, WRAB, STKA, TOR, MALT, DBIC, GNI, BRTR, EK2S, GTA, WFT, ABKAR, ABKAR, MRL, PLO, KUR, BZS, BRVK, ARU.

ISCJB 18 20:12:18.6, 0.6, 43.81N, 0.05, 105.31W, 0.07, h0km, Error
ellipse: s-maj=7.3km s-min=6.8km az=48.8
IDC 18 20:12:18.1, 0.2, 43.88N, 0.05, 105.49W, h0km, mb1 3.4/3,
mb1mx3.2/25, mbtmp3.1/3, ML3.2/2, Error ellipse:
s-maj=45.6km s-min=9.2km az=150.0
NEIC 18 20:12:19.5, 0.5, 43.77N, 105.29W, h0km, ML2.9, Error
ellipse: s-maj=7.1km s-min=6.3km az=161.0, Suspected
Mining explosion.
NEIC 60 km [40 miles] SSE of Gillette.
ISC 18 20:12:19.6, 0.5, 43.79N, 0.05, 105.28W, 0.06, h0km, n24,
c1903/24, Wyoming

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like RSSD, PHWY, RWWY, LAO, BLMT, PDAR, PDAR, GAGMT, OGNE, LWKY, LOHW, SNOW, INSCO, IMW, RPW, TR2E, SMCO, EGMET, HRY, HVU, ULM, ULM.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ZAAO, ZALV, SOLN, ULN, CHUM, PMR, FAX, RC01, MENT, DAWY, BMRM, YKA, YKA, COWI, EYWI, ULM, ULM, PDAR.

ISCJB 18 20:07:42.6, 0.4, 36.97N, 0.03, 29.23E, 0.03, h13km, 4km,
Error ellipse: s-maj=5.2km s-min=4.1km az=159.7
CSEM 18 20:07:42.7, 0.1, 36.98N, 29.21E, h15km, MD3.0, Error
ellipse: s-maj=2.1km s-min=1.7km az=162.0
ISK 18 20:07:42.1, 36.98N, 29.25E, h10km, MD3.0
DDA 18 20:07:43.8, 36.98N, 29.25E, h7km, 4km, MD2.9
ISC 18 20:07:43.1, 0.4, 36.96N, 0.03, 29.25E, 0.03, h15km, 3km,
n54, c1906/71, Turkey

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GLHS, FETHIYE, GOLH, TURUNC, DALYAN, DALYAN, ELL, ELL, DNZL, AKAS, AKAS, VER, DENT, KORT, KORT, ANTB, ANTB, BCK, BCK, MSLB, AYDN, AYDN, ISPARTA, DAT, KHAL, KHAL, KHAL, SUTLUCE, BODRUM, BODRUM, KULA, SHUT, SHUT, IZM, BLCB, HDMB, KONT, KIZIT, KIZIT.

ISCJB 18 20:12:18.6, 0.6, 43.81N, 0.05, 105.31W, 0.07, h0km, Error
ellipse: s-maj=7.3km s-min=6.8km az=48.8
IDC 18 20:12:18.1, 0.2, 43.88N, 0.05, 105.49W, h0km, mb1 3.4/3,
mb1mx3.2/25, mbtmp3.1/3, ML3.2/2, Error ellipse:
s-maj=45.6km s-min=9.2km az=150.0
NEIC 18 20:12:19.5, 0.5, 43.77N, 105.29W, h0km, ML2.9, Error
ellipse: s-maj=7.1km s-min=6.3km az=161.0, Suspected
Mining explosion.
NEIC 60 km [40 miles] SSE of Gillette.
ISC 18 20:12:19.6, 0.5, 43.79N, 0.05, 105.28W, 0.06, h0km, n24,
c1903/24, Wyoming

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like RSSD, PHWY, RWWY, LAO, BLMT, PDAR, PDAR, GAGMT, OGNE, LWKY, LOHW, SNOW, INSCO, IMW, RPW, TR2E, SMCO, EGMET, HRY, HVU, ULM, ULM.

ULM 0.2nm,0.3s,baz=136,slow=22,SNR=3.3
YKA Yellowknife Ar 19.51 347 P
0.1nm,0.3s,baz=166,slow=12,SNR=4.2

NEIC 18 20:17:36.5:1.6, 12:71N:124:93E, h63km, mb4.2/11,
Error ellipse: s-maj=15.9km s-min=7.7km az=82.0
ISCJB 18 20:17:37.3:0.4, 12:79N:0:02:124:61E, h82km, 4km,
mb4.0/21, Error ellipse: s-maj=7.5km s-min=0.3km
az=167.4

MAN 18 20:17:37, 12:82N:124:61E, h72km, mb5.2, ML4.1, MS4.3
IDC 18 20:17:37.2:0.7, 12:67N:124:89E, h71km, 6km, mb3.7/13,
mb1.3/14, mb1mx3.7/22, mbtmp3.7/14, MS3.1/7,
ms1.3/17, ms1mx3.0/38, Error ellipse: s-maj=22.8km
s-min=10.0km az=74.0

DJA 18 20:18:04, 12:07N:123:20E, h151km, mb4.3/6
ISC 18 20:17:38.4:0.4, 12:78N:0:02:124:62E, h75km, 4km,
h75km, 3.3km:pp-P, n68, e1117/13, mb4.0/21, 4C-3D,
Samar

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists various stations like CNP, PVPC, MPPH, BESP, PLP, etc.

ISCJB 18 20:39:06.5:0.1, 17:42S:0:02:179:04W, h554km,
mb5.8/162, Error ellipse: s-maj=2.9km s-min=1.8km
az=41.1
NEIC 18 20:39:07.1:0.1, 17:34S:179:02W, mb5.9/108, ME5.9,
MW6.3, MW6.3, Error ellipse: s-maj=3.9km s-min=2.5km
az=122.0, Moment Tensor Solution. s85 Moment tensor:

Scale 10^18Nm; Mr=2.07; Mw=2.70; Mb=0.63; Mb=0.43;
Mb=1.90; Mb=1.66; Best double couple: Mc=3.50000x10^18
Np1.35, 0.00000, 0.85, 0.00000, -1.30, 0.00000. NP2:
0.278, 0.00000, 0.46, 0.00000, -0.36, 0.00000. Principal axes:
T: 3.7700, P1g: 1.0000, Azm152.0000; N: -0.5200,
P1g35.0000; Azm64.0000; P: -3.2500, P1g52.0000;
Azm257.0000. Depth from broadband displacement
seismograms. Energy computed from CMT mechanism.

ISC 18 20:39:07.8:0.1, 17:39S:0:02:179:01W, h556km,
h556km, 8km:pp-P, n1954, e085/1036, mb5.8/160,
264C-313D, Fiji Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists various stations like AFI, FUNA, RAO, RAR, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists various stations like PLWZ, NNZ, NNZ, NNZ, etc.

Table with columns: Station, Frequency, Power, Direction, etc. Includes entries like BJT, BJT, comp-Z,823nm,1.2s, Bajiatauu, 83.01 316, etc.

Table with columns: Station, Frequency, Power, Direction, etc. Includes entries like OD2 Odessa Site #2, 84.06 36, A07A Ashnola River, 84.07 34, etc.

Table with columns: Station, Frequency, Power, Direction, etc. Includes entries like I13A Wildhorse Cree, 84.98 41, A09A Danville, 85.00 35, etc.

18d 20h

2008 APR

Table with columns for station ID, name, frequency, and various signal quality metrics. Includes stations like Mary Lane Ranch, Redvale, Nakhon Sawan, Victor, etc.

Table with columns for station ID, name, frequency, and various signal quality metrics. Includes stations like Moss Hill, Earthquake Lak, White River Ci, Balmorhea Ranc, etc.

Table with columns for station ID, name, frequency, and various signal quality metrics. Includes stations like comp=Z,4.0nm,0.6s, comp=Z,5.0nm,0.9s, comp=Z,3.0nm,1.1s, etc.

Table with columns for station call letters, name, frequency, and various signal quality metrics (e.g., SNR, S/N, etc.). Includes stations like Ulaanbaatar, Cedar Bluff, and Songino Array.

Table with columns for station call letters, name, frequency, and various signal quality metrics. Includes stations like LSA, Lhaasa, and Agassiz Refuge.

Table with columns for station call letters, name, frequency, and various signal quality metrics. Includes stations like SDV, Simla, and San Ignacio.

Table with columns for BRTR, comp-Z, pmax, pmax, and various station names like Keskin Array B, Sts Stebnicka Huta, KOLS Kolonice sedl, etc.

Table with columns for station names (e.g., Gray Hill, GYLH Gulveren, VYHs Vyhne), elevation (145.70, 145.70, 145.73), and various codes (eP, ePKP, ePKPb, etc.).

Table with columns for station names (e.g., WLF Waferdange, WLF Waferdange, WLF Waferdange), elevation (147.54, 147.54, 147.54), and various codes (PKP, ePKP, ePKPb, etc.).

RSO	Redout South	17.05	49	ePn	Pn	20 55 52.0 +1.6
BILL	Bilbino	17.68	342	eP	Pn	20 55 54.0 -4.2
BILL	comp=Z,10.0nm,1.3s					
PPLA	Bilbino	17.68	342	ePn	Pn	20 55 54.9 -3.3
PURKEVILLE	Purkeville	18.20	42	eP	Pn	20 56 05.6 +1.0
FIB	Fire Island	18.47	48	eP	Pn	20 56 06.6 -1.2
SEW	Seward	18.53	52	eP	Pn	20 56 07.1 -1.5
SEW	comp=Z,5um,1.2s					
CHUM	Lake Minchumin	18.59	39	ePn	Pn	20 59 34.5 0.0
RC01	Rabbit Creek A	18.65	49	eP	Pn	20 56 10.2 +0.9
KTH	Kantishna Hill	19.00	41	eP	Pn	20 56 14.7 +0.5
PMR	Palmer	19.07	47	eP	Pn	20 56 15.6 +0.5
PMR	comp=Z,22nm,0.7s					
PMR	Palmer	19.07	47	eP	Pn	20 56 15.6 +0.5
PMR	comp=Z,22nm,0.7s					
BPW	Bear Paw Mtn.	19.21	39	eP	Pn	20 56 15.9 0.0
TRF	Thorofore Moun	19.22	42	eP	Pn	20 56 16.6 -0.2
MCK	McKinley	19.88	42	eP	Pn	20 56 22.7 -2.1
MCK	comp=Z,67nm,0.8s					
MCK	McKinley	19.88	42	eP	Pn	20 56 22.7 -2.0
DIV	Divide	20.52	50	eP	P	20 56 29.8 -0.1
COLA	College	20.77	39	eP	P	20 56 31.9 -0.6
COLD	Coldfoot	21.04	32	eP	P	20 56 36.3 +0.9
BMRM	Bremner River	21.05	51	eP	P	20 56 35.9 +0.3
PAX	Paxson	21.11	45	eP	P	20 56 36.4 +0.2
PAX	comp=Z,274nm,0.9s,mb5.6					
PAX	Paxson	21.11	45	eP	P	20 56 36.4 +0.2
PAX	comp=Z,274nm,0.9s,mb5.6					
MENT	Mentasta	21.87	46	eP	P	20 56 45.1 +0.7
EGAK	Eagle	23.43	42	eP	P	20 57 00.6 -0.1
DAWY	Dawson	24.02	44	eP	P	20 57 05.0 -1.0
HAYT	Haines Junctio	24.49	52	eP	P	20 57 11.6 +1.2
YSS	Yuzh-Sakhalins	24.93	274	eP	P	20 57 10.6 -3.9
YSS	comp=Z,25nm,0.7s,mb4.8					
YSS	Yuzh-Sakhalins	24.93	274	eP	P	20 57 10.6 -4.0
YSS	comp=Z,25nm,0.7s,mb4.8					
ASAJ	Asahikawa	26.36	268	P	P	20 57 28.2 +0.7
ASAJ	comp=Z,18nm,0.8s					
ASAJ	comp=Z,1um,20.1s					
ASAJ	Asahikawa	26.36	268	P	P	20 57 28.2 +0.7
ASAJ	comp=Z,18nm,0.8s,mb4.6,baz=70,slow=2.3,SNR=13					
ERM	Ermo	27.14	264	eP	P	20 57 34.9 +0.3
INK	Inuvik	27.29	36	eP	P	20 57 35.3 -0.3
INK	comp=Z,35nm,0.9s					
INK	Inuvik	27.29	36	eP	P	20 57 35.3 +0.3
INK	comp=Z,30nm,0.8s,mb4.9,baz=271,slow=18,SNR=21					
INK	Inuvik	27.29	36	eP	P	20 57 35.3 -0.3
INK	comp=Z,36nm,0.9s,mb4.9					
YAK	Yakuts	28.84	311	P	P	20 57 55.1 +1.6
MAJO	Matsushiro	33.51	260	P	P	20 58 28.3 -2.6
MAJO	comp=Z,54nm,1.3s,mb5.3					
MAJO	Matsushiro	33.51	260	P	P	20 58 28.3 -2.6
MAJO	comp=Z,4nm,1.3s,mb5.3					
MAT	Matsushiro	33.51	260	P	P	20 58 31.3 +0.4
MJAR	Matsushiro Arr	33.51	260	P	P	20 58 31.3 +0.4
MJAR	comp=Z,2.0nm,0.4s					
MJAR	Matsushiro Arr	33.51	260	P	P	20 58 31.3 +0.4
MJAR	comp=Z,1.8nm,0.4s,mb4.3,baz=40,slow=7.2,SNR=7.3					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.4
YKA	comp=Z,26nm,0.7s					
YKA	comp=Z,1.0nm,0.4s					
YKA	comp=Z,2.0nm,0.7s					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.3
YKA	comp=N,26nm,0.7s,mb5.3,baz=283,slow=8.1,SNR=58					
YKA	comp=N,0.6nm,0.4s,baz=285,slow=2.2,SNR=67					
YKA	comp=N,1.9nm,0.7s,baz=289,slow=3.0,SNR=12					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.3
YKA	comp=Z,1.8nm,0.4s,mb4.3,baz=40,slow=7.2,SNR=7.3					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.4
YKA	comp=Z,26nm,0.7s					
YKA	comp=Z,1.0nm,0.4s					
YKA	comp=Z,2.0nm,0.7s					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.3
YKA	comp=N,26nm,0.7s,mb5.3,baz=283,slow=8.1,SNR=58					
YKA	comp=N,0.6nm,0.4s,baz=285,slow=2.2,SNR=67					
YKA	comp=N,1.9nm,0.7s,baz=289,slow=3.0,SNR=12					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.3
YKA	comp=Z,1.8nm,0.4s,mb4.3,baz=40,slow=7.2,SNR=7.3					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.4
YKA	comp=Z,26nm,0.7s					
YKA	comp=Z,1.0nm,0.4s					
YKA	comp=Z,2.0nm,0.7s					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.3
YKA	comp=N,26nm,0.7s,mb5.3,baz=283,slow=8.1,SNR=58					
YKA	comp=N,0.6nm,0.4s,baz=285,slow=2.2,SNR=67					
YKA	comp=N,1.9nm,0.7s,baz=289,slow=3.0,SNR=12					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.3
YKA	comp=Z,1.8nm,0.4s,mb4.3,baz=40,slow=7.2,SNR=7.3					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.4
YKA	comp=Z,26nm,0.7s					
YKA	comp=Z,1.0nm,0.4s					
YKA	comp=Z,2.0nm,0.7s					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.3
YKA	comp=N,26nm,0.7s,mb5.3,baz=283,slow=8.1,SNR=58					
YKA	comp=N,0.6nm,0.4s,baz=285,slow=2.2,SNR=67					
YKA	comp=N,1.9nm,0.7s,baz=289,slow=3.0,SNR=12					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.3
YKA	comp=Z,1.8nm,0.4s,mb4.3,baz=40,slow=7.2,SNR=7.3					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.4
YKA	comp=Z,26nm,0.7s					
YKA	comp=Z,1.0nm,0.4s					
YKA	comp=Z,2.0nm,0.7s					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.3
YKA	comp=N,26nm,0.7s,mb5.3,baz=283,slow=8.1,SNR=58					
YKA	comp=N,0.6nm,0.4s,baz=285,slow=2.2,SNR=67					
YKA	comp=N,1.9nm,0.7s,baz=289,slow=3.0,SNR=12					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.3
YKA	comp=Z,1.8nm,0.4s,mb4.3,baz=40,slow=7.2,SNR=7.3					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.4
YKA	comp=Z,26nm,0.7s					
YKA	comp=Z,1.0nm,0.4s					
YKA	comp=Z,2.0nm,0.7s					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.3
YKA	comp=N,26nm,0.7s,mb5.3,baz=283,slow=8.1,SNR=58					
YKA	comp=N,0.6nm,0.4s,baz=285,slow=2.2,SNR=67					
YKA	comp=N,1.9nm,0.7s,baz=289,slow=3.0,SNR=12					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.3
YKA	comp=Z,1.8nm,0.4s,mb4.3,baz=40,slow=7.2,SNR=7.3					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.4
YKA	comp=Z,26nm,0.7s					
YKA	comp=Z,1.0nm,0.4s					
YKA	comp=Z,2.0nm,0.7s					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.3
YKA	comp=N,26nm,0.7s,mb5.3,baz=283,slow=8.1,SNR=58					
YKA	comp=N,0.6nm,0.4s,baz=285,slow=2.2,SNR=67					
YKA	comp=N,1.9nm,0.7s,baz=289,slow=3.0,SNR=12					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.3
YKA	comp=Z,1.8nm,0.4s,mb4.3,baz=40,slow=7.2,SNR=7.3					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.4
YKA	comp=Z,26nm,0.7s					
YKA	comp=Z,1.0nm,0.4s					
YKA	comp=Z,2.0nm,0.7s					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.3
YKA	comp=N,26nm,0.7s,mb5.3,baz=283,slow=8.1,SNR=58					
YKA	comp=N,0.6nm,0.4s,baz=285,slow=2.2,SNR=67					
YKA	comp=N,1.9nm,0.7s,baz=289,slow=3.0,SNR=12					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.3
YKA	comp=Z,1.8nm,0.4s,mb4.3,baz=40,slow=7.2,SNR=7.3					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.4
YKA	comp=Z,26nm,0.7s					
YKA	comp=Z,1.0nm,0.4s					
YKA	comp=Z,2.0nm,0.7s					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.3
YKA	comp=N,26nm,0.7s,mb5.3,baz=283,slow=8.1,SNR=58					
YKA	comp=N,0.6nm,0.4s,baz=285,slow=2.2,SNR=67					
YKA	comp=N,1.9nm,0.7s,baz=289,slow=3.0,SNR=12					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.3
YKA	comp=Z,1.8nm,0.4s,mb4.3,baz=40,slow=7.2,SNR=7.3					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.4
YKA	comp=Z,26nm,0.7s					
YKA	comp=Z,1.0nm,0.4s					
YKA	comp=Z,2.0nm,0.7s					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.3
YKA	comp=N,26nm,0.7s,mb5.3,baz=283,slow=8.1,SNR=58					
YKA	comp=N,0.6nm,0.4s,baz=285,slow=2.2,SNR=67					
YKA	comp=N,1.9nm,0.7s,baz=289,slow=3.0,SNR=12					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.3
YKA	comp=Z,1.8nm,0.4s,mb4.3,baz=40,slow=7.2,SNR=7.3					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.4
YKA	comp=Z,26nm,0.7s					
YKA	comp=Z,1.0nm,0.4s					
YKA	comp=Z,2.0nm,0.7s					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.3
YKA	comp=N,26nm,0.7s,mb5.3,baz=283,slow=8.1,SNR=58					
YKA	comp=N,0.6nm,0.4s,baz=285,slow=2.2,SNR=67					
YKA	comp=N,1.9nm,0.7s,baz=289,slow=3.0,SNR=12					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.3
YKA	comp=Z,1.8nm,0.4s,mb4.3,baz=40,slow=7.2,SNR=7.3					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.4
YKA	comp=Z,26nm,0.7s					
YKA	comp=Z,1.0nm,0.4s					
YKA	comp=Z,2.0nm,0.7s					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.3
YKA	comp=N,26nm,0.7s,mb5.3,baz=283,slow=8.1,SNR=58					
YKA	comp=N,0.6nm,0.4s,baz=285,slow=2.2,SNR=67					
YKA	comp=N,1.9nm,0.7s,baz=289,slow=3.0,SNR=12					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.3
YKA	comp=Z,1.8nm,0.4s,mb4.3,baz=40,slow=7.2,SNR=7.3					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.4
YKA	comp=Z,26nm,0.7s					
YKA	comp=Z,1.0nm,0.4s					
YKA	comp=Z,2.0nm,0.7s					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.3
YKA	comp=N,26nm,0.7s,mb5.3,baz=283,slow=8.1,SNR=58					
YKA	comp=N,0.6nm,0.4s,baz=285,slow=2.2,SNR=67					
YKA	comp=N,1.9nm,0.7s,baz=289,slow=3.0,SNR=12					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.3
YKA	comp=Z,1.8nm,0.4s,mb4.3,baz=40,slow=7.2,SNR=7.3					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.4
YKA	comp=Z,26nm,0.7s					
YKA	comp=Z,1.0nm,0.4s					
YKA	comp=Z,2.0nm,0.7s					
YKA	Yellowknife Ar	35.17	47	P	P	20 58 44.6 -0.3
YKA	comp=N,26nm,0.7s,mb5.3,baz=283,slow=8.1,SNR=58					
YKA	comp=N,0.6nm,0.4s,baz=285,slow=2.2,SNR=67					
YKA	comp=N,1.9nm,0.7s,baz=289,slow=3.0,SNR=12</					

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like DANIELS CANYON, MOUNT BALDY ST, SHEEP RANCH, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like REDVALE, YUMA PROVING G, HOLT RANCH, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like CAP ROCK, DEER HILL CR, MOSELEY RANCH, etc.

MIR	comp=N,11um,16.0s,MS5.5	MLR	MLR						
MIR	comp=E,2um,16.0s,MS5.5	MLR	MLR						
DAV	comp=Z,2um,16.0s,MS5.3	MLR	MLR						
DAV	Davaco City (W) 65.75 293	PFAKE	LR	21	21	50.0	+7.9		
KKM	comp=Z,2um,20.0s,MS5.2	LR	LR						
KKM	Kota Kinabalu 73.02 286	eP	P	21	22	25.8	-1.3		
KKM	comp=Z,29nm,0.9s,mb5.2	LR	LR						
PMSA	comp=Z,1um,20.0s,MS5.2	LR	LR	21	50	51.0			
PMSA	Palmer Station 74.16 156	LR	LR						
PMSA	comp=Z,3um,18.4s,MS5.7	baz=112,slow=32							
PMSA	Palmer Station 74.16 156	PFAKE	LR	21	22	50.0	+17		
MAW	comp=Z,3um,19.0s,MS5.7	eP	P	21	22	41.4	+2.0		
MAW	Mawson 75.28 200	iS	S	21	32	23.3	+4.3		
MAW	comp=Z,20nm,0.9s,mb5.0	P	P	21	22	40.8	+1.4		
MAW	Mawson 75.28 200	iS	S	21	32	23.3	+4.3		
MAW	comp=Z,22nm,1.0s,mb5.0	baz=112,slow=5.6,SNR=12							
MAW	Mawson 75.28 200	iS	S	21	32	23.3	+4.3		
KSM	comp=Z,6um,18.0s,MS5.9	baz=117,slow=36							
KSM	Kuching 75.85 279	eP	P	21	22	42.3	-1.3		
KSM	comp=Z,41nm,0.9s,mb5.4	LR	LR						
KSM	comp=Z,2um,21.0s,MS5.4	LR	LR						
JOW	Kunigami 75.87 311	LR	LR	21	52	46.7			
JOW	comp=Z,1um,20.0s,MS5.3	baz=125,slow=33							
MJAR	Matsushiro Arr 76.82 324	P	P	21	22	47.3	-1.3		
MJAR	comp=Z,19nm,1.0s,mb5.0	baz=161,slow=5.7,SNR=20							
MJAR	Matsushiro 76.82 324	LR	LR	21	53	07.2			
MAJO	comp=Z,1um,21.5s,MS5.2	baz=155,slow=33							
MAJO	Matsushiro 76.82 324	eP	P	21	22	47.3	-1.3		
MAT	comp=Z,2um,22.0s,MS5.4	MLR	MLR						
MAT	Matsushiro 76.82 324	P	P	21	22	47.1	-1.5		
MAT	comp=Z,2um,22.0s,MS5.4	S	S	21	32	34.0	-2.7		
ERH	Ushuaia 77.39 146	LR	LR	21	52	16.4			
ERH	comp=Z,2um,18.3s,MS5.9	baz=158,slow=32							
ERM	Erimo 78.75 331	PFAKE	LR	21	23	10.0	+11		
ERM	comp=Z,3um,19.0s,MS5.7	LR	LR						
YUK	Yuzh-Kuril'sk 79.28 333	P	P	21	23	05.0	+2.9		
YUK	comp=Z,3um,19.0s,MS5.7	eS	S	21	23	15.0			
YUK	Yuzh-Kuril'sk 79.28 333	eS	S	21	33	08.0	+5.1		
YUK	comp=Z,2um,7.0s	pmx	pmx						
YUK	comp=N,3um,10.0s	smx							
YUK	comp=E,3um,10.0s	smx							
YHNB	Yeheng 79.33 305	PFAKE	LR	21	23	10.0	+7.2		
YHNB	comp=Z,2um,20.0s,MS5.5	LR	LR						
TATO	Taipei 79.44 305	PFAKE	LR	21	23	10.0	+6.6		
TATO	comp=Z,3um,19.0s,MS5.7	LR	LR						
SYO	Syowa Base 80.02 192	eP	P	21	23	04.8	-1.1		
ASAJ	Asahikawa 80.69 331	P	P	21	23	09.2	-0.4		
ASAJ	comp=Z,24nm,0.9s,mb5.1	baz=229,slow=9.1,SNR=18							
VNA3	Neumayer Olymp 80.88 176	eP	P	21	23	10.2	-0.3		
VNA3	Neumayer-Watz 81.34 176	eP	P	21	23	14.1	+1.2		
VNA2	West Island 81.52 261	PFAKE	LR	21	23	19.2			
VNA2	West Island 81.52 261	PFAKE	LR	21	23	30.0	+15		
COCO	comp=Z,5um,20.0s,MS5.9	LR	LR						
COCO	Quanzhou 81.53 304	iP	P	21	23	16.3	+1.7		
QZH	Quanzhou 81.53 304	LR	LR	21	33	30.3	+3.0		
QZH	comp=N,3um,15.1s	LR	LR						
VNA1	Neumayer-Stat 81.56 176	eP	P	21	23	15.6	+1.5		
MAIT	Maitri 81.61 183	eP	P	21	23	15.1	+0.7		
NVL	Nizarezvskaya 81.62 183	eP	P	21	23	12.7	-1.7		
NVL	comp=Z,3um,18.0s,MS5.8	ePPP	pP	21	23	23.0	+7.3		
NVL	Nizarezvskaya 81.62 183	ePPP	pP	21	28	15.0			
NVL	comp=Z,52nm,1.4s,mb5.3	pmx	pmx						
NVL	comp=Z,3um,18.2s,MS5.7	MLR	MLR						
SKR	Severo-Kuril's 81.73 343	eS	S	21	33	25.0	-3.2		
SKR	Severo-Kuril's 81.73 343	eS	S	21	34	04.0			
SKR	comp=Z,3um,8.0s	pmx	pmx						
SKR	comp=N,5um,12.0s	smx							
SKR	comp=E,4um,12.0s	smx							
SKR	comp=N,3um,20.0s,MS5.8	MLR	MLR						
SKR	comp=E,3um,20.0s,MS5.8	MLR	MLR						
SKR	comp=Z,4um,20.0s,MS5.8	MLR	MLR						
PKM	Peak Mountain 82.13 44	iP	P	21	23	17.5	0.0		
SAO	San Andreas Ge 82.41 42	PFAKE	LR	21	23	30.0	+11		
SAO	comp=Z,4um,20.0s,MS5.8	LR	LR						
MCCM	Marconi Confer 82.52 40	PFAKE	LR	21	23	30.0	+10		
MCCM	comp=Z,3um,19.0s,MS5.7	LR	LR						
OSI	Osito Adit 82.63 45	P	P	21	23	20.3	+0.1		
OSI	comp=Z,21nm,0.6s,mb5.3								
YSS	Yuzh-Sakhalins 82.93 333	eP	P	21	23	21.3	-0.1		
YSS	Yuzh-Sakhalins 82.93 333	eS	S	21	33	35.0	-5.7		
YSS	comp=Z,70nm,1.2s,mb5.6	pmx	pmx						
YSS	comp=E,2um,12.0s	smx							
YSS	comp=E,1um,15.0s	smx							
YSS	comp=N,1um,18.0s,MS5.4	MLR	MLR						
YSS	comp=Z,1um,18.0s,MS5.3	MLR	MLR						
YSS	comp=E,1um,17.0s,MS5.4	MLR	MLR						
YSS	Yuzh-Sakhalins 82.93 333	eP	P	21	23	21.1	-0.3		
YSS	comp=E,79nm,1.3s,mb5.5	LR	LR						
MURC	Murrieta 82.94 46	iP	P	21	23	21.9	+0.2		
MURC	comp=Z,493nm,20.0s,MS4.9	baz=83							
MONP	Monument Peak 82.99 47	iP	P	21	23	22.3	+0.2		
HOPS	Hopland 83.00 39	PFAKE	LR	21	23	30.0	+8.0		
HOPS	comp=Z,4um,20.0s,MS5.8	LR	LR						
BFSC	Mount Baldy St 83.05 46	iP	P	21	23	22.5	+0.2		
BFSC	comp=Z,4um,20.0s,MS5.8	P	P	21	23	22.3	-0.7		
KSRs	Korea Array 83.18 319	P	P	21	59	46.4			
KSRs	comp=Z,13nm,1.0s,mb4.9	baz=140,slow=5.7,SNR=20							
KSRs	Korea Array 83.18 319	LR	LR	21	59	46.4			
VES	Vestal, Richgr 83.21 44	iP	P	21	23	22.8	-0.3		
VEDW	Edwards Air Fo 83.26 45	iP	P	21	23	23.2	-0.2		
VEDW	comp=Z,83nm,SNR=9.7								
PET	Petropavlovsk 83.26 345	eP	P	21	23	24.4	+1.4		
PET	Petropavlovsk 83.26 345	eS	S	21	33	39.9	-3.9		
PET	Petropavlovsk 83.26 345	eSS	SS	21	39	10.1	+0.7		
PET	comp=Z,2um,18.0s,MS5.5	MLR	MLR						
PET	Petropavlovsk 83.26 345	PFAKE	LR	21	23	30.0	+7.0		
PLCA	Paso Flores 83.36 133	eP	P	21	23	24.5	+0.4		
PLCA	comp=Z,31nm,1.2s	pmx	pmx						
PLCA	Paso Flores 83.36 133	P	P	21	23	24.6	+0.6		
PLCA	comp=Z,12nm,1.0s,mb4.9	baz=231,slow=5.3,SNR=13							
PLCA	Paso Flores 83.36 133	LR	LR	21	54	40.1			
PLCA	comp=Z,4um,18.4s,MS5.8	baz=188,slow=32							
PLCA	Paso Flores 83.36 133	eP	P	21	23	24.5	+0.4		
PFO	Pinyon Flat Ob 83.42 47	iP	P	21	23	23.8	-0.5		
PFO	comp=Z,32nm,1.2s,mb5.2	baz=84							
PFO	Pinyon Flat Ob 83.42 47	PFAKE	LR	21	23	24.0	+1.6		
PFO	comp=Z,5um,19.0s,MS5.9	LR	LR						
SWSC	Sam W. Stewart 83.43 48	iP	P	21	23	24.1	-0.3		

ISA	baz=84	83.47	44	eP	P	21	23	24.7	+0.2
ISA	Isabella 83.47 44	pmx	pmx						
ISA	comp=Z,125nm,2.0s,mb5.6	83.47	44	iP	P	21	23	24.3	-0.2
ISA	Isabella 83.47 44	iP	P	21	23	24.7	+0.3		
ISA	Isabella 83.47 44	eP	P	21	23	24.7	+0.3		
PEA0B	Petropavlovsk- 83.56 345	eP	P	21	23	22.3	-2.2		
PETK	Petropavlovsk- 83.56 345	P	P	21	23	23.4	-1.2		
PETK	comp=Z,14nm,0.9s,mb5.1	baz=113,slow=7.6,SNR=8.6							
CMB	Columbia Colle 83.89 41	eP	P	21	23	26.4	-0.2		
CMB	comp=Z,81nm,2.0s,mb5.5	pmx	pmx						
CMB	Columbia Colle 83.89 41	LR	LR	21	23	26.4	-0.2		
CMB	comp=Z,3um,19.0s,MS5.7	MLR	MLR						
CMB	Columbia Colle 83.89 41	eP	P	21	23	26.4	-0.2		
CMB	comp=Z,81nm,2.0s,mb5.5	pmx	pmx						
BELC	Belle Mtn 83.96 47	iP	P	21	23	26.9	-0.1		
BELC	comp=Z,3um,19.0s,MS5.7	LR	LR						
BC3	Big Chucuk mtn 84.10 47	iP	P	21	23	27.6	-0.1		
BC3	comp=Z,3um,19.0s,MS5.7	LR	LR						
GLA	Glamis 84.13 48	eP	P	21	23	28.6	+0.6		
GLA	comp=Z,95nm,2.0s,mb5.6	pmx	pmx						
GLA	Glamis 84.13 48	iP	P	21	23	27.9	0.0		
GLA	comp=Z,95nm,2.0s,mb5.6	pmx	pmx						
GLA	Glamis 84.13 48	eP	P	21	23	28.6	+0.6		
OCHM	Honcut 84.14 40	eP	P	21	23	24.7	-3.1		
GSC	Goldstone 84.27 45	eP	P	21	23	28.8	+0.2		
GSC	comp=Z,93nm,2.0s,mb5.6	pmx	pmx						
GSC	Goldstone 84.27 45	iP	P	21	23	28.4	-0.2		
GSC	comp=Z,93nm,2.0s,mb5.6	pmx	pmx						
GSC	Goldstone 84.27 45	eP	P	21	23	28.8	+0.2		
GSC	comp=Z,93nm,2.0s,mb5.6	pmx	pmx						
HEC	Hector Ludlow 84.27 46	iP	P	21	23	28.2	-0.4		
HEC	comp=Z,84nm,SNR=7.6								
EFI	East Falkland 84.31 147	PFAKE	LR	21	23	40.0	+11		
EFI	comp=Z,4um,19.0s,MS5.8	LR	LR						
MPMC	Manual Prospe 84.33 44	iP	P	21	23	28.8	-0.1		
MPMC	comp=Z,4um,19.0s,MS5.8	LR	LR						
WDC	Whiskeytown Da 84.40 38	eP	P	21	23	29.5	+0.4		
WDC	comp=Z,9								

M10A	baz=88,SNR=7.1	88.41	41	UP	P	21 23 48.7	-0.1
U16A	baz=89	88.43	47	UP	P	21 23 49.1	+0.1
H06A	baz=89,SNR=6.8	88.43	36	UP	P	21 23 49.3	+0.5
I07A	baz=89	88.43	37	UP	P	21 23 49.3	+0.5
NLWA	baz=89	88.50	33	PFAKE	LR	21 24 00.0	+1.1
P13A	comp=Z,5um,20.0s,MS5.9	88.61	43	UP	P	21 23 50.0	+0.2
121A	baz=89	88.61	52	UP	P	21 23 49.8	-0.1
G06A	baz=89	88.61	36	UP	P	21 23 49.9	+0.3
X19A	baz=89,SNR=6.9	88.65	50	UP	P	21 23 50.5	+0.4
O12A	baz=89	88.67	42	UP	P	21 23 50.2	+0.1
ELK	baz=89	88.67	42	P	P	21 23 50.0	-0.1
ELK	comp=Z,5.2nm,0.9s,mb4.9,ba=248,slow=5.4,SNR=2.8	88.67	42	P	LR	21 23 50.0	-0.1
T16A	comp=Z,5um,19.0s,MS5.9	88.68	47	UP	P	21 23 50.1	-0.1
Q14A	baz=89	88.77	44	UP	P	21 23 50.9	+0.3
CN2	comp=Z,10.0nm,0.5s,mb5.4	88.82	322	eP	pmx	21 23 50.4	-0.3
CN2	comp=Z,200nm,6.0s				pmx		
CN2	comp=N,500nm,23.0s,MS5.2				LR		
CN2	comp=E,800nm,23.0s,MS5.2				LR		
N12A	comp=Z,800nm,27.0s,MS5.0	88.86	42	eP	P	21 23 50.2	-0.8
V18A	baz=89	88.86	48	UP	P	21 23 52.0	+0.5
Y20A	baz=89,SNR=8.8	88.97	51	UP	P	21 23 52.1	+0.4
W19A	baz=89,SNR=15	88.98	49	UP	P	21 23 51.6	0.0
U17A	baz=89	89.00	47	UP	P	21 23 52.0	+0.3
O13A	baz=89	89.04	43	UP	P	21 23 52.2	+0.4
LON	baz=89	89.05	34	eP	pmx	21 23 51.8	+0.1
LON	comp=Z,9.0nm,1.0s,mb5.0	89.05	34	eP	pmx	21 23 51.8	+0.1
Z21A	comp=Z,8.9nm,1.0s,mb5.0	89.12	51	UP	P	21 23 52.6	+0.3
G07A	baz=89	89.14	36	UP	P	21 23 52.1	0.0
MVU	baz=89	89.14	45	PFAKE	LR	21 24 00.0	+7.7
T17A	comp=Z,3um,19.0s,MS5.8	89.14	47	UP	P	21 23 52.7	+0.4
MSU	baz=89,SNR=6.2	89.15	45	eP	pmx	21 23 52.7	+0.3
MSU	comp=Z,30nm,1.8s,mb5.3	89.17	45	eP	P	21 23 52.7	+0.3
H08A	comp=Z,30nm,1.8s,mb5.3	89.17	37	UP	P	21 23 52.8	+0.5
122A	baz=89	89.25	52	UP	P	21 23 53.0	0.0
X20A	baz=89	89.25	50	UP	P	21 23 53.4	+0.4
D05A	baz=89,SNR=11	89.27	34	UP	P	21 23 53.5	+0.8
L11A	baz=89	89.27	40	UP	P	21 23 52.9	0.0
LCO	baz=89	89.33	123	PFAKE	LR	21 24 10.0	+1.6
E06A	comp=Z,4um,19.0s,MS5.9	89.33	35	UP	P	21 23 53.4	+0.4
KLR	baz=89	89.40	329	eP	SKSac	21 23 48.2	-5.0
KLR	baz=89	21 34 19.5	-4.4				
KLR	comp=E,110nm,2.8s				pmx		
U18A	comp=Z,230nm,2.8s,mb6.0	89.41	48	UP	P	21 23 54.0	+0.4
R16A	baz=90,SNR=5.7	89.47	46	UP	P	21 23 54.3	+0.4
Y21A	baz=90	89.51	51	UP	P	21 23 54.8	+0.7
S17A	baz=90,SNR=20	89.52	46	UP	P	21 23 53.4	-0.7
G08A	baz=90	89.53	37	UP	P	21 23 53.8	-0.1
RMW	baz=90	89.55	34	P	P	21 23 54.8	+0.8
W19A	baz=90	89.55	49	UP	P	21 23 54.3	0.0
W20A	baz=90	89.59	49	UP	P	21 23 54.8	+0.3
626A	baz=90,SNR=18	89.60	56	UP	P	21 23 54.3	-0.4
324A	baz=90	89.63	54	UP	P	21 23 54.1	-0.7
425A	baz=90,SNR=6.5	89.64	55	UP	P	21 23 54.4	-0.4
X21A	baz=90,SNR=7.5	89.68	50	UP	P	21 23 55.1	+0.2
P15A	baz=90,SNR=14	89.74	44	UP	P	21 23 54.9	-0.2
DUG	baz=90	89.79	43	PFAKE	LR	21 24 10.0	+1.5
TXAR	comp=Z,2um,20.0s,MS5.6	89.83	57	P	P	21 23 55.6	-0.1
TXAR	comp=Z,4.4nm,0.9s,mb4.8,ba=216,slow=6.2,SNR=29				PKKPbc	21 41 30.5	+2.0
TXAR	comp=Z,0.5nm,1.0s,ba=207,slow=1.4,SNR=3.9				LR	21 59 35.9	
TXAR	comp=Z,3um,18.1s,MS5.7,ba=50,slow=32				LR	21 59 35.9	
TXAR	comp=Z,3um,18.1s,MS5.7,ba=50,slow=32	89.83	57	P	PKKPbc	21 41 30.5	+2.0
T18A	baz=90	89.83	47	UP	P	21 23 55.7	+0.1
D06A	baz=90	89.84	34	UP	P	21 23 55.3	-0.1
MNTX	baz=90	89.84	54	eP	P	21 23 54.9	-0.9
MNTX	comp=Z,29nm,1.8s,mb5.3				LR		
526A	comp=Z,2um,19.0s,MS5.5	89.90	56	UP	P	21 23 55.5	-0.6
E07A	baz=90	89.91	35	UP	P	21 23 55.5	-0.2
RSW	baz=90	89.93	35	UP	P	21 23 55.5	+0.7
224A	baz=90,SNR=8.0	89.95	53	UP	P	21 23 56.2	0.0
F08A	baz=90	89.96	36	UP	P	21 23 55.7	-0.2
325A	baz=90	89.96	54	UP	P	21 23 55.5	-0.8
HAWA	baz=90,SNR=7.5	89.96	35	eP	P	21 23 56.1	+0.2
HAWA	comp=Z,61nm,1.8s,mb5.6				LR		
R50	comp=Z,3um,20.0s,MS5.8	89.98	12	eP	P	21 23 56.6	+1.0
V20A	baz=90	89.99	49	UP	P	21 23 56.3	0.0
JCW	baz=90	89.99	33	eP	P	21 23 56.5	+0.5
R17A	baz=90	89.99	46	UP	P	21 23 56.3	-0.2
S18A	baz=90	90.07	47	UP	P	21 23 56.4	-0.2
LENM	baz=90	90.08	51	eP	P	21 23 57.5	+0.6
627A	baz=90	90.09	57	UP	P	21 23 56.9	-0.1
LAZ	baz=90,SNR=9.3	90.10	51	eP	P	21 23 57.4	+0.5
LAZ	comp=Z,35nm,1.8s,mb5.4						

BBB	Bella Bella	90.11	27	P	P	21 23 55.7	-0.8
SVW2	comp=Z,55nm,1.2s,mb5.8,ba=167,slow=13,SNR=2.3	90.11	10	eP	P	21 23 56.7	+0.4
BMO	Blue Mountains	90.12	38	eP	LR	21 23 56.7	-0.1
G09A	comp=Z,2um,20.0s,MS5.6	90.15	37	UP	P	21 23 56.3	-0.5
W21A	San Fidel	90.15	50	UP	P	21 23 56.6	-0.6
T19A	Beclabito	90.20	48	UP	P	21 23 57.2	-0.1
TMUT	Trail Mountain	90.24	45	eP	P	21 23 58.3	+0.8
X22A	comp=Z,0.0nm,1.0s,mb5.0	90.25	51	UP	P	21 23 58.2	+0.7
I11A	Placerville	90.26	39	UP	P	21 23 57.2	-0.2
M14A	Sheep Mountain	90.27	42	UP	P	21 23 57.0	-0.5
426A	McDonald Obser	90.27	55	UP	P	21 23 57.7	-0.1
E08A	baz=90,SNR=7.0	90.27	36	UP	P	21 23 57.5	+0.1
D07A	Dider Farm, El	90.28	35	UP	P	21 23 57.2	-0.2
U20A	Quincy	90.28	48	UP	P	21 23 57.3	-0.4
527A	Newcomb	90.28	48	UP	P	21 23 57.3	-0.6
BNM	Woodward Ranch	90.30	56	UP	P	21 23 58.3	+0.4
J12A	Barren Site	90.31	51	eP	P	21 23 57.8	+0.1
124A	comp=Z,60nm,1.9s,mb5.0,ba=90	90.33	40	UP	P	21 23 57.8	+0.1
F09A	Stringfield Ra	90.34	53	UP	P	21 23 57.5	-0.5
RPW	St Ranch, Elgi	90.36	37	UP	P	21 23 57.6	-0.2
TRQA	Rockport	90.37	33	P	P	21 23 58.1	+0.4
ETW	Torquist	90.37	134	PFAKE	LR	21 24 10.0	+1.2
N15A	TRQA	90.38	34	P	P	21 23 58.3	+0.4
LPM	Entiat	90.39	43	UP	P	21 23 57.9	-0.1
B06A	Stansbury Isla	90.40	51	eP	P	21 23 58.8	+0.5
225A	Los Pinos Moun	90.43	33	UP	P	21 23 57.8	-0.3
A05A	Marblemount	90.47	54	UP	P	21 23 58.0	-0.7
628A	Deer Hill, Car	90.48	32	UP	P	21 23 57.9	-0.4
G10A	Maple Falls	90.48	57	UP	P	21 23 58.1	-0.8
K13A	Black Gap, Mar	90.51	37	UP	P	21 23 58.3	-0.3
R18A	Bishop Farm, J	90.54	41	UP	P	21 23 58.4	-0.3
V21A	Stover Farm, H	90.54	46	UP	P	21 23 58.6	-0.2
SRU	Canyonlands Na	90.55	49	UP	P	21 23 58.6	-0.3
C07A	Milan	90.56	45	UP	P	21 23 58.7	-0.2
O16A	San Rafael	90.56	45	eP	P	21 23 59.2	+0.2
WTV	SRU	90.57	34	UP	P	21 23 58.7	-0.1
P17A	C07A	90.60	44	UP	P	21 23 59.0	0.0
I12A	Springville	90.63	34	UP	P	21 23 59.5	+0.5
L14A	Waterville	90.64	45	UP	P	21 23 59.6	+0.3
CMIG	Butcher Ranch,	90.65	39	UP	P	21 23 59.7	+0.4
CMIG	Atlanta	90.65	39	UP	P	21 23 59.7	+0.4
SPUT	Malta	90.66	42	UP	P	21 23 59.5	+0.3
D08A	Matias Romero	90.66	71	P	P	21 23 59.2	-0.7
H11A	comp=Z,7.8nm,1.0s,mb5.0,ba=298,slow=4.9,SNR=8.7	90.67	71	P	P	21 23 59.2	-0.7
E09A	Matias Romero	90.68	43	eP	P	21 23 58.4	-1.0
MVCO	comp=Z,54nm,1.7s,mb5.6	90.72	35	UP	P	21 23 59.4	-0.1
HVU	Wolman Farm,	90.72	35	UP	P	21 23 59.4	-0.1
HVU	Hansel Valley	90.72	42	eP	pmx	21 23 59.3	-0.6
HVU	comp=Z,3um,19.0s,MS5.7	90.72	42	eP	pmx	21 23 59.3	-0.6
HVU	comp=Z,80nm,2.0s,mb5.7	90.77	42	eP	P	21 23 59.2	-0.6
M15A	Hansel Valley	90.78	43	UP	P	21 23 59.1	-0.8
Q18A	Larsen Ranch,	90.80	45	UP	P	21 23 59.9	-0.5
427A	Rafter H Ranch	90.82	55	UP	P	21 23 59.9	-0.5
GDL2	Hayer Ranch,	90.84	54	eP	P	21 23 60.0	-0.5
ANMO	Guadalupe Moun	90.87	51	eP	P	21 24 00.8	+0.3
ANMO	comp=Z,14nm,0.9s,mb5.3	90.87	51	eP	pmx	21 24 00.8	+0.3
ANMO	Albuquerque	90.87	51	eP	pmx	21 24 00.8	+0.3
ANMO	comp=Z,57nm,2.1s,mb5.5				MLR		
ANMO	comp=Z,3um,19.0s,MS5.6	90.87	51	P	P	21 24 00.8	+0.3
ANMO	comp=Z,9.2nm,1.1s,mb5.0,ba=219,slow=5.5,SNR=14	90.87	51	eP	P</		

18d 21h

Table with columns for station call letters, frequency, time, and other details. Includes stations like PDAR, KVTV, JCT, I17A, C13A, etc.

2008 APR

Table with columns for station call letters, frequency, time, and other details. Includes stations like EGMT, EGAK, BILL, B18A, etc.

894

Table with columns for station call letters, frequency, time, and other details. Includes stations like MTDJ, TIXI, DWFP, WCI, etc.

Table of seismic events with columns for station name, time, magnitude, depth, distance, and other parameters. Includes stations like MOS, VSU, HFS, FINES, EKA, etc.

Table of seismic events with columns for station name, time, magnitude, depth, distance, and other parameters. Includes stations like WMQ, PYUN, DANN, KUN, JIRN, etc.

Table of seismic events with columns for station name, time, magnitude, depth, distance, and other parameters. Includes stations like YAK, HHC, HHC, HHC, etc.

Table of seismic events with columns for station name, time, magnitude, depth, distance, and other parameters. Includes stations like BALT, BALT, BALT, etc.

ISC 18 23:30:48.1±1.6, 44.34N; 106.04W, h0km, mb1 3.4/3, mb1mx3.2/25, mbtmp3.1/3, ML2.9/3, Error ellipse: s-maj=62.8km s-min=8.3km az=144.0

Table of seismic events with columns for station name, time, magnitude, depth, distance, and other parameters. Includes stations like LAO, LAO, RLMT, etc.

ISC 18 23:32:49.5±0.5, 43.50N; 105.32W, h0km, Error ellipse: s-maj=6.0km s-min=4.4km az=164.2

ISC 18 23:32:51.0±0.5, 43.57N; 105.23W, h0km, mb1 3.2/3, mb1mx3.1/25, mbtmp2.9/3, ML2.7/2, Error ellipse: s-maj=47.7km s-min=10.0km az=152.0

Table of seismic events with columns for station name, time, magnitude, depth, distance, and other parameters. Includes stations like RSSD, RWBY, PDAR, etc.

ISC 18 23:05:01.7±0.4, 40.82N; 31.48E, h13km, MD2.8 DDA 18 23:05:01.2±0.4, 40.82N; 31.58E, h7km, MD3.0

ISC 18 23:05:02.0±0.6, 40.81N; 31.53E; 0.03, h4km, 5km, Error ellipse: s-maj=4.8km s-min=4.0km az=162.8

Table of seismic events with columns for station name, time, magnitude, depth, distance, and other parameters. Includes stations like MDU, MDU, MDU, etc.

Table with columns: KDI, Kendar, 9.25 209, P, Pn, 01 40 51.5 -3.6, etc. Lists various locations like Sandakan, Tana Toraja, Baratarza, etc.

Table with columns: CMAR, ScP, ScP, 01 51 34.1 +8.9, etc. Lists various locations like Chiang Mai, Korea Array, Matushiro, etc.

Table with columns: HABR, eS, S, 01 48 29.3, etc. Lists various locations like Ramite, Toolangi, Kuldur, etc.

19d 1h

Table with columns: Station, Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like Erkin-Say, Seymchan, Kabul, Kurchatov, etc.

2008 APR

Table with columns: Station, Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like VORD, VSR, BMR, MOS, MALTYA, etc.

902

Table with columns: Station, Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like LPAZ, SIV, IDC, ISCJB, VIE, etc.

Table with columns: Station Name, Frequency, Mode, Class, and other parameters. Includes stations like KSP, BRG, Berggiesshubel, etc.

Table with columns: Station Name, Frequency, Mode, Class, and other parameters. Includes stations like SFTF, BURAR, MEZFR, etc.

Table with columns: Station Name, Frequency, Mode, Class, and other parameters. Includes stations like CTAO, CTAO, CMAA, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like WVOR Wild Horse Val, WVOR Wild Horse Val, 319A Douglas, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like TMUT Trail Mountain, K13A Stover Farm, H, I12A Attanas, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like BOZ comp=Z,1.0nm,1.4s,mb4.7, BOZ Bozeman (W), BOZ Bozeman (W), etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like PSI Prapat, TSI Tuntungan, GSI Gunungsitoli, etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like DZM Mont Dzumac, DZM Mont Dzumac, DZM Chengdu, etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like HHC comp=Z,800nm,7.5s, HHC comp=N,2um,20.2s,MS5.4, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Sarvestan, Sadrabad, Mokr, Tiksi, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KIV, Kislovodsk, Sparrochn, Old Harbor, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PAX, Paxson, Keskin Array, etc.

Table with columns for station name, frequency, power, and other technical details. Includes entries like HFS, DPC, Dobrauska-Polom, etc.

Table with columns for station name, frequency, power, and other technical details. Includes entries like GRF, HAWA Hanford, SAO San Andreas, etc.

Table with columns for station name, frequency, power, and other technical details. Includes entries like GMRC Granite Mounta, BGF Bois d'Angland, K14A Jones Ranch, etc.

Y15A	Casa Rosa Ranc	120.74	55	UP	PKPdf	03 31 15.9	-2.2
FCC	Fort Churchill	120.82	23	ePKIKP	PKPdf	03 31 15.0	-2.5
L19A	Farson	120.84	45	P	PKPdf	03 31 17.7	-0.4
SFJD	Kangerlussuaq	120.88	358	PFAKE	LR	03 31 30.0	+1.3
SRU	San Rafael	120.90	49	UP	PKPdf	03 31 17.0	-1.3
SRU	San Rafael	120.90	49	ePKPdf	PKPdf	03 31 17.6	-0.8
O18A	Roosevelt	120.95	47	UP	PKPdf	03 31 17.5	-0.9
R17A	Hanksville Air	120.95	50	UP	PKPdf	03 31 16.8	-1.6
P18A	Preston Nutter	120.96	48	UP	PKPdf	03 31 16.3	-2.1
K19A	Absolon Red Bu	120.96	44	P	PKPdf	03 31 17.3	-1.0
115A	Sonoran Desert	121.08	57	UP	PKPdf	03 31 18.4	-0.5
S17A	Black Ridge (B	121.09	51	UP	PKPdf	03 31 17.9	-0.9
WUAZ	Wupakti	121.17	53	UP	PKPdf	03 31 17.4	-1.6
WUAZ	Wupakti	121.17	53	ePKPdf	LR	03 31 18.4	-0.6
Q18A	Rafter H Ranch	121.19	49	UP	PKPdf	03 31 16.6	-2.2
U16A	Tuba City	121.21	52	UP	PKPdf	03 31 18.1	-0.9
LAO	LASA Array	121.25	39	ePKPdf	LR	03 31 17.9	-0.8
LAO						03 31 29.2	
N17A	Navajo Res., N	121.25	51	UP	PKPdf	03 31 17.7	-1.4
T19A	John Jarvis Ra	121.36	47	UP	PKPdf	03 31 17.7	-1.4
X16A	Lo Mia Camp, P	121.37	54	UP	PKPdf	03 31 18.7	-0.7
K20A	Yellowstone Ra	121.37	44	UP	PKPdf	03 31 17.2	-1.9
116A	Eloy	121.54	57	UP	PKPdf	03 31 17.7	-2.0
R18A	Canyonlands Na	121.58	47	UP	PKPdf	03 31 18.3	-1.4
O19A	Miners Draw (B	121.58	47	UP	PKPdf	03 31 18.0	-1.6
L20A	Wamsutter	121.59	45	UP	PKPdf	03 31 18.2	-1.4
V17A	Tonalea, Kykot	121.60	53	UP	PKPdf	03 31 18.7	-1.0
S18A	Hurst Farm, Bl	121.69	50	UP	PKPdf	03 31 18.5	-1.4
DGMT	Dagmar	121.72	37	UP	PKPdf	03 31 17.0	-2.6
DGMT	Dagmar	121.72	37	ePKPdf	LR	03 31 18.4	-1.2
M20A	Sweetwater, Wa	121.87	46	UP	PKPdf	03 31 18.6	-1.5
Q19A	Hogan Spring (	121.89	49	UP	PKPdf	03 31 19.0	-1.2
P19A	Cripple Cowboy	121.89	48	UP	PKPdf	03 31 18.9	-1.3
X17A	Forest Lakes	121.90	54	UP	PKPdf	03 31 19.4	-1.0
T18A	Mexican Hat	121.93	51	UP	PKPdf	03 31 19.2	-1.1
Y17A	Roosevelt	122.01	55	UP	PKPdf	03 31 19.8	-0.8
N20A	Spence Gulch,	122.03	46	P	PKPdf	03 31 20.3	-0.2
R19A	Curley Farm, L	122.08	50	UP	PKPdf	03 31 20.0	-0.6
U18A	Rough Rock, Ch	122.13	52	UP	PKPdf	03 31 19.7	-1.0
O20A	White River Ci	122.17	47	UP	PKPdf	03 31 19.7	-1.2
L21A	Rawlins	122.28	45	UP	PKPdf	03 31 19.1	-1.8
117A	Oracle	122.34	56	UP	PKPdf	03 31 20.0	-1.3
TUC	Tucson	122.36	57	ePKIKP	MLR	03 31 20.5	-0.8
P20A	De Beque	122.36	48	UP	PKPdf	03 31 19.9	-1.2
Z17A	San Carlos Hig	122.40	56	UP	PKPdf	03 31 20.5	-0.9
M21A	Separation Pea	122.41	45	UP	PKPdf	03 31 20.1	-1.0
217A	Green Valley	122.44	57	UP	PKPdf	03 31 20.9	-0.6
RWW	Rawlins	122.45	45	ePKPdf	PKPdf	03 31 20.2	-1.1
X18A	Snowflake	122.54	54	UP	PKPdf	03 31 21.4	-0.2
W18A	Petrified Fore	122.56	53	UP	PKPdf	03 31 21.9	+0.2
N21A	Black Mountain	122.59	46	UP	PKPdf	03 31 20.5	-1.1
Q20A	Ridgley Place,	122.60	48	P	PKPdf	03 31 21.2	-0.3
U19A	Dine' College,	122.68	52	UP	PKPdf	03 31 21.3	-0.5
R20A	Redvale	122.77	49	UP	PKPdf	03 31 21.5	-0.5
O21A	Pagoda	122.81	47	UP	PKPdf	03 31 20.5	-1.5
L22A	Ellis Ranch, M	122.91	44	UP	PKPdf	03 31 21.6	-0.5
118A	Homack Ranch,	122.96	56	P	PKPdf	03 31 22.2	-0.3
MVCO	Mesa Verde	122.97	51	P	PKPdf	03 31 22.2	-0.1
MVCO	Mesa Verde	122.97	51	ePKPdf	LR	03 31 21.6	-0.8
M22A	Cedar Creek Ra	123.02	45	UP	PKPdf	03 31 21.1	-1.2
218A	Dragoon	123.04	57	UP	PKPdf	03 31 21.2	-1.4
P21A	Newcastle	123.05	48	UP	PKPdf	03 31 21.5	-1.0
318A	Bisbee	123.20	58	UP	PKPdf	03 31 20.9	-2.1
Y19A	Nutrosio	123.24	54	UP	PKPdf	03 31 20.8	-2.1
FRB	Frobisher Bay	123.26	8	PKKPbc	PKKPbc	03 41 10.2	-4.3
R21A	Cimarron	123.34	49	UP	PKPdf	03 31 22.0	-1.0
S21A	Coal Bank Pass	123.37	50	UP	PKPdf	03 31 22.5	-0.6
V20A	Brimhall	123.39	52	UP	PKPdf	03 31 22.3	-0.9
119A	Aspseek Ranch,	123.46	56	UP	PKPdf	03 31 22.2	-1.3
SMCO	Snowmass	123.51	48	ePKPdf	PKPdf	03 31 20.9	-2.4
W20A	Ramah	123.54	53	P	PKPdf	03 31 23.5	0.0
Q22A	Crested Butte,	123.66	48	UP	PKPdf	03 31 23.0	0.0
219A	White Tail Can	123.69	57	P	PKPdf	03 31 23.6	-0.3
X20A	Quemado	123.70	54	UP	PKPdf	03 31 23.5	-0.3
RSSD	Black Hills	123.72	41	ePKIKP	MLR	03 31 21.6	-2.0
319A	Douglas	123.80	57	UP	PKPdf	03 31 23.1	-1.1
R22A	Saguache, Gunn	123.98	49	UP	PKPdf	03 31 23.4	-0.9
Z20A	Nine Sixteen R	123.98	55	UP	PKPdf	03 31 23.0	-1.4
T22A	Edith	124.25	50	UP	PKPdf	03 31 23.7	-1.1
ISCO	Idaho Springs	124.29	47	ePKIKP	MLR	03 31 24.1	-0.7
X21A	Alamocita Cree	124.29	54	UP	PKPdf	03 31 21.9	-3.1
220A	Playas Peak, P	124.31	57	UP	PKPdf	03 31 22.9	-2.2
320A	Kipp Ranch, An	124.44	57	UP	PKPdf	03 31 24.5	-0.8

Y21A	Point of Rocks	124.49	51	UP	PKPdf	03 31 24.0	-1.4
TORD	Torodi Ar, Bea	124.79	281	PKP	PKPdf	03 31 24.6	-1.9
TORR				PKPbc		03 41 06.8	
ESDC	Sonsecra Array	125.05	313	PKP	PKPdf	03 31 24.6	-1.7
ESDC				PP		03 33 13.3	-2.0
ESLA	Sonsecra Array	125.05	313	PFAKE	LR	03 31 40.0	+1.4
SDCO	Great Sand Dun	125.07	49	ePKPdf	PKPdf	03 31 25.7	-0.6
ANMO	Albuquerque	125.20	53	ePKIKP	MLR	03 31 26.2	-0.5
ANMO				MLR			
BNN	Barren Site	125.29	54	ePKPdf	PKPdf	03 31 26.8	-0.1
PAB	San Pablo	125.38	313	PFAKE	LR	03 31 40.0	+1.3
ULM	Lac du Bonnet	125.42	32	PKP	PKPdf	03 31 24.7	-1.9
OGNE	Ogallala	126.38	44	PFAKE	LR	03 31 40.0	+1.1
AGMN	Agassiz Refuge	126.57	33	PFAKE	LR	03 31 40.0	+1.1
124A	Stringfield Ra	126.63	55	UP	PKPdf	03 31 29.2	-0.3
224A	Corundas Mount	126.75	56	UP	PKPdf	03 31 29.2	-0.6
324A	Moseley Ranch,	126.94	56	UP	PKPdf	03 31 28.6	-1.5
MNTX	Corundas Mount	126.96	56	ePKPdf	PKPdf	03 31 29.4	-0.7
MNTX				LR			
125A	Gardner Draw,	127.29	55	UP	PKPdf	03 31 30.6	-0.2
MTE	Manteigas	127.30	316	PFAKE	LR	03 31 40.0	+9.5
MTE				LR			
225A	Deer Hill, Car	127.31	55	UP	PKPdf	03 31 30.5	-0.3
325A	Bean Ranch, Si	127.38	56	UP	PKPdf	03 31 29.7	-1.3
425A	Indio Mountain	127.52	57	UP	PKPdf	03 31 29.6	-1.7
SFS	San Fernando	127.86	311	PFAKE	LR	03 31 40.0	+8.3
226A	Malaga, Loving	127.91	55	UP	PKPdf	03 31 29.3	-2.7
526A	Mary Lane Ranc	128.46	58	UP	PKPdf	03 31 31.6	-1.4
626A	Big Bend Ranch	128.58	58	UP	PKPdf	03 31 32.3	-0.9
ECSD	EROS Data Cent	128.63	39	ePKPdf	PKPdf	03 31 31.2	-1.7
ECSD				LR			
427A	Hayler Ranch,	128.82	57	UP	PKPdf	03 31 32.6	-1.2
CBKS	Cedar Bluff	128.87	46	ePKIKP	MLR	03 31 32.9	-0.7
AMTX	Amarillo	128.94	51	ePKPdf	LR	03 31 33.5	-0.4
TXAR	Lajitas Array	129.00	59	PKIKP	pmx	03 31 33.2	-0.9
TXAR				pmx			
TXAR	Lajitas Array	129.00	59	PKP	PKPdf	03 31 33.2	-0.9
TXAR				SKPbc		03 34 50.4	
TXAR	Lajitas Array	129.00	59	PKP	PKPdf	03 31 33.2	-0.9
TXAR				SKPbc		03 34 50.4	
TXAR	Ely	129.11	32	ePKPdf	LR	03 31 31.8	-2.0
627A	Terlingua Ranc	129.20	58	UP	PKPdf	03 31 32.7	-1.8
PLCA	Paso Flores	129.40	164	PKIKP	pmx	03 31 33.2	-1.4
PLCA				pmx			
PLCA				pmx			
PLCA	Paso Flores	129.40	164	PKP	PKPdf	03 31 33.2	-1.4
PLCA				SKPbc		03 34 52.3	
PLCA	Paso Flores	129.40	164	PKP	PKPdf	03 31 33.2	-1.4
PLCA				SKPbc		03 34 52.3	
528A	Cox Ranch, San	129.52	57	UP	PKPdf	03 31 34.4	-0.7
KIC	Kosan Boka	130.83	272	ePKP1	PKPdf	03 31 37.6	-0.4
KSU1	Kansas State U	130.93	44	PFAKE	LR	03 31 50.0	+1.3
DBIC	Dimbokro	130.97	272	ePKIKP	PKPdf	03 31 37.2	-1.1
DBIC				PKP		03 31 49.3	-0.3
DBIC	Dimbokro	130.97	272	ePKP	PKPdf	03 31 38.0	-0.3
DBIC				SKPbc		03 34 57.5	-2.2
DBIC	Dimbokro	130.97	272	ePKPdf	PKPdf	03 31 37.2	-1.1
DBIC				SKPbc		03 34 58.2	-1.6
DBIC	Dimbokro	130.97	272	ePKIKP	PKPdf	03 31 38.0	-0.6
LIC	Lamto	131.10	271	ePKP1	PKPdf	03 31 38.4	-0.2
TIC	Toumudi	131.13	272	ePKP1	PKPdf	03 31 37.9	-0.7
WMOK	Wichita Mounta	131.22	50	ePKPdf	PKPdf	03 31 37.5	-0.7
WMOK				eSKP		03 34 57.9	
WMOK				eSKPdf		03 35 12.9	+2.4
SCIA	State Center	131.72	39	PFAKE	LR	03 31 50.0	+1.1
JCT	Junction City	131.89	56	ePKIKP	MLR	03 31 39.1	-0.5
SCHO	Schefferville	132.07	10	PKP	PKPdf	03 31 38.2	-0.9
SCHO				ePKPdf		03 31 38.3	-0.8
TROA	Torquist	133.78	172	ePKPdf	PKPdf	03 31 42.2	-0.8
TROA				eSKP		03 35 07.8	
KVXT	Kingsville	134.38	59	PFAKE	LR	03 32 00.0	+1.6
GLMI	Grayling	134.73	30	PFAKE	LR	03 32 00.0	+1.6
HDIL	Hopedale	134.92	38	PFAKE	LR	03 32 00.0	+1.5
CCM	Cathedral Cave	135.09	42	ePKPdf	PKPdf	03 31 43.7	-1.6
CCM				eSKP		03 35 09.4	
MIAR	Mount Ida	135.19	48	ePKPdf	PKPdf	03 31 44.8	-0.9
MIAR				eSKP		03 35 11.0	
HKT	Hockley	135.31	55	PFAKE	LR	03 32 00.0	+1.4
NATX	Nacogdoches	135.56	52	PFAKE	LR	03 32 00.0	+1.4
OLIL	Olney	136.74	39	ePKPdf	PKPdf	03 31 48.6	+0.1
AAM	Ann Arbor	137.00	32	PFAKE	LR	03 32 00.0	+1.1

ASCN	Ascension	137.22	249	PFAKE	LR	03 32 00.0	+1.0
WCI	Wyandotte Cave	138.18	39	ePKHKP	MLR	03 31 38.6	
WCI				MLR		03 31 51.2	
OXF	Oxford	138.21	45	PFAKE	LR	03 32 00.0	+8.7
WWT	Waverly	138.42	42	ePKHKP	MLR	03 31 41.9	
WWT				MLR			

BOAB	BOACO BROADBAN	79 102	eP	Pn	05 30 53.3 -0.6
CCIG	Comitan	3.97 320	eP	Pn	05 30 57.2 +0.7
CCIG			iS	Pn	05 31 38.8 -3.0
CCIG	Comitan	3.97 320	eP	Pn	05 30 57.2 +0.7
CCIG			iS	Pn	05 31 38.8 -3.0
SSN	San Juan del S	4.02 118	eP	Pn	05 30 59.8 -0.4
CONN	Concepcion	4.11 114	eP	Pn	05 30 58.9 +0.6
PCIG		4.38 304	eP	Pn	05 31 01.0 -1.1
PCIG			iS	Pn	05 31 47.3 -4.6
VCR	Vista de Mar	4.87 129	eP	Pn	05 31 09.8 +1.0
JTS	JuntasAbangare	5.30 123	eP	Pn	05 31 15.1 +0.3
JTS		comp=2.5,7nm,0.3s,baz=52,slow=16,SNR=56		S	
JTS		baz=292,slow=22,SNR=1.7		S	
JTS	JuntasAbangare	5.0 123	ePn	Pn	05 31 15.9 +1.1
JCR	Jicaral	5.44 123	eP	Pn	05 31 16.3 +0.2
FORC	Fortuna	5.45 120	eP	Pn	05 31 18.1 +1.4
CGO2	Cerro Gallo 2	5.86 123	eP	Pn	05 31 24.2 +1.9
LAJ	Bijagal	6.22 122	eP	Pn	05 31 24.3 -3.0
LCR2	La Lucha 2	6.38 123	eP	Pn	05 31 30.9 +1.4
QGR	Quepos	6.44 126	eP	Pn	05 31 31.8 +1.6
CMIG	Matias Romero	6.48 307	eP	Pn	05 31 30.1 -0.8
CMIG		comp=2.8,1nm,0.3s,baz=91,slow=9.0,SNR=53		S	
CMIG		comp=2.2,20nm,0.3s,baz=47,slow=20,SNR=8.0		LR	
CMIG		comp=2.1,1um,20.4s,baz=108,slow=40		LR	
CMIG	Matias Romero	6.48 307	eP	Pn	05 31 29.6 -1.2
CMIG			iS	Pn	05 32 38.8 -4.6
CMIG	Matias Romero	6.48 307	eP	Pn	05 31 29.9 -0.9
CMIG			iS	Pn	05 32 39.0 -4.4
URSC	Urasca	6.52 121	eP	Pn	05 31 37.0 +1.6
TEIG	Tepeich	7.03 9	P	Pn	05 31 40.3 +2.0
TEIG		comp=2.46nm,0.3s,baz=180,slow=3.1,SNR=296		LR	
TEIG		comp=2.7,788nm,18.4s,baz=28,slow=56		LR	
TEIG	Tepeich	7.03 9	ePn	Pn	05 31 40.5 +2.1
TEIG	Tepeich	7.03 9	eP	Pn	05 31 40.6 +2.2
ACR	Cerro Adams	7.68 126	eP	Pn	05 31 49.5 +2.2
VHO	Vista Hermosa	7.98 299	iP	Pn	05 31 51.1 -0.3
VHO			iS	Pn	05 33 16.1 -4.2
VHO	Vista Hermosa	7.98 299	iP	Pn	05 31 51.1 -0.3
VHO			iS	Pn	05 33 16.1 -4.2
BRU2	Volcan	7.99 123	eP	Pn	05 31 53.0 +1.5
PNIG	Pinotepa	8.94 292	iP	Pn	05 32 04.5 -0.1
PNIG			iS	Pn	05 33 37.8 -6.0
PNIG	Pinotepa	8.94 292	iP	Pn	05 32 04.5 -0.1
PNIG			iS	Pn	05 33 37.8 -6.0
PNIG	Pinotepa	8.94 292	iP	Pn	05 32 04.5 -0.1
PNIG			iS	Pn	05 32 42.3 -6.1
TPIG	Tehuacan	9.18 305	eP	Pn	05 32 03.1 -4.6
PPM	Pocopatepeti	10.53 305	eP	Pn	05 32 27.8 +1.5
YAG	Yautepac	10.79 302	eP	Pn	05 32 31.1 +1.6
MEIG	Mezcala	10.83 297	iP	Pn	05 32 33.0 +2.6
PLIG	Platanillo	10.93 299	eP	Pn	05 32 34.8 +3.1
MTDJ	Mount Denham	12.50 65	ePn	Pn	05 32 55.0 +1.9
DWPF	Disney	16.57 26	eP	Pn	05 33 50.6 +4.2
ROSC	El Rosal	17.10 118	P	Pn	05 33 52.2 -0.9
HKT	Hockley	17.64 341	eP	Pn	05 34 01.2 +1.6
VBMS	Vicksburg	18.91 357	eP	Pn	05 34 16.5 +1.6
SDV	Santo Domingo	18.98 101	P	Pn	05 34 12.7 -3.2
SDV		comp=2.2,1nm,0.3s,baz=301,slow=4.7,SNR=55		LR	
SDV		comp=2.304nm,20.5s,baz=358,slow=38		LR	
SDV	Santo Domingo	18.98 101	eP	Pn	05 34 13.2 -2.7
NATX	Nacogdoches	19.03 346	eP	Pn	05 34 16.5 +0.1
JCT	Junco City	19.63 333	eP	Pn	05 34 22.0 -1.5
LRAL	Lakeview Retre	19.82 6	eP	Pn	05 34 26.0 +0.3
628A	Black Gap, Mar	20.40 324	iP	Pn	05 34 31.0 +1.1
627A	Terlingua Ranch	20.66 323	iP	Pn	05 34 34.5 +1.7
TXAR	Lajitas	21.73 323	P	Pn	05 34 35.3 +1.7
TXAR		comp=2.1,1nm,0.6s,baz=143,slow=1.1,SNR=161		PcP	
GOGA	Godfrey	20.80 14	eP	Pn	05 34 36.8 +2.5
528A	Cox Ranch, San	20.86 326	iP	Pn	05 34 35.7 +0.8
OXF	Oxford	21.17 0	eP	Pn	05 34 40.1 +1.9
626A	Big Bend Ranch	21.17 322	iP	Pn	05 34 39.4 +1.1
527A	Woodward Ranch	21.31 324	iP	Pn	05 34 40.3 +0.6
NHSC	New Hope	21.51 22	eP	Pn	05 34 44.7 +2.9
NHSC			e	Pn	05 34 58.8
526A	Mary Lane Ranch	21.52 323	iP	Pn	05 34 42.1 +0.1
MIAR	Mount Ida	21.53 351	eP	Pn	05 34 44.1 +2.1
COW	Cow Castle Cre	21.58 20	eP	Pn	05 34 45.6 +3.1
PLAL	Pickwick Lake	21.68 3	eP	Pn	05 34 44.5 +0.9
427A	Hayler Ranch,	21.73 326	iP	Pn	05 34 43.6 -0.6
426A	McDonald Obser	21.94 325	iP	Pn	05 34 46.4 0.0
SWET	Sevance	22.10 8	eP	Pn	05 34 48.1 0.0
JSC	Jenkinsville	22.22 18	eP	Pn	05 34 50.5 +1.0
JSC			e	Pn	05 35 04.0
HBAR	Harrisburg	22.24 357	eP	Pn	05 34 51.6 +2.1
326A	Caldwell Ranch	22.40 326	iP	Pn	05 34 50.0 -0.5
CPCT	Cooper Cave	22.55 11	eP	Pn	05 34 53.3 +0.4
WVT	Waverly	22.83 3	eP	Pn	05 34 56.1 +0.3
TKL	Tuckaleechee C	22.89 12	P	Pn	05 34 55.0 -1.5
TKL		comp=2.8,8nm,0.8s,mb4.2,baz=183,slow=9.0,SNR=164		LR	
GLAT	Glass	22.92 0	eP	Pn	05 43 55.2
ATAH	Atahualpa	22.93 151	P	Pn	05 34 55.9 -0.9
SJG	San Juan	22.95 75	PcP	Pn	05 35 00.5 +3.5
SJG		comp=2.7,12nm,0.3s,baz=538,slow=11,SNR=3.0		LR	
325A	Bean Ranch, Si	23.00 324	iP	Pn	05 34 56.9 -0.7
WMOK	Wichita Mounta	23.00 340	eP	Pn	05 34 56.2 -1.5
WMOK			e	Pn	05 35 09.0
UTMT	University of	23.00 1	eP	Pn	05 34 57.8 +0.2
GD12	Guadalupe Moun	23.29 327	eP	Pn	05 35 01.5 +1.0
GD12			e	Pn	05 35 14.1
324A	Moseley Ranch,	23.34 323	iP	Pn	05 35 00.5 -0.6
225A	Deer Hill, Car	23.47 326	iP	Pn	05 35 01.9 -0.3
MNTX	Cornudas Moun	23.47 324	eP	Pn	05 35 02.0 -0.2
MNTX			e	Pn	05 35 14.3
CPRX	Cap Rock	23.68 329	eP	Pn	05 35 03.9 -0.2
TZTN	Tazewell	23.80 12	eP	Pn	05 35 07.7 +2.6
125A	Gardner Draw,	23.80 327	iP	Pn	05 35 04.9 -0.3
224A	Corundas Mount	23.83 324	iP	Pn	05 35 05.6 +0.1
AMTX	Amarillo	24.21 335	eP	Pn	05 35 08.7 -0.3
124A	Stringfield Ra	24.26 326	iP	Pn	05 35 09.9 +0.5
SIUC	Southern Illin	24.37 0	eP	Pn	05 35 10.7 +0.4
SIUC			e	Pn	05 35 23.4
CCM	Cathedral Cave	24.76 357	eP	Pn	05 35 13.1 -0.7
CCM		comp=2.15nm,0.6s,mb4.7		P	
WCI	Wyandotte Cave	25.04 6	eP	Pn	05 35 27.8
WCI		comp=2.1,19nm,0.8s,mb4.7		P	

WCI	Prospectdale	25.12 17	eP	Pn	05 35 30.3 -1.1
ELN			e	Pn	05 35 17.4 +0.3
ELN			e	Pn	05 35 30.4 -1.7
BLA	Blacksburg	25.20 17	eP	Pn	05 35 17.3 +0.6
OLIL		comp=2.29nm,1.0s,mb4.2		P	
220A	Playas Peak,P	25.51 320	iP	Pn	05 35 21.8 +2.0
319A	Hopedale	25.61 318	iP	Pn	05 35 33.8 -0.9
219A	Douglas	25.64 318	iP	Pn	05 35 22.1 +0.1
BNM	Barren Site	26.00 326	eP	Pn	05 35 27.1 +2.0
318A	Siabes	26.15 317	iP	Pn	05 35 27.5 +0.9
Y21A	Point of Rocks	26.48 324	iP	Pn	05 35 29.2 -0.3
KSUI	Kansas State U	26.52 347	eP	Pn	05 35 30.1 +0.3
ANMO	Albuquerque	26.52 327	P	Pn	05 35 32.2 +2.3
ANMO		comp=2.1,0nm,0.6s,mb3.5,baz=154,slow=8.3,SNR=5.6		PcP	
ANMO		comp=2.2,5nm,0.8s,baz=155,slow=8.3,SNR=6.7		LR	
ANMO		comp=2.256nm,18.9s,baz=32,slow=38		LR	
117A	Hornack Ranch,	26.91 319	iP	Pn	05 35 32.1 -1.3
218A	Green Valley	26.91 317	iP	Pn	05 35 33.2 -0.3
CBN	Corbin	27.08 21	eP	Pn	05 35 34.9 +0.1
HDIL	Hopdale	27.20 0	eP	Pn	05 35 36.1 +0.2
TUC	Tucson	27.22 318	eP	Pn	05 35 36.4 +0.2
ACSO	Alum Creek Sta	27.48 11	eP	Pn	05 35 37.5 -0.8
ACSO		comp=2.1,0nm,0.9s,mb4.4		P	
SDCO	Great Sand Dun	28.28 332	eP	Pn	05 35 46.0 -0.1
SDMO	Soldier's Dell	28.34 21	eP	Pn	05 35 45.8 -0.7
214A	Organ Pipe Nat	28.37 315	iP	Pn	05 35 51.7 -0.3
X16A	Lo Mia Camp, P	29.00 320	iP	Pn	05 35 59.7 +0.4
Q22A	Crested Butte,	29.83 332	iP	Pn	05 36 02.0 +0.9
ISCO	Idaho Springs	30.03 335	eP	Pn	05 36 05.3 +0.8
GLA	Glamis	30.39 315	iP	Pn	05 36 05.9 +1.5
GLA		comp=2.0,9nm,0.7s,mb3.5		P	
V14A	Boquillas Ranch	30.83 320	iP	Pn	05 36 10.1 +1.9
ECSD	EROS Data Cent	31.00 350	eP	Pn	05 36 08.0 -1.5
BC3	Big Chukuk Mtn	31.17 315	iP	Pn	05 36 12.5 +1.3
MCP	Monument Peak	31.43 313	iP	Pn	05 36 15.3 +1.8
V13A	Grand Canyon W	31.52 320	iP	Pn	05 36 17.8 +1.6
BELC	Belle Mtn.	31.74 315	iP	Pn	05 36 17.6 +1.3
W12A	Cal Nev Ari	31.74 318	iP	Pn	05 36 19.2 +2.1
LDFC	Landfair	31.76 318	eP	Pn	05 36 19.4 +2.1
PFO	Pinyon Flat Ob	31.84 314	iP	Pn	05 36 19.2 +2.1
U13A	Pakoon Wash	31.86 321	iP	Pn	05 36 17.8 -0.3
GMRC	Granite Moun	31.95 317	iP	Pn	05 36 18.9 +0.5
V12A	Nelson	31.99 319	iP	Pn	05 36 19.3 +0.6
N20A	Spence Gulch,	32.03 333	iP	Pn	05 36 22.1 -0.2
HEC	Hector,Ludlow	32.43 316	iP	Pn	05 36 23.6 +0.2
121A	Rawlins	32.57 335	iP	Pn	05 36 29.1 +1.6
GSC	Goldstone	33.02 316	eP	Pn	05 36 29.6 +0.6
RSSD	Black Hills	33.21 341	eP	Pn	05 36 33.2 +0.7
EDW2	Edwards Air Fo	33.59 315	iP	Pn	05 36 38.0 +4.0
DUG	Dugway	33.78 327	eP	Pn	05 36 34.1 -1.1
MPMC	Mineral Prospec	33.91 317	iP	Pn	05 36 36.9 -0.4
PDAR	Pinedale Arroy	34.16 333	P	Pn	05 39 12.4 -0.7
PDAR		comp=2.0,5nm,0.4s,mb3.8,baz=128,slow=11,SNR=10		PcP	
PDAR		comp=2.2,1nm,0.6s,baz=135,slow=4.8,SNR=12		ScP	
ARVC	Arvin	34.31 315	iP	Pn	05 36 39.5 +0.8
ISA	Isabella	34.35 316	eP	Pn	05 36 40.5 +1.5
LYM	Lily Haven	34.43 330	iP	Pn	05 36 39.6 0.0
E16A	Fish	34.63 358	eP	Pn	05 36 42.3 +0.2
J18A	Kendall Valley	34.72 333	iP	Pn	05 36 43.1 -0.3
VES	Vesil, Richgr	34.86 315	iP	Pn	05 36 43.4 -0.1
L15A	Malad City	34.89 330	iP	Pn	05 36 44.7 0.0
I18A	Diamond G Ranch	35.03 334	iP	Pn	05 36 46.1 +0.4
J17A	Brown Place, J	35.15 333	iP	Pn	05 36 46.5 +0.2
REDW	Red Top Meadow	35.21 333	eP	Pn	05 36 47.5 +0.9
SNOW	Snow King Moun	35.24 333	eP	Pn	05 36 47.9 +0.8
LOHW	Long Hollow	35.30 333	eP	Pn	05 36 47.0 -0.3
M13A	Montello	35.33 327	iP	Pn	05 36 48.4 +1.0
M13A		comp=2.3,0nm,0.6s,mb4.4		P	
L14A	Malad	35.34 329	iP	Pn	05 36 46.7 -0.7
AGMN	Agassiz Refuge	35.35 353	eP	Pn	05 37 00.5 -2.2
AGMN		comp=2.1,0nm,0.4s,mb5.1		eP	
TPAW	Teton Pass	35.35 333	eP	Pn	05 36 48.2 +0.7
RR12	Red Ridge	35.41 332	eP	Pn	05 36 48.4 +0.4
K15A	Alto	35.47 330	iP	Pn	05 36 48.6 0.0
J16A	Bone	35.49 332	iP	Pn	05 36 49.5 +0.9
I17A	Pilgrim Ck.	35.53 333	iP	Pn	05 36 49.4 +0.4
IMW	Indian Meadow	35.67 333	eP	Pn	05 36 51.1 +0.9
K14A	Jones Ranch, D	35.68 329	iP	Pn	05 36 50.3 -0.1
NVAR	Minna Array Bea	35.82 320	P	Pn	05 39 18.9 +0.8

19d 5h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like ESKDALEMIUR AR, SONRSAR ARRAY, SPITSBERGEN AR, etc.

ISC/JB 19 05:31:27.9-0.6, 18.6'0N:0.05:99.25W:0.06, h3km, 7km, Error ellipse: s-maj=11.6km s-min=4.4km az=36.3

MEX 19 05:31:28.5-0.6, 18.64'0N:0.05:99.27W, h3km, 9km, MD3.5

NEIC 19 05:31:28.4, 18.72'N:99.37'W, h5km, MD3.3(MEX), After MEX.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like YAITEPEC, PLATANILLO, POPOCATEPETL, etc.

DJA 19 05:57:28.7, 52Sx106.62E, h27km, Mlv3.6/8, Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like DRAMAGA, LEMBANG, CIBINONG, etc.

LDG 19 05:58:40.0-0.1, 20.17'S:168.88'E, h10km, Mb6.3/4, Ms6.2/10, Error ellipse: s-maj=13.1km s-min=3.9km az=130.0

ISC/JB 19 05:58:40.5-1.2, 20.28'S:0.02:168.78'E:0.02, h14km, 7km, mb5.7/197, MS6.2/264, Error ellipse: s-maj=3.9km s-min=2.9km az=151.4

BUI 19 05:58:40.6, 20.23'S:169.58'E, h32km, Mb6.4/52, mb5.6/49, Ms6.3/66, Ms7.6/056

GCMT 19 05:58:42.0-1.2, 20.36'S:168.72'E, h12km, MW6.2/120, Moment Tensor Solution, s19.0220; s120.c453;

Duration: 32; Moment tensor: Scale 10^18Nm; Mw:1.57±.01; Mw:2.38±.01; Mw:0.81±.01; Mw:0.00±.04; Mw:1.27±.01; Mw:1.64±.04; Best double couple: M2:94800x10^18 Np1:70.00000; s51.00000; s33.00000; NP2:323.00000; s65.00000; s136.00000; Principal axes: T 2.9950, Plg48.0000, Azm283.0000; N -0.0960, Plg41.0000, Azm11.0000; P -2.9000, Plg8.0000, Azm22.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface/mantle waves, cutoff=50s.

NEIC 19 05:58:42.0-1.2, 20.27'S:168.80'E, h14km, mb5.7/147, MS6.2/206, MW6.3, Error ellipse: s-maj=5.6km s-min=4.4km az=134.0, Moment Tensor Solution, s50

Moment tensor: Scale 10^18Nm; Mo:0.33; Mw:1.04; Mw:0.71; Mw:0.42; Mw:0.94; Mw:0.86; Best double couple: M1:60000x10^18 Np1:70.00000; s52.00000; s9.00000; NP2:334.00000; s83.00000; s141.00000; Principal axes: T 1.5100, Plg31.0000, Azm284.0000; N 0.2200, Plg50.0000, Azm145.0000; P -1.7200, Plg20.0000, Azm28.0000

MOS 19 05:58:43.9, 1.4, 20.30'S:168.79'E, h33km, mb5.9/56, MS6.2/69, Error ellipse: s-maj=7.8km s-min=2.7km az=137.2

DJA 19 05:58:43.9, 1.4, 20.30'S:168.78'E, h11km, Mw6.8/57

SZGRF 19 05:58:44.4, 19.85'S:170.77'E, h33km, mb6.3, Vanuatu Islands

2008 APR

IDC 19 05:58:46.3, 3.2, 20.35'S:168.82'E, h50km, 29km, mb5.2/21, mb1.5/3/23, mb1mx3/3/23, mbtmp5.2/23, ML3.9/2, MS6.2/18, M1.6/2/18, ms1mx6.1/21, Error ellipse: s-maj=14.9km

ISC 19 05:58:44.1, 1.1, 20.30'S:0.03:168.81'E:0.02, h28km, 6km, h34km, 7km; pP-P, n1395, s1901/753, mb5.7/197, MS6.2/264, 185C-185D, Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like DZM, LALS, NORM, NOUC, RAO, FUNA, ARMA, ARMA, ARMA, etc.

914

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like WRAB, WRAB, WRAB, WRAB, WRA, WRA, WRA, etc.

WRAB 19 05:58:44.4, 19.85'S:170.77'E, h33km, mb6.3, Vanuatu Islands

OTRP	Odiongan	56.32 301	eP	P	06 08 21.1 -1.7
AUOP	San Andres	56.35 303	eP	P	06 08 26.6 +3.6
SDKM	Sandakan	56.88 291	P	P	06 08 26.8 -0.1
SDKM	Sandakan	56.88 291	P	P	06 08 27.4 +0.5
BOAC	Boac	57.09 302	eP	P	06 08 29.8 +1.6
SJMP	San Jose	57.10 301	eP	P	06 08 29.9 +1.4
BUSP	Coron	57.59 300	eP	P	06 08 29.2 -2.7
SBA	Scott Base	57.60 181	eP	P	06 08 31.4 +0.3
comp=Z,2um,2.5s,mb6.7					
SBA			LR	LR	
comp=Z,18um,20.0s,MS6.2					
PPR	Puerto Princes	57.62 296	eP	P	06 08 32.9 +0.8
POLP	Polillo Island	57.74 303	eP	P	06 08 32.2 -0.7
ENPP	El Nido	57.80 298	eP	P	06 08 31.0 -2.3
KDM	Kudat	57.81 292	eP	P	06 08 34.3 +0.9
BATP	Bataraza	57.93 305	eP	P	06 08 32.2 -1.9
KKM	Kota Kinabalu	57.93 291	eP	P	06 08 35.0 +0.7
KKM	Kota Kinabalu	57.93 291	eP	P	06 08 34.7 +0.4
comp=Z,508nm,1.4s,mb6.4					
KKM			LR	LR	
comp=Z,7um,21.0s,MS5.8					
LUBP	Lubang	58.52 301	eP	P	06 08 35.4 -3.0
PALP	Palanan	58.75 306	eP	P	06 08 39.3 -0.6
CASY	Casey	59.00 204	eP	P	06 08 39.9 -1.0
CASY	Casey	59.00 204	eP	P	06 08 39.2 -1.7
comp=Z,304nm,1.4s,mb6.1					
CASY			LR	LR	
comp=Z,22um,22.0s,MS6.2					
CAUM	Cauayan	59.14 305	eP	P	06 08 45.7 +3.0
BTM	Bitulu	59.43 287	P	P	06 08 45.5 +0.8
SICP	Sit. Cagua	59.75 307	eP	P	06 08 46.5 -0.4
SBUM	Sibu	59.89 285	P	P	06 08 48.2 +0.3
APYP	Conner	60.13 306	eP	P	06 08 51.2 +1.8
KSM	Kuching	61.22 283	eP	P	06 08 57.5 +0.4
KSM	Kuching	61.22 283	eP	P	06 08 56.9 -0.2
comp=Z,240nm,1.0s,mb6.3					
KSM			LR	LR	
comp=Z,10um,19.0s,MS6.0					
XMIS	Christmas Isla	61.37 269	eP	P	06 08 56.5 -1.6
comp=Z,406nm,1.4s,mb6.4					
YULB	Yu-li	63.49 311	eP	P	06 09 15.2 +3.2
comp=Z,89nm,1.4s,mb5.7					
MJAR	Matsushiro Arr	63.50 333	P	P	06 09 10.3 -1.5
comp=Z,16nm,1.0s,mb5.0,baz=170,slow=7.5,SNR=18					
MJAR			LR	LR	06 35 47.5
comp=Z,7um,19.5s,MS5.9,baz=130,slow=35					
MAJO	Matsushiro	63.50 333	eP	P	06 09 11.8 0.0
comp=Z,106nm,1.2s,mb5.7					
MAJO			LR	LR	
comp=Z,10um,20.0s,MS6.0					
MAT	Matsushiro	63.50 333	P	P	06 09 11.0 -0.8
MAT			S	S	06 17 44.0 +0.7
NACB	Ninganchiao	63.78 312	eP	P	06 09 13.0 -0.9
comp=Z,392nm,1.7s,mb6.2					
TPUB	Ta-pu	63.91 310	eP	P	06 09 13.7 -1.1
comp=Z,137nm,1.1s,mb5.9					
YHNB	Yeheng	64.25 312	eP	P	06 09 17.1 +0.2
comp=Z,136nm,1.0s,mb5.9					
YHNB			LR	LR	
comp=Z,8um,19.0s,MS5.9					
TATO	Taipei	64.37 312	eP	P	06 09 17.9 +0.2
comp=Z,602nm,1.6s,mb6.4					
TATO			LR	LR	
comp=Z,14um,21.0s,MS6.1					
MIR	Mirnyy	65.91 205c	/P	P	06 09 26.5 -0.6
MIR			e	S	06 09 42.0
MIR			e	S	06 18 14.0 +1.8
MIR			e	S	06 19 14.0
comp=Z,111nm,1.0s,mb5.8					
MIR			pmx	pmx	
comp=Z,4um,6.0s					
MIR			pmx	pmx	
comp=Z,2um,5.0s					
MIR			smx	smx	
comp=N,4um,7.0s					
MIR			MLR	MLR	
comp=N,15um,16.0s,MS6.4					
MIR			MLR	MLR	
comp=N,12um,16.0s,MS6.4					
MIR			MLR	MLR	
comp=Z,16um,16.0s,MS6.3					
OZH	Quanzhou	66.39 310	/P	P	06 09 32.8 +2.0
OZH			sP	S	06 09 50.1 +7.1
OZH			S	S	06 18 19.5 +0.3
OZH			pmx	pmx	
comp=Z,8um,6.4s					
OZH			LR	LR	
comp=N,5um,12.6s,MS6.0					
OZH			LR	LR	
comp=E,5um,13.9s,MS6.0					
OZH			LR	LR	
comp=Z,12um,19.8s					
ERM	Erimo	66.39 339	PFAKE	P	06 09 40.0 +1.0
ERM			LR	LR	
comp=Z,16um,20.0s,MS6.2					
MYKOM	Kota Tinggi	67.27 281	P	P	06 09 37.1 +0.4
YUK	Yuzh-Kuril'sk	67.39 342	P	P	06 09 37.0 +0.3
YUK			e	S	06 10 06.5
YUK			e	S	06 12 03.0
YUK			e	S	06 18 32.0 +1.5
YUK			e	S	06 22 50.0 -1.4
comp=N,3um,6.0s					
YUK			pmx	pmx	
comp=E,2um,6.0s					
YUK			pmx	pmx	
comp=N,190nm,0.5s					
YUK			pmx	pmx	
comp=Z,190nm,0.5s,mb6.4					
YUK			pmx	pmx	
comp=E,190um,0.5s					
YUK			MLR	MLR	
comp=N,9um,18.0s,MS6.2					
YUK			MLR	MLR	
comp=E,9um,18.0s,MS6.2					
KGM	Kluang	67.85 281	P	P	06 09 41.0 +0.7
SSE	Sheshan	68.57 317	P	P	06 09 45.8 +1.4
SSE			sP	S	06 10 01.3 +4.7
SSE			S	S	06 18 47.5 +2.3
SSE			S	S	06 19 08.0 +8.2
comp=Z,97nm,1.0s,mb5.7					
SSE			pmx	pmx	
comp=Z,2um,7.4s					
SSE			LR	LR	
comp=N,5um,24.4s,MS5.9					
SSE			LR	LR	
comp=E,6um,24.4s,MS5.9					
SSE			LR	LR	
comp=Z,9um,22.6s,MS5.9					
COCO	West Island	69.13 264	PFAKE	P	06 10 00.0 +1.2
COCO			LR	LR	
comp=Z,15um,20.0s,MS6.2					
KSR5	Korea Array	69.15 326	P	P	06 09 48.0 +0.1
comp=Z,22nm,1.1s,mb5.0,baz=143,slow=6.3,SNR=22					
KSR5			LR	LR	06 40 10.5
comp=Z,6um,18.5s,MS5.8,baz=134,slow=36					
GZH	Guangzhou	69.18 306	P	P	06 09 48.5 +0.1
GZH			S	S	06 18 51.3 -1.4
KTGM	Kuala Trengganu	69.32 284	P	P	06 09 50.1 +0.6
QSPA	South Pole Qui	69.76 180	LR	LR	06 38 49.1
QSPA	South Pole Qui	69.76 180	eP	P	06 09 50.5 -0.6
comp=Z,165nm,0.9s,mb6.0					
QSPA			LR	LR	
comp=Z,24um,19.0s,MS6.5					
QIZ	Qiongzong	69.76 300	P	P	06 09 53.8 +1.7
QIZ			S	S	06 19 02.6 +2.9
QIZ			pmx	pmx	
comp=Z,68nm,2.2s,mb5.2					
QIZ			pmx	pmx	
comp=Z,3um,7.2s					
QIZ			LR	LR	
comp=N,5um,16.3s					
QIZ			LR	LR	
comp=Z,6um,22.7s					
QIZ	Qiongzong	69.76 300	PFAKE	LR	06 10 00.0 +7.9
QIZ			LR	LR	
comp=Z,6um,20.0s,MS5.8					
FRIM	Kepong	69.88 281	P	P	06 09 52.9 -0.1
NJ2	Nanjing	70.69 316	eP	P	06 10 00.1 +2.5
NJ2			P	P	06 10 10.8 +4.3
NJ2			P	P	06 10 14.5 +4.7
NJ2			P	P	06 12 38.8 +4.2

NJ2			S	S	06 19 14.5 +4.3
NJ2			sS	sS	06 19 32.0 +7.1
NJ2			SS	SS	06 23 44.5 +1.6
comp=Z,160nm,1.0s,mb5.9					
NJ2			pmx	pmx	
comp=Z,3um,6.4s					
NJ2			LR	LR	
comp=N,8um,26.7s,MS6.0					
NJ2			LR	LR	
comp=E,8um,27.8s,MS6.0					
NJ2			LR	LR	
comp=Z,12um,27.4s,MS6.0					
IPM	Ipon	70.91 282	P	P	06 09 59.8 +0.5
YSS	Yuzh-Sakhalins	70.95 341	eP	P	06 09 59.9 +1.1
YSS			e	S	06 10 17.9
YSS			e	S	06 12 40.3
YSS			e	S	06 19 16.0 +3.5
YSS			e	S	06 19 40.0
YSS			e	S	06 19 58.0
comp=Z,120nm,1.1s,mb5.7					
YSS			pmx	pmx	
comp=Z,3um,6.0s					
YSS			pmx	pmx	
comp=N,1um,4.0s					
YSS			MLR	MLR	
comp=N,14um,17.0s,MS6.3					
YSS			MLR	MLR	
comp=Z,15um,17.0s,MS6.3					
YSS			MLR	MLR	
comp=E,5um,19.0s,MS6.3					
YSS	Yuzh-Sakhalins	70.95 341	eP	P	06 09 59.8 +1.1
comp=E,160nm,0.9s,mb6.0					
YSS			LR	LR	
comp=Z,6um,20.0s,MS5.8					
SKR	Severo-Kuril's	71.55 352	eP	P	06 09 54.0 -8.3
SKR			e	P	06 10 22.0
SKR			e	P	06 12 44.0
SKR			e	S	06 19 14.0 -5.4
comp=Z,4um,14.0s					
SKR			smx	smx	
comp=N,8um,14.0s					
SKR			MLR	MLR	
comp=N,6um,18.0s,MS6.2					
SKR			MLR	MLR	
comp=E,11um,18.0s,MS6.2					
SKR			MLR	MLR	
comp=Z,9um,18.0s,MS6.1					
KULM	Kulim	71.57 283	P	P	06 10 03.7 +0.4
KULM	Kulim	71.57 283	eP	P	06 10 02.8 -0.5
comp=Z,182nm,1.3s,mb5.8					
KULM			LR	LR	
comp=Z,9um,19.0s,MS6.1					
SNG	Songkhla	72.35 285	P	P	06 10 08.0 0.0
comp=Z,220nm,0.8s,mb6.1					
WHN	Wuhan	72.77 313	P	P	06 10 10.4 +0.3
WHN			S	S	06 19 38.3 +4.2
comp=N,12um,16.8s,MS6.4					
WHN			LR	LR	
comp=E,12um,15.0s,MS6.4					
WHN			LR	LR	
comp=Z,15um,21.0s					
PET	Petropavlovsk	73.55 354	eP	P	06 10 14.9 +0.8
PET			e	S	06 19 47.3 +5.3
PET			e	S	06 24 27.9 +2.1
comp=Z,1um,6.6s					
PET			pmx	pmx	
comp=Z,88nm,1.7s,mb5.4					
PET			pmx	pmx	
comp=Z,3um,8.6s					
PET			smx	smx	
comp=E,9um,20.3s					
PET			smx	smx	
comp=E,7um,16.0s					
PET	Petropavlovsk	73.55 354	eP	P	06 10 16.4 +2.3
comp=E,178nm,1.3s,mb5.8					
PET			LR	LR	
comp=Z,15um,19.0s,MS6.3					
DL2	Dalian	73.62 323	P	P	06 10 15.8 +0.9
DL2			S	S	06 19 42.9 -0.6
comp=Z,80nm,0.9s,mb5.7					
DL2			pmx	pmx	
comp=Z,2um,5.0s					
DL2			LR	LR	
comp=N,3um,16.8s,MS5.8					
DL2			LR	LR	
comp=E,3um,17.4s,MS5.8					
DL2			LR	LR	
comp=Z,5um,17.7s,MS5.8					
PEA0B	Petropavlovsk	73.73 353	eP	P	06 10 16.6 +1.4
PETK	Petropavlovsk	73.73 353	P	P	06 10 16.0 +0.8
comp=Z,45nm,0.8s,mb5.4,baz=134,slow=6.4,SNR=14					
PETK			LR	LR	06 40 18.5
comp=Z,10um,19.7s,MS6.1,baz=165,slow=34					
PETK	Petropavlovsk	73.73 353	P	P	06 10 16.0 +0.8
PETK			LR	LR	06 40 18.5
MDJ	Mudanjiang	73.86 332	P	P	06 10 16.8 +0.6
MDJ			P	P	06 10 31.8 +0.2
MDJ			P	P	06 13 01.0 +0.5
MDJ			S	S	06 19 49.3 +3.3
MDJ			SS	SS	06 24 35.4 +4.4
comp=Z,42nm,0.8s,mb5.4					
MDJ			pmx	pmx	
comp=Z,2um,6.4s					
MDJ			LR	LR	
comp=N,7um,16.8s					
MDJ			LR	LR	
comp=E,6um,21.9s					
MDJ			LR	LR	
comp=Z,8um,16.8s,MS6.1					
MDJ	Mudanjiang	73.86 332	eP	P	06 10 16.7 +0.5
comp=Z,110nm,0.8s,mb5.8					
MDJ			LR	LR	
comp=Z,9um,22.0s,MS6.0					
RPN	Rapa Nui	74.04 113	LR	LR	06 35 31.7
RPN	Rapa Nui	74.04 113	PFAKE	LR	06 10 30.0 +1.2
comp=Z,6um,20.0s,MS5.9					
RPN			LR	LR	
comp=Z,309nm,0.8s,mb6.3					
TIA	Tai'an	74.47 319	P	P	06 10 21.0 +1.5
TIA			S	S	06 19 52.8 -0.4
comp=Z,2um,6.0s					
TIA			pmx	pmx	
comp=N,2um,15.0s					
TIA			LR	LR	
comp=Z,2um,15.0s					
HABR	Khabarovsk	74.82 337c	/P	P	06 10 22.1 +0.4
HABR			e	P	06 10 30.9 +0.3
HABR					

Table with columns for call sign, frequency, mode, and other details. Includes entries like LZH Lanzhou, SYO Syowa Base, and various other stations.

Table with columns for call sign, frequency, mode, and other details. Includes entries like YAK Yakutsk, MAIT Maitri, OSI Osito Adit, and various other stations.

Table with columns for call sign, frequency, mode, and other details. Includes entries like MCK McKinley, K05A Summer Lake, MOD Modoc, and various other stations.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HYB, MCMT, H15A, MSO, K16A, R19A, E14A, JTMT, M17A, J16A, O18A, MVCO, MVCO, SWMT, L17A, Q19A, Q19A, G15A, DLMT, AHID, YBMT, D14A, R21A, HVS, CHMT, I16A, C14A, F15A, LRM, M18A, BNM, 324A, LPM, NGP, NGP, NGP, E15A, N18A, TPWA, REDW, G16A, MNTX, MNTX, 224A, 425A, J17A, SNOW, O19A, IMW, QLMT, S21A, H16A, Q20A, D15A, 325A, ANMO, ANMO, N19A, K18A, BOZ, BOZ, BOZ, 124A, 626A, F16A, P20A, I17A, YFT, A14A, C15A, EFI, EFI, J18A, H17A, 526A, HRY, L19A, R21A, E16A, 225A, TXAR, TXAR, TXAR, BW06.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BW06, PDAR, PDAR, O20A, WMQ, WMQ, WMQ, WMQ, WMQ, WMQ, B15A, INK, INK, INK, LKWW, LKWW, Q21A, 426A, I18A, A15A, D16A, 627A, 125A, Z7A, GDLZ, F17A, PLCA, PLCA, E17A, R22A, K19A, Q22A, L20A, SMCO, 427A, D17A, G18A, C17A, GCMT, F18A, 528A, RLMT, RLMT, RLMT, CPRX, E18A, M21A, SDCO, SDCO, L21A, BHPL, BHPL, D18A, EDM, A17A, EGMT, EGMT, B18A, ISCO, ISCO, ISCO, L22A, GOA, GOA, GOA, KAD, KAD, POO, NDI, AMTX, AMTX, LAO, LAO, JCT, JCT, SMLA, YKA, YKA, YKA, YKA, RSSD, RSSD, RSSD, RSSD, RSSD, WWT, WWT.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KVTX, KVTX, MKAR, MKAR, MKAR, MKAR, AJM, AJM, OGNE, OGNE, RER, RER, ZAAO, ZALV, ZALV, ZALV, ZALV, DGMT, DGMT, WMOK, WMOK, CBKS, CBKS, NVS, NVS, NVS, NVS, NVS, HKT, HKT, LCO, LCO, TRQA, TRQA, AAA, AAA, KURK, KURK, KURK, KURK, KURK, NATX, NATX, TKM2, TKM2, BHJ, FFC, FFC, KSU1, KSU1, UCH, UCH, FRU, FRU, AAK, AAK, ECSD, ECSD, AML, AML, EKS2, EKS2, MIAR, MIAR, TGUH, TGUH, NNA, NNA, AGMN, AGMN, TEIG, TEIG, JTS, JTS, ULM, ULM, SCIA, SCIA, VBMS, VBMS, LVC, LVC, CCM, CCM, MSEY, MSEY, MSEY, MSEY, ABPO, ABPO, BRVK, BRVK, RES, RES, EYMN, EYMN, OTAV, OTAV, HDIL, HDIL, PLAL, PLAL, BRAL, BRAL, WWT, WWT.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like Lakeview Retre, Isla Barro Col, Lapaz, Wyandotte Cave, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like Cabo Rojo, Kiliima Mbogo, Mtasaminda, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like NOA, KARAR, NOARSAR Array B, etc.

IDC 19 06:07:55.0.7.20.273S:168.75E,h0km,mb4.7/11, mb1 4.8/12,mb1mx4.6/19,mbtmp4.7/12,ML4.0/1, Error ellipse: s-maj=24.6km s-min=20.2km az=133.0
 LDG 19 06:07:56.9.0.2.20.065S:168.75E,h10km,mb5.1/4, Error ellipse: s-maj=19.0km s-min=3.6km az=127.0
 NEIC 19 06:08:00.9.0.5.20.265S:168.77E,h35km,mb4.8/9, Error ellipse: s-maj=12.2km s-min=10.7km az=33.0
 ISCJB 19 06:08:02.5.4.2.20.4S:0.1:168.8E:0.1,h59km,36km, mb4.6/15, Error ellipse: s-maj=24.8km s-min=14.3km az=28.1

ISC 19 06:08:04.0.3.4.20.4S:0.1:168.7E:0.1,h60km,30km,n56, e=074/27,mb4.6/15, Loyalty Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
OUZ	Omahuta	15.36	165	Op	06 11 37.7	+0.6
URZ	Urewera	19.21	160	P	06 12 23.8	-0.7
CTA	Charters Tower	21.06	267	P	06 12 45.0	+1.7
CTAO	Charters Tower	21.06	267	eP	06 12 43.2	-0.1
COEN	Coen	25.20	281	eP	06 13 24.7	+0.4
STKA	Stevens Creek	26.80	239	P	06 13 39.5	+1.0
WRAB	Tennant Creek	32.21	265	P	06 14 25.9	-0.8
WRA	Warramunga Arr	32.22	265	P	06 14 25.4	-1.4
ASAR	Alice Springs	32.37	258	P	06 14 27.2	+0.2
FITZ	Fitzroy Crossi	40.63	266	eP	06 15 38.5	0.0
FITZ	Fitzroy Crossi	40.63	266	eP	06 15 38.3	-0.2
MBWA	Marble Bar	45.64	260	eP	06 16 18.3	-0.6
NWAO	Narrogin (SRO)	47.23	244	P	06 16 29.9	-1.3
NWAO	Narrogin (SRO)	47.23	244	eP	06 16 32.0	+0.8
QSPA	South Pole Qui	69.64	180	P	06 19 06.6	+0.1
QSPA	South Pole Qui	69.64	180	eP	06 19 06.5	0.0
MAW	Mawson	77.15	202	P	06 19 51.6	+0.7
MAW	Mawson	77.15	202	eP	06 19 51.7	+0.8
CMAR	Chiang Mai Arr	78.53	295	P	06 20 00.6	+1.2
SYO	Syowa Base	83.66	196	eSH	06 21 35.4	
KDAK	Kodiak Island	84.31	20	P	06 20 29.2	+0.1
KDAK	Kodiak Island	84.31	20	eP	06 20 29.2	+0.1
UNL	Ulanbator	87.51	324	eP	06 20 43.2	+0.2
SOM	Songino Array	87.86	323	P	06 20 47.0	+0.2
VNA3	Neumayer-Watz	88.86	181	e	06 20 49.6	+0.3
VNA2	Neumayer-Watz	88.86	181	e	06 20 51.4	+0.2
NVAR	Mina Array Bea	89.96	49	P	06 20 56.1	-0.7
YKA	Yellowknife Ar	91.91	257	P	06 21 50.5	-0.9
ARCES	ARCES Array B	126.08	345	PKP	06 26 57.8	-0.7
EKA	Eskdalemuir Ar	144.61	352	PKP	06 27 31.0	-2.5
IDI	Anovya	144.96	303	PKP	06 27 33.6	-1.1
GERES	GERES Array B	145.32	331	PKP	06 27 34.1	-0.6
WLF	Walfordgang	147.68	339	ePKP	06 27 41.7	+0.0
GIVF	Givet	147.74	340	ePKP	06 27 40.8	-1.0
BAIF	Baives	147.97	341	ePKP	06 27 41.5	-0.9
CDF	Champ du Feu	148.32	336	ePKP	06 27 42.4	-1.0
DAVOS	Davos/Dischmat	148.54	332	PKP	06 27 44.2	+0.1
HIN	Hinterfeld	148.88	336	ePKP	06 27 43.1	-2.0
HAU	Haudompre	149.01	337	ePKP	06 27 44.1	-1.1
MEZF	Maizieres J'vi	149.05	339	ePKP	06 27 44.5	-0.8
CABF	La Chapelle	150.27	335	ePKP	06 27 47.7	-0.6
FLN	La Foliniere	150.42	345	ePKP	06 27 47.2	-1.4
LDF	La Druitiere	150.49	345	ePKP	06 27 47.2	-1.6
LOR	Lormes	150.52	339	ePKP	06 27 47.8	-1.1
SSF	Saint Saulge	150.82	339	ePKP	06 27 48.6	-1.0
GRR	Gorron	150.86	346	ePKP	06 27 48.2	-1.5
LPL	La Plagne	150.90	333	ePKP	06 27 49.4	-0.5
LPG	La Plagne	150.90	333	ePKP	06 27 49.3	-0.6
ROSF	Rostrenen	151.41	349	ePKP	06 27 49.9	-1.1
BGF	Bois d'Angland	151.48	339	ePKP	06 27 49.9	-1.3
MBDF	Montbardon	151.51	332	ePKP	06 27 51.3	0.0
ORIF	Oris-en-Rattie	151.73	334	ePKP	06 27 50.7	-1.1
TCF	Toux Ste Croi	151.93	340	ePKP	06 27 50.9	-1.3
PGF	Poggiola	152.10	327	ePKP	06 27 51.3	-1.4
RJF	Les Rejaudoux	152.02	340	ePKP	06 27 53.9	-0.8

IDC 19 06:12:08.5.1.0.20.273S:168.78E,h0km,mb4.3/6, mb1 4.5/7,mb1mx4.3/14,mbtmp4.3/7,ML3.7/1, Error ellipse: s-maj=33.6km s-min=24.7km az=139.0
 ISCJB 19 06:12:12.3.0.7.20.4S:0.1:168.78E:0.1,h33km, mb4.2/11, Error ellipse: s-maj=17.1km s-min=10.4km az=141.2
 NEIC 19 06:12:13.6.0.7.20.273S:168.86E,h35km,mb4.5/4, Error ellipse: s-maj=18.7km s-min=16.5km az=174.0
 ISC 19 06:12:14.4.0.7.20.4S:0.1:168.77E:0.1,h35km,n25, e=104/17,mb4.2/11, Loyalty Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
NOUC	Port Laguerre	2.84	234	eP	06 12 56.4	-0.9
NOUC	Port Laguerre	7.59	295	eS	06 13 30.3	0.0
URZ	Urewera	19.19	160	P	06 16 36.3	+0.2
CTA	Charters Tower	21.13	267	P	06 17 00.4	+1.1
CTAO	Charters Tower	21.13	267	eP	06 16 58.8	+2.5
STKA	Stevens Creek	26.86	239	eP	06 17 53.0	+1.2
STKA	Stevens Creek	26.86	239	P	06 17 52.8	+1.0
WRAB	Tennant Creek	32.28	265	P	06 18 40.0	-0.4
WRA	Warramunga Arr	32.29	265	P	06 18 38.7	-1.4
ASAR	Alice Springs	32.43	258	P	06 18 40.5	-0.8
FITZ	Fitzroy Crossi	40.70	266	eP	06 19 52.0	+0.1
FITZ	Fitzroy Crossi	40.70	266	eP	06 19 51.3	-0.5
QSPA	South Pole Qui	69.64	180	eP	06 23 20.1	+0.4
PETK	Petropavlovsk-	73.85	353	P	06 23 44.3	-0.8
CMAR	Chiang Mai Arr	78.53	295	P	06 24 15.5	+2.6
SOM	Songino Array	87.90	323	P	06 25 00.9	+0.8
NVAR	Mina Array Bea	89.91	49	P	06 25 08.9	-1.0
EKA	Eskdalemuir Ar	144.62	352	PKP	06 31 44.1	-2.8
IDI	Anovya	144.96	303	PKP	06 31 45.4	-2.8
GERES	GERES Array B	145.31	331	PKP	06 31 47.4	-0.7
BAIF	Baives	147.99	341	ePKP	06 31 53.8	-2.1

3.3nm,0.6s
 DAVOS Davos/Dischmat 148.57 332 PKPbc PKPbc 06 31 56.8 -0.7
 HIN Hinterfeld 148.00 336 ePKP1 PKPbc 06 31 54.8 +0.3
 HAU Haudompre 149.01 337 ePKP1 PKPbc 06 31 55.0 +0.4
 FLN La Foliniere 150.44 346 ePKP1 PKPbc 06 31 52.2 -2.9
 LDF La Druitiere 150.51 345 ePKP1 PKPbc 06 31 59.4 -2.8

IDC 19 06:16:11.3.4.1.19.93S:167.79E,h0km,mb4.0/3, mb1 4.2/3,mb1mx4.0/14,mbtmp4.0/3, Error ellipse: s-maj=124.2km s-min=66.6km az=146.0, Vanuatu Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
STKA	Stevens Creek	26.32	238	eP	06 21 49.7	+0.9
STKA	Stevens Creek	26.32	238	P	06 21 49.1	+0.3
WRA	Warramunga Arr	31.42	264	P	06 22 33.6	-0.8
ASAR	Alice Springs	31.64	257	P	06 22 36.8	+0.5
GERES	GERES Array B	144.43	330	PKP	06 35 49.0	-0.4

IDC 19 06:20:44.5.1.7.19.90S:168.78E,h0km,mb4.2/7, mb1 4.4/7,mb1mx4.2/15,mbtmp4.2/7, Error ellipse: s-maj=38.7km s-min=38.2km az=113.0
 ISCJB 19 06:20:49.7.1.4.20.0S:0.1:168.9E:0.2,h33km,mb4.2/8, Error ellipse: s-maj=32.9km s-min=12.9km az=29.2
 ISC 19 06:20:50.8.1.4.20.0S:0.1:168.9E:0.2,h35km,n11, e=94/11,mb4.2/8, Loyalty Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
NOUC	Port Laguerre	2.77	222	eP	06 21 30.6	-2.1
NOUC	Port Laguerre	2.77	222	eS	06 22 05.4	+0.5
STKA	Stevens Creek	26.32	238	P	06 26 27.2	+0.7
WRA	Warramunga Arr	31.47	264	P	06 27 12.5	-0.4
ASAR	Alice Springs	32.07	257	P	06 27 14.4	-0.1
FITZ	Fitzroy Crossi	40.27	265	eP	06 28 25.4	+0.6
QSPA	South Pole Qui	70.03	180	P	06 31 59.1	+0.6
CMAR	Chiang Mai Arr	78.01	295	P	06 32 47.2	+1.1
SOM	Songino Array	87.31	323	P	06 33 32.6	-1.2
NVAR	Mina Array Bea	90.00	49	P	06 33 40.8	-6.0
GERES	GERES Array B	144.73	331	PKP	06 40 21.5	-2.3

IDC 19 06:22:36.6.0.8.20.31S:168.91E,h0km,mb4.4/13, mb1 4.6/13,mb1mx4.5/18,mbtmp4.4/13, Error ellipse: s-maj=28.0km s-min=18.4km az=146.0
 LDG 19 06:22:38.9.0.2.20.065S:168.91E,h10km,mb4.8/2, Error ellipse: s-maj=18.3km s-min=3.0km az=125.0
 ISCJB 19 06:22:40.6.0.5.20.23S:0.07:168.70E:0.0,h33km, mb4.5/19, Error ellipse: s-maj=11.4km s-min=8.7km az=44.9
 NEIC 19 06:22:42.3.0.4.20.14S:168.77E,h35km,mb4.7/6, Error ellipse: s-maj=11.7km s-min=10.3km az=60.0
 ISC 19 06:22:42.5.0.5.20.23S:0.07:168.72E:0.0,h35km,n54, e=107/30,mb4.5/19, Loyalty Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
NOUC	Port Laguerre	2.92	230	eP	06 23 25.2	-1.3
NOUC	Port Laguerre	2.92	230	eS	06 23 59.0	-1.4
OZU	Omahuta	15.54	165	eP	06 26 20.3	+1.3
URZ	Urewera	19.39	160	P	06 27 06.7	0.0
CTA	Charters Tower	21.09	266	P	06 27 26.6	+2.6
CNB	Canberra Magne	22.72	225	eP	06 27 44.2	+2.9
STKA	Stevens Creek	26.91	239	eP	06 28 22.0	+1.6
STKA	Stevens Creek	26.91	239	P	06 28 21.6	+1.2
WRAB	Tennant Creek	32.24	264	eP	06 29 07.5	-0.4
WRA	Warramunga Arr	32.25	264	P	06 29 07.6	-0.3
ASAR	Alice Springs	32.42	257	P	06 29 09.2	-0.2
FITZ	Fitzroy Crossi	40.66	265	eP	06 30 20.8	+1.1
FITZ	Fitzroy Crossi	40.66	265	P	06 30 20.6	+0.8
FITZ	Fitzroy Crossi	40.66	265	eP	06 30 20.1	+0.4
MBWA	Marble Bar	45.69	260	eP	06 31 00.9	+0.6
SBA	Scott Base	57.67	180	eP	06 32 29.1	+0.1
MAJO	Matsushiro	63.40	333	eP	06 33 06.7	-1.9
QSPA	South Pole Qui	69.83	180	P	06 33 48.0	-1.0
PETK	Petropavlovsk-	73.65	353	P	06 34 11.4	-0.7
CMAR	Chiang Mai Arr	77.33	292	P	06 34 32.2	-1.1
MAW	Mawson	78.46	295	P	06 34 39.8	-0.6
LZH	Lanzhou	83.03	312	eP	06 35 10.5	+6.1
LZH	Lanzhou	83.03	312	eS	06 35 18.0	+2.5
LZH	Lanzhou	83.03	312	eS	06 35 22.3	+2.8
LZH	Lanzhou	83.03	312	eS	06 35 22.3	+2.8

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
KDAK	Kodiak Island	84.31	20	P	06 35 08.8	-0.8
GTA	Gaotai	87.45	314	eP	06 35 28.3	+1.9
GTA	Gaotai	87.45	314	eS	06 35 36.3	-1.3
GTA	Gaotai	87.45	314	eS	06 35 39.3	-2.3
SOM	Songino Array	87.71	323	P	06 35	

Table with columns: QID, Name, Azimuth, Elevation, SNR, and other parameters. Includes entries like Rafter H Ranch, Red Dirt Ranch, Hanksville Air, Iron Mountain, Monument Peak, Cripple Cowboy, Black Mountain, Big Chuck Mtn, White River C, Cedar Creek Ra, Hualapai Mount, North Rim, Boquillas Ranc, Hogan Spring, Black Ridge, Glen Canyon, Canyonlands Na, Champ De Feu, Parker Dam, Yucca, Seligman, Blythe, Kaibab Nation, Navajo Res, Hurst Farm, Curley Farm, Glamis, Ridgley Place, Salome, Hinterland, Williams, Shonto, Haudompre, Tuba City, Yava, Mexico Hat, Maizieres Jvi, Wupatki, Wickenburg, Yuma Proving, Humboldt, Flagstaff, Tonalea, Kykot, Rough Rock, Cimarron, Crested Butte, Mohawk Valley, Idaho Springs, Idaho Springs, Casa Grande Ranc, Wintersburg, Beclabito, Mesa Verde, Coal Bank Pass, Lo Mia Camp, Ganado, Dine College, Saguache, Gunn, Ely, Black Gap, Circle Bar, Newcomb, Forest Lakes, Lor Lormes, Sonoran Desert, Peralta Trail, Sanders, Organ Pipe Nat, La Plagne, La Plagne, Snowflake, Roosevelt, Edith, Saint Saule, La Foiniere, Eloy, La Druitiere, Signal de Mont, Great Sand Dun, and Avril sur Loir.

Table with columns: Name, Azimuth, Elevation, SNR, and other parameters. Includes entries like Avril sur Loir, AVF, SCHO, Y18A, W20A, X19A, ECSD, MBDF, MBDF, MBDF, MBDF, GRR, BGF, ORIF, ORIF, ORIF, X20A, TCF, TCF, TCF, TCF, H18A, 217A, X21A, Y20A, VIVF, VIVF, VIVF, Y21A, X22A, LMR, LMR, LMR, LMR, MFF, 318A, 219A, Z21A, BNM, RJF, LASF, 319A, LFF, 122A, MTLF, 124A, KSU1, 224A, 125A, EPF, MNTX, 324A, 126A, ETSF, ETSF, ETSF, 325A, 226A, 425A, 326A, 426A, 427A, 526A, 527A, 626A, 428A, 528A, TXAR, TXAR, 627A, 628A, TOR, MAW, DBIC, SDV, LPAZ, LPAZ, LPAZ, LPAC, PLCA, PLCA, CPUP, CPUP.

Table with columns: Name, Azimuth, Elevation, SNR, and other parameters. Includes entries like Villa Florida, NIED, NEIC, JMA, IDC, ISC, Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time Res, and ISC. Includes entries like Villa Florida, NIED 19 09:44:00.36, NEIC 19 09:44:07.7, JMA 19 09:44:07.7, IDC 19 09:44:13.2, ISC 19 09:44:07.9, Code ONAJ, JFT, JHO, JMM, JFT, JFT, JIO, JIO, JOU, JOU, JFY, JAG, JAG, JMA, MAJO, MAJO, MAT, ASAJ, KSRS, KSRS, SONM, ZALV, MKAR, KURK, WRA, YKA, TXAR, IDC 19 09:47:44.8, NIED 19 09:47:46.7, NEIC 19 09:47:48.3, JMA 19 09:47:48.1, ISC 19 09:47:46.3, Code TWB1, TWB1, PCYT, NWF, NWF, YOJ, TWC, TWC, TWC, TWC, TWA, TWA, TWE, TWE, TWE, TAT, TAT, ENA, ENA, ENTT, YHNB, YHNB, NSK, NSK, NCU, IRIF, IRIF, NNS, NNS, NACB, NACB, TWD, TWD, HWA, HWA, HATJ, HATJ, NSTT, NSTT, JKRS, JKRS, TWT, TWT, JJJ, JJJ, WHF, WHF, WHF.

19d 10h

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Shilin, Sany, Liyutan, Tarama, Sun Moon Lake, etc.

2008 APR

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Kappang, Kakadu, Kununurra, Fitzroy Crossi, etc.

930

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Stephens Creek, Warrunganga Arr, Alice Springs, etc.

19d 10h 19:09:48:12.9e,1.9,7.64S:125.97E,h0km,mb3.6/1, mb1 3.9/4,mb1mx3.7/15,mbtmp3.6/4,ML2.7/3,MS2.9/1, Ms1 2.9/1,ms1mx2.3/27,Error ellipse: s-maj=85.5km s-min=28.6km az=53.0

19d 10h 19:09:48:19.0f,1.1,8.06S:0.08:125.58E,0.08,h46km,21km, n12,c141/19,mb3.6/2,Timor region

19d 10h 19:10:18:16.9i,1.4,7.92S:126.76E,h0km,mb3.6/2, mb1 3.5/5,mbtmp3.4/16,mbtmp3.5/3,ML2.3/2,Error ellipse: s-maj=66.5km s-min=24.7km az=76.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like P12A McGill, L10A Juniper Basin, U14A Mt Trubull, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ORIF Oris-en-Rattie, TCF Touix Ste Croi, PGF Plogiella, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BLBC Balcova, BLCB Balcova, IZM Izmir, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like OKC, Ostrava-Krasne, VRAC, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KBA, OSKU, VSTU, DAVOX, etc.

WEL 19 15:57:22.8:0.3,36:115:177:70E,h191km,4km,ML3.5/10, 1D, Error ellipse: s-maj=4.7km s-min=4.3km az=90.0, Off east coast of North Island

NIED 19 16:00:09.34:90N:137:40E,h47km,Mw4.0 Best double couple: M1.080000:1015 NP1:285.00000:883.00000, 1.162.00000: NP2:17.00000:873.00000:1.7.00000:0, ISCB/J 19 16:00:09.3:0.4,34:84N:0.03:137:42E:0.0, h35km,6km, mb3.3/4, Error ellipse: s-maj=5.3km s-min=4.6km az=165.0

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

mb1 3.5/3,mb1mx3.3/19,mbtmp3.4/3,MS3.9/1,Ms1 3.9/1, ms1mx2.5/22, Error ellipse: s-maj=203.1km s-min=25.2km az=66.0, Talaud Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like FITZ, WARR, ASAR, MKAR, etc.

IDC 19 16:10:00.5:1.9,7.93S:125:66E,h0km,mb3.5/1, mb1 3.7/4,mb1mx3.5/16,mbtmp3.5/4,ML3.4/3,MS3.0/1, Ms1 3.0/1,ms1mx2.3/26, Error ellipse: s-maj=113.6km s-min=27.4km az=68.0, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KAPI, FITZ, WRA, ASAR, MKAR, etc.

BUI 19 16:10:48.0,7.90S:125:90E,h10km,mb4.8/2,mb4.4/4, ISCB/J 19 16:10:49.2:2.0,8:06S:0.04:125:77E:0.06,h24km,15km, mb4.6/23, Error ellipse: s-maj=10.8km s-min=6.1km az=152.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KDI, WSI, KAPI, LUWI, LBMI, KAKA, etc.

NEIC 19 16:09:49.1:0.5,7.92S:125:90E,h10km,mb4.5/7, Error ellipse: s-maj=14.4km s-min=7.4km az=58.0, IDC 19 16:10:49.0:0.9,7.56S:125:97E,h0km,mb4.2/6, mb1 4.3/8,mb1mx4.2/15,mbtmp4.2/8,ML4.3/2, Error ellipse: s-maj=40.4km s-min=18.4km az=62.0

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

DJA 19 16:10:57.7:84S:125:56E,h235km,mb4.4/6, ISC 19 16:10:52.5:2.0,8:07S:0.04:125:73E:0.06,h31km,15km, n47,r1925/1,mb4.6/23,1C,Timor region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KDI, WSI, KAPI, LUWI, LBMI, KAKA, etc.

NEIC 19 16:13:43.1:1.0,8:06S:0.04:125:59E:0.06,h39km,10km, mb4.5/18,MS3.6/2, Error ellipse: s-maj=11.5km s-min=6.0km az=153.1, DJA 19 16:13:58,6:82S:124:96E,h218km,mb4.1/4

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KDI, WSI, KAPI, LUWI, LBMI, KAKA, etc.

ISC 19 16:13:45.3,0.7,8.05S;0.04:125.59E;0.06,h38km,6gkm,
n52, c1f10/51, mb4.5/18, MS3.6/2, Timor region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC, Δ, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like NLAI Namlea, KDI Kendari, KAPI Kappang, etc.

BUI 19 16:27:23.3, 8.79S; 126.16E, h30km, mb5.1/24, mb4.8/31, Ms5.0/20, Ms7.4/5/22

IDC 19 16:27:27.8, 0.5, 7.90S; 125.63E, h0km, mb4.7/18, mb1.4/8/21, mb1mx4.7/25, mbmp4.7/21, ML4.4/3, MS3.9/10, Ms1.3/9/10, ms1mx3.6/30, Error ellipse: s-maj=19.9km s-min=11.0km az=68.0

MOS 19 16:27:28.5, 1.0, 7.96S; 125.82E, h23km, mb5.1/14, Error ellipse: s-maj=18.1km s-min=7.2km az=110.1

NEIC 19 16:27:29.0, 2.7, 9.42S; 125.70E, h10km, mb5.0/21, Error ellipse: s-maj=9.3km s-min=4.7km az=59.0

ISCB 19 16:27:29.2, 1.1, 8.01S; 0.04:125.70E; 0.04, h25km, 7km, mb4.9/65, MS4.0/17, Error ellipse: s-maj=8.2km s-min=5.2km az=145.4

GCMT 19 16:27:29.0, 0.3, 7.74S; 125.84E, h17km, 1km, MW4.9/56, Moment Tensor Solution. s21, c26; s56, c82; Duration: 0 Moment tensor: Scale 10^19Nm; Mr, 2.14; 17; Mw=1.01±.10; Mw=1.13±.13; Mw=0.47±.26; Mw=0.97±.08; Mw=1.46±.36; Best double couple: M2, 5.88000x10^16 Np1=55.00000°, δ29.00000°, 113.00000°. NP2: ε=209.00000°, δ83.00000°, 178.00000°. Principal axes: T 2.6990, P169.0000°, Azm94.0000°, N -0.2220. P1g11.0000°, Azm215.0000°, P -2.4770, P1g17.0000°, Azm308.0000°. nst1a refers to body waves, cutoff=40s. nst2a refers to surface waves, cutoff=50s.

DJA 19 16:27:41.7, 23S; 125.84E, h10km, mb4.6/12

ISC 19 16:27:33.1, 0.5, 8.02S; 0.04:125.70E; 0.04, h38km, 5km, h34km, 6km; p-P, n152, c1f13/160, mb4.9/65, MS4.0/17, 6C-3D, Timor region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC, Δ, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like NLAI Namlea, KDI Kendari, KAPI Kappang, etc.

Table with columns: KAKA, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC, Δ, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like KAKA Kakadu, KAPI Kappang, etc.

KMI Kunming 39.81 326 P pP P 16 35 05.1 +2.3

KMI Kunming 39.81 326 P pP P 16 35 14.3 +0.6

KMI Kunming 39.81 326 P pP P 16 41 07.8 +3.0

KMI Kunming 39.81 326 P pP P 16 35 05.1 +2.3

KMI Kunming 39.81 326 P pP P 16 35 14.3 +0.6

KMI Kunming 39.81 326 P pP P 16 41 07.8 +3.0

KMI Kunming 39.81 326 P pP P 16 35 05.1 +2.3

KMI Kunming 39.81 326 P pP P 16 35 14.3 +0.6

KMI Kunming 39.81 326 P pP P 16 41 07.8 +3.0

KMI Kunming 39.81 326 P pP P 16 35 05.1 +2.3

KMI Kunming 39.81 326 P pP P 16 35 14.3 +0.6

KMI Kunming 39.81 326 P pP P 16 41 07.8 +3.0

KMI Kunming 39.81 326 P pP P 16 35 05.1 +2.3

KMI Kunming 39.81 326 P pP P 16 35 14.3 +0.6

KMI Kunming 39.81 326 P pP P 16 41 07.8 +3.0

KMI Kunming 39.81 326 P pP P 16 35 05.1 +2.3

KMI Kunming 39.81 326 P pP P 16 35 14.3 +0.6

KMI Kunming 39.81 326 P pP P 16 41 07.8 +3.0

KMI Kunming 39.81 326 P pP P 16 35 05.1 +2.3

KMI Kunming 39.81 326 P pP P 16 35 14.3 +0.6

KMI Kunming 39.81 326 P pP P 16 41 07.8 +3.0

Table with columns: LZH, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC, Δ, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like LZH Lanzhou, LJI Beijing, etc.

LZH Lanzhou 48.45 336 eP P 16 36 12.4 +0.6

LZH Lanzhou 48.45 336 eP P 16 36 22.8 -0.1

LZH Lanzhou 48.45 336 eP P 16 36 25.8 -1.6

LZH Lanzhou 48.45 336 eP P 16 36 35.0 +0.1

LZH Lanzhou 48.45 336 eP P 16 36 45.1 +0.9

LZH Lanzhou 48.45 336 eP P 16 36 12.4 +0.6

LZH Lanzhou 48.45 336 eP P 16 36 22.8 -0.1

LZH Lanzhou 48.45 336 eP P 16 36 25.8 -1.6

LZH Lanzhou 48.45 336 eP P 16 36 35.0 +0.1

LZH Lanzhou 48.45 336 eP P 16 36 45.1 +0.9

LZH Lanzhou 48.45 336 eP P 16 36 12.4 +0.6

LZH Lanzhou 48.45 336 eP P 16 36 22.8 -0.1

LZH Lanzhou 48.45 336 eP P 16 36 25.8 -1.6

LZH Lanzhou 48.45 336 eP P 16 36 35.0 +0.1

LZH Lanzhou 48.45 336 eP P 16 36 45.1 +0.9

LZH Lanzhou 48.45 336 eP P 16 36 12.4 +0.6

LZH Lanzhou 48.45 336 eP P 16 36 22.8 -0.1

LZH Lanzhou 48.45 336 eP P 16 36 25.8 -1.6

LZH Lanzhou 48.45 336 eP P 16 36 35.0 +0.1

LZH Lanzhou 48.45 336 eP P 16 36 45.1 +0.9

LZH Lanzhou 48.45 336 eP P 16 36 12.4 +0.6

19d 17h

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

Station coordinates and metadata: IDC 19 17:14:38.7, 0.3, 35.25N, 81.63E, h0km, mb3.6/11, mb1 3.7/16, mb1mx3.6/28, mbtmp3.6/16, ML3.3/5, MS3.4/3, Ms1 3.4/3, ms1mx2.8/39, Error ellipse: s-maj=28.4km, s-min=15.2km, az=56.0

Station coordinates and metadata: ISCJB 19 17:14:39.0, 0.3, 35.48N, 0.04, 81.78E, 0.10, h10km, mb3.6/16, Error ellipse: s-maj=12.3km, s-min=3.7km, az=154.6

Station coordinates and metadata: NEIC 19 17:14:40.3, 0.6, 35.24N, 81.59E, h10km, mb3.6/2, Error ellipse: s-maj=14.6km, s-min=8.4km, az=54.0

Station coordinates and metadata: MOS 19 17:14:42.2, 2.2, 35.38N, 81.46E, h33km, mb3.9/2, Error ellipse: s-maj=16.0km, s-min=7.7km, az=110.8

Station coordinates and metadata: BUJ 19 17:14:42.9, 35.55N, 81.46E, h11km, mb4.5/1, mb4.1/3, ML3.9/6, Ms3.7/1, Ms7.3/6

Station coordinates and metadata: NNC 19 17:14:49.0, 4.7, 36.19N, 81.27E, h0km, mb3.8, mpv4.1, Error ellipse: s-maj=52.2km, s-min=22.4km, az=130.0

Station coordinates and metadata: ISC 19 17:14:41.9, 0.3, 35.53N, 0.04, 81.87E, 0.09, h10km, n59, az=135/63, mb3.6/16, 3C-4D, Southern Xinjiang

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

2008 APR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KURK, VOSK, AB31, etc.

MAN 19 17:16:27.7, 19N, 123.56E, h20km, mb4.7, ML3.6, MS3.5, 1C-1D, Mindanao

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

IDC 19 17:23:24.9, 1.9, 8.05S, 125.89E, h0km, mb3.4/1, mb1 3.5/4, mb1mx3.4/17, mbtmp3.3/4, ML3.3/3, Error ellipse: s-maj=104.6km, s-min=27.8km, az=68.0, Timor 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.

ISCJB 19 17:24:37.5, 0.4, 20.26S, 0.04, 69.05W, 0.06, h106km, 4km, mb4.3/25, Error ellipse: s-maj=9.8km, s-min=6.4km, az=3.4

NEIC 19 17:24:38.1, 0.8, 20.32S, 69.08W, h106km, 8km, mb4.5/18, Error ellipse: s-maj=13.8km, s-min=8.0km, az=83.0

NEIC FUJ (I) at Camilla, Huara, Pica and Pozo Almonte. GUC 19 17:24:39.6, 0.9, 20.46S, 69.23W, h109km, 7km, ML4.6

IDC 19 17:24:39.4, 1.2, 20.26S, 68.91W, h114km, 12km, mb3.9/8, mb1 4.2/13, mb1mx4.1/20, mbtmp4.0/13, MS2.7/2, Ms1 2.9/2, ms1mx2.4/33, Error ellipse: s-maj=18.9km, s-min=11.0km, az=99.0

ISC 19 17:24:38.6, 0.4, 20.26S, 0.04, 68.99W, 0.05, h100km, 4km, n142, c091/149, mb4.3/25, 5C-50, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PB01, LVC, etc.

946

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

MJAR	Matsushiro Arr	14.82 234	Pn	Pn	18 20 39.3 -2.8
MDJ	Mudanjiang	16.56 273	P	P	18 21 06.1 +1.5
MDJ			pP	pP	18 21 13.8 -0.1
MDJ			sP	sP	18 21 19.1 +2.0
MDJ	comp=Z,13nm,1.2s		pmax	pmax	
MDJ	comp=Z,56nm,7.5s		LR	LR	
MDJ	comp=N,110nm,17.6s		LR	LR	
MDJ	comp=E,270nm,18.4s		LR	LR	
MDJ	comp=Z,350nm,16.1s		LR	LR	
MDJ	Mudanjiang	16.56 273	ePn	Pn	18 21 05.0 +0.4
SEY	Seymchan	16.64 359	eP	Pn	18 21 05.8 +0.3
ZEZ	Zeya	18.11 304	eP	AMB	18 21 22.0 -1.7
ZEZ			e	AMB	18 21 23.0
ZEZ	comp=Z,23nm,1.4s		AMB	AMB	18 21 27.0
CN2	Changchun	19.65 273	eP	Pn	18 21 37.3 -5.2
CN2			pmax	pmax	
CN2	comp=Z,200nm,4.0s		pmax	pmax	
CN2	comp=N,300nm,15.0s		LR	LR	
CN2	comp=E,300nm,15.0s		LR	LR	
CN2	comp=Z,300nm,17.0s		LR	LR	
CLNS	Chul'man	20.28 311	eP	P	18 21 49.0 +1.3
CLNS			e	S	18 22 05.4
CLNS			eS	S	18 25 33.7 0.0
CLNS			e	S	18 26 01.2
CLNS			eSS	S	18 26 19.6
CLNS	comp=Z,16nm,1.3s		pmax	pmax	
CLNS	comp=E,14nm,1.3s		pmax	pmax	
CLNS	comp=N,16nm,1.1s		pmax	pmax	
CLNS	comp=N,12nm,1.0s		pmax	pmax	
CLNS	comp=Z,11nm,1.0s		pmax	pmax	
CLNS	comp=E,9.0nm,0.9s		pmax	pmax	
CLNS	comp=E,76nm,12.6s		smax	smax	
CLNS	comp=N,33nm,12.8s		MLR	MLR	
CLNS	comp=N,413nm,15.0s,MS4.1		MLR	MLR	
CLNS	comp=E,406nm,15.0s,MS4.1		MLR	MLR	
CLNS	comp=Z,589nm,17.0s,MS4.0		MLR	MLR	
KSRS	Korea Array	20.66 254	P	P	18 21 53.0 +1.0
KSRS			pmax	pmax	
KSRS	comp=Z,4.0nm,0.8s		MLR	MLR	
KSRS	comp=Z,134nm,18.0s,MS3.4		P	P	18 21 53.0 +1.0
KSRS	comp=Z,4.2nm,0.8s,baz=59,slow=11,SNR=18		LR	LR	18 30 10.7
KSRS	comp=Z,134nm,18.0s,MS3.4,baz=60,slow=38		LR	LR	18 30 10.7
YAK	Yakutsk	20.66 328	eP	P	18 21 51.8 0.0
YAK			e'PP	P	18 21 58.9
YAK			e	S	18 22 08.1
YAK			eS	S	18 25 36.2 -5.0
YAK			eSSS	S	18 26 06.4
YAK			e	S	18 26 09.9
YAK			e	S	18 33 23.4
YAK	comp=Z,12nm,1.0s		pmax	pmax	
YAK	comp=N,6.0nm,1.1s		pmax	pmax	
YAK	comp=E,7.0nm,1.2s		pmax	pmax	
YAK	comp=Z,22nm,1.0s		pmax	pmax	
YAK	comp=N,49nm,1.4s		pmax	pmax	
YAK	comp=E,40nm,1.5s		pmax	pmax	
YAK	comp=N,33nm,2.2s		smax	smax	
YAK	comp=E,66nm,3.0s		MLR	MLR	
YAK	comp=Z,186nm,19.0s,MS3.5		MLR	MLR	
YAK	comp=N,122nm,17.0s,MS3.4		MLR	MLR	
YAK	comp=E,88nm,20.0s,MS3.4		MLR	MLR	
YAK	comp=E,25nm,0.6s		eP	P	18 21 51.6 -0.2
BILL	Bilbino	22.80 13	eP	P	18 22 14.6 0.0
BILL			pmax	pmax	
BILL	comp=Z,10.0nm,1.6s,mb4.0		MLR	MLR	
BILL	comp=Z,200nm,18.0s,MS3.6		eP	P	18 22 14.0 -0.6
BILL	comp=Z,9nm,0.9s,mb4.1		eP	P	18 22 43.5 -3.5
BOD	Bodaibo	26.24 310	eP	P	18 22 43.5 -3.5
BOD			pmax	pmax	
BOD	comp=Z,6.0nm,1.2s,mb4.0		P	P	18 22 54.3 -3.8
BOD	Beijing	27.46 270	P	S	18 27 58.5 +2.1
BOD			S	S	
BOD	comp=Z,9.0nm,0.8s,mb4.3		pmax	pmax	
BOD	comp=Z,110nm,3.6s		LR	LR	
BOD	comp=N,140nm,14.6s,MS4.0		LR	LR	
BOD	comp=E,320nm,18.5s,MS4.0		LR	LR	
BOD	comp=Z,210nm,19.4s,MS3.7		LR	LR	
TIXI	Tiksi	27.86 344	eP	P	18 23 01.4 0.0
TIXI			pmax	pmax	
TIXI	comp=Z,5.0nm,1.2s,mb4.0		MLR	MLR	
HHC	Hu-ho-hao-te	30.31 275	eP	P	18 23 25.3 +1.9
HHC			pP	pP	18 23 38.5 +7.6
HHC			sP	sP	18 23 43.9 +1.0
HHC			eP	eP	18 24 24.5 -7.4
HHC			PcP	PcP	18 26 27.0 +3.8
HHC			S	S	18 28 21.3 -0.5
HHC			sS	sS	18 28 40.3 +6.0
HHC			SS	SS	18 29 59.9 -3.1
HHC	comp=Z,16nm,0.6s,mb4.9		pmax	pmax	
HHC	comp=Z,90nm,5.5s		pmax	pmax	
HHC	comp=N,250nm,14.3s,MS4.1		LR	LR	
HHC	comp=E,200nm,15.5s,MS4.1		LR	LR	
HHC	comp=Z,290nm,17.8s,MS4.0		LR	LR	
ULN	Ulaanbaatar	31.02 290	eP	P	18 23 28.0 -1.6
ULN			pmax	pmax	
ULN	comp=Z,4.0nm,0.8s,mb4.3		eP	P	18 23 28.0 -1.7
ULN	Ulaanbaatar	31.02 290	eP	P	18 23 28.0 -1.7
ULN			pmax	pmax	
ULN	comp=Z,3.7nm,0.8s,mb4.3		LR	LR	18 37 15.0
SOMM	Songio Array	31.46 290	LR	LR	18 37 15.0
TLY	Talaya	32.36 298	eP	P	18 23 40.2 -1.1
TLY			pmax	pmax	
TLY	comp=Z,7.0nm,1.2s,mb4.4		MLR	MLR	
TLY	comp=Z,394nm,16.0s,MS4.2		MLR	MLR	
TLY	Talaya	32.36 298	eP	P	18 23 39.9 -1.4
ZAK	Zakamensk	32.84 296	eP	P	18 23 44.5 -1.1
ZAK			pmax	pmax	
ZAK	comp=Z,4.0nm,1.3s,mb4.2		P	P	18 23 57.7 -1.1
KDAK	Kodiak Island	34.38 50	P	P	18 23 57.7 -1.1
KDAK			pmax	pmax	
KDAK	comp=Z,6.3nm,0.8s,mb4.6,baz=260,slow=11,SNR=3.4		P	P	18 23 57.7 -1.1

COLD	Coldfoot	35.69 34	eP	P	18 24 06.9 -3.1
PMR	Palmer	35.91 44	P	P	18 24 11.8 -0.2
PMR			pmax	pmax	
PMR	comp=Z,7.0nm,1.0s,mb4.5		P	P	18 24 11.8 -0.2
MCK	McKinley	35.98 40	eP	P	18 24 13.0 +0.4
MCK			pmax	pmax	
MCK	comp=Z,15nm,1.1s,mb4.8		eP	P	18 24 12.9 +0.4
MCK	McKinley	35.98 40	eP	P	18 24 12.9 +0.4
MCK			pmax	pmax	
MCK	comp=Z,15nm,1.1s,mb4.8		eP	P	18 24 12.9 +0.4
COLA	College	36.47 38	eP	P	18 24 16.9 +0.1
COLA			pmax	pmax	
COLA	comp=Z,8.0nm,1.0s,mb4.6		eP	P	18 24 16.9 +0.1
COLA	College	36.47 38	eP	P	18 24 16.9 +0.1
COLA			pmax	pmax	
COLA	comp=Z,8.1nm,1.0s,mb4.6		eP	P	18 24 24.0 0.0
ENH	Enshi	37.28 260	eP	P	18 24 30.8 +1.7
LZH	Lanzhou	37.89 272	eP	P	18 24 39.5 +2.8
LZH			pP	pP	
LZH			pP	pP	
LZH			pmax	pmax	
LZH	comp=Z,47nm,1.2s,mb5.1		pmax	pmax	
LZH	comp=Z,120nm,4.7s		LR	LR	
LZH	comp=E,180nm,12.3s		LR	LR	
LZH	comp=Z,260nm,13.5s,MS4.2		LR	LR	
HVS	Khov-Aksy	38.53 299	iP	P	18 24 33.5 -0.9
GTA	Gaotai	39.34 38	eP	P	18 24 40.0 +1.4
GTA			PcP	PcP	18 26 49.3 +0.9
GTA			S	S	18 30 40.8 +4.8
GTA	comp=Z,12nm,1.6s,mb4.4		pmax	pmax	
GTA	comp=Z,87nm,5.6s		pmax	pmax	
GTA	comp=N,150nm,14.3s,MS4.0		LR	LR	
GTA	comp=E,110nm,15.2s,MS4.0		LR	LR	
GTA	comp=Z,200nm,14.9s,MS4.1		LR	LR	
EGAK	Eagle	39.34 38	eP	P	18 24 40.0 +1.4
EGAK			pmax	pmax	
EGAK	comp=Z,15nm,1.1s,mb4.6		eP	P	18 25 03.1 +0.2
INK	Inuvik	42.01 32	eP	P	18 25 03.1 +0.2
INK			e	P	18 26 40.8
INK			pmax	pmax	
INK	comp=Z,7.0nm,1.0s		pmax	pmax	
INK	Inuvik	42.01 32	eP	P	18 25 03.5 +0.5
INK			pmax	pmax	
INK	comp=Z,5.2nm,1.0s,mb4.1,baz=273,slow=8.2,SNR=14		P	P	18 25 03.1 +0.2
INK	Inuvik	42.01 32	eP	P	18 25 03.1 +0.2
INK			pmax	pmax	
INK	comp=Z,7.4nm,1.0s,mb4.3		ePP	PP	18 26 40.8 +0.7
INK	Zalesovo Array	42.84 306	eP	P	18 25 08.2 -1.7
ZALV	Zalesovo Beam	42.84 306	eP	P	18 25 07.8 -2.1
ZALV			PcP	PcP	18 27 00.2 -0.3
ZALV	Zalesovo Beam	42.84 306	eP	P	18 25 07.8 -2.1
ZALV			SNR=12	SNR=12	
ZALV	comp=Z,1.6nm,0.6s,mb3.9,baz=78,slow=6.0,SNR=12		PcP	PcP	18 27 00.2 -0.3
ZALV	comp=Z,3.2nm,1.0s,baz=29,slow=3.4,SNR=7.5		LR	LR	18 44 09.2
ZALV	comp=Z,274nm,18.7s,MS4.2,baz=78,slow=38		LR	LR	18 44 09.2
ZALV	Zalesovo Beam	42.84 306	eP	P	18 25 07.8 -2.1
ZALV			PcP	PcP	18 27 00.2 -0.3
ZALV			LR	LR	18 44 09.2
ZALV			LR	LR	18 44 09.2
ZALV	Novosibirsk	43.43 308	eP	P	18 25 12.1 -2.5
ZALV			pmax	pmax	
ZALV	comp=Z,8.0nm,1.5s,mb4.3		pmax	pmax	
NVS			pmax	pmax	
NVS	comp=N,4.0nm,1.6s		pmax	pmax	
NVS	comp=E,9.0nm,1.7s		pmax	pmax	
WMQ	Urumqi	45.06 292	eP	P	18 25 29.0 +1.2
WMQ			pP	pP	18 25 42.0 +6.4
WMQ			sP	sP	18 25 47.0 +8.3
WMQ			PP	PP	18 27 15.0 +1.3
WMQ			S	S	18 32 04.0 -1.1
WMQ			SS	SS	18 35 17.0 -1.0
WMQ			pmax	pmax	
WMQ	comp=Z,18nm,1.0s,mb4.9		LR	LR	
WMQ	comp=N,130nm,16.0s,MS4.0		LR	LR	
WMQ	comp=E,98nm,16.0s,MS4.0		LR	LR	
WMQ	comp=Z,140nm,16.0s,MS4.0		LR	LR	
WMQ	comp=Z,3.6nm,0.9s,mb4.3,baz=277,slow=8.5,SNR=6.3		LR	LR	
DLBC	Dease Lake	45.90 46	P	P	18 25 35.2 +1.0
DLBC			eP	P	18 25 33.8 -0.4
DLBC	Dease Lake	45.90 46	eP	P	18 25 33.8 -0.4
DLBC			eP	P	18 25 43.0 -1.0
DLBC	Makanchi Array	47.12 298	eP	P	18 26 40.9
DLBC			P	P	
DLBC	comp=Z,6.0nm,0.9s,mb4.5,baz=65,slow=8.6,SNR=31		LR	LR	18 46 40.9
MKAR			LR	LR	18 46 40.9
MKAR	comp=Z,323nm,18.3s,MS4.3,baz=9.6,slow=38		LR	LR	18 46 40.9
KURK	Kurchatov	47.58 304	eP	P	18 25 47.0 -0.5
KURK			pmax	pmax	
KURK	comp=Z,7.0nm,0.9s,mb4.7		MLR	MLR	
KURK	comp=Z,177nm,18.4s,MS4.1		MLR	MLR	
KURK	Kurchatov	47.58 304	eP	P	18 25 47.0 -0.5
KURK			pmax	pmax	
KURK	comp=Z,7.4nm,0.9s,mb4.7,baz=66,slow=8.2,SNR=17		LR	LR	18 46 54.0
KURK	comp=Z,177nm,18.4s,MS4.1,baz=75,slow=38		LR	LR	18 46 54.0
KURK	Kurchatov	47.58 304	eP	P	18 25 45.5 -2.1
KURK			pmax	pmax	
KURK	comp=Z,18nm,1.3s,mb4.9		P	P	18 26 10.1 +1.6
LSA	Lhasa	50.28 273	eP	P	18 26 10.1 +1.6
LSA			pmax	pmax	
LSA	comp=Z,4.0nm,0.6s,mb4.6		eP	P	18 26 10.1 +1.6
LSA	Lhasa	50.28 273	eP	P	18 26 10.1 +1.6
LSA			pmax	pmax	
LSA	comp=Z,4.0nm,0.6s,mb4.6		eP	P	18 26 10.1 +1.6
BVAR	Borovoye Array	51.11 310	P	P	18 26 13.6 -0.9
BVAR			P	P	
BVAR	comp=Z,1.1nm,0.4s,mb4.6,slow=8.8,SNR=16		P	P	18 26 13.6 -0.9
BRVK	Borovoye	51.15 310	eP	P	18 26 13.6 -0.9
BRVK			pmax	pmax	
BRVK	comp=Z,16nm,1.7s,mb4.7		eP	P	18 26 13.1 -1.6
BRVK	Borovoye	51.15 310	eP	P	18 26 13.1 -1.6
BRVK			pmax	pmax	
BRVK	comp=Z,3.6nm,0.8s,mb4.3				

19d 18h

Table with columns: STHS, PLCA, CPUP, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Stebnicka Huta, Kolonickie sedl, Bucovina Array, etc.

2008 APR

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

950

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

Table with columns: MKAR, Station Name, Time, Res, etc. Includes data for Makanchi Array and various other stations like Stephens Creek, Warramunga Arr, etc.

NEIC 19:18:50:42.0±0.9, 35.53N±81.79E, h10km, mb3.8/8, Error ellipse: s-maj=14.0km s-min=13.3km az=115.0

Main table listing station data for the NEIC array, including station names, coordinates, and seismic parameters.

ISCJCB 19:18:51:15.7±1.1, 8.02S±0.03x125.77E±0.05, h15km±8km, mb4.9/57, MS4.1/16, Error ellipse: s-maj=8.3km s-min=4.7km az=156.4

0 Moment tensor: Scale 10^16Nm; Mrr-1.19; 13; Mtt-1.62; 10; Mss-2.81; 15; Mss-1.68; 32; Mss-3.91; 11; Mrr-2.30; 41; Best double couple: Ms5.41600x10^16

ISC 19:18:51:17.3±0.7, 7.72S; 125.65E, h0km, mb4.6/15, mbl 4.7/17, mb1mx4.6/23, mbtmp4.7/17, ML5.0/2, MS4.2/12, Ms4.2/12, ms17x3.9/24 Error ellipse: s-maj=24.0km s-min=15.1km az=51.0

MOS 19:18:51:17.7±0.9, 7.94S; 125.82E, h28km, mb5.0/22, Error ellipse: s-maj=19.2km s-min=7.9km az=106.1

Main table listing station data for the MOS array, including station names, coordinates, and seismic parameters.

Main table listing station data for the MAJO array, including station names, coordinates, and seismic parameters.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like TKM2 Tokmak 2, KBL Kabul, UCH Uchtor, etc.

BUI 19 18:57:19.8, 2.04N, 94.52E, h31km, mB5, 1/9, mb4.9/20, Ms4.7/4, Ms7.4/3
IDC 19 18:57:21.0, 0.6, 2.60N, 94.55E, h0km, mb4.3/19, mb1.4/21, mb1mx4.3/29, mb1mx4.3/21, ML3.8/2, MS3.8/1, Ms1.3/8/1, ms1mx2.8/39, Error ellipse: s-maj=22.6km s-min=13.6km az=43.0

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like BSI Banda Aceh, GSI Gunungsitoli, LHM1 Lhok Sumawe, 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 KSM Kuching, CMAR Chiang Mai Arr, CHTO Chiang Mai, 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 HIA Hailar, ZAAO Zalesovo Array, ZAAO Zalesovo Beam, 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 CASG Malin Array B, CASG Malin Array Be, SEY Seymchan, etc.

20d 1h

Table with columns: Station, Time, Res, Pn, Sn, S, X, Y, Z, etc. Lists various stations like MLSS, AYDN, DAT, etc.

20d 1h

Table with columns: Station, Time, Res, Pn, Sn, S, X, Y, Z, etc. Lists various stations like TIRR, TIRR, ASF, etc.

20d 1h

Table with columns: Station, Time, Res, Pn, Sn, S, X, Y, Z, etc. Lists various stations like ENH, ENH, NDI, etc.

20d 1h

Table with columns: Station, Time, Res, Pn, Sn, S, X, Y, Z, etc. Lists various stations like SMLA, SMLA, AJJM, etc.

20d 1h

Table with columns: Station, Time, Res, Pn, Sn, S, X, Y, Z, etc. Lists various stations like AAK, AAK, MKAR, etc.

DJA 20:00:24:15, 3.48N-95.77E, h30km, MLV3.6/4, Off west coast of northern Sumatra, Indonesia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like BSI, BSI, LHM1, etc.

ISCJB 20:00:30:04.2, 0.6, 23.81N, 0.05:93.99E, 0.04, h92km, 5km, mb4, 1/34, Error ellipse: s-maj=8.0km s-min=5.5km

BUJ 20:00:04:06, 27.4:02N, 94.22E, h60km, mb4, 9/4, mb4, 1/13, ML4, 2/3
IDC 20:00:00:04, 27.0:0.5, 23.95N, 94.49E, h99km, 4km, mb3, 7/24, mb1 3.8/25, mb1mx3.7/32, mbtmp3.7/25, Error ellipse: s-maj=16.2km s-min=9.4km az=54.0
NEIC 20:00:00:07, 1.0:0.8, 23.94N, 94.48E, h99km, 8km, mb4, 3/11, Error ellipse: s-maj=9.6km s-min=5.7km az=58.0
ISC 20:00:05:07, 0.5, 23.81N, 0.05:93.98E, 0.04, h88km, 5km, h97km, 1.6km, pP-P, n77, 1/143/87, mb4, 1/34, 2C, Myanmar-India border region

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

ISCJB 20:01:06:42, 4.3, 4, 7.9S, 0.1:1.25, 81E, 0.08, h161km, 27km, mb4, 0/9, MS3, 1/2, Error ellipse: s-maj=20.8km s-min=6.9km az=36.7

IDC 20:01:06:42, 6.1, 0.7, 7.9S, 125:87E, h0km, mb4, 1/6, mb1 4.2/10, mb1mx4.1/18, mbtmp4.1/10, ML3.9/4, MS3, 2/3, MS1=17.8km s-maj=20.8km s-min=6.0km az=60.0
NEIC 20:01:06:43, 8.0, 4, 7.86S, 125:84E, h10km, mb4, 4/4, Error ellipse: s-maj=16.1km s-min=6.1km az=57.0
ISC 20:01:06:46, 5.2, 8, 7.99S, 0.05:102:77E, 0.07, h30km, 21km, n22, 0:93/26, mb4, 0/9, MS3, 1/2, 1C, Banda Sea

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

ISCJB 20:01:06:42, 4.3, 4, 7.9S, 0.1:1.25, 81E, 0.08, h161km, 27km, mb4, 0/9, MS3, 1/2, Error ellipse: s-maj=20.8km s-min=6.9km az=36.7

IDC 20:01:06:42, 6.1, 0.7, 7.9S, 125:87E, h0km, mb4, 1/6, mb1 4.2/10, mb1mx4.1/18, mbtmp4.1/10, ML3.9/4, MS3, 2/3, MS1=17.8km s-maj=20.8km s-min=6.0km az=60.0
NEIC 20:01:06:43, 8.0, 4, 7.86S, 125:84E, h10km, mb4, 4/4, Error ellipse: s-maj=16.1km s-min=6.1km az=57.0
ISC 20:01:06:46, 5.2, 8, 7.99S, 0.05:102:77E, 0.07, h30km, 21km, n22, 0:93/26, mb4, 0/9, MS3, 1/2, 1C, Banda Sea

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

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

ISCJB 201:26:58.3.3.5, 8.08S:0.09x125.6E:0.1, h17km, 27km, mb3.5/2, Error ellipse: s-maj=21.9km s-min=7.9km

IDC 201:26:58.0.1.7, 8.00S:125.56E:h0km, mb3.5/2, mb1 3.8/5, mb1mx3.6/16, mbtmp3.6/5, ML3.5/3, MS3.5/1, Ms1 3.5/1, ms1mx2.4/20, Error ellipse: s-maj=72.4km s-min=27.0km az=47.0

NEIC 201:26:59.0.1.0, 7.86S:125.79E, h10km, Error ellipse: s-maj=35.9km s-min=11.7km az=54.0

ISC 201:27:01.7.3.6, 8.02S:110.08E:0.1, h30km, 29km, n9, s129/14, mb3.5/2, Timor region

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

ISCJB 201:30:24.6.0.6, 54.21N:0.07x161.5W:0.1, h10km, mb3.8/15, Error ellipse: s-maj=12.3km s-min=6.7km

IDC 201:30:25.7.1.5, 54.52N:161.63W, h0km, mb3.8/13, mb1 3.9/16, mb1mx3.8/28, mbtmp3.8/16, ML3.5/3, Error ellipse: s-maj=41.5km s-min=15.8km az=167.0

NEIC 201:30:29.54.47N:161.46W, h7km, mb3.8/3, ML3.7(AEIC), After AEIC

ISC 201:30:27.0.0.6, 54.29N:0.07x161.5W:0.1, h10km, n42, s132/48, mb3.8/15, Alaska Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SDPT Sand Point, UNALASKA Valle, OHAK Old Harbor, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AKASG Malin Array B, GERES GERES Array B, CMAR Chiang Mai Arr, etc.

ISCJB 201:34:16.8.0.5, 37.01N:0.02x29.20E:0.02, h3km, 4km, Error ellipse: s-maj=3.9km s-min=3.0km az=144.3

CSEM 201:34:16.8.0.1, 36.39N:29.20E, h5km, MD3.2, Error ellipse: s-maj=1.9km s-min=1.4km az=148.0

ISK 201:34:16.1.36.99N:29.20E, h6km, MD3.2, DDA 201:34:17.1.37.01N:29.20E, h2km, 2km, MD3.2

ISC 201:34:17.5.0.4, 37.00N:0.02x29.22E:0.02, h6km, 3km, n97, s097/123, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GLHS Gihisar (BURDU), GLHS Gihisar (BURDU), GOLH Golhisar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like az=24.8, IDC 201:39:17.2.0.7, etc.

NEIC 201:39:17.3.0.6, 31.84N:131.167E, mb3.9/2, Error ellipse: s-maj=15.7km s-min=11.8km az=116.0

NEIC Recorded (1 JMA) in Miyazaki, ISC 201:39:18.1.0.8, 31.76N:0.05x131.76E:0.08, h43km, 7km, h33km, 3.9km, pp-P, n26, s096/30, mb3.7/12, 4C-2D,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like YKUSU, JNAR Kushima-Naru, JNAR Tsuno, etc.

MAN 201:46:47.7.11N:125.73E, h33km, mb4.3, ML3.1, MS2.9, 1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MATI Mati, KCP Kidapawan, BUKP Musuan, etc.

ISCJB 202:05:43.8.0.8, 37.02N:0.04x29.10E:0.06, h10km, Error ellipse: s-maj=7.4km s-min=5.1km az=39.4

CSEM 202:05:43.7.0.3, 37.04N:29.07E, h2km, MD2.8, Error ellipse: s-maj=6.1km s-min=5.0km az=130.0

ISK 202:05:43.9, 37.00N:29.14E, h8km, MD2.8, ISC 202:05:44.1.0.8, 37.03N:0.04x29.09E:0.06, h10km, n12, s097/49, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GLHS Gihisar (BURDU), GLHS Gihisar (BURDU), FETHI Fethiye, etc.

MAN 202:05:50.15.06N:119.99E, h32km, mb4.2, ML3.0, MS2.7, 1D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SCZP Santa Cruz, PCPH Palayan, PCPH Bolinao, etc.

BUI 202:07:22.2.7.90S:125.70E, h10km, mb4.7/2, mb4.6/4, ISCJB 202:07:23.4.7.7, 9.77S:125.69E, h30km, 49km, mb4.2/13, mb4.7/34, MS3.6/7, Error ellipse: s-maj=9.6km s-min=5.8km az=152.9

NEIC 202:07:24.0.3.7, 89S:125.70E, h10km, mb4.6/10, Error ellipse: s-maj=11.3km s-min=6.2km az=57.0

IDC 202:07:27.4.6.7, 87S:125.69E, h30km, 49km, mb4.2/13, mb1 4.3/15, mb1mx4.2/20, mbtmp3.4/15, ML4.4/2, MS3.6/7, Ms1 3.9/5, ms1mx3.3/23, Error ellipse: s-maj=23.4km s-min=14.0km az=102.2

DJA 202:07:30.7.87S:125.46E, h2km, mb4.6/10, ISC 202:07:26.0.1.9, 7.95S:104.125.71E:0.05, h22km, 14km, n70, s094/75, mb4.7/34, MS3.6/7, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NLAI Namlea, AAI Ambon

20d 3h

Table with columns: KDI, WSI, KAPI, KAPPI, LUWI, TTSI, APSI, KAKA, KAKA, KAKA, KAKA, SWI, MRSI, FITZ, FITZ, FITZ, FITZ, NBBI, MBWA, WRAB, WRAB, WRA, ASAR, COEN, FORT, CTA, CTA, CTA, NWAO, NWAO, NWAO, STKA, STKA, PSI, PSI, TOO, CMAR, CMAR, CMAR, KSRS, KSRS, MJAR, LZH, LZH, LZH, LZH, ODAN, TAPN, RAMM, JIRN, GUN, PKI, KKN, GTA, GTA, GTA, GKN, KOLN, DANN, PYUN, ULN, SONM, CASY, PETK, MK31, MK31, MKAR, UCH, AAK, EKSZ, ZAAO, ZAAO, KURK, KURK, BVAR, BRTR, TOAD, TORD, CPUP

2008 APR

MOS 20 02:08:52.4.2.2.51'22N-91'83E, h10km, mb3.6/1, 3D, Error ellipse: s-maj=56.4km s-min=36.6km az=63.1, Southwestern Siberia

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

ISK 20 03:11:06.4.36'96N-29'21E, h5km, MD2.8 CSEM 20 03:11:07.0.3.36'97N-29'26E, h15km, MD2.8, Error ellipse: s-maj=8.3km s-min=6.1km az=148.0, ISCJB 20 03:11:08.1.0.7.36'92N-0'03-29'26E-0.05, h15km, 11km, Error ellipse: s-maj=7.5km s-min=5.2km az=30.4, DDA 20 03:11:08.5.37'05N-29'26E, h7km, 4km, MD2.7, ISC 20 03:11:08.4.0.8.36'92N-0'04-29'27E-0.05, h16km, 9km, n16, c117/30, Turkey

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

IDC 20 03:32:14.8.0.6.12'82N-124'97E, h0km, mb4.2/15, Mb1 4.3/16, mb1mx4.2/24, mbmp4.2/16, ML4.0/1, M33.4/9, Ms1 3.5/9, ms1mx3.2/38, Error ellipse: s-maj=27.1km s-min=12.4km az=73.0, BUJ 20 03:32:16.6.12'69N-124'19E, h22km, mb4.5/4, mb4.4/8, NEIC 20 03:32:22.6.4.4.12'77N-125'03E, h60km-41km, mb4.5/15, Error ellipse: s-maj=19.8km s-min=9.7km az=62.0, MAN 20 03:32:22.7.12'78N-125'00E, h18km, mb5.4, ML4.4, MS4.6, ISCJB 20 03:32:23.0.9.12'79N-0'05-125'08E-0.08, h85km, 7km, mb4.5/41, Error ellipse: s-maj=13.8km s-min=5.5km az=154.7, DJA 20 03:32:28.13'14N-124'56E, h68km, mb4.4/7, ISC 20 03:32:31.0.9.12'87N-0'05-125'18E-0.08, h68km, 8km, n90, c1118/89, mb4.5/41, 3C-3D, Samar

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

960

Table with columns: MBWA, GTA, ASAR, ASAR, TAPN, ODAN, ULN, SONM, RAMM, JIRN, GUN, PKI, KKN, GKN, DANN, KOLN, PYUN, FORT, FORT, NWAO, STKA, STKA, MKAR, ZAAO, ZAAO, UCH, AAK, AML, EKSZ, KURK, KURK, KBL, BRVK, ABKAR, ARU, GNI, MCK, ARCES, ARCES, ARCES, FINES, FINES, YKA, PLCA

NEIC 20 03:33:18.3.45'28S-166'64E, h12km, ML3.8(WEL), After WEL

WEL 20 03:33:17.9.0.2.45'25S-166'64E, h12km, ML3.8/14, 3D, Error ellipse: s-maj=1.9km s-min=1.3km az=90.0, Off FINES Coast of South Island

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SNJE, RBDL, TP2, BOQS, SNET, SNET, APG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like 221A, 220A, 121A, WCI, 219A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AML, EKS2, EKS2, ABKAR, etc.

ISCJB 20 05:03:40.5, 3.9, 66N, 0.02, 29.43E, 0.03, h0km, Error ellipse: s-maj=3.2km s-min=2.9km az=136.1

CSEM 20 05:03:40.4, 0.1, 39.65N, 29.43E, h1km, MD3.1, Error ellipse: s-maj=3.3km s-min=3.1km az=116.0

ISK 20 05:03:40.2, 39.63N, 29.42E, h8km, MD2.9 DDA 20 05:03:40.2, 39.66N, 29.41E, h7km, 6km, MD3.1

ISC 20 05:03:40.8, 3.9, 66N, 0.02, 29.44E, 0.03, h0km, az=118.1 Error ellipse: s-maj=3.3km s-min=3.1km az=118.1

Code Station Name Az Az' Phase ID Time Res. Includes ULDT, ULDT, ULDT, etc.

Code Station Name Az Az' Phase ID Time Res. Includes ULDT, ULDT, ULDT, etc.

Code Station Name Az Az' Phase ID Time Res. Includes ULDT, ULDT, ULDT, etc.

Code Station Name Az Az' Phase ID Time Res. Includes ULDT, ULDT, ULDT, etc.

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Code Station Name Az Az' Phase ID Time Res. Includes ULDT, ULDT, ULDT, etc.

Code Station Name Az Az' Phase ID Time Res. Includes ULDT, ULDT, ULDT, etc.

Code Station Name Az Az' Phase ID Time Res. Includes ULDT, ULDT, ULDT, etc.

comp=Z,12nm,1.0s,mb4.5					
TLY Talaya	42.34 340	P	P	05 33 29.3	+1.2
SNR=8.5					
IRK SNR=8.5		P		05 33 29.3	
IRK Irkutsk	42.62 341	eP	P	05 33 29.5	-0.8
comp=Z,22nm,3.4s					
MOY Monday	43.25 338	eP	P	05 33 36.0	+0.6
comp=Z,33nm,2.2s,mb4.7					
FORT Forrest	43.60 176	eP	P	05 33 37.1	-1.4
comp=Z,157nm,0.6s,mb5.9					
FORT Forrest	43.60 176	eP	P	05 33 37.2	-1.2
comp=Z,172nm,0.7s,mb5.9					
CLNS Chul'man	43.76 360	eP	P	05 33 43.8	+4.4
CLNS		e		05 35 25.3	
CLNS		e		05 35 28.6	
CLNS		eS	S	05 39 59.7	-7.7
CLNS		eSS	SS	05 44 17.2	+5.3
comp=N,19nm,1.3s					
CLNS			pmx	pmx	
comp=Z,17nm,1.4s,mb4.6					
CLNS			pmx	pmx	
comp=E,12nm,1.0s					
CLNS			pmx	pmx	
comp=Z,3.0nm,0.8s,mb4.1					
CLNS			pmx	pmx	
comp=E,3.0nm,1.0s					
CLNS			pmx	pmx	
comp=N,5.0nm,1.1s					
CLNS			smax		
comp=E,64nm,13.4s					
CLNS			smax		
comp=N,108nm,11.6s					
MDRS Chennai	43.77 275	ex	x	05 33 11.2	
MDRS		ex	x	05 33 08.2	
WMQ Urumqi	44.47 321	P	P	05 33 47.0	+1.7
WMQ		pP	pP	05 33 57.0	+1.5
WMQ		sP	sP	05 34 01.0	+1.3
WMQ		ScP	ScP	05 35 32.0	+2.6
WMQ		s	s	05 39 59.7	+0.3
WMQ		SS	SS	05 40 19.0	+0.9
WMQ		SS	SS	05 43 30.0	-8.1
comp=Z,41nm,1.0s,mb5.1					
WMQ			pmx	pmx	
comp=Z,98nm,4.0s					
WMQ			LR	LR	
comp=N,550nm,15.0s,MS4.8					
WMQ			LR	LR	
comp=E,610nm,15.0s,MS4.8					
WMQ			LR	LR	
comp=Z,520nm,15.0s,MS4.6					
NGP Nagpur	44.75 287	ex	P	05 33 44.2	-3.7
NGP		Amb	AMB	05 33 46.2	
comp=Z,82nm,1.7s,mb5.3					
HYB Hyderabad	45.17 282	iP	P	05 33 50.0	-1.3
HYB Hyderabad	45.17 282	eP	P	05 33 50.0	-1.3
MUN Mundaring	45.54 191	eP	P	05 33 51.7	-2.2
BOD Bodaibo	45.54 352	eP	P	05 33 53.7	0.0
BOD			pmx	pmx	
comp=Z,9.0nm,1.7s,mb4.4					
HVS Khovu-Aksy	45.82 333c	iP	P	05 33 57.1	+1.2
NWAO Narogu (SRO)	46.29 189	P	P	05 33 57.1	-2.8
comp=Z,395nm,18.9s,MS4.4,baz=111,slow=36					
NWAO			LR	LR	05 53 12.6
BHPL Bhopal	46.38 290	eP	P	05 33 58.4	-2.4
NDI New Delhi	47.18 297	ex	P	05 34 04.0	-3.0
STKA Stephens Creek	47.29 161	eP	P	05 34 07.9	+0.2
comp=Z,12nm,1.1s,mb4.8					
STKA Stephens Creek	47.29 161	P	P	05 34 07.9	+0.2
PETK Petropavlovsk-	47.63 26	P	P	05 34 11.6	+1.5
comp=Z,6.1nm,0.8s,mb4.6,baz=328,slow=7.1,SNR=14					
PETK			LR	LR	05 54 47.5
comp=Z,321nm,18.7s,MS4.3,baz=45,slow=37					
SMLA Simla	47.65 300	ex	P	05 34 06.3	-4.4
PET Petropavlovsk	47.98 27	ex	sP	05 34 33.2	+6.0
PET		eS	sS	05 41 28.3	+3.1
comp=Z,100nm,15.1s					
PET			MLR	MLR	
comp=Z,200nm,18.0s,MS4.1					
YAK Yakutsk	49.07	3	eP	05 34 21.0	0.0
YAK		e'PP	pP	05 34 32.0	+0.7
YAK		e		05 35 49.7	
YAK		eS	S	05 36 14.2	
YAK		eSS	SS	05 41 16.0	-7.4
YAK		eSS	SS	05 44 53.8	-0.8
comp=Z,24nm,1.4s,mb5.0					
YAK			pmx	pmx	
comp=N,14nm,1.2s					
YAK			pmx	pmx	
comp=E,3.0nm,1.3s					
YAK			pmx	pmx	
comp=Z,11nm,0.9s,mb4.9					
YAK			smax		
comp=E,103nm,13.4s					
YAK			smax		
comp=Z,277nm,19.0s,MS4.3					
YAK			MLR	MLR	
comp=N,290nm,18.0s,MS4.4					
YAK			MLR	MLR	
comp=E,245nm,20.0s,MS4.4					
AJM Ajmer	49.17 294	eP	P	05 34 20.8	-1.6
AJM		i x	x	05 34 31.6	
MKAR Makanchi Array	49.26 322	P	P	05 34 23.2	+0.5
comp=Z,43nm,1.0s,mb5.5,baz=116,slow=7.5,SNR=166					
MKAR		ScP	ScP	05 39 39.0	+0.8
comp=E,2.4nm,1.1s,baz=127,slow=3.2,SNR=4.2					
MKAR		LR	LR	05 55 36.5	
comp=E,264nm,19.6s,MS4.2,baz=152,slow=36					
KAD Karad	49.34 282	eP	P	05 34 23.4	-0.4
KAD		Amb	AMB	05 34 24.2	
comp=Z,41nm,0.9s,mb5.4					
POO Poona	49.62 283	eP	P	05 34 24.0	-1.9
POO		Amb	AMB	05 34 24.7	
POO				05 34 26.4	
comp=Z,65nm,1.4s,mb5.5					
KSH Kashi	50.67 311	P	P	05 34 35.6	+2.0
KSH		pP	pP	05 34 45.5	+1.5
KSH		sP	sP	05 34 49.8	+1.7
KSH		ScP	ScP	05 35 53.4	+2.7
KSH		PP	PP	05 36 32.9	+3.0
KSH		ScP	ScP	05 39 45.3	+0.9
KSH		S	S	05 41 46.4	-0.1
KSH		sS	sS	05 42 03.1	-0.4
KSH		ScS	ScS	05 44 21.3	-0.7
KSH		SS	SS	05 45 18.4	-2.7
comp=N,350nm,5.5s					
KSH			LR	LR	
comp=E,350nm,4.9s					
KSH			LR	LR	
ULHL Ulahol	51.34 314	P	P	05 34 39.5	+0.9
SNR=24					
ZAAO Zalesovo Array	51.76 331	eP	P	05 34 41.1	-0.4
ZALV Zalesovo Beam	51.76 331	P	P	05 34 41.4	-0.2
comp=Z,24nm,1.0s,mb5.1,baz=114,slow=6.6,SNR=65					
ZALV		ScP	ScP	05 39 49.4	+0.6
comp=Z,0.4nm,0.5s,baz=90,slow=3.0,SNR=3.9					
ZALV		LR	LR	05 57 35.9	
comp=Z,154nm,21.7s,MS4.0,baz=257,slow=37					
KZA Kyzart	51.99 314	P	P	05 34 44.9	+1.4
SNR=35					
KBK Karagaybulak	52.38 314	P	P	05 34 47.6	+1.3
SNR=6.5					
UCH Uchtag	52.55 314	P	P	05 34 49.2	+1.5
SNR=54					
UCH Uchtag	52.55 314	eP	P	05 34 49.1	+1.4
comp=Z,47nm,1.0s,mb4.3					
CHMS Chumysh	52.63 315	P	P	05 34 48.9	+0.7
SNR=7.4					
FRU Bishkek	52.67 314	eP	P	05 34 48.0	-0.5
AAK Ala-Archa	52.69 314	eP	P	05 34 49.8	+1.2
SNR=9					
AAK Ala-Archa	52.69 314	eP	P	05 34 49.5	+0.8
comp=Z,33nm,1.6s,mb5.0					
AAK			pmx	pmx	

AAK Ala-Archa	52.69 314	P	P	05 34 49.8	+1.1	
comp=Z,2.6nm,0.8s,mb4.2,baz=184,slow=21,SNR=8.1						
AAK		LR	LR	05 59 13.4		
comp=Z,505nm,18.6s,MS4.6,baz=268,slow=38						
AAK Ala-Archa	52.69 314	eP	P	05 34 49.5	+0.9	
comp=Z,33nm,1.6s,mb5.0						
NVS Novosibirsk	53.04 331	iP	P	05 34 50.4	-0.6	
NVS		eS	S	05 42 17.0	-1.4	
comp=N,37nm,1.3s						
NVS			pmx	pmx		
comp=E,38nm,1.3s						
NVS			pmx	pmx		
comp=Z,56nm,1.3s,mb5.3						
NVS			smax			
comp=N,43nm,2.3s						
NVS			smax			
comp=E,44nm,2.3s						
AML Almayashu	53.10 313	P	P	05 34 52.7	+1.0	
SNR=30						
AML Almayashu	53.10 313	eP	P	05 34 52.5	+0.8	
comp=Z,30nm,1.0s,mb5.2						
AML			eP	pP	05 35 03.3	+1.2
EKS2 Erkin-Say	53.21 314	P	P	05 34 53.3	+0.8	
SNR=11						
EKS2 Erkin-Say	53.21 314	eP	P	05 34 53.1	+0.6	
comp=Z,18nm,1.0s,mb5.0						
EKS2			eP	pP	05 35 01.0	-1.8
CNB Canberra Magne	53.21 355	eP	P	05 34 53.5	+1.0	
KURK Kurchatov	53.26 325	P	P	05 34 53.6	+0.9	
comp=E,655nm,1.2s						
KURK Kurchatov	53.26 325	eP	P	05 34 53.0	+0.3	
comp=Z,169nm,1.3s,mb5.8						
KURK Kurchatov	53.26 325	P	pmx	pmx		
comp=Z,56nm,0.9s,mb5.5,baz=120,slow=8.3,SNR=139						
KURK			LR	LR	05 58 37.8	
comp=Z,287nm,18.9s,MS4.3,baz=130,slow=37						
KURK Kurchatov	53.26 325	P	P	05 34 52.5	-0.2	
comp=Z,116nm,1.0s,mb5.8						
KURK Kurchatov	53.26 325	P	P	05 34 53.5	+0.8	
SNR=45						
KURK				05 34 53.5		
DZM Mont Dzumac	53.37 100	eS	S	05 42 26.5	+2.7	
comp=Z,11um,29.0s						
DZM			eLR	LR	05 50 28.1	
comp=Z,450nm,25.1s						
SEY Seymchan	53.46 150	eP	P	05 34 55.6	+1.6	
TOO Toolangi	53.78 160	eP	P	05 34 57.4	+0.8	
TIXI Tiksi	56.77 1	eP	S	05 35 51.9	+0.8	
TIXI		eS	S	05 43 32.0	-0.9	
TIXI		e		05 45 11.4		
comp=Z,24nm,1.6s,mb5.0						
TIXI Tiksi	56.77 1	eP	P	05 35 31.2	+0.1	
comp=Z,11nm,0.9s,mb4.9						
BVAR Borovoye Array	58.86 325	P	P	05 35 33.2	+0.5	
comp=Z,19nm,1.0s,mb5.1,baz=111,slow=8.1,SNR=57						
BVAR		ScP	ScP	05 40 19.9	-0.1	
comp=Z,0.5nm,0.6s,baz=134,slow=8.5,SNR=3.7						
BVAR		LR	LR	06 01 59.4		
comp=Z,363nm,19.7s,MS4.5,baz=137,slow=37						
BRVK Borovoye	58.93 325	P	P	05 35 33.9	+0.7	
comp=Z,219nm,1.0s,mb5.1,SNR=24						
BRVK Borovoye	58.93 325	P	pmx	pmx	05 35 33.5	+0.3
comp=Z,51nm,1.1s,mb5.5						
BRVK Borovoye	58.93 325	eP	P	05 35 33.5	+0.3	
comp=Z,50nm,1.1s,mb5.1						
BRVK Borovoye	58.93 325	P	P	05 35 33.8	+0.6	
SNR=21						
BRVK				05 35 33.8		
SNR=21						
BILL Bilibino	61.09 161	eP	P	05 35 49.8	+2.1	
BILL			pmx	pmx		
comp=Z,6.0nm,0.9s,mb4.7						
BILL			MLR	MLR		
comp=Z,200nm,16.0s,MS4.4						
BILL Bilibino	61.09 161	eP	P	05 35 49.3	+1.6	
comp=Z,1.5nm,0.5s,mb4.4						
AKAR Akbulak array	64.16 319	eP	P	05 36 08.1	-0.5	
comp=Z,22nm,1.1s,mb5.1						
HOQ Hovd	64.84 290	iP	P	05 36 12.4	-1.1	
SNR=17						
SVE Sverdlovsk	65.38 327l	eP	P	05 36 16.7	+0.3	
SVE		eS	S	05 44 49.1	-9.0	
SVE		eSS	SS	05 49 05.5	-6.0	
SVE		eSSS	SSS	05 52 03.0		
comp=Z,39nm,1.2s,mb5.3						
ARU Arti	66.41 326	P	P	05 36 22.3	-0.7	
comp=Z,91nm,1.2s,mb5.7,SNR=5.2						
ARU Arti	66.41 326	eP	P	05 36 22.1	-0.9	
comp						

20d 5h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like ZST Bratislava, OHR Panksa Ves, and various PRU and CLL stations.

ISCJB 20 05:36:11.0.0.0.6.24.20S:0.04:66:86W:0.05,h174km,5km,mb4.5/83,Error ellipse: s-maj=8.5km s-min=5.6km az=156.7

NEIC 20 05:36:11.0.0.0.2.24.20S:66:86W,mb4.6/67,Error ellipse: s-maj=7.5km s-min=4.5km az=72.0

BUI 20 05:36:11.8.24.20S:66:90W,h161km,mb5.0/3

IDC 20 05:36:12.3.0.0.8.24.16S:66:94W,h174km,7km,mb4.2/17,mb1.4/22,mb1mx4.2/24,mbtmp4.1/22,Error ellipse: s-maj=12.8km s-min=9.1km az=56.0

ISC 20 05:36:11.9.0.0.6.24.20S:0.04:66:83W:0.05,h168km,5km,h160km,2.9km;pP,n5398,0572/372,mb4.5/83,15C-100D,Saita Province

Main table with columns: Code, Station Name, Az, AzP, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists numerous stations including Limon Verde, Las Campanas, and many others.

2008 APR

Main table with columns: Station Name, Frequency, Power, and other technical details. Lists stations like 427A Hayer Ranch, SIUC Southern Hill, 426A McDonald Obser, etc.

966

Main table with columns: Station Name, Frequency, Power, and other technical details. Lists stations like Q22A Crested Butte, U16A Tuba City, ISCO Idaho Springs, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like O11A Cowboy Ranch, LOHW Long Hollow, TPWAW Teton Park, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BMO Blue Mountains, H09A Durkee, F11A Graeville, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KSRS Korea Array, HHC Hu-ho-hao-2e, HHC Hu-ho-hao-3e, etc.

IDC 20 05:44:11.8z.1.1, 12:90N:125:12E, h0km, mb3.9/7, mb1 4.0/7, mb1mx3.7/21, mbtmsp3.9/7, MS3.8/1, Ms1 3.8/1, ms1mx3.0/31, Error ellipse: s-maj=65.4km s-min=17.5km

ISCJB 20 05:44:14.2z.1.6, 13:06N:106:125:48E:0:10, h35km, 14km, mb4.0/10, Error ellipse: s-maj=16.7km s-min=7.7km az=156.8

NEIC 20 05:44:23.6z.3.0, 12:73N:124:191E, h98km, 24km, mb4.1/3, Error ellipse: s-maj=44.8km s-min=9.1km az=63.0

ISC 20 05:44:18.2z.1.9, 12:96N:100:8:125:4E:0:1, h53km, 16km, n27, z1917/30, mb4.0/10, 1C-4D, Samar

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like CNP Catarman, PVCP Virac, MPMH Masbate, etc.

IDC 20 05:58:04.6z.2.3, 46:95N:155:74E, h0km, mb3.8/5, mb1 3.9/6, mb1mx3.5/27, mbtmsp3.6/ML3.3/1, Error ellipse: s-maj=58.7km s-min=28.8km az=0

MOS 20 05:58:09.4z.0.8, 47:26N:155:73E, h33km, mb4.1/5, Error ellipse: s-maj=61.3km s-min=26.9km az=88.3

ISC 20 05:58:11.2z.1.7, 47:2N:102:155:8E:0:3, h35km, n12, o065/12, mb3.5/5, East of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like PETK Petropavlovsk, INK Inuvik, KURK Kurchatov, etc.

IDC 20 06:07:24.8z.1.7, 12:69N:124:159E, h0km, mb3.8/5, mb1 3.9/5, mb1mx3.6/22, mbtmsp3.9/5, Error ellipse: s-maj=75.8km s-min=26.0km az=64.0

ISCJB 20 06:07:30.4z.1.1, 12:8N:0:1:124:7E:0:1, h63km, 6km, mb3.8/5, Error ellipse: s-maj=28.2km s-min=10.2km az=147.3

ISC 20 06:07:31.5z.1.1, 12:8N:0:1:124:7E:0:2, h55km, 8km, n9, o090/12, mb3.8/5, 1C-1D, Samar

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like CNP Catarman, PVCP Virac, RCP Roxas, etc.

IDC 20 06:09:31.6z.1.9, 7:95S: 125:76E, h0km, mb3.3/1, mb1 3.6/4, mb1mx3.5/16, mbtmsp3.4/4, ML3.6/3, Error

ellipse: s-maj=98.9km s-min=28.1km az=68.0
 NEIC 20:06:09:32.8.1.1, 7.84S, 126.08E, h10km, Error ellipse:
 s-maj=26.3km s-min=13.5km az=59.0
 ISCBJ 20:06:09:36.2.5, 8.0S, 0.1x126.2E, 0.1, h65km, 25km,
 Error ellipse: s-maj=36.6km s-min=13.5km az=148.1
 ISC 20:06:09:39.6.2.5, 8.2S, 0.1x126.2E, 0.1, h71km, 31km, n6,
 c143/11, Timor region

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
KAKA	Kakadu	7.64	AZ7	Op	06 11 27.4	+1.0
KAKA				eS	06 12 50.5	-2.9
FITZ	Fitzroy Crossi	9.88	183	Pn	06 11 59.4	+0.6
FITZ				S		
FITZ				Sn	06 13 46.9	-1.1
WRAB	Tennant Creek	14.12	147	eP	06 12 57.9	+1.6
WRAB				eS	06 15 31.4	-0.2
WRA	Warramunga Arr	14.12	147	Pn	06 12 56.9	+0.6
WRA				S		
WRA				Sn	06 15 33.3	+1.7
ASAR	Alice Springs	17.09	155	Pn	06 11 36.7	+2.7
ASAR				S		
ASAR				Sn	06 16 41.9	-1.7
MKAR	Makanchi Array	67.19	329	P	06 20 25.0	-1.1

ISCJB 20:06:32:70.4.0.6, 14.35N, 0.04-93.09W, 0.03, h33km,
 mb4.0/5, Error ellipse: s-maj=6.8km s-min=3.5km az=24.8
 MEX 20:06:32:31.5.1.4, 14.26N, 93.12W, h16km, 86km, MD4.2
 NEIC 20:06:32:31.4, 14.26N, 93.14W, h16km, mb3.9/4,
 MD4.2 (MEX), After MEX.
 CASC 20:06:32:36.1.1.8, 14.39N, 92.69W, h28km, 524km, MD4.2,
 mb3.9 (NEIC)
 IDC 20:06:32:36.9.2.9, 14.84N, 92.92W, h45km, 19km, mb3.5/3,
 mb1.4/0.7, mb1mx3.6/24, mbtmpr3.777, ML4.0/4, Error
 ellipse: s-maj=45.1km s-min=8.7km az=24.0
 ISC 20:06:32:31.2.1.3, 14.38N, 0.05-93.05W, 0.03, h23km, 10km,
 n38, c1930/63, mb4.0/5, 2, Near coast of Chiapas

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
THIG		0.92	55	Op	06 32 46.8	-1.6
THIG				iS	06 33 00.6	+0.3
PCIG		1.33	353	eP	06 32 52.1	-2.3
PCIG				eS	06 33 08.7	-2.4
JAT	Jato	1.37	927	eP	06 32 55.3	+0.4
TP2	Tecpan 2	2.00	78	eP	06 33 04.5	+0.9
CCIG	Comitan	2.09	25	eP	06 33 05.8	+1.0
CCIG				iS	06 33 31.6	+1.5
CCIG	Comitan	2.09	25	eP	06 33 05.8	+1.0
CCIG				S	06 33 30.7	-1.7
FUG	Fuego 3	2.14	88	eP	06 33 05.1	-0.3
FUG				eS	06 33 32.0	+0.7
PCG	Pacaya	2.36	89	eP	06 33 08.9	+0.3
SCX	San Cristobal	2.38	10	iP	06 33 10.3	+1.5
SCX				iS	06 33 37.8	+0.5
SCX	San Cristobal	2.38	10	iP	06 33 37.8	+0.5
SCX				iS	06 33 09.2	+0.2
TGIG		2.39	358	eP	06 33 37.9	+0.4
TGIG				iS	06 33 12.0	+0.5
APG	El Apazote	2.58	76	P	06 33 42.5	+0.3
APG				S		
APG				Sn	06 33 42.5	+0.3
CMIG	Matias Romero	3.23	327	eP	06 33 19.4	-1.0
CMIG				S		
CMIG				Sn	06 33 55.4	-2.9
CMIG	Matias Romero	3.23	327	eP	06 33 19.4	-1.1
CMIG				S	06 33 55.4	-2.9
CMIG				Sn	06 33 19.4	-1.1
HUIG	Huatulco	3.27	295	eP	06 33 20.3	-0.7
HUIG				iS	06 33 56.1	-3.1
HUIG	Huatulco	3.27	295	eP	06 33 20.3	-0.7
HUIG				S	06 33 23.0	+0.7
HUIG				S	06 33 20.6	-0.5
RBDL	Robledal	3.32	94	eP	06 33 54.9	-4.4
RBDL				eS	06 33 22.9	+1.1
MRF	Marmol	3.32	781	eP	06 33 21.7	-0.2
RTR	El Retiro	3.33	98	eP	06 33 58.0	-2.8
RTR				S	06 34 00.0	-1.6
SBL5	San Blas	3.36	99	eP	06 33 29.7	-0.6
SBL5				eS	06 34 13.1	-2.8
LFRS	El Faro	3.94	100	eP	06 33 39.9	+2.0
LFRS				eS	06 34 17.0	-0.6
VHO	Vista Hermosa	4.45	308	iP	06 35 36.8	-4.0
VHO				S		
VHO	Vista Hermosa	4.45	308	iP	06 34 17.0	-0.6
VHO				S		
TEIG	Tepich	7.39	37	P	06 34 17.0	-0.6
TEIG				S		
TEIG	Tepich	7.39	37	P	06 34 17.0	-0.7
TEIG				S		
JTS	JuntasAbangare	8.89	116	P	06 34 46.1	+7.8
JTS				S		
JTS	JuntasAbangare	8.89	116	eP	06 36 33.0	+1.5
JTS				S		
JTS				Sn	06 36 39.9	+2.0
TXAR	Lajitas Array	17.83	328	P	06 36 39.9	+2.0
TXAR				S	06 37 02.0	-1.1
TXAR	Lajitas Array	17.83	328	P	06 37 02.0	-1.1
TXAR				S		
MIAR	Mount Ida	20.09	359	P	06 37 02.0	-1.1
MIAR				S		
GD2L	Guadalupe Moun	20.53	332	eP	06 37 09.6	+1.6
GD2L				S		
ANMO	Albuquerque	24.79	332	P	06 37 43.5	+1.2
ANMO				S		
SNOW	Snow King Moun	32.72	336	eP	06 39 02.9	+0.8
SNOW				S		
NVAR	Mina Array Bea	32.74	332	P	06 39 03.9	+1.6
NVAR				S		
MCMT	McKenzie Canyon	34.07	335	eP	06 39 21.0	+1.7
MCMT				S		
YKA	Yellowknife Ar	50.43	347	P	06 41 25.5	-1.2
YKA				S		
YKA				PCP	06 42 45.1	+0.3

MAN 20:06:35:41, 13.61N, 120.07E, h1km, mb5.0, ML3.9, MS4.0,
 3C, Mindoro

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
PGP	Puerto Galera	0.87	971	iP	06 35 57.3	-0.4
PGP				Pg	06 36 00.2	+0.4
TGY	Tagaytay City	0.98	601	eP	06 36 10.3	+0.8
SJMP	San Jose	1.54	138	eP	06 36 11.7	+0.5
BUSP	Coron	1.60	175	eP	06 36 13.4	+1.1
BOAC	Boac	1.71	95	eP	06 36 17.7	-0.8
PCPH	Palayan	2.18	271	eP	06 36 22.6	+2.9
OTRP	Odiongang	2.27	123	eP	06 36 25.4	+1.5
BALP	Baler	2.57	34	P	06 36 34.1	+7.7
BOLU	Boholano	2.76	357	eP	06 36 35.4	+2.9
CULO	Cuyo Island	2.90	161	eP		

IDC 20:06:39:47.9.0.6, 25.17S, 40.60W, h0km, mb4.1/1.5,
 mb1.4/3.15, mb1mx4.1/25, mbtmpr4.1/15, Error ellipse:
 s-maj=22.1km s-min=16.7km az=14.0, South Atlantic
 Ocean

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
TSUM	Tsumeb	53.86	96	P	06 49 13.0	-0.1
TSUM				S		
TORD	Torodi Arr. Bea	56.13	52	P	06 49 28.2	-1.2
TORD				S		
BOSA	Boshof	59.17	109	P	06 49 42.4	-1.5
BOSA				S		
QSPA	South Pole Qui	65.05	180	P	06 50 30.7	+1.2
QSPA				S		
TKL	Tuckaleechee C	72.98	324	P	06 51 20.0	+0.8
TKL				S		
ESDC	Seneca Array B	73.01	29	P	06 56 21.1	+0.7
ESDC				S		
KMBO	Kilima Mbojo	78.53	96	P	06 51 53.1	+1.5
KMBO				S		
TXAR	Lajitas Array	81.24	308	P	06 52 06.2	+0.3
TXAR				S		
SCHS	Schefferville	82.80	345	P	06 52 13.8	+0.3
SCHS				S		
GERO	GERESS Array B	88.18	32	P	06 52 40.7	+0.2
GERO				S		
ULM	Lac du Bonnet	89.59	328	P	06 52 45.7	-1.3
ULM				S		
PDAR	Pinedale Array	92.66	31	P	06 53 02.3	+0.8
PDAR				S		
AAK	Ala-Archa	124.68	54	PKP	06 58 48.6	-0.8
AAK				S		
KURK	Kurchatov	127.42	44	PKP	06 58 54.2	-0.1
KURK				S		
MKAR	Makanchi Array	130.20	49	PKP	06 58 59.9	+0.1
MKAR				S		
ZALV	Zaretsko Beam	130.66	39	PKP	06 58 59.6	-0.8
ZALV				S		
ASAR	Alice Springs	131.17	173	PKP	06 59 02.2	-0.3
ASAR				S		
ASAR				PKP	06 59 02.2	-0.3
ASAR				S		
WRA	Warramunga Arr	134.89	173	PKP	06 59 08.8	-0.8
WRA				S		
WRA				PKP	06 59 08.8	-0.8
WRA				S		
SONM	Songino Array	145.54	104	PKP	06 59 28.2	+0.2
SONM				S		
WRA	Warramunga Arr	134.89	173	PKP	06 59 08.8	-0.8
WRA				S		
SONM	Songino Array	145.54	104	PKP	06 59 28.2	+0.2
SONM				S		
PETK	Petrovskiy	148.83	339	PKP	06 59 37.6	+0.5
PETK				S		

UPP 20:06:44:48.4, 67.85N, 20.18E, h0km, ML0.8, Suspected
 Mining explosion.
 CSEM 20:06:44:48.6, 0.3, 67.79N, 20.22E, h2km, ML0.8, Error
 ellipse: s-maj=6.5km s-min=4.8km az=168.0, Mining
 explosion.

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
HEL	HEL 20:06:44:49.6, 0.1, 67.81N, 20.13E, h0km, ML1.1, ML0.8 (UPP), Explosion, Sweden					
NIKU	Nikkaluokta	0.42	279	iP	06 44 56.5	-1.2
NIKU				Sg	06 45 02.5	-0.6
NIKU	Nikkaluokta	0.42	279	iP	06 44 56.5	-1.1
NIKU				Sg	06 45 02.5	-0.5
DUNU	Dundret	0.71	166	iP	06 45 02.4	-0.7
DUNU				Sg	06 45 02.4	-0.7
LANU	Lannavaara	0.74	70	eS	06 45 14.3	+0.9
LANU				Pg	06 45 02.1	-1.7
LANU	Lannavaara	0.74	70	eS	06 45 14.3	+0.9
LANU				Pg	06 45 04.0	0.0
SALU	Sattoluokta	0.76	236	iP	06 45 04.0	

20d 7h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Pioggiaola, Kehlvi, Sochi, FSSB, ONI, VOIR, SIM, MLR, etc.

2008 APR

Table with columns for station name, frequency, power, and other technical details. Includes stations like Oris-en-Rattie, Appiano, Piszkesteto, Oro, PBAR, etc.

970

Table with columns for station name, frequency, power, and other technical details. Includes stations like Les Rejaudoux, Basel-Blauen, Saint Agoutin, Trest, LOMF, etc.

Table with columns for event name, date, time, and status. Includes events like Champ du Feu, Dobruska-Polom, Rotzenmühle, etc.

Table with columns for event name, date, time, and status. Includes events like BAIF Baives, MEM Miesbach, BCLA Clavier, etc.

Table with columns for event name, date, time, and status. Includes events like DANN Dangsing, HFS Hagfors, TKM2 Tokmak 2, etc.

Table with columns: STA, Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GTA, WRA, ASAR, SONM, GERES, etc.

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

Table with columns: CDAG, Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KIZIT, ELDT, KADINHANI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AFI, URZ, WRA, ASAR, etc.

ISCJB 20 08:01:20.4:0.5, 50.09N:0.04:19.07E:0.03, h0km, Error ellipse: s-maj=5.6km s-min=2.4km az=9.3

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

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

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

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

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

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

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

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

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

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

Table with columns: AFI, WRA, ASAR, SONM, GERES, etc. Includes station names and coordinates.

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

NEIC 20 08:24:17.0, 15.90N:96.37W, h14km, MD3.8(MEX), After MEX.

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

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

ISC 20 08:50:39.7:1.8, 7.81S: 125.75E, h0km, mb3.7/1, mb1.3/8.5, mb1mx3.6/17, mbtmp3.6/17, ML3.6/4, Error ellipse: s-maj=59.0km s-min=23.1km az=55.0

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

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

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

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

ISC 20 09:00:23.8:1.8, 8.01S: 125.44E, h0km, mb3.2/1, mb1.3/5.4, mb1mx3.3/17, mbtmp3.3/17, ML2.9/3, Error ellipse: s-maj=117.4km s-min=27.2km az=67.0, Timor region

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

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

BUI 20 09:09:05.5, 37.54N:72.08E, h193km, mb4.7/1, mb4.3/2, Error ellipse: s-maj=27.2km s-min=12.5km az=170.0

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JMU, JMU, EKS2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA, ASAR Alice Springs, FITZ Fitzroy Crossi, GERES GERRSS Array B, TORD Torodi Arr, etc.

ISCJB 20 11:05:40.9-0.7, 1.22N:01:07.98E:0.07, h98km, 7km, mb3.5/3, Error ellipse: s-maj=13.5km s-min=8.8km az=42.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MNSI Mandailing Nat, GSI Gunungsitoli, PSI Prapat, etc.

BUI 20 11:16:10.8, 25.92N:98.59E, h15km, ML3.8/8, Ms3.6/2, Ms7.3/1

ISC 20 11:16:11.0-0.7, 25.75N:0.10, 98.42E:0.05, h35km, n23, r107, 201.63/7, Myanmar-China border region

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KMI Kunming, CD2 Chengdu, CMAR Chiang Mai Arr, etc.

BUI 20 11:20:24.5, 36.10N:93.81E, h15km, ML3.5/4, Ms3.1/1, Ms7.2/7, Qinghai

ISCJB 20 11:21:09.2-0.8, 2.86S:0.09, 100.69E:0.09, h71km, 8km, mb3.9/8, Error ellipse: s-maj=19.4km s-min=7.5km az=42.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PPSI Pulau Pagai, KSI Kapahiang, SISI Saibi, etc.

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

ISC 20 11:29:47.5-1.5, 7.94S:125.91E, h0km, ML3.5/2, mb1.3/8.5, mb1mx3.6/17, mbtmp3.6/5, ML3.6/3, Error ellipse: s-maj=102.1km s-min=24.4km az=69.0, Banda Sea

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

ISC 20 12:00:52.0-0.9, 7.91S:125.66E, h0km, mb4.2/7, mb1.4/2.1, mb1mx4.1/18, mbtmp4.2/11, ML4.1/4, MS3.2/4, Ms1.3/2.4, ms1mx2.8/19, Error ellipse: s-maj=34.0km s-min=16.7km az=57.0

NEIC 20 12:00:53.2-0.4, 7.94S:125.67E, h10km, mb4.6/4, Error ellipse: s-maj=19.8km s-min=6.8km az=55.0

ISCJB 20 12:00:54.3-1.4, 8.09S:0.07, 125.61E:0.07, h43km, 15km, mb4.7/20, MS3.2/3, Error ellipse: s-maj=14.7km s-min=6.1km az=44.6

ISC 20 12:00:55.7-2.7, 8.00S:0.06, 125.65E:0.06, h26km, 20km, n37, r103/46, mb4.7/20, MS3.2/3, Timor region

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KAPI Kappang, KAPI Kappang, KAKA Kakadu, etc.

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TUWZ Tuamarina, TUWZ Tuamarina, DUWZ D'Urville Islla, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like URJZ Urewera, LBZ Lake Benmore, MWZ Matawai, etc.

NNC 20 12:08:56.6:2.9,39.72N:76.63E,h0km,mb4.0,mpv3.7, Error ellipse: s-maj=28.1km s-min=19.5km az=111.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KSH Kashi, ULHL Ulaho, KZA Kyzart, etc.

IDC 20 12:26:00.8:3.7,25S:151.03E,h0km,mb3.0/2, mb1.3:4.2,mb1mx3.2/1.4,mbtmp3.1/2, Error ellipse: s-maj=151.6km s-min=48.3km az=121.0,New Britain region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TORO Torodi Ar, Bea, etc.

ISCJB 20 12:27:58.4:0.4,40.83N:0.03:28.91E:0.04,h6km,7km, Error ellipse: s-maj=5.1km s-min=3.5km az=140.8

CSEM 20 12:27:58.7:0.1,40.83N:28.91E,h10km,MD2.9, Error ellipse: s-maj=1.6km s-min=1.1km az=55.0

ISK 20 12:27:58.0,40.83N:28.91E,h9km,MD2.9, Error ellipse: s-maj=1.6km s-min=1.1km az=55.0

DDA 20 12:27:58.6,40.84N:28.91E,h7km,2km,MD2.9, Error ellipse: s-maj=1.6km s-min=1.1km az=55.0

ISC 20 12:27:58.8:0.4,40.83N:0.03:28.91E:0.04,h10km,6km,n38,+0947/58,Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ISK Istanbul-Kandi, BGKT Bogazkoy, KLYT Kilyos, etc.

ISCJB 20 12:34:59.6:0.5,35.80N:0.05:0.57E:0.05,h25km,9km, Error ellipse: s-maj=9.9km s-min=4.8km az=146.4

NEIC 20 12:34:59.9,35.80N:0.057E,h0km,MG3.6(MDD),After MDD. CRAAG 20 12:34:59.6,35.83N:0.074E,MI3.0, Error ellipse: s-maj=9.9km s-min=4.8km az=146.4

ISC 20 12:35:00.2:0.4,35.81N:0.061E,h5km,6km,mb3.6/1.0, Error ellipse: s-maj=6.0km s-min=4.1km az=124.0,PRIMO n96,+114/161,Northern Algeria

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like OKGL Djebel Kef Gue, OJBR Djebel Berber, EBNR Beni Rached, etc.

ETOB 20 12:35:00.6:0.5,36.96N:0.03:29.27E:0.04,h6km,5km, Error ellipse: s-maj=6.1km s-min=2.5km az=60.0

ISCJB 20 12:40:33.7:2.0,8.35E:0.1:125.5E:0.2,h71km,26km,n8,+06/10,mb3.5/2,Timor region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ETOB Tobarra, EGUA Guajares, EGUA Guajares, etc.

NEIC 20 12:52:59.0,37.00N:29.19E,h8km,MD3.0(ISK), MD3.5(ATH),After ISK

CSEM 20 12:53:00.6:0.1,36.97N:29.28E,h5km,MD3.0, Error ellipse: s-maj=6.1km s-min=2.6km az=150.0

ISCJB 20 12:53:00.6:0.5,36.96N:0.03:29.27E:0.04,h6km,5km, Error ellipse: s-maj=5.1km s-min=4.1km az=137.6

ATH 20 12:53:00.5,36.98N:29.00E,h5km,MD3.5/4, Error ellipse: s-maj=5.1km s-min=4.1km az=137.6

ISC 20 12:53:01.1:0.5,36.96N:0.03:29.28E:0.04,h7km,4km,n51,+0976/62,Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GLHS Ghlisar (BURDU), FETV Fethiye, ELL Elmali, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like EBAN Luque, EMIJ Mijas, EMOS Mosqueruela, etc.

IDC 20 12:40:24.9:2.0,7.88S:126.08E,h0km,mb3.6/1, mb1.4:0.5,mb1mx3.7/1.6,mbtmp3.8/5,ML3.8/4, Error ellipse: s-maj=69.1km s-min=25.4km az=60.0

ISCJB 20 12:40:33.7:2.0,8.35E:0.1:125.5E:0.2,h71km,26km,n8,mb3.5/2, Error ellipse: s-maj=30.4km s-min=7.4km az=145.1

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KAPI Kappang, KNA Kununurra, FITZ Fitzroy Crossi, etc.

NEIC 20 12:52:59.0,37.00N:29.19E,h8km,MD3.0(ISK), MD3.5(ATH),After ISK

CSEM 20 12:53:00.6:0.1,36.97N:29.28E,h5km,MD3.0, Error ellipse: s-maj=6.1km s-min=2.6km az=150.0

ISCJB 20 12:53:00.6:0.5,36.96N:0.03:29.27E:0.04,h6km,5km, Error ellipse: s-maj=5.1km s-min=4.1km az=137.6

ATH 20 12:53:00.5,36.98N:29.00E,h5km,MD3.5/4, Error ellipse: s-maj=5.1km s-min=4.1km az=137.6

ISC 20 12:53:01.1:0.5,36.96N:0.03:29.28E:0.04,h7km,4km,n51,+0976/62,Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GLHS Ghlisar (BURDU), FETV Fethiye, ELL Elmali, etc.

Table with columns for call sign, frequency, power, and time. Includes stations like KBK Karagaybulak, UCH Uchtor, AAK Ala-Archa, etc.

Table with columns for call sign, frequency, power, and time. Includes stations like TAXI, ABKAR Akbulak array, BILL Bilibino, etc.

Table with columns for call sign, frequency, power, and time. Includes stations like BRTR Keskin Array B, LVZ Lovozero, APA Apatity, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like BNI, MBDF, SBF, ORIF, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like EGAK, RSO, PAX, PAX, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like KOLN, ASAJ, DANN, etc.

ISJCJB 20 13:33:00.8z.5, 8.02S: s-maj=1.25km s-min=6.1km az=143.8

IDC 20 13:33:00.8z.0, 8.776S: 125.66E, h0km, mb4.2/13, mb1.4/2/15, mb11mx4.1/21, mb12mx2/21, ML4.1/2, MS3.1/1, s-min=16.3km az=56.2, Error ellipse: s-maj=27.9km

NEIC 20 13:33:02.0z.3, 7.84S: 125.73E, h10km, mb4.5/6, Error ellipse: s-maj=14.0km s-min=6.5km az=52.0

ISC 20 13:33:02.3z.3, 7.94S: 0.06:125.67E:0.07, h12km, 21km, n49, c18/157, mb4.4/24, Banda SEA

MOS 20 13:35:24.4z.1, 4.52:05N:160.57E, h33km, mb4.3/6, Error ellipse: s-maj=1.4km s-min=7.1km az=98.3

ISCJB 20 13:35:26.5z.1, 0.52:21N:0.05:160.65E:0.08, h48km, 7km, mb3.9/15, Error ellipse: s-maj=10.6km s-min=5.7km az=116.4

KRSC 20 13:35:26.0z.0, 8.52:36N:160.55E, h11km, 10km, ML4.2, IDC 20 13:35:28.6z.3, 6.52:27N:160.45E, h43km, 30km, mb3.6/12, mb1.3/8/13, mb11mx3.5/23, mb13mx3.6/13, ML3.5/1, Error ellipse: s-maj=31.9km s-min=21.7km az=135.0

NEIC 20 13:35:29.7z.1, 9.52:30N:160.28E, h53km, 13km, mb4.1/4, Error ellipse: s-maj=20.8km s-min=11.2km az=127.0

ISC 20 13:35:27.7z.0, 9.52:19N:0.05:160.59E:0.08, h41km, 7km, m57, c09/67, mb3.9/15, 2D, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like NLC, RUS, PET, AVH, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SONM Songoing Array, BRTR Keskin Array B, KMI Kunming, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like VLS Valsamata, PVL PYLOS, RLS Riolos of Patr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, ODAN Odare, TAPN Taping, etc.

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

NEIC 20 20:08:16.7,0.5,7.98S,125.71E,h10km,mb4.4/8, Error ellipse: s-maj=19.4km s-min=7.4km az=57.0

IDC 20 20:08:16.1,0.8,7.97S,125.61E,h0km,mb4.2/9, mb1.4/3/12,mb1mx4.2/18,mbtmp4.2/12,ML4.4/2,MS3.5/13, Ms1.3.5/13,ms1mx3.3/26, Error ellipse: s-maj=28.5km s-min=15.2km az=70.0

ISCJB 20 20:08:18.7,0.9,8.28S,0.05x125.46E,0.06,h40km,10km, mb4.3/24,MS3.5/10, Error ellipse: s-maj=11.9km s-min=5.6km az=147.5

MOS 20 20:08:18.2,1.5,8.15S,125.62E,h33km,mb4.5/11, Error ellipse: s-maj=23.3km s-min=8.6km az=115.6

DJA 20 20:08:26.8,0.08S,125.92E,h70km,mb4.5/9, ISC 20 20:08:20.7,4.8,61.6S,0.05x125.55E,0.06,h34km,18km, n6.6, r135/69,mb4.3/24,MS3.5/10,3C-1D, Timor region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NLAI Namlea, WSI Wainapapa, KAPI Kappang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MJAR Matushiro Arr, LZH Lanzhou, LZH Lanzhou, etc.

IDC 20 20:17:53.1,2.9,48.80N,155.91E,h0km,mb3.6/5, mb1.3/6/6,mb1mx3.5/24,mbtmp3.6/6,ML3.3/1,MS3.2/1, Ms1.3.2/1,ms1mx2.4/29, Error ellipse: s-maj=65.9km s-min=33.6km az=149.0

NEIC 20 20:17:58.5,1.9,48.87N,155.92E,h35km,mb4.1/1, Error ellipse: s-maj=44.1km s-min=16.1km az=137.0

MOS 20 20:18:00.6,1.7,49.42N,155.81E,h42km,mb4.4/1, Error ellipse: s-maj=58.5km s-min=19.5km az=78.7

KRSC 20 20:18:02.7,4.8,29.15S,167.07E,h10km,ML4.4, ISC 20 20:17:58.9,2.6,48.93N,0.2x156.2E,0.3,h41km,20km,n21, r1504/24,mb3.7/6,East of Kuril Islands

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

IDC 20 20:23:34.6,2.1,0.61S,123.43E,h0km,mb3.3/3, mb1.3/6/4,mb1mx3.4/19,mbtmp3.4/4,ML3.6/1, Error ellipse: s-maj=59.4km s-min=26.0km az=62.0

ISCJB 20 20:23:37.5,1.3,0.75S,0.1x123.3E,0.1,h33km,mb3.2/4, Error ellipse: s-maj=19.4km s-min=14.5km az=143.3

NEIC 20 20:23:39.6,1.3,0.71S,123.34E,h35km,mb3.3/1, Error ellipse: s-maj=26.6km s-min=16.5km az=224.1

ISC 20 20:23:39.7,1.1,0.75S,0.1x123.3E,0.1,h35km,n5, r088/6, mb3.2/4,Minahasa Peninsula, Sulawesi

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CASC 20 20:27:01.1,1.9,12.84N,88.36W,h53km,33km,MD3.5, ML3.2, Off coast of Central America

IDC 20 21:03:05.6,5.7,8.94S,126.35E,h0km,mb4.0/1, mb1.4/0.4,mb1mx3.6/16,mbtmp3.8/4,ML3.7/3, Error ellipse: s-maj=76.6km s-min=59.4km az=103.0, Timor region

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

GUC 20 21:12:24.6,0.6,23.92S,67.57W,h22km,6km,ML3.8, 2C-2D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, etc.

NEIC 20 21:13:03.2,16.20N,97.55W,h8km,MD3.7(MEX), After MEX.

MEX 20 21:13:03.2,0.9,16.20N,97.55W,h8km,1.1km,MD3.7, Oaxaca

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

ISK 20 21:18:42.4,40.60N,30.75E,h9km,MD2.7, ISCJB 20 21:18:43.2,0.5,40.59N,0.04x30.72E,0.04,h0km,5km, Error ellipse: s-maj=6.3km s-min=4.1km az=156.6

CSEM 20 21:18:43.0,1.4,40.57N,30.74E,h12km,MD2.7, Error ellipse: s-maj=2.4km s-min=1.6km az=168.0

DDA 20 21:18:43.2,40.56N,30.73E,h7km,1km,MD2.9, ISC 20 21:18:43.5,0.5,40.59N,0.04x30.73E,0.04,h13km,4km, n26, r0572/40, Turkey

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

IDC 20 21:24:14.9,1.7,7.98S,125.94E,h0km,mb3.7/2, mb1.3/9/6,mb1mx3.7/16,mbtmp3.8/6,ML3.8/2,MS3.2/4,

Ms1 3.3/4, ms1mx2.8/24, Error ellipse: s-maj=67.9km s-min=23.5km az=61.0
ISCJB 2012:24:17.1.7, 8.23S:0.07:125.73E:0.08, h33km, 17km, mb3.7/5, MS3.1/4, Error ellipse: s-maj=15.1km s-min=8.7km az=138.7
NEIC 2012:24:17.0.0.5, 8.11S:125.68E, h10km, mb4.1/2, Error ellipse: s-maj=16.3km s-min=7.4km az=52.0
ISC 2012:24:20.0.2.8, 8.18S:0.07:125.68E:0.07, h33km, 21km, n20, c1909/24, mb3.7/5, MS3.1/4, Timor region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
				h m s	ISC
KAPI	Kappang	6.68 98	Op	21 25 54.9	-0.9
KAPI	Kakadu	8.03 125	Pn	21 26 15.2	+0.8
KAKA	Kakadu	8.03 125	Pn	21 27 43.4	-0.7
FITZ	Fitzroy Crossi	9.86 180	Pn	21 26 40.0	+0.4
FITZ	Fitzroy Crossi	9.86 180	Pn	21 28 29.7	+0.5
FITZ	Fitzroy Crossi	9.86 180	Pn	21 26 40.5	+1.0
FITZ	Fitzroy Crossi	9.86 180	Pn	21 28 29.1	-0.1
MBWA	Marble Bar	14.13 203	Pn	21 27 38.3	+0.5
WRAB	Tennant Creek	14.39 145	ePn	21 27 40.8	-0.6
WRA	Warramunga Arr	14.39 145	Pn	21 27 39.5	-1.9
WRA	Warramunga Arr	14.39 145	Pn	21 30 17.2	-2.7
ASAR	Alice Springs	17.30 154	Pn	21 28 20.7	+1.6
ASAR	Alice Springs	17.30 154	Pn	21 31 23.2	-7.4
CTA	Charters Tower	23.16 123	LR	21 38 53.0	
CTAO	Charters Tower	23.16 123	P	21 29 25.1	+1.2
NWAO	Narrogin (SRO)	25.84 196	LR	21 41 46.5	
STKA	Stevens Creek	27.84 150	P	21 30 11.3	+4.8
STKA	Stevens Creek	27.84 150	LR	21 40 44.0	
CMAR	Chiang Mai Arr	37.37 315	P	21 31 31.2	+1.3
CMAR	Chiang Mai Arr	37.37 315	LR	21 50 28.4	
AAK	Ala-Archa	68.75 322	eP	21 35 21.0	+0.4
EKSZ	Erkin-Say	69.20 322	P	21 35 24.1	+0.6
ZALV	Zalesovo Beam	70.82 336	P	21 35 31.9	-1.2
ZALV	Zalesovo Beam	70.82 336	P	21 35 31.9	-1.2
KURK	Kurchatov	71.36 331	eP	21 35 36.4	-0.1
KMBO	Kilima Mbogo	88.29 269	P	21 37 09.7	+0.7
LBTB	Lobatse	95.62 244	P	21 37 43.3	+0.5

NEIC 2012:37:48.6, 37.75N:27.04E, h5km, MD3.4(ISK), MD3.5(A7H), After ISK
ISCJB 2012:37:48.0, 37.76N:27.04E:0.03:26.91E:0.04, h1km, 5km, Error ellipse: s-maj=5.8km s-min=3.5km az=148.2
ATH 2012:37:48.0, 37.70N:26.88E, h20km, 9km, MD3.5/4
DDA 2012:37:48.9, 37.72N:26.96E, h10km, 3km, MD3.5
CSEM 2012:37:49.5, 0.2, 37.70N:26.97E, h8km, MD3.5, Error ellipse: s-maj=5.6km s-min=2.9km az=62.0
ISK 2012:37:49.1, 37.73N:27.02E, h6km, MD3.2
ISC 2012:37:49.0, 4.0, 37.70N:0.03:26.96E:0.04, h5km, 4km, n67, c097/88, Dodecanese Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
				h m s	ISC
SMG	Samos	0.10 275	ePb	21 37 52.1	+0.4
SMG	Samos	0.10 275	ePb	21 37 53.9	+0.9
SMG	Samos	0.10 275	ePb	21 37 52.1	+0.4
SMG	Samos	0.10 275	ePb	21 37 53.9	+0.9
GCAM	G?zelcaml?	0.22 90	iP	21 37 57.3	+1.0
GCAM	G?zelcaml?	0.22 90	iP	21 37 57.3	+1.0
GCAM	G?zelcaml?	0.22 90	iP	21 37 54.3	+0.4
GCAM	G?zelcaml?	0.22 90	iP	21 37 57.9	+1.0
BLCB	Balcova	0.69 6	PG	21 38 01.8	-1.1
BLCB	Balcova	0.69 6	PG	21 38 11.4	-0.3
BLCB	Balcova	0.69 6	PG	21 38 11.8	-0.0
BLCB	Balcova	0.69 6	PG	21 38 11.8	-0.1
BLCB	Balcova	0.69 6	PG	21 38 11.5	-0.3
BODT	Bodrum	0.70 156	PG	21 38 03.1	+0.1
BODT	Bodrum	0.70 156	PG	21 38 13.9	+1.9
BODT	Bodrum	0.70 156	PG	21 38 14.1	+2.0
BODT	Bodrum	0.70 156	PG	21 38 03.1	+0.1
BODT	Bodrum	0.70 156	PG	21 38 13.9	+1.9
URLA	Izmir	0.72 337	iP	21 38 02.1	-1.3
URLA	Izmir	0.72 337	iP	21 38 12.4	-0.4
URLA	Izmir	0.72 337	iP	21 38 02.1	-1.3
URLA	Izmir	0.72 337	iP	21 38 12.4	-0.4
AYDN	Tasoluk	0.73 93	iP	21 38 03.1	-0.6
AYDN	Tasoluk	0.73 93	iP	21 38 12.8	-0.5
AYDN	Tasoluk	0.73 93	iP	21 38 03.1	-0.6
AYDN	Tasoluk	0.73 93	iP	21 38 12.8	-0.5
IZM	Izmir	0.74 19	PG	21 38 03.9	-0.0
IZM	Izmir	0.74 19	PG	21 38 02.9	-0.9
IZM	Izmir	0.74 19	PG	21 38 03.9	+0.1
BDRM	Kayabasi	0.74 148	iP	21 38 03.6	-0.3
BDRM	Kayabasi	0.74 148	iP	21 38 14.2	+0.7
BDRM	Kayabasi	0.74 148	iP	21 38 03.6	-0.3
BDRM	Kayabasi	0.74 148	iP	21 38 14.2	+0.6
MLSB	Milas	0.77 122	PG	21 38 03.9	-0.5
MLSB	Milas	0.77 122	PG	21 38 03.9	-0.4
MLSB	Milas	0.77 122	PG	21 38 03.9	-0.5
DAT	Detca	1.09 153	ePn	21 38 09.9	-1.7
DAT	Detca	1.09 153	ePn	21 38 09.9	-1.7
YER	Yerkesik	1.20 118	ePn	21 38 12.0	-1.0
YER	Yerkesik	1.20 118	ePn	21 38 11.8	-1.3
YER	Yerkesik	1.20 118	ePn	21 38 12.0	-1.0
AKS	Akhisar	1.36 30	ePn	21 38 14.7	-0.6
AKS	Akhisar	1.36 30	ePn	21 38 14.0	-1.2
AKS	Akhisar	1.36 30	ePn	21 38 14.7	-0.6
KULA	Kula-Manisa	1.57 58	ePn	21 38 17.3	-0.9
KULA	Kula-Manisa	1.57 58	ePn	21 38 17.3	-0.9
AYVA	Ayvalik	1.62 353	iP	21 38 19.0	+0.2
AYVA	Ayvalik	1.62 353	iP	21 38 42.2	+2.1
AYVA	Ayvalik	1.62 353	iP	21 38 19.0	+0.2
AYVA	Ayvalik	1.62 353	iP	21 38 42.2	+2.1
PRK	Paraskevi	1.63 341	ePn	21 38 17.8	-1.3
PRK	Paraskevi	1.63 341	ePn	21 38 17.8	-1.3
DENT	Denizli	1.65 88	ePn	21 38 18.6	-0.7
DENT	Denizli	1.65 88	ePn	21 38 18.6	-0.7
ARG	Arkhangelos	1.75 147	ePn	21 38 20.0	-0.7
ARG	Arkhangelos	1.75 147	ePn	21 38 20.0	-0.7
DEM1	Demirci	1.93 45	iP	21 38 25.2	+2.2
DEM1	Demirci	1.93 45	iP	21 38 48.8	+1.2
DEM1	Demirci	1.93 45	iP	21 38 25.2	+2.2
DEM1	Demirci	1.93 45	iP	21 38 48.8	+1.2
FETY	Fethiye	2.00 121	ePn	21 38 23.6	-0.6
FETY	Fethiye	2.00 121	ePn	21 38 24.0	-0.1
FETY	Fethiye	2.00 121	ePn	21 38 23.6	-0.6
FETY	Fethiye	2.00 121	ePn	21 38 24.0	-0.1
BALB	Balikesir	2.07 20	ePn	21 38 24.6	-0.4
BALB	Balikesir	2.07 20	ePn	21 38 24.6	-0.4
KHL	Karahalli	2.12 72	ePn	21 38 25.3	-0.4
KHL	Karahalli	2.12 72	ePn	21 38 25.3	-0.4
DURS	Dursunbey	2.24 32	iP	21 38 29.5	+2.1
DURS	Dursunbey	2.24 32	iP	21 39 00.0	+4.6
DURS	Dursunbey	2.24 32	iP	21 38 29.5	+2.1
DURS	Dursunbey	2.24 32	iP	21 39 00.0	+4.6
ELL	Elmalı	2.52 111	ePn	21 38 31.5	-0.0
ELL	Elmalı	2.52 111	ePn	21 38 31.5	-0.0
GADA	Gvgegeada	2.64 342	ePn	21 38 33.2	+0.6
GADA	Gvgegeada	2.64 342	ePn	21 38 33.2	+0.6
LPK	Lapseki	2.67 357	ePn	21 38 33.6	+0.2
LPK	Lapseki	2.67 357	ePn	21 38 33.6	+0.2
RKY	Sarkoy-Tekirda	2.99 3	ePn	21 38 38.3	+0.6
RKY	Sarkoy-Tekirda	2.99 3	ePn	21 38 40.1	+1.0
ENEZ	Enez	3.10 349	ePn	21 38 40.1	+1.0
ENEZ	Enez	3.10 349	ePn	21 38 41.3	+0.2
GEMT	Gemlik	3.24 32	ePn	21 38 41.3	+0.2
GEMT	Gemlik	3.24 32	ePn	21 38 41.3	+0.2
ALN	Alexandroupoli	3.27 348	ePn	21 38 39.8	-1.7
ALN	Alexandroupoli	3.27 348	ePn	21 38 43.0	+4.4
CTKS	Kestanelik??a	3.73 18	ePn	21 38 48.3	+0.4
CTKS	Kestanelik??a	3.73 18	ePn	21 38 48.3	+0.4

ISCJB 2012:22:29.0.3, 38.08N:0.03:101.87E:0.05, h10km, mb3.8/18, MS3.0/5, Error ellipse: s-maj=5.7km s-min=4.7km az=168.3
IDC 2012:22:28.0.8, 37.97N:101.75E, h0km, mb3.7/11, mb1 3.9/15, mb1mx3.8/30, mbmp3.7/15, ML4.0/2, MS1 3.2/4, MS1 3.2/4, ms1mx2.7/40, Error ellipse: s-maj=22.4km s-min=15.7km az=56.0
BUI 2012:22:23.7, 38.01N:101.87E, h14km, mb4.4/4, mb4.1/4, ML4.2/14, MS3.7/5, MS7.3/6/5
MOS 2012:22:25.5.0.6, 37.99N:101.78E, h33km, mb3.9/8, Error ellipse: s-maj=12.8km s-min=7.8km az=101.2
NEIC 2012:22:26.2.4, 38.01N:101.83E, h25km, 18km, mb4.0/11, Error ellipse: s-maj=8.5km s-min=6.7km az=88.0
ISC 2012:22:24.9.0.3, 38.04N:0.03:101.85E:0.04, h10km, n63, c121/73, mb3.8/18, MS3.0/5, 1C-3D, Gansu

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
				h m s	ISC
GTA	Gaotai	2.10 311	Op	21 43 01.9	+1.7
GTA	Gaotai	2.10 311	Op	21 43 30.5	-2.0
GTA	Gaotai	2.10 311	Op	21 43 01.9	+1.7
GTA	Gaotai	2.10 311	Op	21 43 30.5	-2.0
GTA	Gaotai	2.10 311	Op	21 43 01.9	+1.7
GTA	Gaotai	2.10 311	Op	21 43 30.5	-2.0
GTA	Gaotai	2.10 311	Op	21 43 01.9	+1.7
GTA	Gaotai	2.10 311	Op	21 43 30.5	-2.0
LZH	Lanzhou	2.52 140	Pn	21 43 05.3	-0.5
LZH	Lanzhou	2.52 140	Pn	21 43 07.0	-6.1
LZH	Lanzhou	2.52 140	Pn	21 43 05.3	-0.5
LZH	Lanzhou	2.52 140	Pn	21 43 07.0	-6.1
LZH	Lanzhou	2.52 140	Pn	21 43 05.3	-0.5
LZH	Lanzhou	2.52 140	Pn	21 43 07.0	-6.1
LZH	Lanzhou	2.52 140	Pn	21 43 05.3	-0.5
LZH	Lanzhou	2.52 140	Pn	21 43 07.0	-6.1
BTO	Baotou	6.83 65	eP	21 44 33.6	-2.1
BTO	Baotou	6.83 65	eP	21 45 51.8	-12
BTO	Baotou	6.83 65	eP	21 44 33.6	-2.1
BTO	Baotou	6.83 65	eP	21 45 51.8	-12
BTO	Baotou	6.83 65	eP	21 44 33.6	-2.1
BTO	Baotou	6.83 65	eP	21 45 51.8	-12
BTO	Baotou	6.83 65	eP	21 44 33.6	-2.1
BTO	Baotou	6.83 65	eP	21 45 51.8	-12
XAN	Xi'an	6.98 123	Pg	21 44 27.4	+1.2
XAN	Xi'an	6.98 123	Pg	21 45 17.8	-8.7
XAN	Xi'an	6.98 123	Pg	21 44 27.4	+1.2
XAN	Xi'an	6.98 123	Pg	21 45 17.8	-8.7
XAN	Xi'an	6.98 123	Pg	21 44 27.4	+1.2
XAN	Xi'an	6.98 123	Pg	21 45 17.8	-8.7
XAN	Xi'an	6.98 123	Pg	21 44 27.4	+1.2
XAN	Xi'an	6.98 123	Pg	21 45 17.8	-8.7
HHC	Hu-ho-haote	8.02 66	eP	21 44 56.0	+12
HHC	Hu-ho-haote	8.02 66	eP	21 45 04.1	
HHC	Hu-ho-haote	8.02 66	eP	21 44 56.0	+12

21d 1h

2008 APR

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like GRAC Grapevine Rang, C16A Fuhringer Ranc, J13A Cove Ranch, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like J16A Bone, V11A Goodsprings, PFO Plover Flat Ob, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like U15A North Rim, FCC Fort Churchill, N18A Larsen Ranch, etc.

21d 5h

2008 APR

Table with columns: STKI, Sintang, 19.61 291, P, P, 05 37 54.9 +0.6, etc. Includes stations like STKI, BATP, CUYO, SBUM, CTCTA, etc.

Table with columns: CMAR, comp=Z, 1.0nm, 0.7s, baz=268, slow=0.5, SNR=4.3, etc. Includes stations like CMAR, CHTO, CHANG MAI, etc.

Table with columns: RPZ, MDJ, LSA, URZ, MDRS, ODAN, TAPN, RAMN, GTA, etc. Includes stations like MDJ, LSA, URZ, MDRS, ODAN, TAPN, RAMN, GTA, etc.

21d 5h

Table with columns for name, address, phone, and other details. Includes entries like OPO Ambohitrampolo, AKBAR Akbulak array, QSPA South Pole Qui, etc.

2008 APR

Table with columns for name, address, phone, and other details. Includes entries like BOSHA Boshof, BOSHA Boshof, BOSHA Boshof, etc.

1000

Table with columns for name, address, phone, and other details. Includes entries like GRF Grafenberg Arr, D15A Lincoln, K13A Stover Farm, etc.

Table with columns: IATA, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for various stations.

Table with columns: IATA, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for various stations.

21d 9h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DAWY Dawson, IM3 Indian Mountain, BC3A Beaver Creek A, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IDC 21 07:11:17.6, ASAR Alice Springs, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ISK 21 07:25:24.8, ISCJB 21 07:25:26.0, CSEM 21 07:25:26.4, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GLHS Gihisar (BURDU), FETHI Fethiye, GOLH Golhisar, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KRSC 21 07:51:41.0, BKI Bering, BKZ Mys Kozlova, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NEIC 21 07:51:57.1, PNIG Pinotepa, ACX Acapulco, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JMA 21 08:13:52.0, NEM2 Nemuro 2, JANG Rausu, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ISK 21 08:17:00.8, ISCJB 21 08:17:01.7, CSEM 21 08:17:01.7, etc.

2008 APR

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KOPT Kop Dag, KOPT Kop Dag, EZM Erzurum, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IDC 21 08:22:41.6, PTK Pertek, DAGI Agillar, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KAKA Kakadu, WRAB Tennant Creek, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IDC 21 08:35:51.5, BUJ 21 08:35:51.3, NEIC 21 08:35:52.8, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GTA Gaotai, LZH Lanzhou, LZH Korea Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BTO Baotou, XAN Xi'an, HHC Hu-ho-hao-te, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HHC Korea Arr, SONM Sogino Array, ULN Ulanbator, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, KURK Kurchatov, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CAS 21 08:44:30.1, CGA2 Cerro Gallo 2, JTS JuntasAbangare, etc.

1004

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CASO Fortuna, FORC Fortuna, CHPA Chiripa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IDC 21 09:13:16.5, SZGRF 21 09:13:16.5, ISCJB 21 09:13:19.4, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, DZM Mont Dzumac, PLUM Mont Dore, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NOUC Port Laguerre, MVNO Noumea, ONTRN Noumea, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like URZ Urewera, AFU Afiamalu, CTA Charters Tower, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, FITZ Fitzroy Cross, MJAR Matsushiro Arr, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like SGRT San Giovanni R, MSAG Monte S. Angel, RGNG Rignano Grg, 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, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like THN Thein Dam, SMLA Simla, KLP Kaipa, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like AFI Afiamalu, ARMA Armidale, CNB Canberra Magne, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like PETK Petropavlovsk, KSRK Korea Array, NVAR Mina Array Bea, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like URZ Urewera, MWZ Matawai, NMHZ Naumai, 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, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like PXZ Takapari Road, PRHZ Porangahau, DVHZ Dannevirke, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like TXAR Lajitas Array, DBIC D'Urville Island, YKA Yellowknife Ar, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like WRA Warramunga Arr, SONM Songino Array, MAKAKA Makanchi Array, etc.

Table with columns: Code, Station Name, Az, 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, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MAJO Matushiro, MAT Matushiro, SONM Songoing Array, CMAR Chiang Mai Arr, MKAR Makanchi Array, WRA Warramunga Arr, ASAR Alice Springs, ARCES ARCES Array B, FINES FINES Array B.

IDC 21 12:12:36.6; 2.7, 6.88S; 151.53E, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.6/14, mbtmp3.9/3, Error ellipse: s-maj=81.4km s-min=43.1km az=112.0, New Britain 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, STKA Stephens Creek, TORD Torodi Ar. Bea.

CSEM 21 12:26:25.9, 48.06N; 20.23E, h0km, ML1.7/3, 3C, Suspected Mining explosion. After BUD, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PSZ Piszkesteto, KECS Kecovo, VYHS Vyhne, STHS Stebnicka Huta.

IDC 21 12:45:33.8; 0.8, 46.67N; 155.53E, h0km, mb3.5/10, mb1 3.7/12, mb1mx3.6/26, mbtmp3.5/12, ML3.4/2, Error ellipse: s-maj=23.7km s-min=16.7km az=138.0

ISCJB 21 12:45:37.1; 0.8, 46.71N; 0.08; 155.5E; 0.2, h33km, mb3.5/10, Error ellipse: s-maj=18.4km s-min=9.5km az=28.2

MOS 21 12:45:38.4; 1.9, 46.83N; 155.31E, h46km, mb3.9/6, Error ellipse: s-maj=23.9km s-min=16.4km az=71.5

ISC 21 12:45:39.1; 0.8, 46.66N; 0.008; 155.4E; 0.2, h35km, n21, +180/22, mb3.5/10, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PETK Petropavlovsk, ASAJ Asahikawa, KSRS Korea Array, KSRK Korea Array, SONM Songoing Array, INK Inuvik, ZALV Zalesovo Beam, MKAR Makanchi Array, YKA Yellowknife Ar, FINES FINES Array B, WRA Warramunga Arr, ASAR Alice Springs, TXAR Lajitas Array.

IDC 21 12:51:43.7; 2.0, 23.59S; 178.53W, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.5/15, mbtmp3.5/3, Error ellipse: s-maj=1313.0km s-min=163.4km az=88.0, South of Fiji Islands

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

IDC 21 13:53:09.1; 2.2, 1.32N; 127.72E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.3/17, mbtmp3.3/3, MS2.7/1, Ms1 2.7/1, ms1mx2.0/13, Error ellipse: s-maj=169.8km s-min=25.8km az=67.0, Halmahera

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

ISCJB 21 14:16:23.8; 0.5, 32.14N; 0.02; 115.44W; 0.02, h14km, 4km, Error ellipse: s-maj=3.3km s-min=2.3km az=8.8

NEIC Felt at Mexicali. Also felt at Campo, El Centro, Poway and San Diego, California. ECX 21 14:16:25.4; 0.8, 32.13N; 115.49W, h5km, MD3.9, ML4.1

ISC 21 14:16:24.0; 3.2, 32.13N; 0.02; 115.48W; 0.02, h14km, 3km, n78, +f103/108, 39C-38Z, California-Baja California border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like EMX El Mayor, RDX Rancho Dawling, VGH Mount Signal, SGL Yusa Desert, ECH El Chinero, COA Coachella, SWSC Sam W. Stewart.

SWSC 21 14:16:24.0; 3.2, 32.13N; 0.02, h14km, 3km, n78, +f103/108, 39C-38Z, California-Baja California border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CRR Carrizo Plain, 112A Yuma, YMD Yuma Desert, CBX Cerro Bola, ECX Esteban Cantu, GLA Glamis.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GLA Glamis, GLA Glamis, SPX San Pedro Mart, SPX SPX, MONP Monopment Peak.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PBX Punta Banda, BAR Barrett, BC3 Bar, BC3 Bar, BC3 Bar.

109C 21 14:17:01.2, s-maj=32.2km s-min=12.9km az=68.0

113A 21 14:17:01.2, s-maj=32.2km s-min=12.9km az=68.0

113A 21 14:17:01.2, s-maj=32.2km s-min=12.9km az=68.0

113A 21 14:17:01.2, s-maj=32.2km s-min=12.9km az=68.0

113A 21 14:17:01.2, s-maj=32.2km s-min=12.9km az=68.0

113A 21 14:17:01.2, s-maj=32.2km s-min=12.9km az=68.0

113A 21 14:17:01.2, s-maj=32.2km s-min=12.9km az=68.0

113A 21 14:17:01.2, s-maj=32.2km s-min=12.9km az=68.0

113A 21 14:17:01.2, s-maj=32.2km s-min=12.9km az=68.0

113A 21 14:17:01.2, s-maj=32.2km s-min=12.9km az=68.0

113A 21 14:17:01.2, s-maj=32.2km s-min=12.9km az=68.0

113A 21 14:17:01.2, s-maj=32.2km s-min=12.9km az=68.0

113A 21 14:17:01.2, s-maj=32.2km s-min=12.9km az=68.0

113A 21 14:17:01.2, s-maj=32.2km s-min=12.9km az=68.0

113A 21 14:17:01.2, s-maj=32.2km s-min=12.9km az=68.0

113A 21 14:17:01.2, s-maj=32.2km s-min=12.9km az=68.0

113A 21 14:17:01.2, s-maj=32.2km s-min=12.9km az=68.0

113A 21 14:17:01.2, s-maj=32.2km s-min=12.9km az=68.0

113A 21 14:17:01.2, s-maj=32.2km s-min=12.9km az=68.0

113A 21 14:17:01.2, s-maj=32.2km s-min=12.9km az=68.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like T13A Saint George, X18A Snowflake, 119A Ashpeak Ranch, 219A White Tail Can, T14A Hurricane, 319A Douglas, Z19A T-Link Ranch, CCUT Cedar City, ARUT Antelope Range, 121A Cookes Peak, MSU Marysville, BNM Barren Site, MNTX Coronados Mount.

IDC 21 14:18:23.9; 4.8, 7.76S; 123.91E, h224km, 4.7km, mb3.3/3, mb1 3.4/5, mb1mx3.1/16, mbtmp3.5/5, Error ellipse: s-maj=147.4km s-min=12.1km az=60.0, Banda Sea

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, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array, ZALV Zalesovo Beam.

IDC 21 14:19:51.3; 0.9, 13.33N; 126.05E, h0km, mb3.7/9, mb1 3.9/9, mb1mx3.8/21, mbtmp3.7/9, MS2.9/2, Ms1 2.9/2, ms1mx2.5/27, Error ellipse: s-maj=40.0km s-min=15.9km az=73.0

NEIC 21 14:20:52.8; 0.7, 13.32N; 126.05E, h10km, Error ellipse: s-maj=53.2km s-min=12.9km az=68.0

ISCJB 21 14:20:55.3; 3.2, 13.23N; 0.07; 125.4E; 0.3, h47km, 33km, mb3.7/9, MS2.7/2, Error ellipse: s-maj=45.1km s-min=10.1km az=170.6

MAN 21 14:20:58.1; 3.0, 13.33N; 126.05E, h0km, mb3.7/9, mb1 3.9/9, mb1mx3.8/21, mbtmp3.7/9, MS2.9/2, Ms1 2.9/2, ms1mx2.5/27, Error ellipse: s-maj=40.0km s-min=15.9km az=73.0

ISC 21 14:20:58.6; 2.6, 13.4N; 0.1; 125.4E; 0.3, h66km, 28km, n17, +f105/19, mb3.6/3, 3D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CNP Catarman, PVCP Virac, BOAC Boacer, BALP Balac, PALP Palanan, PCPH Palayan, BCPH Baguio City Da, KSRK Korea Array, KSRK Korea Array, MJAR Matushiro Arr, CMAR Chiang Mai Arr, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, SONM Songoing Array, STKA Stephens Creek, MKAR Makanchi Array, YKA Yellowknife Ar.

ISK 21 14:25:05.8; 36.96N; 29.21E, h9km, MD3.0

ISCJB 21 14:25:06.4; 0.4, 36.99N; 0.02; 29.19E; 0.03, h3km, 5km, Error ellipse: s-maj=4.3km s-min=3.5km az=141.0

CSEM 21 14:25:06.3; 0.1, 36.97N; 29.21E, h10km, MD3.0, Error ellipse: s-maj=3.2km s-min=2.8km az=160.0

DDA 21 14:25:06.9; 0.4, 37.00N; 0.02; 29.19E; 0.03, h5km, 5km, n42, +f109/57, 1C, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GLHS Gilhisar (BURDU), GLHS Gilhisar (BURDU), FETH Fethiye, FETH Fethiye, GOLH Golhisar, DALD Dalyan (Mudla), DALD Dalyan (Mudla), ELL Elmalı, ELL Elmalı, DNZL Cakirokul, DNZL Cakirokul, YER Yerkesik, YER Yerkesik, DENT Denizli, AKAS Kas, AKAS Kas, AKAS Kas, KSTL Kastellorizon, KORT Korkueli, KORT Korkueli, ARG Arkhangelos, MSLB Milas, BCK Bucak, BCK Bucak, DAT Data, DAT Data, ISPL Isparta, ISPL Isparta, KHL Karahalli, KHL Karahalli, BODT Bodrum, BODT Bodrum, SUTC Sutluce-Ispart, SUTC Sutluce-Ispart.

Table with columns: KULA, Kula-Manisa, 1.57 345 ePn, Pn, 14 25 35.9 +0.4, etc.

Table with columns: MAN 21 14:35:59, 9.55N, 121.195E, h29km, mb4.4, ML3.2, MS3.1, 2C, Sulu Sea

Table with columns: IDC 21 14:59:08.8, 60.0, 19.91S, 179.23E, h0km, mb3.6/3, mb1.3/8.3, mb1mx3.6/15, mbmt3.6/3, Error ellipse: s-maj=1069.0km s-min=156.8km az=81.0, South of Fiji Islands

Table with columns: ISCJB 21 15:04:26.3, 0.8, 18.84S, 0.06, 69.8W, 0.2, 9.107km, 7km, mb3.9/4, Error ellipse: s-maj=24.4km s-min=9.0km az=8.3

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

Table with columns: IDC 21 15:18:45.0, 3.4, 1.39N, 121.26E, h0km, mb3.8/3, mb1.4/0.5, mb1mx3.6/20, mbmt3.8/5, ML3.8/2, Error ellipse: s-maj=77.5km s-min=53.7km az=95.0

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

Table with columns: MRSI, Marisa, 1.26 118 P, Pn, 15 19 14.7 -3.6, etc.

Table with columns: NIED 21 15:32:00, 41.10N, 142.80E, h26km, Mw3.8 Best double couple, lambda=6.21000e+10, NP1=95.00000, 869.00000, lambda=1.18.00000, NP2=182.00000, 834.00000, lambda=0.00000, JMA 21 15:32:12.0, 2.0, 41.09N, 142.82E, h17km, 4km, M4.1, JMA Felt J1, MOS 21 15:32:13.1, 1.5, 41.17N, 142.83E, h39km, mb4.4/4, Error ellipse: s-maj=16.6km s-min=10.0km az=93.8

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

Table with columns: ERM, Erimo, 0.93 15 eP, Pn, 15 32 30.1 -1.2, etc.

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

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

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

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

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

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

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

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

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

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

Table with columns: DAV, Davago City (W), 2.47 192 P, Pn, 15 47 01.8 +0.5, etc.

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

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

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

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

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

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

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

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

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

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

21d 18h1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, h m s, ISC. Includes stations like Sao Teotônio, Mafrã, Mafrã, Castro Verde, Barranco-do-Ve, etc.

2008 APR

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

1010

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, h m s, ISC. Includes stations like Neumayer Olymp, Neumayer-Watz, Neumayer-Stat, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like URZ Urewera, KNZ Kokohu, WRZ Mangatoinaka R, etc.

CSEM 21 18:32:55.9,36:04N-21:20E, h25km, MD3.7, After ATH
NEIC 21 18:32:55.9,36:04N-21:20E, h25km, MD3.7(A), After ATH

ATH 21 18:32:55.9,36:04N-21:20E, h25km, 3km, MD3.7/14, Southern Greece

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PYL PYLOS, ITM Ithomi, KYTH Kithira, etc.

ISCJB 21 18:40:39.7,0.2,48:11N,0.01:121:61W,0.02, h10km, Error ellipse: s-maj=2.0km s-min=1.7km az=28.5

PNSN 21 18:40:40.1,48:09N,121:61W, h1km, MD3.4, Fault plane solution: NP1, P2, N2

PGC 21 18:40:40.2,0.0,48:06N,121:56W, h0km, MD2.9, 77km Ene of Seattle, Wa Washington

NEIC 21 18:40:40.0,48:09N,121:60W, h1km, MD3.4(SEA), After SEA

ISC 21 18:40:40.1,0.2,48:11N,0.01:121:65W,0.02, h10km, n128, o088/158,36C-60D, Washington

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JCW Jim Creek, ATES Arlington Traf, HTW Haystack Looko, etc.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SNB Saturna Island, A07A, DHW2 Dyer Hill 2, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like D15A Lincoln, C16A Fuhringer Ranc, RLMT Red Lodge, etc.

IDC 21 19:06:57.8,2.2,5:72S, 130:56E, h0km, mb3.6/2, mb1 4.0/5, mb1mx3.7/15, mbtmt3.8/5, ML3.9/3, Error ellipse: s-maj=80.4km s-min=25.3km az=72.0

NEIC 21 19:07:13.3,3.5,6:31S, 129:93E, h131km, 40km, mb3.7/1, Error ellipse: s-maj=29.4km s-min=23.1km az=205.0

ISC 21 19:07:16.0,1.6,6:62S, 0:09, 129:8E, 0.1, h164km, 18km, mb1, n8, o150/11, mb3.4/2, After Sea

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

ISCJB 21 19:11:50.7,0.5,36:99N,0.03:29:21E,0.03, h4km, 5km, Error ellipse: s-maj=4.4km s-min=4.1km az=157.9

CSEM 21 19:11:50.6,0.1,36:98N,29:20E, h8km, MD3.0, Error ellipse: s-maj=2.8km s-min=2.5km az=170.0

ISK 21 19:11:50.2,36:99N,29:22E, h8km, MD3.0

DDA 21 19:11:51.0,37:02N,29:17E, h7km, 7km, Md2.9

ISC 21 19:11:51.2,0.4,36:99N,0.03:29:22E,0.04, h9km, 5km, n42, o083/64, Turkey

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GLHS Ghlisar (BURDU), GHLH Ghlisar (BURDU), GOLH Golhisar, etc.

Table with columns: CTA, Charters Tower, Frequency, Power, and other technical details. Includes entries like CTA Charters Tower 34.17 281 P, STKA Stephens Creek 34.23 259 eP, etc.

Table with columns: Y16A, Circle Bar Ran, Frequency, Power, and other technical details. Includes entries like Y16A Circle Bar Ran 90.57 50 P, U13A Pakoon Wash 90.61 46 P, etc.

Table with columns: CMAr, comp=Z,0.6nm,0.8s,mb4.1, etc., Frequency, Power, and other technical details. Includes entries like CMAr comp=Z,0.6nm,0.8s,mb4.1, MFID Camas Ranch 94.08 40 P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like KIV Kislovodsk, OBK Obninsk, FINES FINESS Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like NVAR Mina Array Bay, NVAR Longme, RSN batt-306, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like QSPA South Pole Qui, QSPA South Pole Qui, PETK Petropavlovsk, etc.

ISCJB 21 22:00:49.5, 0.5, 40.79N, 0.03, 124.35W, 0.06, h10km, mb3/8/11, MS3.2/5, Error ellipse: s-maj=6.6km, s-min=3.7km, az=166.9

IDC 21 22:00:49.6, 1.0, 40.91N, 124.25W, h0km, mb3/8/3, mb1 3.9/11, mb1mx3.8/26, mbtmp3.7/11, ML2.2/3, MS3.3/6, Ms1 3.3/6, ms1mx3.0/38, Error ellipse: s-maj=15.9km, s-min=13.4km, az=4.0

NEIC 21 22:00:53.8, 40.78N, 124.21W, h21km, mb4/0/4, MW4.2(BRK), After NCEC.

NEIC Fell [I] at Eureka. Also fell at Arcata, Fortuna, McKinleyville and Trinidad.

ISC 21 22:00:59.0, 5.0, 40.74N, 0.03, 124.42W, 0.06, h10km, n70, c130/74, mb3/8/11, MS3.3/5, Near coast of northern California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like RAOL Raoul Island, URZ Urewera, EIDS Eidsvold, etc.

IDC 21 22:06:00.7, 0.9, 20.36S, 168.91E, h0km, mb4/2/11, mb3/8/11, mb1mx3.4/21, mbtmp3.4/21, MS3.6/8, Ms1 3.6/8, ms1mx3.4/21, Error ellipse: s-maj=29.2km, s-min=20.9km, az=139.0

ISCJB 21 22:06:03.8, 0.5, 20.46S, 168.86E, 0.08, h33km, mb4/2/13, MS3.5/6, Error ellipse: s-maj=14.6km, s-min=5.4km, az=139.5

NOU 21 22:06:04.0, 1.2, 20.03S, 168.62E, h10km, 999km, MD3.0, ML2.9

SZGRF 21 22:06:05.4, 22.08S, 166.46E, h33km, New Caledonia

NEIC 21 22:06:05.4, 0.4, 20.45S, 168.94E, h35km, mb4/5, Error ellipse: s-maj=14.6km, s-min=8.1km, az=150.0

ISC 21 22:06:05.9, 0.5, 20.49S, 168.85E, 0.03, h35km, n76, mb3/8/3, mb4/2/13, MS3.5/6, 4C, Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like MDZ Mont Dzumak, DZM Alice Springs, LASL Noumea, etc.

DJA 21 22:10:39, 20.26S, 176.16W, h202km, mb5.1/8, ISCJB 21 22:10:00.7, 1.1, 19.80S, 0.06, 177.7W, 0.1, h342km, 12km, mb3/9/1, Error ellipse: s-maj=15.6km, s-min=8.3km, az=15.5

IDC 21 22:11:01.6, 2.2, 19.83S, 177.59W, h339km, 22km, mb3/8/14, mb1 4.0/16, mb1mx3.9/21, mbtmp3.8/16, Error ellipse: s-maj=17.6km, s-min=12.2km, az=131.0

NEIC 21 22:11:01.3, 0.8, 19.79S, 177.64W, h337km, 9km, mb4.6/16, Error ellipse: s-maj=10.2km, s-min=6.5km, az=134.0

ISC 21 22:11:00.8, 1.2, 19.80S, 0.07, 177.7W, 0.1, h230km, 14km, n64, c974/54, mb4.3/31, 2D, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like AFI Afiamalu, AFI Afiakou, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NVAR, KULM, ENH, MCK, XAN, PDAR, CMAR, CHTO, ULN, SONM, YKA, EK2S, FINES, NOA, AKASG, BUR08, BRTR, CLL, DPC, BRG, PRU, KHC, GERES, TORD.

ISC/JB 21 22:39:54.2±0.6, 10.79N±0.4±62.29W±0.03, h90km, 6km, Error ellipse: s-maj=6.8km s-min=4.1km az=171.1

TRN 21 22:39:56.1, 10.79N±62.21W, h83km, MD3.4, NEIC 21 22:39:56.0, 10.79N±62.22W, h83km, MD3.4 (TRN), After TRN

FUNV 21 22:39:56.1, 10.84N±62.26W, h80km, MW3.7, ISC 21 22:39:55.1±0.6, 10.80N±0.04±62.29W±0.03, h84km, 6km, n22, c0588/39, 3C-3D, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUIV, TCE, TRN, GUNV, CRUV, TPP, ITEV, TBH, GRW, TPR, TPR, BOT, TOSP, PCRV, IBAV, RIOV, GURV, CUPV, BIRV, LUEV, CAOV, BAUV.

ISC/JB 21 22:47:08.0±0.5, 24.54N±0.03±122.86E±0.02, h96km, 5km, Error ellipse: s-maj=5.7km s-min=2.7km az=171.7

TAP 21 22:47:08.3, 24.60N±122.84E, h99km, ML4.0, C JMA 21 22:47:08.3±0.1, 24.67N±122.90E, h99km, 2km, MD3.5

ISC 21 22:47:08.7±0.5, 24.54N±0.03±122.86E±0.02, h93km, 6km, n50, c0581/93, 1C-1D, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YOJ, IRIF, TWB1, TWC, HATJ, ENA, JKRS, TWE, WNF, JJJ, ENTT, TWD, TWA, HWA, NNS.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NNS, NSK, NSK, ESL, WHF, TWT, TJT, NSTT, EHY, TWF1, SMLT, SMLT, TWQ1, TWQ1, NSY, CHKT, YUS, YUS, WNT, WNT, ALS, ALS, ELDTW, ELDTW, CHNS, CHNS, CHNS, JMG, JOGS, JOGS, STYT, STYT, TWG, TWG, CHN2, WTP, WTP, CHY, TWK, TWK, TWK, CHN1, CHN1, SGST, SGST, ECL, ECL, SSD, LAY, LAY, EAST, EAST, SCZT, SCZT, PNG, JKE, IDC 21 23:00:11.1±1.7, 8.18N±91.62E, h0km, mb4.0/7, mb1 4.0/9, mb1mx3 8/25, mbtmp4 0.9, ML4.3/2, MS3.3/1, Mst1 3.3/1, ms1mx2.5/27, Error ellipse: s-maj=64.0km s-min=16.4km az=63.0, ISC/JB 21 23:00:14.2±0.4, 8.20N±0.05±91.75E±0.05, h33km, mb4.1/12, Error ellipse: s-maj=8.2km s-min=6.6km az=138.3, BUJ 21 23:00:14.7, 8.06N±91.56E, h50km, mb4.2/5, NEIC 21 23:00:16.6±0.7, 8.24N±91.73E, h36km, 7km, mb4.5/4, Error ellipse: s-maj=8.0km s-min=5.2km az=54.0, ISC 21 23:00:16.4±0.4, 8.20N±0.05±91.75E±0.05, h35km, n36, c0595/41, mb4.1/12, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LSA, LSA, GTA, UCH, AML, EK2S, MKAR, MKAR, SONM, SONM, KURK, ZAAO, ZALV, ZALV, ZALV, ZALV, NWAO, BRVK, ABKAR, WRA, WRAB, WRAB, ASAR, GUMO, ARU, STKA, LSZ, TIXI.

NNC 21 23:25:48.6±3.5, 39.33N±71.07E, h171km, 45km, mb2.2, mpv3.1, Error ellipse: s-maj=40.9km s-min=15.4km az=14.0

ISC 21 23:25:47.1±2.4, 39.33N±71.07E±0.09, h35km, n9, c0579/13, 3C-3D, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AML, KK31, KK31, UCH, AAK, KZA, USP, TKM2, TKM2, AB31, AB31, AKTO, AKTO.

CASC 21 23:29:10.6±3.2, 10.90N±86.75W, h0km, 11km, MD3.9, ML3.0, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SSN, CRUM, APON, NY14, NY14, MASN, TICN, TICN, GBS2, COPN, COPN, CONN, LAPC, LAPC, LAPC, XAVN, CSAN, TISN, GRIA, NGAN, NGAN, VCR, WILN, GPS1, APYN, LIM1, MOMN, MIRN, HUEN, CNGN, TELN, CRIN, BOAB, BOAB, BOAB, JCR, FORC, CGA2, PR2, LAJ, LCR2, URSC, BUS.

IDC 21 23:40:35.7±2.2, 3.12N±126.18E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.5/18, mbtmp3.6/3, Error ellipse: s-maj=193.4km s-min=25.5km az=65.0, Talaud Islands

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

ISK 21 23:41:38.0, 37.00N±29.18E, h5km, MD2.7, ISC/JB 21 23:41:39.0±0.5, 36.98N±0.03±29.19E±0.04, h1km, 9km, Error ellipse: s-maj=6.2km s-min=4.1km az=39.5

CSEM 21 23:41:39.7±0.1, 36.98N±29.17E, h5km, MD2.7, Error ellipse: s-maj=3.2km s-min=2.5km az=110.0

DDA 21 23:41:39.8, 37.01N±29.20E, h6km, 4km, MD2.8, ISC 21 23:41:40.0±0.5, 36.98N±0.03±29.19E±0.04, h7km, 8km, n21, c0573/37, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GLHS, GLHS, GLHS, GLHS, FETY, FETY, FETY, GOLH.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like GOLH, TURUN, DALYAN, ELMALI, CAKIROLUK, etc.

CASC 21 23:56:51.0-1.8, 1321N-89.82W, h31km, 4km, MD3.7, 1C-2D, EI Salvador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like SBL, SNU, RTR, BOQS, LFRS, LFU, etc.

ISK 22 00:04:30.9, 36.96N-29.25E, h19km, MD2.9

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

ISK 22 00:04:32.0, 36.96N-29.24E, h7km, 4km, MD2.8

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

ISC 22 00:07:44.9-1.5, 31.57S-179.12W, h0km, mb3.6/3, mb1 3.9/4, mb1mx3.7/15, mbtmp3.8/4, ML4.3/1, Error ellipse: s-maj=43.3km s-min=29.9km az=80.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like URZ, ASAR, WRA, GSPA, FINES, BRTR, TORD, etc.

ISC 22 00:13:16.5-1.4, 16.98S-65.41W, h0km, mb3.6/3, mb1 3.7/6, mb1mx3.6/20, mbtmp3.6/6, ML4.0/3, Error ellipse: s-maj=38.4km s-min=25.5km az=124.0, Central Bolivia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like SIV, LVC, CPUP, PLCA, TORD, YKA, etc.

WRA Warramunga Arr 138.50 209 PKP PKPdf 00 32 44.5 -0.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like CHNG, PEL, CLCH, FCH, PCH, LMEL, etc.

ISC 22 01:08:11.5-5.5, 35.99N-71.38E, h75km, 43km, mb3.6/8, mb1 3.8/11, mb1mx3.5/27, mbtmp3.7/11, ML3.9/3, Error ellipse: s-maj=44.5km s-min=23.1km az=170.0

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

ISC 22 01:08:17.9-0.4, 36.41N-0.02-71.43E, 0.05, h122km, 5km, n77, r120/97, mb3.8/9, 12C-3D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like CEP, KBL, CHCP, KSH, KSH, THN, THN, AML, AML, UCH, UCH, etc.

ISC 22 01:11:49.9-0.5, 36.98N-0.02-29.22E, 0.03, h5km, 4km, Error ellipse: s-maj=4.1km s-min=3.6km az=25.2

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

ISC 22 01:13:49.9-0.1, 36.97N-29.24E, h8km, MD3.1, Error ellipse: s-maj=2.8km s-min=2.5km az=16.0

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

KURK Kurchatov 15.21 18cP Pn 01 11 48.0 +2.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like KURK, AB31, ABKAR, RAMN, VOSK, TAPN, BVAO, BRVK, etc.

ISC 22 01:13:50.6-0.4, 36.99N-0.02-29.23E, 0.03, h8km, 4km, n58, r095/76, 1C, Turkey

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

ISC 22 01:13:49.9-0.1, 36.97N-29.24E, h8km, MD3.1, Error ellipse: s-maj=2.8km s-min=2.5km az=16.0

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

Table with 5 columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NPS Neapolis, LAST Lasifhi, XRY Khrisi, IDI Anuyia.

ICD 22:01:33:36.5.3.8.531S-152:68E h0km, mb3/2/2, mb1 3.5/2, mb1mx3.3/15, mbtpm3.3/2, Error ellipse: s-maj=180.3km s-min=48.1km az=122.0, New Britain region.

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TORD Torodi Arr.

BUI 22:01:45:55.0.3:00S:99:61E, h35km, mb5.0/9, mb4.8/17, Ms4.3/3, Ms7 4.0/3. ISCBJ 22:01:46:00.4.0.4.2:19S:0:05:99:39E:0.04, h26km, mb4.6/39, MS3.8/6, Error ellipse: s-maj=28.3km s-min=4.8km az=40.2.

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PPSI Pulau Pagai, SISI Saibi, PDSI Padang, PPI Padang Panjang.

DJA 22:01:46:02.2.0.8.2:15S:99:47E, h26km, mb3, mb4.3/14, mb1 4.4/15, mb1mx4.2/24, mbtpm4.3/15, ML4.0/1, MS3.8/5, Ms1 3.8/5, ms1mx3.2/35, Error ellipse: s-maj=28.3km s-min=11.8km az=53.0.

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MYKOM Kota Tinggi, TPRI Tanjung Pinang, KASI Kota Agung, IPM Ipo.

MOS 22:01:46:02.3.1.0.1:94S:99:89E, h33km, mb4.7/12, Error ellipse: s-maj=2.1km s-min=8.5km az=107.8. NEIC 22:01:46:03.6.0.4.2:10S:99:55E, h35km, mb4.5/11, Error ellipse: s-maj=11.3km s-min=6.1km az=51.0.

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BTM Bintulu, KKM Kota Kinabalu, SDKM Sandakan, TSI Tawau.

ISC 22:01:46:02.9.0.4.2:13S:0:05:99:42E:0.04, h27km, h27km, mb3km, p-P, n107, f109/100, mb4.6/39, MS3.8/6, 4C-2D, Southern Sumatra.

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KULM Kulim, KULM Kulim, KTGMM Kuala Trenggan, BSI Banda Aceh.

ISK 22:01:56:23.9.36:77N-32:29E, h10km, MD3.3. DDA 22:01:56:23.8.36:82N-32:19E, h18km, 2km, MD3.2. ISCBJ 22:01:56:24.8.0.8.36:78N:0:03:32:26E:0.06, h11km, 6km, CSEM 22:01:56:25.0.0.1.36:81N-32:28E:0.06, MD3.3, Error ellipse: s-maj=1.7km s-min=1.3km az=82.0.

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AAK Ala-Archa, SONM Songoing Array, SONM Erkin-Say, ULN Ulanbaatar.

ISK 22:01:56:23.9.36:77N-32:29E, h10km, MD3.3. DDA 22:01:56:23.8.36:82N-32:19E, h18km, 2km, MD3.2. ISCBJ 22:01:56:24.8.0.8.36:78N:0:03:32:26E:0.06, h11km, 6km, CSEM 22:01:56:25.0.0.1.36:81N-32:28E:0.06, MD3.3, Error ellipse: s-maj=1.7km s-min=1.3km az=82.0.

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array.

ISK 22:01:56:23.9.36:77N-32:29E, h10km, MD3.3. DDA 22:01:56:23.8.36:82N-32:19E, h18km, 2km, MD3.2. ISCBJ 22:01:56:24.8.0.8.36:78N:0:03:32:26E:0.06, h11km, 6km, CSEM 22:01:56:25.0.0.1.36:81N-32:28E:0.06, MD3.3, Error ellipse: s-maj=1.7km s-min=1.3km az=82.0.

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array.

ISK 22:01:56:23.9.36:77N-32:29E, h10km, MD3.3. DDA 22:01:56:23.8.36:82N-32:19E, h18km, 2km, MD3.2. ISCBJ 22:01:56:24.8.0.8.36:78N:0:03:32:26E:0.06, h11km, 6km, CSEM 22:01:56:25.0.0.1.36:81N-32:28E:0.06, MD3.3, Error ellipse: s-maj=1.7km s-min=1.3km az=82.0.

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array.

ISK 22:01:56:23.9.36:77N-32:29E, h10km, MD3.3. DDA 22:01:56:23.8.36:82N-32:19E, h18km, 2km, MD3.2. ISCBJ 22:01:56:24.8.0.8.36:78N:0:03:32:26E:0.06, h11km, 6km, CSEM 22:01:56:25.0.0.1.36:81N-32:28E:0.06, MD3.3, Error ellipse: s-maj=1.7km s-min=1.3km az=82.0.

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array.

ISK 22:01:56:23.9.36:77N-32:29E, h10km, MD3.3. DDA 22:01:56:23.8.36:82N-32:19E, h18km, 2km, MD3.2. ISCBJ 22:01:56:24.8.0.8.36:78N:0:03:32:26E:0.06, h11km, 6km, CSEM 22:01:56:25.0.0.1.36:81N-32:28E:0.06, MD3.3, Error ellipse: s-maj=1.7km s-min=1.3km az=82.0.

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array.

ISK 22:01:56:23.9.36:77N-32:29E, h10km, MD3.3. DDA 22:01:56:23.8.36:82N-32:19E, h18km, 2km, MD3.2. ISCBJ 22:01:56:24.8.0.8.36:78N:0:03:32:26E:0.06, h11km, 6km, CSEM 22:01:56:25.0.0.1.36:81N-32:28E:0.06, MD3.3, Error ellipse: s-maj=1.7km s-min=1.3km az=82.0.

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FINES FINESS Array B, NB2 NORSAR Subarray, NOA NORSAR Array B.

ISK 22:01:56:23.9.36:77N-32:29E, h10km, MD3.3. DDA 22:01:56:23.8.36:82N-32:19E, h18km, 2km, MD3.2. ISCBJ 22:01:56:24.8.0.8.36:78N:0:03:32:26E:0.06, h11km, 6km, CSEM 22:01:56:25.0.0.1.36:81N-32:28E:0.06, MD3.3, Error ellipse: s-maj=1.7km s-min=1.3km az=82.0.

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BSEB Bad Segeberg, BRTR Keskin Array B, BRUR Bucovina Arr B, KOLS Kolonic sedl.

ISK 22:01:56:23.9.36:77N-32:29E, h10km, MD3.3. DDA 22:01:56:23.8.36:82N-32:19E, h18km, 2km, MD3.2. ISCBJ 22:01:56:24.8.0.8.36:78N:0:03:32:26E:0.06, h11km, 6km, CSEM 22:01:56:25.0.0.1.36:81N-32:28E:0.06, MD3.3, Error ellipse: s-maj=1.7km s-min=1.3km az=82.0.

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KOLS Kolonic sedl, KOLS Kolonic sedl, KOLS Kolonic sedl, KOLS Kolonic sedl.

ISK 22:01:56:23.9.36:77N-32:29E, h10km, MD3.3. DDA 22:01:56:23.8.36:82N-32:19E, h18km, 2km, MD3.2. ISCBJ 22:01:56:24.8.0.8.36:78N:0:03:32:26E:0.06, h11km, 6km, CSEM 22:01:56:25.0.0.1.36:81N-32:28E:0.06, MD3.3, Error ellipse: s-maj=1.7km s-min=1.3km az=82.0.

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KOLS Kolonic sedl, KOLS Kolonic sedl, KOLS Kolonic sedl, KOLS Kolonic sedl.

ISK 22:01:56:23.9.36:77N-32:29E, h10km, MD3.3. DDA 22:01:56:23.8.36:82N-32:19E, h18km, 2km, MD3.2. ISCBJ 22:01:56:24.8.0.8.36:78N:0:03:32:26E:0.06, h11km, 6km, CSEM 22:01:56:25.0.0.1.36:81N-32:28E:0.06, MD3.3, Error ellipse: s-maj=1.7km s-min=1.3km az=82.0.

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KOLS Kolonic sedl, KOLS Kolonic sedl, KOLS Kolonic sedl, KOLS Kolonic sedl.

ISK 22:01:56:23.9.36:77N-32:29E, h10km, MD3.3. DDA 22:01:56:23.8.36:82N-32:19E, h18km, 2km, MD3.2. ISCBJ 22:01:56:24.8.0.8.36:78N:0:03:32:26E:0.06, h11km, 6km, CSEM 22:01:56:25.0.0.1.36:81N-32:28E:0.06, MD3.3, Error ellipse: s-maj=1.7km s-min=1.3km az=82.0.

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KOLS Kolonic sedl, KOLS Kolonic sedl, KOLS Kolonic sedl, KOLS Kolonic sedl.

ISK 22:01:56:23.9.36:77N-32:29E, h10km, MD3.3. DDA 22:01:56:23.8.36:82N-32:19E, h18km, 2km, MD3.2. ISCBJ 22:01:56:24.8.0.8.36:78N:0:03:32:26E:0.06, h11km, 6km, CSEM 22:01:56:25.0.0.1.36:81N-32:28E:0.06, MD3.3, Error ellipse: s-maj=1.7km s-min=1.3km az=82.0.

22d 3h

2008 APR

1020

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like CN2 Changchun, WRA Warramunga Arr, FITZ Fitzroy Crossi, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like NVS Novosibirsk, PPLA Purkeypile, KURK Kurchatov, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like TCW Cape Campbell, WEL Wellington, BHW Baring Head, etc.

Table with columns for station ID, name, frequency, and other technical details. Includes stations like BRTR, VSR, SEY, etc.

Table with columns for station ID, name, frequency, and other technical details. Includes stations like G15A, HLID, BOZ, etc.

Table with columns for station ID, name, frequency, and other technical details. Includes stations like 320A, 224A, 125A, etc.

22d 6h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZKR Zakros, RDO Rodhopi, LAST Lasithi, etc.

ISCJB 22 05:35:19.1e, 0.7, 43:21N, 0.04:126:32W, 0.07, h10km, mb3.9/10, MS3.4/7, Error ellipse: s-maj=8.0km s-min=5.4km az=167.4

IDC 22 05:25:23.2-1.6, 43:24N, 125:70W, h0km, mb3.2/5, mb1 3.5/10, mb1mx3.4/28, mbtmp3.3, ML3.5/3, MS3.8/11, Ms1 3.8/11, ms1mx3.7/13, Error ellipse: s-maj=32.6km s-min=12.0km az=48.0

NEIC 22 05:35:24.9-1.2, 43:33N, 125:90W, h10km, mb3.9/12, Error ellipse: s-maj=15.9km s-min=8.4km az=72.0

ISC 22 05:35:20.5-0.6, 43:23N, 0.04:126:41W, 0.07, h10km, n6.0, n148/63, mb3.9/6, MS3.3/7, Off coast of Oregon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HSO Harness Mounta, HUMO Hull Mountain, COR Corvallis, etc.

2008 APR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IMW Indian Meadow, TPAW Tenon Pass, MSU Marysvalle, etc.

ISK 22 05:51:11.6, 37:29N, 28:64E, h12km, MD2.9, ISCJB 22 05:51:12.1, 0.4, 37:31N, 0.03:28:61E, 0.04, h8km, 6km, Error ellipse: s-maj=5.4km s-min=1.1km az=33.0

CSEM 22 05:51:12.2, 0.2, 37:31N, 28:63E, h10km, MD2.9, Error ellipse: s-maj=5.2km s-min=4.0km az=136.0

DDA 22 05:51:13.2, 37:35N, 28:67E, h7km, 4km, MD2.5, ISC 22 05:51:12.4, 0.4, 37:30N, 0.03:28:62E, 0.04, h9km, 5km, n34, n095/48, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YER Yerkesik, TURN Turunc, DNZL Cakirokul, etc.

1026

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HUMO Corvallis, COR Corvallis, HEBO Mount Hebo, etc.

IDC 22 05:15:09.0-3.4, 30:15S, 138:58E, h0km, mb1 3.0/3, mb1mx3.0/14, mbtmp2.8/3, ML2.1/3, Error ellipse: s-maj=92.8km s-min=16.1km az=45.0, South Australia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STKA Stephens Creek, STKA Fibin, STKA 0.4nm, etc.

MAN 22 06:26:47.8, 36N, 123:46E, h0km, mb4.6, ML3.5, MS3.4, 1C-2D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DCPH Dipolog City, DCPH i/s, PAGZ Pagadian, etc.

WEL 22 06:31:42.9-0.3, 38:55S, 175:77E, h144km, 3km, ML3.5/17, 4C-1D, Error ellipse: s-maj=1.8km s-min=1.8km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HUIZ Hauri, TUVZ Tukino, PKVZ Pokaka, etc.

ISCJB 22 06:41:30.4, 1.7, 43:06N, 0.04:126:52W, 0.07, h19km, 12km, mb3.7/7, MS3.3/2, Error ellipse: s-maj=9.4km s-min=6.4km az=146.3

NEIC 22 06:41:32.4, 1.1, 43:10N, 126:48W, h10km, mb3.7/11, URJ Error ellipse: s-maj=14.8km s-min=7.0km az=63.0

IDC 22 06:41:33.4, 2.1, 43:21N, 125:83W, h0km, mb3.4/5, Mb1 3.6/11, mb1mx2.9/29, mbtmp3.4/11, ML3.0/6, MS3.4/5, Ms1 3.4/5, ms1mx2.9/21, Error ellipse: s-maj=42.7km s-min=13.4km az=55.0

ISC 22 06:41:33.1, 2.0, 43:08N, 0.04:126:52W, 0.07, h19km, 14km, n58, n18/63, 63, MS3.3/2, Off coast of Oregon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HSO Harness Mounta, HUMO Hull Mountain, COR Corvallis, etc.

22d 10h

2008 APR

1032

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like Ash Meadows, Khabarovsk, Yuma Proving Ground, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like Canyon Day Jun, Ashpeak Ranch, Wheeler Ranch, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like Ashnola River, Indo Mountain, Walters Elk Ra, etc.

Table with columns: ID, Name, Az, El, Dist, Az, El, Dist, Az, El, Dist, Az, El, Dist. Includes entries like RR12 Red Ridge, F19A John Jarvis Ra, Q21A Lamborn Mesa, etc.

Table with columns: ID, Name, Az, El, Dist, Az, El, Dist, Az, El, Dist, Az, El, Dist. Includes entries like G18A Lazy EL Ranch, C16A Fuhringer Ranc, RLMT Red Lodge, etc.

Table with columns: Code, Station Name, Az, El, Dist, Az, El, Dist, Az, El, Dist, Az, El, Dist. Includes entries like Bougainville - Solomon Islands region, CTA Charters Tower, GUMCO Guam, etc.

IS/CJB 22 10:52:27.8 0.6 7.21S:0.09:155.9E:0.1, h31km, mb4.5/31, MS3.4/4, Error ellipse: s-maj=19.9km, s-min=9.7km az=31.4

22d 14h

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

ISCJB 22 11:14:39.1, 6.43, 0N:0.1x126.3W:0.2, h10km, Error ellipse: s-maj=20.2km s-min=10.0km az=145.2

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

CASC 22 11:44:50.8, 1.5, 13.50N-90.76W, h26km, 5km, MD3.5, 1D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PGC, FUG, FG6, etc.

CSEM 22 11:50:05.0, 3.61, 12N:21.64E, h2km, ML1.4, Error ellipse: s-maj=9.6km s-min=6.1km az=170.0, Mining explosion.

UPP 22 11:50:08.6, 61.06N:21.05E, h0km, ML1.2, Suspected Mining explosion.

HEL 22 11:50:04.6, 61.20N:21.50E, h0km, ML1.4, Explosion, Finland

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

MAN 22 11:51:18, 18.30N:120.13E, h39km, mb4.6, ML3.5, MS3.5, 2D, Luzon

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

ISCJB 22 12:24:34.6, 1.4, 7.45S: 124.22E, h0km, mb4.1/2, mb1 4.2/5, mb1mx3.9/19, mbtmp4.1/5, ML4.2/3, Error ellipse: s-maj=72.8km s-min=22.6km az=57.0

ISCJB 22 12:24:43.9, 4.3, 8.0S: 0.2x123.8E:0.2, h105km, 45km, mb3.9/2, Error ellipse: s-maj=40.0km s-min=31.3km az=35.5

NEIC 22 12:24:46.2, 2.7, 8.08S: 123.77E, h110km, 26km, mb3.9/1, Error ellipse: s-maj=31.9km s-min=22.6km az=46.0

ISC 22 12:24:45.8, 3.0, 8.0S: 0.2x123.8E:0.2, h103km, 29km, n10, az=67.7/10, mb3.9/2, Flores region

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

2008 APR

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

CSEM 22 12:29:43.3, 38.28N:1.02W, h0km, ML1.2, Mining explosion. After MDD, Spain

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

ISC 22 12:35:07.8, 33.0, 15.94S: 177.78W, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.7/17, mbtmp3.8/4, Error ellipse: s-maj=530.7km s-min=152.5km az=84.0, Fiji Islands region

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

ISCJB 22 12:54:53.7, 0.8, 42.07N:0.06:79.40E:0.07, h10km, Error ellipse: s-maj=9.3km s-min=5.4km az=142.5

NNC 22 12:54:56.4, 1.6, 42.44N: 79.26E, h0km, mb3.9, mpv3.6, Error ellipse: s-maj=16.5km s-min=4.9km az=158.0

BUI 22 12:54:57.4, 41.94N: 79.72E, h15km, ML3.8

ISC 22 12:54:56.0, 8.42, 13N:100.07:79.24E:0.07, h10km, n17, 120/19, 5C-3D, Lake Issyk-Kul region

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

MOS 22 13:05:55.5, 1.6, 49.85N-97.76E, h9km, mb4.4/1, Error ellipse: s-maj=99.9km s-min=26.2km az=52.0, Tuva-Buryatia-Mongolia border region

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

1034

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

ISC 22 13:45:56.1, 7.1, 81S: 128.56E, h0km, mb3.6/2, mb1 3.7/4, mb1mx3.4/19, mbtmp3.6/4, ML3.4/2, Error ellipse: s-maj=108.9km s-min=24.1km az=74.0

DJA 22 13:15:09.2, 70S: 127.99E, h3km, MLV3.2/5

ISCJB 22 13:15:10.3, 0.9, 2.85S: 0.06:128.0E:0.1, h72km, 14km, Error ellipse: s-maj=17.8km s-min=9.9km az=174.1

ISC 22 13:15:11.2, 1.0, 2.85S: 0.06:128.1E:0.1, h56km, 21km, n8, az=69/10, Ceram Sea

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

GUC 22 13:33:29.6, 0.5, 21.66S: 68.51W, h114km, 4km, MD3.4, ML3.5, 3C-2D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LVC, LVC, PB04, etc.

ISC 22 13:46:43.7, 13.0, 0.16N: 89.82W, h0km, mb3.7/3, mb1 4.0/3, mb1mx3.7/16, mbtmp3.7/3, MS3.0/1, Ms1 3.0/1, ms1mx2.2/25, Error ellipse: s-maj=308.8km s-min=165.5km az=25.0, Galapagos Islands

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

ISC 22 14:00:55.8, 9.5, 13.21S: 66.64E, h0km, mb3.5/2, mb1 3.8/2, mb1mx3.3/22, mbtmp3.5/2, Error ellipse: s-maj=69.74km s-min=54.3km az=35.0, Mid-Indian Ridge

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

NEIC 22 14:16:33.2, 14.35N: 92.76W, h22km, MD4.2 (MEX), After MEX.

MEX 22 14:16:32.8, 0.7, 14.33N: 92.76W, h20km, 44km, MD4.2, Near coast of Chiapas

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

CSEM 22 14:46:29.1, 46.23N: 6.97E, h-1km, ML1.0, Suspected Mining explosion. After ZUR 22 14:46:29.1, 46.23N: 6.97E, h-1km, 4km, ML1.0/5.2C, Suspected Mining explosion, Switzerland

Table with columns for station code, name, coordinates, and various performance metrics. Includes stations like Nanjing, Yuzh-Sakhalins, Petropavlovsk, and others.

Table with columns for station code, name, coordinates, and various performance metrics. Includes stations like Neumayer-Watz, Lhasa, Zhemshu, and others.

Table with columns for station code, name, coordinates, and various performance metrics. Includes stations like Unterbreizbach, Wetzell, Molln, and others.

Table with columns for code, station name, and various performance metrics. Includes stations like Port Laguerre, Stephens Creek, and others.

ISCJB 22 15:54:03.7.1.7, 43.06N:07:126.4W:0.2, h10km, mb3.6/3, MS3.2/3, Error ellipse: s-maj=20.7km s-min=7.6km az=157.5
 IDC 22 15:54:04.9.3.2, 43.08N:126.22W, h0km, mb3.3/3, mb1.3/6.7, mb1mx3.5/27, mbtmp3.3/7, ML3.1/2, MS3.3/7, Ms1.3.3/7, ms1mx3.1/18, Error ellipse: s-maj=47.4km s-min=19.6km az=58.0

NEIC 22 15:54:08.4.1.9, 43.08N:125.99W, h10km, mb3.8/4, Error ellipse: s-maj=24.2km s-min=7.7km az=74.0
 ISC 22 15:54:06.7.4.1, 43.08N:07:126.4W:0.2, h15km, 26km, n135, r134/33, mb3.6/3, MS3.2/3, Off coast of Oregon

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
HUMO	Hull Mountain	2.58	99	Op	15 54 46	-3.2	Pn	15 54 46
COR	Corvallis	2.70	55	eP	15 54 48	-0.9	Pn	15 54 48
BBOR	Butler Butte	2.74	93	eP	15 54 48	-1.7	Pn	15 54 48
HIEBO	Mount Hebo	2.86	41	eP	15 54 50	-1.4	Pn	15 54 50
YBH	Yreka Blue Hor	3.05	115	Pn	15 54 51	-3.0	Pn	15 54 51
YBH		1.4nm, 0.3s, baz=305, slow=9.7, SNR=9.1		Sn	15 55 31	+0.5	Sn	15 55 31
YBH		0.4nm, 0.3s, baz=54, slow=19, SNR=2.0		LR	15 56 13.7		LR	15 56 13.7
IRO	Indian Ridge	3.15	72	P	15 54 54	-1.0	Pn	15 54 54
BUOR	Burton Butte	3.17	103	P	15 54 58	-1.2	Pn	15 54 58
HUOR	Hudson	3.08	71	P	15 54 59	-0.6	Pn	15 54 59
HOPD	Mount Hood Mea	4.42	69	ePn	15 55 09	+0.8	Pn	15 55 09
VIPM	Ingram Point	4.62	69	Pn	15 55 12	-1.1	Pn	15 55 12
MOD	Modoc	4.66	103	P	15 55 18	+1.9	Pn	15 55 18
LON	Longmire	4.90	40	eP	15 55 21	+1.2	Pn	15 55 21
HTW	Haystack Looko	5.73	33	eP	15 55 33	+0.1	Pn	15 55 33
RPW	Rockport	6.36	31	eP	15 55 39	-0.2	Pn	15 55 39
BMO	Blue Mountains	6.79	72	eP	15 55 44	-1.8	Pn	15 55 44
NVAR	Mina Array Bea	7.70	124	Pn	15 55 59	+0.8	Pn	15 55 59
ELK	Elko	8.64	102	Pn	15 56 12	+1.3	Pn	15 56 12
ELK		0.1nm, 0.3s, baz=301, slow=11, SNR=8.4		LR	15 59 40.0		LR	15 59 40.0
BBB	Bella Bella	9.18	353	LR	15 59 24.8		LR	15 59 24.8
N13A	Wendover, West	9.35	100	eP	15 56 22	+1.1	Pn	15 56 22
BSMT	Bassoo Peak	9.45	56	eP	15 56 23	+1.3	Pn	15 56 23
MSO	Missoula	9.59	63	eP	15 56 25	+1.8	Pn	15 56 25
MCMT	McKenzie Canyo	9.93	75	eP	15 56 31	+2.6	Pn	15 56 31
TPAW	Teton Pass	11.27	83	eP	15 56 49	+2.3	Pn	15 56 49
PDAR	Pinedale Array	12.35	86	Pn	15 57 03	+1.3	Pn	15 57 03
DLBC	Dease Lake	15.54	353	Pn	15 57 52	+7.8	Pn	15 57 52
SDCO	Great Sand Dun	16.77	101	eP	15 58 00	-0.9	Pn	15 58 00
ANMO	Albuquerque	17.47	111	LR	16 05 26.7		LR	16 05 26.7
BNN	Barren Site	17.81	113	P	15 58 12	-1.2	Pn	15 58 12
FFC	Flin Flon	19.72	45	eP	15 58 35	-1.2	Pn	15 58 35
YKA	Yellowknife Ar	20.64	16	P	15 58 47	+1.7	Pn	15 58 47
AGMN	Agassiz Refuge	21.87	66	eP	15 58 58	-0.8	Pn	15 58 58
ULM	Lac du Bonnet	22.03	60	P	15 58 59	-1.3	Pn	15 58 59
ULM		1.1nm, 0.3s, mb3.7, baz=266, slow=12, SNR=3.1		LR	16 07 31.2		LR	16 07 31.2
ULM		comp=Z, 7.7nm, 20.1s, MS3.1, baz=315, slow=37		P	15 58 59	-1.3	Pn	15 58 59
TXAR	Lajitas Array	22.81	120	P	16 07 31.2		Pn	16 07 31.2
TXAR		0.6nm, 0.3s, mb3.0, baz=306, slow=7.7, SNR=3.2		LR	16 07 59.3		LR	16 07 59.3
ROSC	Ei Rosal	59.60	114	LR	16 32 17.9		LR	16 32 17.9
ROSC		comp=Z, 7.9nm, 18.6s, MS3.2, baz=5.0, slow=37		LR	16 32 17.9		LR	16 32 17.9

ATH 22 15:59:12.9, 35.89N:24.06E, h55km, 7km, MD3.5/12
 NEIC 22 15:59:12.9, 35.89N:24.06E, h55km, MD3.5(ATH), After ATH

ISCJB 22 15:59:13.5.1.3, 35.9N:01:24.0E:0.1, h60km, 26km, Error ellipse: s-maj=26.0km s-min=6.2km az=41.7
 CSEM 22 15:59:13.8.0.1, 35.83N:24.02E, h60km, MD3.5, Error ellipse: s-maj=8.3km s-min=3.4km az=41.0

ISC 22 15:59:14.1.1.2, 35.9N:01:24.0E:0.1, h57km, 26km, n26, r0549/31, Crete

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
KARN	Karanos	0.46	191	eP	15 59 25	+0.3	Pn	15 59 25
KARN				eS	15 59 33	+0.4	Pn	15 59 33
KARN	Karanos	0.46	191	eP	15 59 25	+0.3	Pn	15 59 25
KARN				eS	15 59 33	+0.4	Pn	15 59 33
VAM	Vamos	0.47	162	eP	15 59 25	+0.4	Pn	15 59 25
VAM				eS	15 59 35	+0.6	Pn	15 59 35
IDI	Anoyia	0.90	128	P	15 59 30	+0.2	Pn	15 59 30
IDI	Anoyia	0.90	128	P	15 59 30	+0.2	Pn	15 59 30
KYTH	Kithira	0.91	298	eP	15 59 30	-0.4	Pn	15 59 30
KYTH	Kithira	0.91	298	eP	15 59 30	-0.4	Pn	15 59 30
VLI	Vellai	1.23	315	eP	15 59 35	+0.0	Pn	15 59 35
VLI	Vellai	1.23	315	eS	15 59 50	-0.8	Pn	15 59 50
VLI	Vellai	1.23	315	eP	15 59 35	+0.0	Pn	15 59 35
VLI	Vellai	1.23	315	eS	15 59 50	-0.8	Pn	15 59 50
LAST	Lastithi	1.37	120	eP	15 59 36	-0.2	Pn	15 59 36
LAST	Lastithi	1.37	120	eP	15 59 36	-0.2	Pn	15 59 36
NPS	Neapolis	1.42	114	eP	15 59 36	-1.1	Pn	15 59 36
NPS	Neapolis	1.42	114	eP	15 59 36	-1.1	Pn	15 59 36
DID	Didima	1.77	339	eP	15 59 42	+0.2	Pn	15 59 42
DID				eS	16 00 03	+0.2	Pn	16 00 03
DID	Didima	1.77	339	eP	15 59 42	+0.2	Pn	15 59 42
ZKR	Zakros	1.93	112	eP	15 59 45	+0.8	Pn	15 59 45
ZKR	Zakros	1.93	112	eP	15 59 45	+0.8	Pn	15 59 45
PYL	PYLOS	2.12	300	eP	15 59 47	-0.1	Pn	15 59 47
PYL	PYLOS	2.12	300	eP	15 59 47	-0.1	Pn	15 59 47
LTK	Loutrakí	2.33	339	eP	15 59 50	+0.7	Pn	15 59 50
LTK	Loutrakí	2.33	339	eP	15 59 50	+0.7	Pn	15 59 50
GUR	Goura	2.48	327	eP	15 59 52	+0.6	Pn	15 59 52
GUR	Goura	2.48	327	eP	15 59 52	+0.6	Pn	15 59 52
KARP	Karpathos	2.57	96	eP	15 59 53	-0.2	Pn	15 59 53
KARP	Karpathos	2.57	96	eP	15 59 53	-0.2	Pn	15 59 53

ISCJB 22 16:08:27.0.0.7, 50.38N:0.05, h18.86E:0.03, h0km, Error ellipse: s-maj=7.0km s-min=2.9km az=10.2
 CSEM 22 16:08:27.6.0.3, 50.42N:18.86E, h2km, ML2.5/6, Error ellipse: s-maj=7.0km s-min=2.7km az=1.0

IPEC 22 16:08:27.3.0.2, 50.40N:18.92E, h2km, 1km, ML1.7/3, Error ellipse: s-maj=2.6km s-min=1.2km az=171.0
 WAR 22 16:08:28.0, 50.36N:18.93E, ML3.2, Mining Induced
 PRU 22 16:08:28.3, 50.43N:18.84E, h0km

ISC 22 16:08:39.0, 50.39N:0.05, h18.87E:0.03, h0km, n21, r0580/39, Poland

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
OJC	Ojcow	0.62	105	eP	16 08 39	+0.4	Pg	16 08 39
OJC				eSg	16 08 47	-0.1	Pg	16 08 47
OJC	Ojcow	0.62	105	eP	16 08 39	+0.4	Pg	16 08 39
OJC				eSg	16 08 47	-0.1	Pg	16 08 47
OJK	Ostrava-Krasne	0.72	220	eP	16 08 47	-0.1	Pg	16 08 47
OJK				eSg	16 08 53	+2.2	Pg	16 08 53
OKK	Ostrava-Krasne	0.72	220	eP	16 08 41	-0.8	Pg	16 08 41
OKK				Sg	16 08 53	+2.2	Pg	16 08 53
MORC	Moravsky Berou	1.05	235	eP	16 08 47	-0.2	Pg	16 08 47
MORC				eSg	16 09 01	-0.5	Pg	16 09 01
NIE	Niedzica	1.35	136	eP	16 08 53	-0.8	Pg	16 08 53
NIE				eSg	16 09 12	+0.8	Pg	16 09 12
NIE	Niedzica	1.35	136	eP	16 08 53	-0.8	Pg	16 08 53
NIE				eSg	16 09 12	+0.8	Pg	16 09 12

NIE	DPC	DPC	DPC	DPC	KSP	KSP	STHS	STHS	STHS	STHS	VRAC	VRAC	VYHS	VYHS	VYHS	VYHS	KRUC	KRUC	KECS	PRU	PRU	PRU	KHC	KHC	KHC	KHC	KHC	KHC													
Dobruska-Polom	1.63	270	eSg	16 09 12	+0.8	eP	16 08 57	-0.3	eSg	16 09 20	-0.2	1.63	270	ePn	16 08 57	-0.2	1.70	287	eP	16 09 00	+1.1	1.82	121	ePn	16 09 02	-0.7	1.82	121	eS	16 09 27	+1.1	1.82	121	ePn	16 09 27	+1.1	1.83	235	ePn	16 09 00	-0.3

IDC 22 16:11:01.07:56.0, 19:17S:178.68W, h0km, mb3.7/3, mb1.3/9.3, mb1mx3.5/15, mbtmp3.7/3, Error ellipse: s-maj=1014.0km s-min=161.2km az=81.0, Fiji Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
STKA	Stevens Creek	37.81	242	P	16 18 20	+0.3	P	16 18 20
WAR	Warrangarr Arr	44.17	261	P	16 19 12	-0.1	P	16 19 12
WAR	Alice Springs	44.22	255	P	16 19 12	-0.2	P	16 19 12

IDC 22 16:13:13.0.2.9, 30:67S:178:40W, h27km, 6km, mb3.8/4, mb1.3/9.4, mb1mx3.7/14, mbtmp3.8/4, Error ellipse: s-maj=105.3km s-min=35.5km az=151.0, Kermadec Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
STKA	Stevens Creek	34.09	257	P	16 19 55	-0.2	P	16 19 55
ASAR	Alice Springs	42.75	267	P	16 21 07	-0.4	P	16 21 07
ASAR		0.4nm, 0.6s, baz=116, slow=8.2, SNR=10		pP	16 21 16	-0.4	Pn	16 21 16
WRA	Warrangarr Arr	43.77	273	P	16 21 16	+0.3	P	16 21 16
WRA		0.8nm, 0.8s, baz=113, slow=8.5, SNR=8.3		pP	16 21 25	+0.6	Pn	16 21 25
WRA		1.1nm, 0.5s, baz=113, slow=7.8, SNR=8.9		pP	16 22 34	-0.3	Pn	16 22 34
NWAO	Narrows	53.92	250	P	16 32 44	-0.7	P	16 32 44
FINES	FINESS Array B	145.28	340	PKPbc	16 32 46	-0.7	PKPbc	16 32 46
FINES		0.8nm, 0.4s, baz=31, slow=4.4, SNR=8.8		pPKPbc	16 32 55	-1.0	pPKPbc	16 32 55
FINES		1.5nm, 0.5s, baz=33, slow=4.3, SNR=4.0		pPKPbc	16 32 55	-1.0	pPKPbc	16 32 55

SOR	6.30 158	P	Pn	17 55 16.6	-1.0	HDK1	Dakhla	10.24 175	P	Pn	17 56 10.9	-0.5	BRG	Bergliesshubel	18.38 330	eP	Pn	17 57 56.9	-0.8
MMAOB	Mount Meron ar	6.33 114	Pn	17 55 17.9	0.0	HDK1	Dakhla	10.24 175	P	Pn	17 56 10.9	-0.5	FRF	La Foret Royal	18.50 301	eP	Pn	17 57 57.6	-1.7
MMAOB	Mount Meron Ar	6.33 114	Sn	17 56 26.9	-1.9	HDFG	baz=151	10.29 152	P	Pn	17 56 12.0	-0.1	FRF	La Foret Royal	18.50 301	eP	Pn	17 57 57.6	-1.7
MMAI	comp=N,6.8nm,0.3s,baz=304,slow=12,SNR=16			17 55 17.8	-0.1	HDFG	baz=151	10.29 152	P	Pn	17 56 12.0	-0.1	FRF	La Foret Royal	18.50 301	eP	Pn	17 57 57.6	-1.7
MMAI	comp=N,27nm,0.3s,baz=299,slow=28,SNR=14			17 56 28.1	-0.6	HDFG	baz=151	10.29 152	P	Pn	17 56 12.0	-0.1	FRF	La Foret Royal	18.50 301	eP	Pn	17 57 57.6	-1.7
KDZ	Kurdzhal	6.34 338	P	17 55 20.1	+2.1	GTR	Jabal at Taysr	10.39 170	P	Pn	17 56 12.5	-1.0	FRF	La Foret Royal	18.50 301	eP	Pn	17 57 57.6	-1.7
KDZ	Kurdzhal	6.34 338	P	17 55 20.1	+2.1	GTR	Jabal at Taysr	10.39 170	P	Pn	17 56 12.5	-1.0	FRF	La Foret Royal	18.50 301	eP	Pn	17 57 57.6	-1.7
HNAT	Natron	6.39 163	P	17 55 18.8	+0.1	STON	Ston	10.96 313	i/P	Pn	17 56 19.7	-1.5	NKC	Novy Kostel	18.56 326	P	Pn	17 57 59.0	-0.8
HRSH	Kfar Ka' horesh	6.39 167	P	17 55 20.9	+2.2	STON	Ston	10.96 313	i/P	Pn	17 56 19.7	-1.5	WERN	Wernitzgruen	18.63 326	eP	Pn	17 57 59.7	-1.0
FYM	Al Fayyum	6.44 160	P	17 55 20.0	+0.6	HQSR	baz=151	11.20 152	P	Pn	17 56 24.6	+0.1	TANN	Tannenbergs	18.68 326	eP	Pn	17 58 00.0	-1.3
FYM	Al Fayyum	6.44 160	P	17 55 20.0	+0.6	HQSR	baz=151	11.20 152	P	Pn	17 56 24.6	+0.1	GUNZ	Grabenberg Arr	18.70 326	eP	Pn	17 58 00.4	-1.2
KSDI	Kefar Szold	6.44 112	Pn	17 55 19.5	+0.1	HQSR	Mersa Alam	11.20 151	P	Pn	17 56 24.6	+0.1	GRA1	Grabenberg Arr	18.76 323	eP	Pn	17 58 03.1	+0.8
KSDI	Kefar Szold	6.44 112	Pn	17 56 28.4	-3.1	EMRS	Mersa Alam	12.04 151	P	Pn	17 56 36.7	+0.7	GRA1	Grabenberg Arr	18.76 323	eP	Pn	17 58 03.1	+0.8
RCY	Rachaya	6.44 109	ePn	17 55 19.7	+0.2	BURAR	Buovicina Array	12.07 349	i/P	Pn	17 56 44.3	+0.8	GRF	Grabenberg Arr	18.76 323	eP	Pn	17 58 03.1	+0.8
RCY	Rachaya	6.44 109	ePn	17 55 19.7	+0.2	NVLJ	Novalija	13.61 314	ePn	Pn	17 56 55.6	-1.7	GRF	Grabenberg Arr	18.76 323	eP	Pn	17 58 03.1	+0.8
AYT	Al 'Ayyat	6.46 159	P	17 55 20.1	+0.4	NVLJ	Novalija	13.61 314	ePn	Pn	17 59 21.0	-5.8	GRF	Grabenberg Arr	18.76 323	eP	Pn	17 58 03.1	+0.8
AYT	Al 'Ayyat	6.46 159	P	17 55 20.1	+0.4	NVLJ	Novalija	13.61 314	ePn	Pn	17 59 21.0	-5.8	GRF	Grabenberg Arr	18.76 323	eP	Pn	17 58 03.1	+0.8
AMAG	Maghara	6.46 141	P	17 55 18.9	-0.8	NVLJ	Novalija	13.61 314	ePn	Pn	17 56 55.6	-1.7	GRF	Grabenberg Arr	18.76 323	eP	Pn	17 58 03.1	+0.8
AMAG	Maghara	6.46 141	P	17 55 20.4	+0.6	NVLJ	Novalija	13.61 314	ePn	Pn	17 57 07.6	+6.2	GRF	Grabenberg Arr	18.76 323	eP	Pn	17 58 03.1	+0.8
HRI	Mount Hermon	6.46 111	Pn	17 55 20.4	+0.6	KOLS	Kolonicke sedl	13.92 343	eP	Pn	17 57 07.6	+6.2	GRF	Grabenberg Arr	18.76 323	eP	Pn	17 58 03.1	+0.8
HRI	Mount Hermon	6.46 111	Pn	17 56 30.2	-2.0	BOJS	Bojanci	13.97 318	i/Pn	Pn	17 57 02.3	+0.2	GRF	Grabenberg Arr	18.76 323	eP	Pn	17 58 03.1	+0.8
SLTI	Sal'it	6.47 121	Pn	17 56 19.8	0.0	BOJS	Bojanci	13.97 318	i/Pn	Pn	17 57 02.3	+0.2	GRF	Grabenberg Arr	18.76 323	eP	Pn	17 58 03.1	+0.8
SLTI	Sal'it	6.47 121	Pn	17 56 29.1	-3.1	VISS	Visnje	14.38 318	i/Pn	Pn	17 57 08.2	+0.6	WERO	Werda	18.77 326	eP	Pn	17 58 01.0	-1.4
KOT	Kottamia	6.47 154	P	17 55 20.4	+0.5	VISS	Visnje	14.38 318	i/Pn	Pn	17 57 08.2	+0.6	MBDF	Montbardon	18.80 305	eP	Pn	17 58 01.5	-1.3
KOT	Kottamia	6.47 154	P	17 55 20.4	+0.5	KNDS	Knezji Dol	14.46 317	ePn	Pn	17 57 10.0	+1.4	MBDF	Montbardon	18.80 305	eP	Pn	17 58 01.5	-1.3
KOT	Kottamia	6.47 154	P	17 55 20.4	+0.5	KNDS	Knezji Dol	14.46 317	ePn	Pn	17 57 10.0	+1.4	MBDF	Montbardon	18.80 305	eP	Pn	17 58 01.5	-1.3
RSH	Hagoal	6.49 136	P	17 55 20.3	+0.8	YVHS	Vyhne	14.57 334	eP	Pn	17 57 15.5	+5.5	MBDF	Montbardon	18.80 305	eP	Pn	17 58 01.5	-1.3
HHAG	Hagoal	6.55 152	P	17 55 21.6	+0.6	YVHS	Vyhne	14.57 334	eP	Pn	17 57 15.5	+5.5	MBDF	Montbardon	18.80 305	eP	Pn	17 58 01.5	-1.3
HHAG	Hagoal	6.55 152	P	17 55 21.6	+0.6	AKASG	Malin Array B	14.92 2	P	Pn	17 57 20.2	+5.8	MBDF	Montbardon	18.80 305	eP	Pn	17 58 01.5	-1.3
RZN	Rozhen	6.60 334	P	17 55 23.4	+1.9	AKASG	Malin Array B	14.92 2	P	Pn	17 57 17.5	+3.0	MBDF	Montbardon	18.80 305	eP	Pn	17 58 01.5	-1.3
RZN	Rozhen	6.60 334	P	17 55 23.4	+1.9	AKASG	Malin Array B	14.92 2	P	Pn	17 57 17.5	+3.0	MBDF	Montbardon	18.80 305	eP	Pn	17 58 01.5	-1.3
MMLI	Mount Malkishu	6.63 118	Pn	17 55 22.9	+0.6	OBKA	Obir	14.99 320	i/Pn	Pn	17 57 16.2	+0.7	CLL	Collim	19.10 329	i/P	Pn	17 58 04.5	-1.8
MMLI	Mount Malkishu	6.63 118	Pn	17 56 33.0	-3.2	OBKA	Obir	14.99 320	i/Pn	Pn	17 57 16.2	+0.7	CLL	Collim	19.10 329	i/P	Pn	17 58 04.5	-1.8
KSHT	Keshet	6.65 113	Pn	17 55 22.9	+0.6	VOY	Vojsko	15.04 317	ePn	Pn	17 57 16.2	+0.8	CLL	Collim	19.10 329	i/P	Pn	17 58 04.5	-1.8
FKH	Fakeheh	6.65 101	ePn	17 55 22.9	+0.6	VOY	Vojsko	15.04 317	ePn	Pn	17 57 16.2	+0.8	CLL	Collim	19.10 329	i/P	Pn	17 58 04.5	-1.8
FKH	Fakeheh	6.65 101	ePn	17 55 22.9	+0.6	VOY	Vojsko	15.04 317	ePn	Pn	17 57 16.2	+0.8	CLL	Collim	19.10 329	i/P	Pn	17 58 04.5	-1.8
HSAF	As Saif	6.66 157	P	17 55 22.1	-0.4	VOY	Vojsko	15.04 317	ePn	Pn	17 57 16.2	+0.8	CLL	Collim	19.10 329	i/P	Pn	17 58 04.5	-1.8
HSAF	As Saif	6.66 157	P	17 55 22.1	-0.4	VOY	Vojsko	15.04 317	ePn	Pn	17 57 16.2	+0.8	CLL	Collim	19.10 329	i/P	Pn	17 58 04.5	-1.8
GLL	Jalalah	6.75 156	P	17 55 23.6	-0.1	KEST	Kesra	15.57 275	P	Pn	17 57 26.7	+3.8	CLL	Collim	19.10 329	i/P	Pn	17 58 04.5	-1.8
GLL	Jalalah	6.75 156	P	17 55 23.6	-0.1	KEST	Kesra	15.57 275	P	Pn	17 57 26.7	+3.8	CLL	Collim	19.10 329	i/P	Pn	17 58 04.5	-1.8
VLS	Valsamata	6.78 293	P	17 55 25.1	+1.1	QOC	Qosteb-Krasne	15.95 335	eAMS	AMS	18 04 20.0		CLL	Collim	19.10 329	i/P	Pn	17 58 04.5	-1.8
VLS	Valsamata	6.78 293	P	17 55 25.1	+1.1	KBA	Koelnbreinsper	15.99 320	i/Pn	Pn	17 57 30.0	+1.8	CLL	Collim	19.10 329	i/P	Pn	17 58 04.5	-1.8
HMDT	Nahal Hemdat	6.80 119	Pn	17 55 25.1	+0.7	KBA	Koelnbreinsper	15.99 320	i/Pn	Pn	17 57 30.0	+1.8	LPG	La Plagne	19.10 307	eP	Pn	17 58 05.4	-1.0
HMDT	Nahal Hemdat	6.80 119	Pn	17 56 38.6	-1.8	VRAC	Vranov	16.09 331	P	Pn	17 57 30.5	+1.1	LPG	La Plagne	19.10 307	eP	Pn	17 58 05.4	-1.0
MMB	Musomiste	6.90 323	Pn	17 55 32.7	+7.0	VRAC	Vranov	16.09 331	P	Pn	17 57 30.5	+1.1	LPG	La Plagne	19.10 307	eP	Pn	17 58 05.4	-1.0
KZIT	Kzuit	6.92 139	Pn	17 55 26.4	+0.4	VRAC	Vranov	16.09 331	P	Pn	17 57 30.5	+1.1	LPG	La Plagne	19.10 307	eP	Pn	17 58 05.4	-1.0
KZIT	Kzuit	6.92 139	Pn	17 56 37.9	-5.4	VRAC	Vranov	16.09 331	P	Pn	17 57 30.5	+1.1	LPG	La Plagne	19.10 307	eP	Pn	17 58 05.4	-1.0
SUZ	Suz	6.95 147	P	17 55 26.6	+0.1	VRAC	Vranov	16.09 331	P	Pn	17 57 30.5	+1.1	LPG	La Plagne	19.10 307	eP	Pn	17 58 05.4	-1.0
SUZ	Suz	6.95 147	P	17 55 26.6	+0.1	MORC	Moravsky Berou	16.11 334	eP	Pn	17 57 32.7	+3.0	LPG	La Plagne	19.10 307	eP	Pn	17 58 05.4	-1.0
RTMI	Retamim	7.02 202	P	17 55 27.3	-0.1	MORC	Moravsky Berou	16.11 334	eP	Pn	17 57 32.7	+3.0	LPL	La Plagne	19.12 307	eP	Pn	17 58 05.8	-0.8
RTMI	Retamim	7.02 202	P	17 55 27.3	-0.1	MORC	Moravsky Berou	16.11 334	eP	Pn	17 57 32.7	+3.0	LPL	La Plagne	19.12 307	eP	Pn	17 58 05.8	-0.8
SWA2	SWA2	7.02 202	S	17 56 39.2	-6.5	MORC	Moravsky Berou	16.11 334	eP	Pn	17 57 32.7	+3.0	LPL	La Plagne	19.12 307	eP	Pn	17 58 05.8	-0.8
SWA2	SWA2	7.02 202	S	17 56 39.2	-6.5	MORC	Moravsky Berou	16.11 334	eP	Pn	17 57 32.7	+3.0	LPL	La Plagne	19.12 307	eP	Pn	17 58 05.8	-0.8
DSI	Dead Sea	7.10 124	Pn	17 55 27.3	-0.1	ABTA	Abfaltersbach	16.24 317	i/Pn	Pn	17 57 31.5	+0.2	LPL	La Plagne	19.12 307	eP	Pn	17 58 05.8	-0.8
DSI	Dead Sea	7.10 124	Pn	17 55 28.5	0.0	ABTA	Abfaltersbach	16.24 317	i/Pn	Pn	17 57 31.5	+0.2	LPL	La Plagne	19.12 307	eP	Pn	17 58 05.8	-0.8
DSI	Dead Sea	7.10 124	Pn	17 56 46.3	-1.4	ABTA	Abfaltersbach	16.24 317	i/Pn	Pn	17 57 31.5	+0.2	LPL	La Plagne	19.12 307	eP	Pn	17 58 05.8	-0.8
HBNS	Bani Suwayf	7.19 161	Pn	17 55 29.1	-0.5	TREC	Trest	16.53 329	eP	Pn	17 57 37.1	+2.1	MOX	Moxa	19.23 326	eP	Pn	17 58 07.6	-0.2
HBNS	Bani Suwayf	7.19 161	Pn	17 55 29.1	-0.6	TREC	Trest	16.53 329	eP	Pn	17 57 37.1	+2.1	MOX	Moxa	19.23 326	eP	Pn	17 58 07.6	-0.2
MZDA	Masada	7.25 126	Pn	17 55 30.8	+0.3	TREC	Trest	16.53 329	eP	Pn	17 57 37.1	+2.1	MOX	Moxa	19.23 326	eP	Pn	17 58 07.6	-0.2
MZDA	Masada	7.25 126	Pn	17 56 48.4	-3.0	TREC	Trest	16.53 329	eP	Pn	17 57 37.1	+2.1	MOX	Moxa	19.23 326	eP	Pn	17 58 07.6	-0.2
ZAF	Zaf	7.32 151	P	17 55 32.2	+0.6	REJOC	Joehberg	16.70 320	eP	Pn	17 57 39.5	+2.4	MOX	Moxa	19.23 326	eP	Pn	17 58 07.6	-0.2
ZAF	Zaf	7.32 151	P	17 55 32.2	+0.6	REJOC	Joehberg	16.70 320	eP	Pn	17 57 39.5	+2.4	MOX	Moxa	19.23 326	eP	Pn	17 58 07.6	-0.2
KKB	Krupnik	7.40 327	P	17 55 34.5	+1.9	GEC2	GERESS Array S	17.00 325	eP	Pn	17 57 40.7	-0.1	MOX	Moxa	19.23 326	eP	Pn	17 58 07.6	-0.2
KKB	Krupnik	7.40 327	P	17 55 34.5	+1.9	GEC2	GERESS Array S	17.00 325	eP	Pn	17 57 40.7	-0.1	MOX	Moxa	19.23 326	eP	Pn	17 58 07.6	-0.2
HNKL	Nakhl	7.43 140	Pn	17 55 32.8	-0.2	GEC													

22d 19h

Table of seismic events for 22d 19h, listing station names, coordinates, magnitudes, and arrival times. Includes stations like SMF, MEZF, MTLF, etc.

2008 APR

Main table of seismic events for 2008 APR, listing station names, coordinates, magnitudes, and arrival times. Includes stations like MKAR, DBIC, DBIC, etc.

1040

Table of seismic events for 1040, listing station names, coordinates, magnitudes, and arrival times. Includes stations like LUWI, APSI, KAPI, etc.

UMR	Umm Al-Rimman	3.22 261	eP	Pn	20 40 43.6	+1.2
QRN	Al-Qurain	3.30 247	eP	Pn	20 40 47.3	+0.2
KBD	Kabd	3.33 255	eP	Pn	20 40 44.3	+0.4
KBD	Kabd	3.33 255	eP	Pn	20 40 44.3	+0.4
MIB	Mutribah	3.51 266	eP	Pn	20 40 47.6	+0.3
MIB			eS	Pn	20 41 27.9	+0.2
MIB			AML	AML	20 41 40.5	
MIB	comp=Z,25nm,0.5s					
MIB	Mutribah	3.51 266	eP	Pn	20 40 46.7	+0.3
RDF	Al-Radifah	3.53 252	eP	Pn	20 40 47.6	+1.0
RDF			eS	Pn	20 41 27.8	+0.6
RDF			AML	AML	20 41 34.2	
RDF	comp=Z,39nm,0.5s					
RDF	Al-Radifah	3.53 252	eP	Pn	20 40 47.6	+0.9
IBAF	Baigh	3.90 67	eP	Pn	20 40 51.0	+0.8
IBAF			e	Pn	20 41 15.5	
BOGSS		4.57 203	P	Pn	20 41 01.7	+0.7
BNDS	Bandar-Abbas	5.00 121	ePn	Pn	20 41 01.5	+5.3
SLWS		5.32 187	P	Pn	20 41 10.5	+0.7
SLWS		5.32 187	P	Pn	20 41 10.5	+0.7
BTHS		6.04 185	P	Pn	20 41 20.1	+1.2
BTHS		6.04 185	P	Pn	20 41 20.0	+1.2

IDC 22:20:40:08.0,0.7,41:21Nk:114:83W,h0km,mb3.7/1,
mb1 4.1/6,mb1mx3.7/25,mbmtb3.8/6,ML4.3/3,MS2.8/3,
Ms1 2.8/3,ms1mx2.4/40,Error ellipse: s-maj=1.10km
s-min=4.9km az=135.0

ISCJB 22:20:40:09.0,0.1,41:172N,0:008:-114:81W,0:01,h10km,
mb4.3/2,MS4.0/3,Error ellipse: s-maj=1.5km s-min=1.2km
az=174.7

BUJ 22:20:40:09.2,41:20N:-114:80W,h17km,mb4.5/2,MS4.8/2,
Ms7 4.4/2

NEIC 22:20:40:09.2,41:22N:-114:81W,h8km,mb4.1/2,
ML4.4(REN),MW3.8(SLM),After REN.

NEIC Felt at Death.
ISC 22:20:40:09.9,0.1,41:177N,0:008:-114:82W,0:01,h10km,
n220,σ19/323,mb4.3/2,MS4.0/3,66C-86D,Nevada

Code	Station Name	Δ	A ^z	Op	Phase	ID	Time	Res
							h m s	ISC
M12A	Wells	0.35	344	Op	ISC		20 40 13.3	-1.7
M12A				Op	ISC		20 40 16.8	-1.7
N12A	Clover Valley	0.36	207	Op	Pg		20 40 17.1	0.0
N12A				Op	Pg		20 40 22.5	+0.6
N12A	Clover Valley	0.36	207	ePg	Pg		20 40 17.1	0.0
N12A				ePg	Pg		20 40 22.2	+0.2
M13A	Montello	0.53	70	Op	Sg		20 40 19.2	-1.0
M13A				Op	Sg		20 40 26.4	-0.7
M13A	Montello	0.53	70	ePg	Pg		20 40 19.2	-1.0
M13A				ePg	Pg		20 40 26.3	-0.8
ELK	Elko	0.54	216	Pg	Sg		20 40 19.9	-0.4
ELK				Pg	Sg		20 40 27.1	
ELK	Elko	0.54	216	ePg	Pg		20 40 20.1	-0.2
ELK				ePg	Pg		20 40 26.9	-0.4
N13A	Wendover West	0.57	124	Op	Sg		20 40 20.9	0.0
N13A				Op	Sg		20 40 28.6	+0.3
N13A	Wendover West	0.57	124	ePg	Pg		20 40 20.8	-0.1
N13A				ePg	Pg		20 40 23.4	-1.4
M11A	Holland Ranch	0.77	289	Op	Pg		20 40 33.7	-1.2
M11A				Op	Pg		20 40 33.7	-1.2
N11A	Elko Atchery C	0.78	243	Op	Pg		20 40 24.1	-0.8
N11A				Op	Pg		20 40 34.8	+0.3
O12A	Currie	0.91	176	Op	Pg		20 40 27.0	-0.4
O12A				Op	Pg		20 40 40.2	+0.9
L12A	House Creek Ra	0.98	352	Op	Pg		20 40 26.9	-1.9
L12A				Op	Pg		20 40 39.4	-2.1
L13A	Double Diamond	1.12	36	P	Sb		20 40 29.6	-1.8
L13A				Op	Sb		20 40 44.6	-1.5
M14A	Sheep Mountain	1.16	73	P	Pb		20 40 30.5	-1.5
M14A				Op	Pb		20 40 46.2	-0.9
L11A	Cat Creek Ranc	1.21	325	Op	Pb		20 40 30.8	-2.1
L11A				Op	Pb		20 40 46.7	-1.9
O11A	Cowboy Ranch	1.22	212	Op	Pn		20 40 32.5	-0.6
O11A				Op	Pn		20 40 49.1	+0.2
O13A	Hicks Ranch, I	1.23	148	Op	Pn		20 40 32.6	-0.5
O13A				Op	Pn		20 40 49.9	+0.9
N14A	Grayback Hills	1.28	104	P	Pn		20 40 32.9	-0.9
N14A				Op	Pn		20 40 50.5	0.0
M10A	LL Ranch, Tu	1.34	285	P	Pn		20 40 33.5	-1.2
M10A				Op	Pn		20 40 33.6	-1.3
N10A	Dunphy	1.36	251	Op	Pn		20 40 52.8	0.0
BGU	Big Grassy Mou	1.38	100	ePn	Pn		20 40 34.2	-0.9
BGU				eSn	Pn		20 40 50.6	-2.9
K12A	Draper Farm, C	1.46	358	P	Pn		20 40 34.3	-2.0
K12A				Op	Pn		20 40 53.2	-2.3
L14A	Malta	1.46	54	P	Pn		20 40 35.4	-1.0
L14A				Op	Pn		20 40 55.1	-0.8
L10A	Juniper Basin	1.53	307	P	Pn		20 40 36.0	-1.3
L10A				Op	Pn		20 40 56.6	-1.2
O10A	Cortez Mining	1.55	236	Op	Pn		20 40 37.0	-0.6
O10A				Op	Pn		20 40 59.2	+0.8
K13A	Stover Farm, H	1.57	20	Op	Pn		20 40 36.8	-1.1
K13A				Op	Pn		20 40 57.9	-1.1
HVU	Hansel Valley	1.65	68	ePn	Pn		20 40 38.1	-0.9
HVU				eSn	Pn		20 40 58.8	-1.4
P12A	McGill	1.70	182	Op	Pn		20 40 39.4	+0.3
P12A				S	Pn		20 41 01.9	+0.4
SPUT	South Promonto	1.79	85	ePn	Pn		20 40 40.0	-0.9
SPUT				eSn	Pn		20 40 59.3	-4.4
M15A	Larsen Ranch	1.81	80	P	Pn		20 40 40.3	-0.8
M15A				Op	Pn		20 41 05.6	-0.2
DUG	Dugway	1.82	122	Op	Pn		20 40 40.0	-1.2
DUG				Op	Pn		20 41 07.0	+1.0
DUG	Dugway	1.82	122	ePn	Pg		20 40 40.1	-1.0
DUG				ePn	Pg		20 40 42.5	-2.2
DUG				eSn	Pn		20 41 03.3	-0.9
P13A	Bates Ranch, G	1.83	160	P	Pn		20 40 40.5	-0.8
P13A				Sb	Pn		20 41 07.9	+1.6
K11A	Parker Ranch	1.83	331	P	Pn		20 40 40.9	-0.6
K11A				Op	Pn		20 41 05.1	-1.3

K14A	Jones Ranch, D	1.84	41	Op	Pn		20 40 40.8	-0.7
K14A				Op	Sb		20 41 05.9	-0.8
BMN	Battle Mountai	1.97	249	ePn	Pn		20 40 42.0	-1.3
BMN				eSn	Pn		20 41 08.3	+0.3
P10A	Eureka	2.00	219	Op	Pn		20 40 43.6	-0.1
O15A	The Old Anders	2.00	116	Op	Pn		20 40 43.0	-0.8
O15A				Op	Pn		20 41 12.9	+1.6
L15A	Malad City	2.01	65	Op	Pn		20 40 43.3	-0.5
L15A				Op	Sb		20 41 11.3	-0.1
P14A	Drum Mountains	2.08	139	P	Sb		20 40 44.2	+0.5
P14A				Op	Sb		20 41 15.1	+1.7
J12A	Stokes Ranch	2.08	354	Op	Pn		20 40 44.2	-0.7
J12A				Op	Sb		20 41 12.1	-1.5
Q12A	Willow Creek R	2.13	180	Op	Pn		20 40 45.3	-0.2
K10A	MacKenzie Ranc	2.21	317	Op	Pn		20 40 46.1	-0.5
K10A				Op	Sb		20 41 16.4	-1.0
J13A	Cove Ranch, Pi	2.27	12	Op	Sb		20 41 18.0	-1.1
K15A	Arbon	2.28	48	P	Pn		20 40 47.6	+0.1
K15A				Sb	Pn		20 41 19.1	-0.2
Q13A	Wheeler Ranch	2.30	164	P	Pn		20 40 47.4	-0.5
Q13A				Op	Sn		20 41 16.8	+0.5
J14A	Carey	2.35	24	P	Pn		20 40 49.0	+0.4
MFID	Camas Ranch	2.36	342	Op	Pn		20 40 48.5	-0.1
MFID				Sb	Pn		20 41 20.5	-1.1
CTU	Camp Tracy	2.38	101	ePn	Pn		20 40 48.6	-0.3
HLID	Hailey	2.40	7	Op	Pn		20 40 49.6	+0.4
HLID				Op	Sb		20 41 21.7	-1.2
HLID	Hailey	2.40	7	ePn	Pn		20 40 49.4	+0.1
HLID				eSn	Pn		20 41 21.1	+2.3
Q11A	Duckwater	2.42	196	Op	Sn		20 40 49.2	-0.2
Q11A				Op	Sn		20 41 19.4	+0.4
NLU	North Lily Min	2.42	119	ePn	Pn		20 40 48.3	-1.2
Q14A	Sevier Lake (B	2.49	151	Op	Pn		20 40 49.6	-0.8
HWUT	Hardware Ranch	2.49	79	ePn	Pn		20 40 49.9	-0.5
HWUT				eSn	Pn		20 41 15.9	-4.9
P15A	Leamington	2.52	129	Op	Pn		20 40 50.0	-0.9
JLU	Jordanelle	2.62	102	Op	Pn		20 40 49.8	-2.4
I12A	Atlanta	2.63	355	Op	Pn		20 40 52.8	+0.4
I12A				Op	Sb		20 41 28.7	-0.7
Q10A	Ole Creek Ra	2.64	208	Op	Pn		20 40 52.6	+0.1
Q10A				Op	Sn		20 41 24.8	+0.1
J10A	Berg Farm, Mei	2.67	328	Op	Pn		20 40 53.6	+0.6
J10A				Sb	Pn		20 41 29.9	-0.8
L16A	Fish Haven	2.68	71	Op	Pn		20 40 52.8	-0.2
MPU	Maple Canyon	2.69	114	ePn	Pn		20 40 52.3	-1.0
MPU				ePg	Pn		20 41 00.9	-0.6
MPU				eSn	Pn		20 41 22.8	-3.0
MPU				ePg	Pn		20 41 34.0	-2.3
O16A	Springville	2.70	110	Op	Sg		20 40 52.9	-0.5
O16A				S	Pn		20 41 26.2	0.0
I13A	Wildhorse Cree	2.79	11	P	Pn		20 41 55.1	+0.6
I13A				Op	Sb		20 41 32.9	-1.0
DAU	Daniels Canyon	2.81	105	ePn	Pn		20 40 55.0	+0.1
DAU				ePg	Pn		20 41 03.5	+0.3
J15A	Blackfoot	2.84	38	Op	Pg		20 40 55.5	+0.2
R12A	Pony Springs	2.85	177	Op	Pn		20 40 55.5	0.0
R12A				S	Pn		20 41 30.9	+1.2
I11A	Placerville	2.86	343	Op	Pn		20 40 56.2	+0.7
I11A				Op	Sb		20 41 35.0	-1.0
R11A	Troy Canyon, C	2.88	192	P	Pn		20 40 55.6	-0.3
R11A				Op	Pn		20 41 31.1	+0.5
K16A	Soda Springs	2.92	54	Op	Pn		20 40 57.0	+0.6
I14A	Mackay	2.93	20	Op	Pn		20 40 57.1	+0.6
I14A				Op	Sb		20 41 38.3	+0.2
R13A	O'Grain Ranch	3.06	167	Op	Pn		20 40 58.9	+0.5
J09A	Fry Pan Ranch	3.07	316	Op	Pn		20 40 58.6	+0.1
L17A	Cokeville	3.10	71	Op	Pn		20 40 59.9	+1.0
WVOR	Wild Horse Val	3.12	295	ePn	Pn		20 41 00.5	+1.4
WVOR				eSn	Pn		20 41 04.5	+8.1
M17A	Scully Gap (B	3.14	83	Op	Pn		20 41 01.0	+1.5
J16A	Bone	3.17	48	Op	Pn		20 41 00.5	+0.6
AHID	Auburn Hatcher	3.20	59	ePn	Pn		20 40 59.8	

22d 20h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MSO Rawlins, CHMT Chamberlain Mo, WDC Whiskeytown Da, etc.

200 APR

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TURN Turunc, DALT Dalyan (Mudla), MLSB Milas, etc.

1044

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like AWBH baz=175, AWBH Jabal Katrina, HKAT Jabal Katrina, etc.

ISCJB 22:20:45:09.8,0.3,36.76N,0.02:28.04E:0.03,h94km,4km, Error ellipse: s-maj=4.5km s-min=3km az=3.2
ISK 22:20:45:10.2,36.72N,28.05E,h89km,MD3.5
NEIC 22:20:45:10.8,36.85N,28.05E,h78km,MG3.0(ATH),After ATH.
ATH 22:20:45:10.8,36.85N,28.05E,h78km,3km
DDA 22:20:45:11.7,36.83N,28.06E,h54km,3km,MD3.2
CSEM 22:20:45:11.5,0.1,36.77N,28.10E,h80km,MD3.5,Error ellipse: s-maj=4.1km s-min=3.8km az=72.0
HLW 22:20:45:17.2,36.17N,28.28E,h33km,38km,MD4.1,MI3.1
ISC 22:20:45:11.3,0.3,36.78N,0.02:28.06E:0.03,h82km,5km,n130,119:09/160,4D,Dodecanese Islands

ASAR Alice Springs 46.27 192 P P 21 53 09.3 -0.1
KURK Kurchatov 57.36 317 P P 21 54 31.8 -0.3
YKA Yellowknife Arr 76.17 28 P P 21 56 32.0 +0.2

SKHL 22:21:52:37.4:0.4,54:23N;142:91E,h10km,mb3.6/1, Sakhalin Island.
Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC

IDC 22:21:59:51.5:3.3,5:26S;-145:52E,h0km,mb3.6/5, mb1 3.8/6,mb1mx3.7/15,mbmtmp3.7/6,ML3.3/1, Error ellipse: s-maj=90.7km s-min=25.8km az=103.0, Eastern New Guinea region

WRA Warramunga Arr 18:20 216 P P 22 04 05.8 0.0
ASAR Alice Springs 21.45 210 P P 22 04 42.2 +0.7
FITZ Fitzroy Crossi 23.24 235 P P 22 05 00.1 -0.5
CMAR Chiang Mai Arr 51.60 298 P P 22 09 00.0 -0.1

ISCJB 22:22:04:36.0:0.6,6:76N;0:07:72:84W;0:06,h172km,7km, mb3.1/2, Error ellipse: s-maj=13.0km s-min=6.5km az=140.6

FUNV 22:22:04:36.6:77N;73:11W,h167km,MMV3.6 IDC 22:22:04:36.8:0.8,6:74N;72:91W,h161km,10km,mb2.7/2, mb1 3.2/4,mb1mx3.0/21,mbmtmp3.0/4, Error ellipse: s-maj=39.8km s-min=7.5km az=131.0

ISC 22:22:04:37.1:0.6,6:74N;0:07:72:83W;0:06,h166km,7km, n20,c099/28,mb3.1/2,4C-2D,Northern Colombia

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC
CAPV Capacho 1.23 240 P P 22 05 05.4 +0.2
ROSC El Rosal 2.40 219 P P 22 05 17.7 -0.1
ROSC 12m,0.3s,baz=63,slow=2.3,SNR=14
ROSC 20m,0.3s,baz=74,slow=23,SNR=12

ISCJB 22:22:25:44.5:0.4,7:14S;0:06:150:70E;0:07,h32km, mb4.6/39,MS3.7/11, Error ellipse: s-maj=10.2km s-min=7.6km az=25.3

IDC 22:22:25:45.5:1.0,6:97S;150:66E,h27km,4km,mb4.1/14, mb1 4.3/14,mb1mx4.4/15,mbmtmp4.1/14,MS3.6/9, Ms1 3.6/9,ms1mx3.3/24, Error ellipse: s-maj=30.0km s-min=15.1km az=112.0

NEIC 22:22:25:46.5:0.3,7:05S;-150:66E,h35km,mb4.8/13, Error ellipse: s-maj=8.5km s-min=5.7km az=120.0
ISC 22:22:25:43.5:2.6,7:10S;0:06:150:74E;0:07,h13km,16km, h34km,7km;p-P,n93,c099/94,mb4.6/39,MS3.7/11,Northern Britain region

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC
CTA Charters Tower 13.63 198 LR P 22 30 20.5 +0.3
WRAB Tennant Creek 20.39 230 eP P 22 30 20.5 +0.3
WRA Warramunga Arr 20.41 230 P P 22 30 20.7 +0.3
GUMO Guam 21.36 344 LR LR 22 37 09.0

MJAR Matushiro Arr 44.97 346 P P 22 33 55.5 -2.9
MAJO Matushiro 44.97 346 P P 22 33 58.2 -0.2
KSRK Korea Array 49.18 336 P P 22 34 30.4 -0.8
KRSR comp=Z,54nm,20.7s,MS3.5,baz=195,slow=34
Nanjing 49.40 324 eP P 22 34 36.1 +3.0

CMAR Chiang Mai Arr 57.05 297 P P 22 35 29.1 -0.6
CD2 Chengdu 58.72 313 P P 22 35 43.3 +2.1
CD2 0.3m,0.5s,baz=37,slow=11.7,SNR=3.6
CD2 3.7nm,1.0s,baz=80,slow=7.1,SNR=3.0

HHC Hu-ho-hao-1e 59.76 326 eP P 22 35 50.9 +2.7
HHC comp=Z,2.2nm,0.6s,mb4.4
HHC 1.9m,0.6s,mb4.3,baz=134,slow=4.9,SNR=4.7
HHC 3.2nm,1.9s,MS3.5,baz=278,slow=32
LZH Lanzhou 61.49 318 eP P 22 36 03.0 +2.9

WMO WMO 75.76 6 eP P 22 37 28.4 -0.1
WMO 75.76 318 eP P 22 37 32.0 +1.2
WMO 75.76 318 eP P 22 37 42.0 +2.3
WMO 75.76 318 eP P 22 37 41.0 -4.3

SWVZ Sparrevohn 79.73 23 eP P 22 37 51.7 +0.9
RSO Redoubt South 80.51 25 eP P 22 37 55.4 +0.3
TTA Tatalina 80.64 22 eP P 22 37 56.0 +0.4
MKAR Makanchi Arr 80.72 320 P P 22 37 55.7 -0.8
MKAR comp=E,28nm,20.1s,MS3.6,baz=103,slow=5.4,SNR=6.3
MKAR Makanchi Array 80.72 320 eP P 22 37 55.7 -0.8

AAK Ala-Archa 84.76 314 P P 22 38 18.7 +1.1
AASK Ala-Archa 84.76 314 eP P 22 38 18.1 +0.6
AUP Oshrovka 84.82 315 eP P 22 38 19.2 +0.8
AML Almayasu 85.22 313 P P 22 38 20.8 +1.0

CSEM 22:33:15:6.0:2,50:40N;-18:72E,h2km,ML2.5/6, Error ellipse: s-maj=4.8km s-min=2.3km az=173.0
ISCJB 22:33:16:1:0.7,50:25N;0:05:18:79E;0:04,h0km, Error ellipse: s-maj=7.6km s-min=3.6km az=179.5
PRU 22:33:16:9,50:37N;-18:69E,h0km, IPEC 22:33:16:3:0.2,50:32N;-18:78E,h4km,1km,ML1.5/3, Error ellipse: s-maj=2.4km s-min=1.1km az=168.0
WAR 22:33:16:5,50:28N;-18:84E,ML2.2,Mining Induced ISC 22:33:16:4:0.7,50:29N;0:05:18:76E;0:04,h0km,n15,c099/27,Poland

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC
OKC Ostrava-Krasne 0.60 221 eP P 22 33 28.6 +0.7
OKC comp=Z,5.2nm,0.3s
OKC 0.60 221 eP P 22 33 28.4 +0.5
OKC 0.60 221 eP P 22 33 28.7 +2.1

IDC 23:00:00:45.6:0.5,25:66S;45:46W,h0km,mb4.7/18, mb1 4.9/20,mb1mx4.8/23,mbmtmp4.7/20,MS5.7/2,MS4.1/10, MS3.0/00:46:8:0.8,25:61S;45:65W,h10km,mb5.3/66, MS4.4/4, Error ellipse: s-maj=10.5km s-min=6.9km az=68.9
ISCJB 23:00:00:47.2:0.2,25:61S;0:04:45:41W;0:03,h10km, mb5.0/161,MS4.2/18, Error ellipse: s-maj=5.3km s-min=3.8km az=2.6
NEIC 23:00:00:47.8:0.2,25:76S;45:47W,h10km,mb5.2/138, MS4.4/4, Error ellipse: s-maj=6.2km s-min=3.9km az=171.0
NEIC Felt [V] at Santo Andre, Santos and Sao Bernardo do Campo; [II] at Campinas, Cotia, Indaiatuba, Osasco, Sao Caetano do Sul, Sao Paulo and Sao Roque; [II] at Rio de Janeiro, Brazil. Also felt at Angra dos Reis, Carapicua, Curitiba, Guarulhos, Ibituna, Iliabela, Itanhaem, Moji das Cruzes, Niteroi, Parati, Parauapebas, Praia Grande, Santa Barbara d'Oeste, Santos de Parnaiba, Sao Carlos, Sao Jose dos Campos, Taui and Ubaituba.
BUJ 23:00:00:49.7,25:80S;45:50W,h10km,mb5.2/9
ISC 23:00:00:48.6:0.1,25:65S;0:03:45:47W;0:03,h10km,n641,c077/592,mb5.0/161,MS4.2/18,121C-125D,South Atlantic Ocean

Code Station Name Az AZZ Phase ID Time Res ISC h m s ISC
SPB Sao Paulo 2.71 319f eP Pn 00 01 31.1 -1.2
SPB eP Pn 00 01 38.1 -2.6
SPB eP Pn 00 02 04.1 -0.5
SPB eP Pn 00 01 34.8 -1.0

LVC	Limon Verde	21.60 273	P	P	00 05 37.6 -1.2
LVC	Limon Verde	21.60 273	P	LR	00 15 10.3
LVC	Limon Verde	21.60 273	P	LR	00 05 37.6 -1.1
RCBR	Riachuelo	21.73 27	eP	P	00 05 39.5 -0.8
LCO	Las Campanas	22.65 256	eP	P	00 05 48.7 -1.3
FCH	Farellones	22.88 245	flP	P	00 05 50.5 -1.8
LMEL	Las Melosas	22.93 243	flP	P	00 05 51.8 -1.1
PLCA	Paso Flores	25.70 228	eP	P	00 06 17.1 -1.8
PLCA	Paso Flores	25.70 228	eP	LR	00 14 27.6
PLCA	Paso Flores	25.70 228	eP	LR	00 06 17.1 -1.8
PLCA	Paso Flores	25.70 228	eP	LR	00 14 27.6
PLCA	Paso Flores	25.70 228	eP	LR	00 15 48.1
ARE	Arequipa	25.90 286	eP	P	00 06 19.0 -2.0
NNA	Nana	32.55 289	eP	P	00 07 18.6 -1.5
USHA	Ushuaia	33.70 204	P	P	00 07 28.1 -1.7
BBGH	Gun Hill	40.93 339	P	P	00 08 33.6 +2.2
OTAV	Otavalo	40.94 304	eP	P	00 08 32.1 +0.5
ROSC	El Rosal	41.28 313	P	P	00 08 32.5 -1.9
SDV	Santo Domingo	42.16 321	eP	P	00 08 41.2 -0.4
MTV	Monte Pirata	46.67 334	P	P	00 09 21.6 -3.7
CBYP	Canovas	47.95 334	P	P	00 09 27.8 +0.3
VNA1	Neumayer-Stat	49.80 165	eP	P	00 09 42.6 +1.5
VNA1	Neumayer-Stat	49.80 165	eP	LR	00 10 02.0
PAVIG	Puerto Ayora	49.81 293	eP	P	00 09 42.1 0.0
VNA3	Neumayer Olymp	49.90 166	eP	P	00 09 42.8 +0.7
VNA3	Neumayer Olymp	49.90 166	eP	LR	00 11 01.5
VNA2	Neumayer-Watz	50.16 165	eP	P	00 09 43.6 -0.6
VNA2	Neumayer-Watz	50.16 165	eP	LR	00 11 02.7
LIC	Lamto	50.47 57	eP	P	00 09 44.2 -2.8
LIC	Lamto	50.47 57	eP	LR	00 09 44.2 -2.8
LIC	Lamto	50.47 57	eP	LR	00 09 43.9 -3.1
LIC	Lamto	50.47 57	eP	LR	00 09 44.2 -2.8
LIC	Lamto	50.47 57	eP	LR	00 09 44.2 -2.8
KIC	Kosan Boka	50.77 57	eP	P	00 09 46.0 -3.1
TIC	Toumod	50.74 56	eP	P	00 09 46.7 -2.6
DBIC	Dimbokro	50.88 56	P	P	00 09 47.2 -2.9
DBIC	Dimbokro	50.88 56	P	LR	00 26 09.3
JTS	JuntasAbangare	52.47 308	eP	P	00 10 00.7 -1.2
MAIT	Maitri	55.38 160	eP	P	00 10 21.9 -0.6
SUR	Sutherland	57.55 113	P	P	00 10 37.1 -1.5
SUR	Sutherland	57.55 113	P	LR	00 10 36.8 -1.8
TSUM	Tsumeb	58.18 97	eP	P	00 10 40.6 -2.5
TORD	Torodi Ar. Bea	59.97 56	P	P	00 10 52.7 -2.8
TORD	Torodi Ar. Bea	59.97 56	P	LR	00 32 08.7
TORD	Torodi Ar. Bea	59.97 56	P	LR	00 10 52.7 -2.8
TORD	Torodi Ar. Bea	59.97 56	P	LR	00 32 08.7
TEIG	Tepich	61.71 314	eP	P	00 11 06.3 -1.0
BOSA	Boshof	62.16 110	P	P	00 11 07.6 -2.8
BOSA	Boshof	62.16 110	P	LR	00 33 45.2
BOSA	Boshof	62.16 110	P	LR	00 11 07.6 -2.8
BOSA	Boshof	62.16 110	P	LR	00 33 45.2
SYO	Syowa Base	64.56 157	flP	P	00 11 23.5 -2.0
SYO	Syowa Base	64.56 157	flP	LR	00 11 27.2 +1.6
JSC	Jenkinsville	68.60 329	eP	P	00 11 51.3 -0.4
GOGA	Godfrey	68.96 327	eP	P	00 11 53.2 -0.8
GOGA	Godfrey	68.96 327	eP	P	00 11 53.2 -0.8
GOGA	Godfrey	68.96 327	eP	P	00 11 53.2 -0.8
GOGA	Godfrey	68.96 327	eP	P	00 11 53.2 -0.8
GOGA	Godfrey	68.96 327	eP	P	00 11 53.2 -0.8
BRA	Brewton	68.96 322	eP	P	00 11 54.8 +0.7
TAM	Tamanrasset	69.00 50	eP	P	00 11 53.4 -1.1
TAM	Tamanrasset	69.00 50	eP	P	00 12 01.5
TAM	Tamanrasset	69.00 50	eP	P	00 11 53.4 -1.1
TAM	Tamanrasset	69.00 50	eP	P	00 12 01.5
LSZ	Lusaka	69.04 97	eP	P	00 11 53.1 -1.9
LSZ	Lusaka	69.04 97	eP	P	00 11 53.1 -1.9
LRAL	Lakeview Retre	70.48 324	eP	P	00 12 02.4 -1.0
ELN	Prospectdale	70.80 331	eP	P	00 12 05.6 +0.3
CPCT	Cooper Cave	71.11 327	eP	P	00 12 05.9 +0.3
PVFI	Vila Bisbo	71.34 30	eLR	LR	00 36 40.7
SWET	Sewanee	71.63 326	eP	P	00 12 09.8 -0.6
PBDV	Barranco-do-Ve	71.84 31	eP	P	00 12 10.2 -1.3
PBDV	Barranco-do-Ve	71.84 31	eP	LR	00 37 18.9
PCVE	Castro Verde	72.11 30	eLR	LR	00 37 25.4
MCWV	Mont Chateau	72.45 333	eP	P	00 12 15.2 0.0
PBEJ	Beja	72.51 30	eP	P	00 12 15.5 0.0
PBEJ	Beja	72.51 30	eP	LR	00 12 23.4
SSPA	Standing Stone	72.51 335	eP	P	00 12 15.4 -0.1
ESPR	Espera	72.52 32	P	P	00 12 14.7 -0.9
PLAL	Pickwick Lake	72.55 324	eP	P	00 12 13.8 -2.1
PMAFR	Mafra	72.64 29	eLR	LR	00 36 09.6
EMIJ	Mijas	72.81 33	P	P	00 12 16.3 -1.1
EMIN	Mina Concepcio	72.85 31	P	P	00 12 15.9 -1.7
EVO	Evora	72.85 30	eP	P	00 12 16.4 -1.2
EVO	Evora	72.85 30	eP	MLR	00 12 18.0 +0.4
EVO	Evora	72.85 30	eP	MLR	00 12 18.0 +0.4
EVO	Evora	72.85 30	eP	MLR	00 12 18.0 +0.4
OXF	Oxford	72.91 323	eP	P	00 12 16.0 -2.0
OXF	Oxford	72.91 323	eP	P	00 12 16.0 -2.0
OXF	Oxford	72.91 323	eP	P	00 12 16.0 -2.0
OXF	Oxford	72.91 323	eP	P	00 12 16.0 -2.0
OXF	Oxford	72.91 323	eP	P	00 12 16.0 -2.0
PBAR	Barrancos	73.01 31	eP	P	00 12 18.6 +0.1
PBAR	Barrancos	73.01 31	eP	LR	00 12 26.1
PBAR	Barrancos	73.01 31	eP	LR	00 37 50.9
BINY	Binghamton	73.16 337	eP	P	00 12 19.8 +0.6
MAW	Mawson	73.22 158	P	P	00 12 18.8 -0.6
MAW	Mawson	73.22 158	P	P	00 12 18.8 -0.6
MAW	Mawson	73.22 158	P	P	00 12 18.8 -0.6
MAW	Mawson	73.22 158	P	P	00 12 18.8 -0.6
HNT	Hanover	73.27 340	eP	P	00 12 21.1 +1.2
WHT	Waverly	73.31 325	P	P	00 12 19.1 -1.2
PESTR	Estremoz	73.32 30	eP	P	00 12 20.4 +0.1
PESTR	Estremoz	73.32 30	eP	LR	00 12 28.5
PESTR	Estremoz	73.32 30	eP	LR	00 37 52.0
HKT	Hockley	73.39 316	eP	P	00 12 21.0 +0.1
HKT	Hockley	73.39 316	eP	P	00 12 21.0 +0.1

HKT	Hockley	73.39 316	eP	P	00 12 21.0 +0.1
EBAD	Badajoz	73.49 30	P	P	00 12 19.6 -1.7
ELOJ	Sierra Lora	73.57 33	P	P	00 12 21.8 -0.1
ELOJ	Sierra Lora	73.57 33	P	P	00 12 21.8 -0.1
ELOJ	Sierra Lora	73.57 33	P	P	00 12 21.8 -0.1
EGUA	Guajares	73.62 34	P	P	00 12 22.3 +0.1
EGUA	Guajares	73.62 34	P	P	00 12 22.3 +0.1
ERON	Agron	73.65 34	P	P	00 12 22.6 +0.3
ELUO	Luque	73.84 33	P	P	00 12 23.1 -0.3
ELUO	Luque	73.84 33	P	P	00 12 23.1 -0.4
ELUO	Luque	73.84 33	P	P	00 12 23.1 -0.4
ELUO	Luque	73.84 33	P	P	00 12 23.1 -0.4
ELUO	Luque	73.84 33	P	P	00 12 23.1 -0.4
PMCV	Marv??o	73.86 30	eLR	LR	00 38 12.1
ECOG	Cogollos-Vega	73.97 34	P	P	00 12 24.0 -0.2
ECOG	Cogollos-Vega	73.97 34	P	P	00 12 24.0 -0.2
ECOG	Cogollos-Vega	73.97 34	P	P	00 12 24.0 -0.2
ECOG	Cogollos-Vega	73.97 34	P	P	00 12 24.0 -0.2
ECOG	Cogollos-Vega	73.97 34	P	P	00 12 24.0 -0.2
EBER	Berja	74.02 34	P	P	00 12 24.3 -0.1
PCBR	Castelo Branco	74.16 30	eP	P	00 12 25.2 0.0
PCBR	Castelo Branco	74.16 30	eP	P	00 12 25.2 0.0
EADA	Adamuz	74.17 32	P	P	00 12 25.0 -0.3
WCI	Wyandotte Cave	74.18 328	eP	P	00 12 24.7 -0.7
WCI	Wyandotte Cave	74.18 328	eP	P	00 12 24.7 -0.7
WCI	Wyandotte Cave	74.18 328	eP	P	00 12 24.7 -0.7
WCI	Wyandotte Cave	74.18 328	eP	P	00 12 24.7 -0.7
WCI	Wyandotte Cave	74.18 328	eP	P	00 12 24.7 -0.7
ANCS	Alum Creek Sta	74.26 331	eP	P	00 12 25.7 -0.1
ENJU	Nijar	74.42 35	P	P	00 12 27.5 +0.7
ENJU	Nijar	74.42 35	P	P	00 12 27.5 +0.7
ENJU	Nijar	74.42 35	P	P	00 12 27.5 +0.7
ENJU	Nijar	74.42 35	P	P	00 12 27.5 +0.7
ENJU	Nijar	74.42 35	P	P	00 12 27.5 +0.7
ENJN	Nijar	74.42 35	P	P	00 12 27.5 +0.6
ENJN	Nijar	74.42 35	P	P	00 12 27.5 +0.6
ENJN	Nijar	74.42 35	P	P	00 12 27.5 +0.6
ENJN	Nijar	74.42 35	P	P	00 12 27.5 +0.6
ENJN	Nijar	74.42 35	P	P	00 12 27.5 +0.6
MTE	Manteigas	74.59 29	eP	P	00 12 27.8 +0.1
MTE	Manteigas	74.59 29	eP	P	00 12 27.8 +0.1
MTE	Manteigas	74.59 29	eP	P	00 12 27.8 +0.1
MTE	Manteigas	74.59 29	eP	P	00 12 27.8 +0.1
MTE	Manteigas	74.59 29	eP	P	00 12 27.8 +0.1
ERPA	Erie	74.59 334	eP	P	00 12 28.2 +0.5
ERPA	Erie	74.59 334	eP	P	00 12 28.2 +0.5
ERPA	Erie	74.59 334	eP	P	00 12 28.2 +0.5
ERPA	Erie	74.59 334	eP	P	00 12 28.2 +0.5
ERPA	Erie	74.59 334	eP	P	00 12 28.2 +0.5
EQES	Quesada	74.62 34	P	P	00 12 27.4 -0.5
USIN	University of	74.64 327	eP	P	00 12 27.1 -1.0
SBA	Scott Base	74.99 187	eP	P	00 12 29.4 -0.3
SBA	Scott Base	74.99 187	eP	P	00 12 29.4 -0.2
BLO	Bloomington	75.03 328	eP	P	00 12 28.9 -1.4
BLO	Bloomington	75.03 328	eP	P	00 12 28.9 -1.4
BLO	Bloomington	75.03 328	eP	P	00 12 28.9 -1.4
BLO	Bloomington	75.03 328	eP	P	00 12 28.9 -1.4
BLO	Bloomington	75.03 328	eP	P	00 12 28.9 -1.4
SIUC	Southern Illin	75.23 325	eP	P	00 12 30.4 -1.1
MIAR	Mount Ida	75.25 321	eP	P	00 12 29.8 -1.9
MIAR	Mount Ida	75.25 321	eP	P	00 12 29.8 -1.9
MIAR	Mount Ida	75.25 321	eP	P	00 12 29.8 -1.9
MIAR	Mount Ida	75.25 321	eP	P	00 12 29.8 -1.9
MIAR	Mount Ida	75.25 321	eP	P	00 12 29.8 -1.9
MVO	Moncorvo	75.44 29	eP	P	00 12 31.6 -1.0
MVO	Moncorvo	75.44 29	eP	P	00 12 31.6 -1.0
MVO	Moncorvo	75.44 29	eP	P	00 12 31.6 -1.0
MVO	Moncorvo	75.44 29	eP	P	00 12 31.6 -1.0
MVO	Moncorvo	75.44 29	eP	P	00 12 31.6 -1.0
OLIV	Olney	75.45 327	eP	P	00 12 32.3 -0.5
EVIA	Vianos	75.55 33	P	P	00 12 33.3 -0.5
EVIA	Vianos	75.55 33	P	P	00 12 33.3 -0.5
EVIA	Vianos	75.55 33	P	P	00 12 33.3 -0.5
EVIA	Vianos	75.55 33	P	P	00 12 33.3 -0.5
EVIA	Vianos	75.55 33	P	P	00 12 33.3 -0.5
EVOB	Vianos	75.55 33	P	P	00 12 33.3 -0.1
EVOB	Vianos	75.55 33	P	P	00 12 33.3 -0.1
EVOB	Vianos	75.55 33	P	P	00 12 33.3 -0.1
EVOB	Vianos	75.55 33	P	P	00 12 33.3 -0.1
EVOB	Vianos	75.55 33	P	P	00 12 33.3 -0.1
EMUR	La Murta	75.58 35	P	P	00 12 33.7 +0.2
ESDC	Sonsa Array	75.65 32	P	P	00 12 33.6 -0.2
ESDC	Sonsa Array	75.65 32	P	P	00 12 33.6 -0.2
ESDC	Sonsa Array	75.65 32	P	P	00 12 33.6 -0.2
ESDC	Sonsa Array	75.65 32	P	P	00 12 33.6 -0.2
ESDC	Sonsa Array	75.65 32	P	P	00 12 33.6 -0.2
ETOB	Tobarra	76.03 34	P	P	00 12 36.7 +0.6
PBRG	Braganca	76.08 29	eP	P	00 12 35.7 -0.6
PBRG	Braganca	76.08 29	eP	P	00 12 35.7 -0.6
PBRG	Braganca	76.08 29			

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like ANMO Albuquerque, ECSD EROS Data Cent, U Bar Ranch, X22A Bernardo, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like LPG La Plagne, LPG La Plagne, LPL La Plagne, LPL La Plagne, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like ULM Lac du Bonnet, L22A Ellis Ranch, Y13A Salom, P19A Cripple Cowboy, etc.

Table with columns: Station ID, Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like O'Grain Ranch, Tolian Ranch, Grafenberg Arr, etc.

Table with columns: Station ID, Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like HLID Hailey, HLID Hailey, I13A Wildhorse Cree, etc.

Table with columns: Station ID, Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like GTA, SONGMO Songo Air, SONGMO Songo Air, etc.

BUI 23 00:08:12.2, 8:60'S; 123:20'E, h148km, mb4.8/2, mb4.8/3
ISCJB 23 00:08:17.0, 0.6, 8:74'S; 0:04:123:13'E; 0.05, h166km, 6km, mb4.7/22, Error ellipse: s-maj=9.6km s-min=6.0km az=146.2

NEIC 23 00:08:17.3, 0.9, 8:63'S; 123:18'E, h148km, 9km, mb4.5/6, Error ellipse: s-maj=12.0km s-min=6.5km az=58.0
DJA 23 00:08:18.8, 8:59'S; 123:04'E, h154km, mb4.7/9
IDC 23 00:08:18.5, 2.1, 8:53'S; 123:14'E, h156km, 7km, mb4.1/8, mb4.2/9, mb4.0/16, mb4.0/16, mb4.0/16, Error ellipse: s-maj=27.6km s-min=14.0km az=82.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes stations like WSI Waingapu, KDI Kendari, KAPI Kappang, etc.

23d 1h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like EKS2, AML, BVAR, etc.

2008 APR

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

1054

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BSY, BSY, G07A, etc.

C15A	baz=75	Salmond Ranch	75.63	42	↑P	P	01 38 58.6 +0.1
ANN	baz=75,SNR=25	Anapa	75.64	314	eP	S	01 38 57.5 -1.1
ANN							01 48 39.3 +4.1
CHMT	comp=Z,75nm,1.3s,mb5.5	Chamberlain Mo	75.75	43	eP	P	01 38 58.4 -0.8
F13A	baz=76,SNR=19	Darby	75.76	44	↑P	P	01 38 58.2 -1.0
B16A	baz=76,SNR=19	M & M Farms, S	75.77	41	↑P	P	01 38 58.7 -0.5
I11A	baz=76,SNR=8.9	Placerville	75.82	47	↑P	P	01 38 59.5 -0.1
K10A	baz=76,SNR=19	MacKenzie Ranc	75.88	48	↑P	P	01 39 00.3 +0.3
WCN	baz=76	Washoe City	75.89	52	↑P	P	01 38 59.8 -0.3
E14A	baz=76	Clinton	75.89	43	↑P	P	01 38 59.7 -0.3
PAHR	comp=Z,30nm,1.5s,mb5.0	Pah Rah Range	75.92	52	eP	P	01 39 00.6 +0.4
A17A	baz=76,SNR=25	Triple J Farms	76.01	40	↑P	P	01 39 00.0 -0.5
C16A	baz=76,SNR=16	Fuhringer Ranc	76.09	42	↑P	P	01 39 00.8 -0.3
D15A	baz=76,SNR=5.6	Lincoln	76.09	43	↑P	P	01 39 00.7 -0.4
H12A	baz=76,SNR=25	Diamond D Ranc	76.14	46	↑P	P	01 39 01.0 -0.4
CMB	comp=Z,22nm,1.1s,mb5.0	Columbia Colle	76.14	54	eP	P	01 39 01.4 -0.1
CMB							
CMB	comp=Z,22nm,1.1s,mb5.0	Columbia Colle	76.14	54	eP	P	01 39 01.4 -0.2
MFID	comp=Z,22nm,1.1s,mb5.0	Camas Ranch	76.17	47	↑P	P	01 39 01.8 +0.2
G13A	baz=76,SNR=18	Cobalt	76.20	45	↑P	P	01 39 01.2 -0.6
F14A	baz=76	Wisdom	76.30	44	↑P	P	01 39 02.1 -0.3
B17A	baz=76,SNR=14	L&G Farms, Che	76.33	41	↑P	P	01 39 02.2 -0.2
E15A	baz=76,SNR=18	Deer Lodge	76.38	43	↑P	P	01 39 02.4 -0.3
I12A	baz=76,SNR=15	Atlanta	76.39	46	↑P	P	01 39 03.0 +0.2
K11A	baz=76,SNR=33	Parker Ranch,	76.40	48	↑P	P	01 39 03.0 0.0
A18A	baz=76,SNR=14	Metzger Ranch,	76.48	40	↑P	P	01 39 02.9 -0.4
H13A	baz=76	Challis	76.48	45	↑P	P	01 39 03.3 -0.1
L10A	baz=76,SNR=30	Juniper Basin	76.51	48	↑P	P	01 39 03.9 +0.4
G14A	baz=76,SNR=18	Jackson	76.57	44	↑P	P	01 39 03.3 -0.5
D16A	baz=76	Dana Ranch, Ca	76.65	42	↑P	P	01 39 04.2 0.0
HRV	baz=76,SNR=14	Holter Researc	76.67	43	eP	P	01 39 04.5 +0.1
J12A	baz=76,SNR=13	Stokes Ranch,	76.71	47	↑P	P	01 39 04.8 +0.2
C17A	baz=76,SNR=12	Wharram Farm,	76.73	41	↑P	P	01 39 04.2 -0.5
FFC	comp=Z,140nm,0.9s,mb5.9,SNR=6.3	Flin Flon	76.75	32	iP	P	01 39 03.2 -1.5
FFC	comp=Z,140nm,0.9s,mb5.9,SNR=6.3	Flin Flon	76.75	32	iP	P	01 39 04.0 -0.7
FFC	comp=Z,140nm,0.9s,mb5.9,SNR=6.3	Flin Flon	76.75	32	iP	P	01 39 03.8 -1.1
M10A	comp=Z,26nm,1.0s,mb5.2	L.L. Ranch, Tu	76.77	49	↑P	P	01 39 05.5 +0.5
AKASG	baz=77,SNR=11	Malin Array Be	76.77	323	eP	P	01 39 06.5 +1.6
AKASG	comp=Z,8.0nm,0.5s	Malin Array Be	76.77	323	eP	P	01 39 05.8 +0.9
AKASG	comp=Z,8.0nm,0.5s,mb4.9,baz=48,slow=5.9,SNR=28	Malin Array Be	76.77	323	eP	P	01 39 19.6 -1.8
AKASG	comp=Z,33nm,0.6s,baz=48,slow=0.0,SNR=33	Kiev	76.79	323	eP	P	01 39 05.2 +0.3
KIEV	comp=Z,39nm,20.5s,MS4.7,baz=45,slow=38	Kiev	76.79	323	eP	P	01 39 19.7 -1.7
KIEV	comp=Z,48nm,0.6s,mb5.6	Kiev	76.79	323	eP	P	01 39 05.2 +0.3
KIEV	comp=Z,48nm,0.6s,mb5.6	Kiev	76.79	323	eP	P	01 39 19.7 -1.7
F15A	baz=77,SNR=98	Butte	76.79	44	↑P	P	01 39 05.1 +0.1
B18A	baz=77,SNR=22	Beardsley Farm	76.83	40	↑P	P	01 39 05.0 -0.2
LRM	baz=77,SNR=22	Limekiln Ridge	76.83	44	↑P	P	01 39 05.5 +0.2
E16A	baz=77,SNR=18	East Helena	76.86	43	↑P	P	01 39 05.5 +0.1
L11A	baz=77,SNR=35	Cat Creek Ranc	76.91	48	↑P	P	01 39 06.4 +0.6
MIB	baz=77,SNR=35	Mutribah	76.91	297	eP	P	01 39 05.8 -0.2
MIB							01 39 09.6
I13A	comp=Z,41nm,0.7s,mb5.5	Wildhorse Cree	76.93	46	↑P	P	01 39 06.3 +0.5
BMN	baz=77,SNR=29	Battle Mountai	76.93	50	eP	P	01 39 06.2 +0.2
BMN							
BMN	comp=Z,32nm,1.1s,mb5.2	Battle Mountai	76.93	50	eP	P	01 39 06.2 +0.3
HLID	comp=Z,32nm,1.1s,mb5.2	Hailey	76.95	46	↑P	P	01 39 06.5 +0.4
HLID	baz=77,SNR=29	Hailey	76.95	46	↑P	P	01 39 06.4 +0.4
KBD	comp=Z,15nm,0.9s,mb4.9	Kabd	76.97	296	eP	P	01 39 05.8 -0.6
KBD							01 39 15.4
HL4A	comp=Z,35nm,0.5s,mb5.5	Leadore	76.98	45	↑P	P	01 39 05.8 -0.3
D11A	baz=77,SNR=9.8	Dillon	77.01	44	↑P	P	01 39 06.4 +0.1
QRN	comp=Z,35nm,1.0s,mb5.2	Al-Qurain	77.03	296	eP	P	01 39 06.1 -0.6
QRN							01 39 09.0
D17A	comp=Z,50nm,0.7s,mb5.6	Six Diamond Ra	77.06	42	↑P	P	01 39 06.3 -0.3
EGMT	baz=77,SNR=22	Eggleton	77.06	41	↑P	P	01 39 06.0 -0.5
EGMT	baz=77,SNR=12	Eggleton	77.06	41	eP	P	01 39 06.3 -0.2
MCMT	comp=Z,26nm,1.0s,mb5.1	McKenzie Canyo	77.16	45	eP	P	01 39 06.6 -0.5
G15A	comp=Z,4.4nm,0.8s,mb4.4	Dillon	77.18	44	↑P	P	01 39 07.3 0.0
NB2	baz=77,SNR=33	NORSAR Subarra	77.18	337	eP	P	01 39 06.1 -0.9
NOA	comp=Z,20nm,0.8s,mb5.1,baz=40,slow=5.9	NORSAR Array B	77.18	337	eP	P	01 39 06.3 -0.7
NOA	comp=Z,10.0nm,0.8s	NORSAR Array B	77.18	337	eP	P	01 39 06.3 -0.7
NOA	comp=Z,180nm,19.8s	NORSAR Array B	77.18	337	eP	P	01 39 06.3 -0.6
NOA	comp=Z,10nm,0.8s,mb4.8,baz=40,slow=5.6,SNR=36	NORSAR Array B	77.18	337	eP	P	02 18 05.2
NOA	comp=Z,180nm,19.8s,MS4.4,baz=0,slow=4.0	NORSAR Array B	77.18	337	eP	P	01 39 06.3 -0.6
NOA							02 18 05.2
J13A	baz=77,SNR=20	Cove Ranch, Pi	77.19	46	↑P	P	01 39 07.7 +0.3
FCC	baz=77,SNR=20	Fort Churchill	77.19	26	eP	P	01 39 05.5 -1.6
FCC							
FCC	comp=Z,1.0nm,0.9s,mb3.8	Fort Churchill	77.19	26	eP	P	01 39 05.5 -1.6
N10A	baz=77	Dunphy	77.23	50	↑P	P	01 39 07.7 +0.1
M11A	baz=77,SNR=15	Holland Ranch	77.29	49	↑P	P	01 39 08.8 +0.8
NVAR	baz=77,SNR=15	Mina Array Bea	77.31	52	eP	P	01 39 08.2 0.0
I14A	comp=Z,6.5nm,0.9s,mb4.6,baz=286,slow=6.0,SNR=17	MacKay	77.32	46	↑P	P	01 39 08.7 +0.6
F16A	baz=77,SNR=91	Kenard Place,	77.32	43	↑P	P	01 39 08.1 0.0
E17A	baz=77,SNR=7.5	Martindale	77.36	42	↑P	P	01 39 08.7 +0.4
L12A	baz=77,SNR=16	House Creek Ra	77.37	48	↑P	P	01 39 09.0 +0.6
BOZ	baz=77,SNR=12	Bozeman (W)	77.40	43	eP	P	01 39 08.3 -0.2
BOZ	comp=Z,14nm,0.8s,mb4.9	Bozeman (W)	77.40	43	eP	P	01 39 08.3 -0.2

BOZ	baz=77,SNR=28	Bozeman (W)	77.40	43	↑P	P	01 39 08.4 -0.1
BOZ	comp=Z,14nm,0.8s,mb5.0	Bozeman (W)	77.40	43	eP	P	01 39 08.3 -0.2
H15A	baz=77,SNR=7.2	Lim	77.40	45	↑P	P	01 39 08.2 -0.3
SIM	baz=77,SNR=7.2	Simferopol'	77.51	316	eP	P	01 39 11.0 +1.9
SIM							01 39 24.0 -1.6
D18A	comp=Z,117nm,0.8s,mb5.9	Linhart Farms	77.52	41	↑P	P	01 39 08.9 -0.3
G16A	baz=77	Moss Hill, Enn	77.54	44	↑P	P	01 39 09.3 0.0
SUW	baz=76,SNR=25	Suwalki	77.56	328	eP	P	01 39 11.8 +2.5
SUW							01 39 16.9 -2.4
SUW	comp=Z,49nm,0.9s,mb5.4	Suwalki	77.56	328	eP	P	01 39 11.1 +1.8
J14A	baz=77,SNR=41	Carey	77.62	46	↑P	P	01 39 10.7 +1.0
K13A	comp=Z,27nm,1.0s,mb5.2	Stover Farm,-H	77.66	47	↑P	P	01 39 10.5 +0.4
N11A	baz=78,SNR=5.5	Elko Archery C	77.66	49	↑P	P	01 39 10.4 +0.3
F17A	baz=78,SNR=16	Fitzpatrick Pl	77.80	43	↑P	P	01 39 10.8 +0.1
E18A	baz=78,SNR=14	Harlowton	77.83	42	↑P	P	01 39 11.2 +0.4
RCTO	baz=78	Rector, Farmer	77.83	55	↑P	P	01 39 10.4 -0.7
M12A	baz=78,SNR=35	Wells	77.84	48	↑P	P	01 39 11.8 +0.7
I15A	baz=78	Monteviu	77.85	45	↑P	P	01 39 11.3 +0.2
P10A	baz=78,SNR=5.4	Eureka	77.86	50	↑P	P	01 39 11.5 +0.3
RBK	SNR=8.4	Rabkuk	77.91	283	↑P	P	01 39 12.5 +0.7
RBK	SNR=8.4	Rabkuk	77.91	283	↑P	P	01 39 12.5 +0.7
QLMT	SNR=8.4	Earthquake Lak	77.99	44	eP	P	01 39 12.4 +0.6
ELK	comp=Z,20nm,0.8s	Elko	78.02	49	eP	P	01 39 13.0 +1.0
ELK							01 39 30.9 +2.4
ELK	comp=Z,20nm,0.8s	Elko	78.02	49	eP	P	02 14 42.3
ELK	comp=Z,211nm,18.1s,MS4.2,baz=32,slow=36	Elko	78.02	49	eP	P	01 39 13.0 +1.0
ELK	comp=Z,20nm,0.8s,mb5.1	Elko	78.02	49	eP	P	01 39 30.9 +2.3
WHFO	SNR=13	Wadi Hawf	78.05	284	↑P	P	01 39 13.1 +0.6
WHFO	SNR=13	Wadi Hawf	78.05	284	↑P	P	01 39 13.1 +0.6
L13A	baz=78,SNR=9.5	Double Diamond	78.06	47	↑P	P	01 39 12.9 +0.6
N12A	baz=78,SNR=9.6	Clover Valley,	78.08	49	eP	P	01 39 12.9 +0.5
N12A	comp=Z,32nm,0.9s,mb5.2	Clover Valley,	78.08	49	eP	P	01 39 13.2 +0.8
O11A	baz=78,SNR=9.7	Cowboy Ranch,	78.09	50	↑P	P	01 39 12.8 +0.3
G17A	baz=78,SNR=9.4	Pierce Place,	78.10	43	↑P	P	01 39 12.8 +0.4
H16A	baz=78,SNR=13	Russell Place,	78.17	44	↑P	P	01 39 13.1 +0.3
YES	baz=78	Vestal, Richgr	78.19	55	↑P	P	01 39 12.4 -0.7
PKM	baz=78	Peak Mountain	78.20	56	↑P	P	01 39 13.2 +0.1
J15A	baz=78,SNR=5.7	Blackfoot	78.23	46	↑P	P	01 39 13.6 +0.5
K14A	baz=78,SNR=12	Jones Ranch, D	78.27	47	↑P	P	01 39 14.2 +0.8
F18A	baz=78,SNR=11	Big Timber	78.33	42	↑P	P	01 39 13.7 +0.1
M13A	baz=78,SNR=13	Montello	78.34	48	↑P	P	01 39 14.2 +0.4
M13A	comp=Z,20nm,0.7s,mb5.2	Montello	78.34	48	eP	P	01 39 14.4 +0.6
M13A	baz=78,SNR=13	Montello	78.34	48	eP	P	01 39 32.6 +2.3
Q10A	baz=78	Clear Creek Ra	78.34	51	↑P	P	01 39 13.8 -0.1
YMR	comp=Z,29nm,1.1s,mb5.1	Madison River	78.35	44	eP	P	01 39 14.4 +0.6
P11A	baz=78	Circle Ranch,	78.36	50	↑P	P	01 39 13.7 -0.2
YCMT	baz=78	Greycliff	78.43	42	eP	P	01 39 14.2 0.0
GNR	comp=Z,8.3nm,0.7s,mb4.8	Norris Junctio	78.49	44	eP	P	01 39 15.9 +1.3
I16A	comp=Z,20nm,1.1s,mb5.0	Newdale	78.51	45	↑P	P	01 39 15.8 +1.1
L14A	baz=78,SNR=47	Malta	78.53	47	↑P	P	01 39 15.4 +0.6
YFT	baz=78,SNR=12	Old Faithful	78.55	44	↑P	P	01 39 16.4 +1.5
K15A	comp=Z,27nm,0.9s,mb5.1	Arbon	78.58	46	↑P	P	01 39 15.9 +0.8
O12A	baz=78,SNR=6.6	Currie	78.60	49	↑P	P	01 39 15.6 +0.4
MALT	baz=78,SNR=9.4	Malatya	78.60	308	↑P	P	01 39 18.8 +3.5
MALT	baz=78	Malatya	78.60	308	eP	P	01 39 16.4 +1.1
N13A	comp=Z,27nm,1.0s,mb5.1	Wendover, West	78.60	48	↑P	P	01 39 15.8 +0.5
N13A	comp=Z,34nm,0.8s,mb5.3	Wendover, West	78.60	48	eP	P	01 39 16.2 +1.0
N13A	baz=78	Isabella	78.71	55	eP	P	01 39 33.6 +1.9
ISA	comp=Z,10.0nm,1.0s,mb4.7	Isabella	78.71	55	eP	P	01 39 14

Table with columns: GRF, GFR, GFR, comp-Z, Grafenberg Arr, 85.83 330, eP, P, 01 39 55.2 +2.3, 01 40 08.7 -0.9, etc.

Table with columns: AQU, L'Aquila, 90.41 324, eP, P, 01 40 14.7 -0.1, 01 40 15.7 -0.5, etc.

Table with columns: BOSA, Boshof, 125.53 257, PKIKP, PKPdf, 01 46 14.2 -0.4, etc.

IDC 23 01:44:10.1±3.0, 32.065±177.58W, h0km, mb3.9/2, mb1.4/1.3, mb1mx3.8/15, mbtm3.8/3, ML3.4/1, Error ellipse: s-maj=7.1km s-min=36.3km az=119.0, South of Kermadec Islands

ISCJJB 23 01:55:28.0±0.1, 34.82N±0.01±116.29W±0.01, h10km, mb3.0/2, MS4.5/2, Error ellipse: s-maj=1.8km s-min=1.6km az=23.3

IDC 23 01:55:29.6±1.7, 34.86N±116.14W, h0km, mb3.0/2, mb1.3/3/6, mb1mx3.3/25, mbtm3.3/1.6, ML3.3/4, Error ellipse: s-maj=24.8km s-min=9.1km az=46.0

BUI 23 01:55:29.4, 34.90N±116.30W, h15km, mb4.9/1, mb4.5/2, Ms7.4/5/2

NEIC 23 01:55:29.4, 34.87N±116.34W, h6km, ML4.1 (PAS), After PAS

NEIC Fell at Apple Valley, Baker, Newberry Springs, Twentynine Palms and Victorville

ISC 23 01:55:28.9±0.1, 34.83N±0.01±116.34W±0.01, h10km, n178, r190/256, mb3.0/2, MS4.5/2, SSC-63D, Southern California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, HEC, HECTOR, Ludlow, 0.01 114, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HHAG Hagoal, KOT Kottamia, HMYD Mayadein, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like YKA Yellowknife Ar, FCB Fort Churchill, NCC Newcomb, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, DANN Danging, etc.

ISCJB 23 02:03:08.9 0.6, 55.44S; 0'06:158.3E; 0.2, h10km, mb4.5/14, MS4.0/6, Error ellipse: s-maj=18.0km s-min=9.0km az=173.0

IDC 23 02:03:08.7 0.8, 55.47S; 158.57E, h0km, mb4.4/9, mb1 4.5/10, mb1mx4.4/15, mb1mx4.4/10, ML3.8/1, MS4.0/7, Ms1 4.0/7, ms1mx3.6/24, Error ellipse: s-maj=37.6km s-min=17.9km az=74.0

NEIC 23 02:03:10.0 0.3, 55.50S; 158.41E, h10km, mb4.7/6, Error ellipse: s-maj=11.3km s-min=8.4km az=67.0

ISC 23 02:03:10.8 0.6, 55.43S; 158.06E; 158.3E; 0.2, h10km, n67, c078/25, mb4.5/14, MS4.0/6, 2C, Macquarie Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RPZ Rata Peaks, RPZ 0.4nm, 0.3s, bazz=234, slow=19, SNR=2.3, etc.

IDC 23 02:03:51.9 1.6, 30.99S; 178.01W, h0km, mb4.3/3, mb1 4.5/3, mb1mx4.1/14, mbtmp4.3/3, Error ellipse: s-maj=1.1km s-min=29.0km az=125.0

ISCJB 23 02:03:59.7 0.8, 30.65S; 0'1:178.7W; 0.2, h33km, mb4.3/4, Error ellipse: s-maj=23.6km s-min=9.2km az=32.3

ISC 23 02:04:01.5 0.8, 30.55S; 0'1:178.7W; 0.2, h35km, n10, c033/9, mb4.3/4, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RAO Raoul Island, RAO 1.41 28 Pn, etc.

IDC 23 02:05:35.1 3.8, 37.47N; 72.24E, h102km, 32km, mb3.5/7, mb1 3.7/11, mb1mx3.4/26, mbtmp3.6/11, MS3.3/1, Ms1 3.4/1, ms1mx2.4/29, Error ellipse: s-maj=28.9km s-min=20.8km az=3.0

ISCJB 23 02:05:37.1 0.4, 37.65N; 0'02:72.52E; 0.06, h154km, 7km, mb3.5/7, Error ellipse: s-maj=8.5km s-min=3.6km az=169.2

BUI 23 02:05:37.9 38.03N; 72.10E, h139km NEIC 23 02:05:37.2 0.2, 37.67N; 72.22E, h123km, 15km, mb3.9/4, Error ellipse: s-maj=21.4km s-min=14.1km az=184.0

NINC 23 02:05:45.4 5.1, 38.26N; 72.09E, h180km, 45km, mb3.1, mpv4.5, Error ellipse: s-maj=47.2km s-min=27.4km az=21.0

ISC 23 02:05:38.0 0.4, 37.65N; 0'02:72.53E; 0.07, h148km, 7km, n67, c1933/91, mb3.5/7, 8C-12, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KSH Kashi, KSH comp=N, 2um, 0.4s, etc.

ISCJB 23 02:06:53.5, 22.86N; 101.43E, h15km, ML3.3/5, Ms3.7/1, Ms7.3/4/1, Myanmar-China border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KMI Kunming, KMI comp=N, 37nm, 0.6s, etc.

CSEM 23 02:18:27.0, 34.95N; 23.34E, h52km, MD3.5, After ATH ATH 23 02:18:27.0, 34.95N; 23.34E, h52km, MD3.5/5, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GVD Gavdhos, KARN Karanos, etc.

IDC 23 02:35:54.9 3.9, 6.28S; 148.87E, h0km, mb3.8/2, mb1 4.0/3, mb1mx3.6/16, mbtmp3.9/3, ML3.9/1, Error ellipse: s-maj=125.9km s-min=47.4km az=117.0, New Kapaia region

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

ISCJB 23 02:39:04.4 2.2, 8.05S; 0'3:36.81E; 0.4, h10km, mb4.0/9, MS3.5/10, Error ellipse: s-maj=66.5km s-min=26.0km az=137.1

IDC 23 02:39:05.2 1.6, 8.02S; 68.07E, h0km, mb3.9/8, mb1 4.0/8, mb1mx3.7/26, mbtmp3.9/8, MS3.5/10, Ms1 3.5/10, ms1mx3.3/36, Error ellipse: s-maj=54.9km s-min=33.1km az=137.0

NEIC 23 02:39:06.7 0.8, 7.99S; 68.09E, h10km, mb3.8/1, Error ellipse: s-maj=30.0km s-min=17.6km az=57.0

ISC 23 02:39:06.7 2.2, 8.05S; 0'3:36.81E; 0.4, h10km, n25, c0548/10, mb4.0/9, MS3.5/10, Chagos Archipelago region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KMBO Kilima Mbogo, ATMO Aita Tunnel, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Ashikaga, Yasuok, Ise, Kawachi, Kuroka, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like mb1 4.4/3, mb1mx4.0/14, mbtmp4.2/3, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BJJ 23 05:01:58.5, 64.32N, 150:74W, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like TWA, NWF, WU-Fen Shan, etc.

ISCJB 23 05:49:22.3±2.6, 7.89S, 0.06°125.68E±0.06, h2km, 17km, mb4.8/34, MS3.8/5, Error ellipse: s-maj=12.2km s-min=6.8km az=139.0

IDC 23 05:49:23.6±0.7, 7.81S, 125.77E, h0km, mb4.4/10, mb1.4/6/13, mb1mx4.5/18, mbtmp4.5/13, ML4.6/3, MS3.8/6, Ms1.3/6, ms1mx3.3/20, Error ellipse: s-maj=26.2km s-min=14.7km az=60.0

NEIC 23 05:49:24.7±0.3, 7.92S, 125.74E, h10km, mb4.9/12, Error ellipse: s-maj=14.3km s-min=6.1km az=52.0

BUJ 23 05:49:26.7, 7.90S, 125.70E, h10km, mb4.8/4, mb4.6/8, Ms7.4/7.1

DJA 23 05:49:28.7, 6.15S, 125.65E, h2km, mb4.9/16, ISC 23 05:49:25.7±2.3, 7.92S, 0.05°125.66E±0.06, h11km±15km, n86, ±1522/84, mb4.8/34, MS3.8/5, 1D, Banda Sea

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like TWA, NWF, WU-Fen Shan, etc.

IDC 23 05:56:32.7±8.8, 29.36S, 75.51E, h0km, mb3.8/2, mb1.4/0/2, mb1mx3.5/19, mbtmp3.8/2, Error ellipse: s-maj=42.7km s-min=55.7km az=29.0, Mid-Indian Ridge

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

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

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

NIED 23 06:24:00.24, 1.0N, 121.60E, h20km, Mw4.8 Best double couple: M1.52000±0.169, NP1±0.54, 00000±0.867, 00000±1.78, 00000±. NP2±0.263, 00000±0.826, 00000±. 1, 17, 00000±. ISCJB 23 06:24:39.0±0.4, 2.24N, 0.01°121.98E±0.02, h11km, 2km, mb4.6/55, MS4.2/22, Error ellipse: s-maj=2.9km s-min=1.8km az=26.7

BUJ 23 06:24:40.1, 2.27N, 121.81E, h10km, mb4.8/24, mb4.6/36, ML4.6/7, Ms4.6/41, Ms7.4/5/36

NEIC 23 06:24:41.0±0.3, 2.24N, 121.87E, h10km, mb4.7/21, ML5.0(TAP), Error ellipse: s-maj=6.6km s-min=5.1km az=152.0

NEIC Fei at Hsin-chu, Kao-hsiung and Tao-yuan. Recorded [4 TAP] in Hua-lien, [3 TAP] in Jian, [2 TAP] in Nan-tou and [1 TAP] in Tai-chung and Tai-peh.

TAP 23 06:24:41.2, 2.24N, 121.83E, h16km, ML4.8, MOS 23 06:24:42.6±1.2, 2.25N, 121.87E, h33km, mb5.0/19, MS4.5/5, Error ellipse: s-maj=12.2km s-min=7.2km az=115.6

IDC 23 06:24:46.3±3.1, 2.24N, 121.93E, h54km±29km, mb4.0/15, mb1.4/1/18, mb1mx4.0/25, mbtmp4.0/18, ML3.7/3, MS3.9/19, Ms1.4/0/19, ms1mx3.7/32, Error ellipse: s-maj=20.2km s-min=14.0km az=64.0

DJA 23 06:24:54, 2.54N, 121.57E, h90km, mb4.4/10, ISC 23 06:24:41.3±0.3, 2.24N, 0.01°121.91E±0.02, h10km±1km, ±1908/254, mb4.6/55, MS4.2/22, 1C-14D, Taiwan

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

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

TOO Toolang 34.56 152 EP P 05 56 17.2 +2.8

CMAR Chiang Mai Arr 37.18 315 P P 05 56 36.4 +0.7

CMAR Chiang Mai 37.42 316 EP P 05 56 39.4 +0.3

CHTO Chiang Mai 37.42 316 P P 05 56 40.5 +1.4

WHN Wuhang 39.76 345 JP P 05 56 57.0 +1.9

KSR Korea Array 45.19 S P 05 57 40.8 -0.7

MJAR Matsushiro Arr 45.77 14 P P 05 57 45.8 -1.5

MJAR Matsushiro 45.77 14 P P 05 57 48.6 +1.3

ODAN Odare 50.71 314 EP P 05 58 26.2 +0.5

TAPN Tapinglung 50.79 315 EP P 05 58 26.9 +0.6

RAMN Ramite 51.33 314 EP P 05 58 30.7 +0.4

JIRN Jiri 52.05 314 EP P 05 58 35.9 +0.2

GUN Gumba 52.42 314 EP P 05 58 38.5 +0.1

PKI Pulchoki 52.55 314 EP P 05 58 39.1 -0.3

TAW Tavu 2.07 207 EP P 06 25 15.7 -0.4

SCZT Scanzhou 2.19 213 EP P 06 25 18.1 +1.0

SCZT Scanzhou 2.19 213 EP P 06 25 18.1 +1.0

LAY Lan-yu 2.19 189 EP P 06 25 15.1 -2.7

KAU Kaohsiung 2.20 222 EP P 06 25 20.3 +2.4

PNG Penghu 2.25 254 EP P 06 25 17.5 -1.1

WDGT Tungting 2.27 246 JP P 06 25 19.0 +0.1

WDGT Tungting 2.27 246 JP P 06 25 19.0 +0.1

WDGT Tungting 2.27 246 JP P 06 25 19.0 +0.1

WDGT Tungting 2.27 246 JP P 06 25 19.0 +0.1

23d 6h

Table with 4 columns: Station Name, Azimuth, Phase ID, Time Res. Includes stations like JAT, FUG, PCG, etc.

CASC 23 06:28:58.8-1.3, 13.82N-91.16W, h51km, 27km, MD3.6
MEX 23 06:28:58.6-1.2, 13.49N-91.48W, h55km, 71km, MD4.4
NEIC 23 06:28:58.6, 13.49N-91.48W, h55km, MD4.4(MEX), After MEX.

ISC 23 06:28:58.2-1.8, 13.74N-0.07-91.22W, 0.04, h32km, 18km, n27, c0970/46, 5D, Near coast of Guatemala

Main station list for Guatemala region with columns: Code, Station Name, Azimuth, Phase ID, Time Res. Includes stations like JAT, FUG, PCG, etc.

NEIC 23 06:33:52.3-4.8, 24.19N-122.03E, h10km, Error ellipse: s-maj=51.3km s-min=16.1km az=74.0
ISC/JB 23 06:33:54.9-0.4, 24.23N-0.01-121.88E, 0.02, h7km, 2km, Error ellipse: s-maj=3.7km s-min=2.2km az=16.1

TAP 23 06:33:55.0, 24.24N-121.83E, h15km, ML4.0, B
ISC 23 06:33:55.3-0.4, 24.23N-0.02-121.88E, 0.02, h9km, 2km, n63, c0991/109, 8C-3D, Taiwan

Main station list for Taiwan region with columns: Code, Station Name, Azimuth, Phase ID, Time Res. Includes stations like EHP, ENA, NACB, etc.

2008 APR

Table with 4 columns: SMLT, National Centre, Azimuth, Phase ID, Time Res. Includes stations like NCU, TYC, YULB, etc.

ISC 23 06:36:18.8-2.0, 20.09S-168.74E, h0km, mb4.1/7, mb1.4, 3.7, mb1mx4.1/15, mbtm4.2/7, MS3.4/1, Ms1.3/4.1, ms1mx2.8/19, Error ellipse: s-maj=72.9km s-min=24.1km az=146.0

ISC/JB 23 06:36:19.6-6.9, 20.22S-0.2-168.7E-0.3, h15km, 49km, mb4.0/7, Error ellipse: s-maj=54.1km s-min=17.1km az=44.3

ISC 23 06:36:21.6-6.7, 20.33S-0.2-168.8E-0.3, h20km, 40km, n9, c074/9, mb4.0/7, Loyalty Islands

Main station list for Loyalty Islands region with columns: Code, Station Name, Azimuth, Phase ID, Time Res. Includes stations like NCU, TYC, YULB, etc.

ISC 23 06:36:18.8-2.0, 20.09S-168.74E, h0km, mb4.1/7, mb1.4, 3.7, mb1mx4.1/15, mbtm4.2/7, MS3.4/1, Ms1.3/4.1, ms1mx2.8/19, Error ellipse: s-maj=72.9km s-min=24.1km az=146.0

ISC/JB 23 06:36:19.6-6.9, 20.22S-0.2-168.7E-0.3, h15km, 49km, mb4.0/7, Error ellipse: s-maj=54.1km s-min=17.1km az=44.3

ISC 23 06:36:21.6-6.7, 20.33S-0.2-168.8E-0.3, h20km, 40km, n9, c074/9, mb4.0/7, Loyalty Islands

Main station list for Loyalty Islands region with columns: Code, Station Name, Azimuth, Phase ID, Time Res. Includes stations like NCU, TYC, YULB, etc.

1064

Table with 4 columns: Code, Station Name, Azimuth, Phase ID, Time Res. Includes stations like EHP, ENA, NACB, etc.

ISC 23 06:36:44.1-0.6, 24.21N-0.02-121.88E, 0.03, h5km, 3km, n47, c0975/78, 9C-1D, Taiwan

ISC 23 06:39:07.1-4.3, 24.21N-121.96E, h10km, MG3.4(JMA), Error ellipse: s-maj=47.1km s-min=15.2km az=75.0

ISC/JB 23 06:39:08.5-0.6, 24.22N-0.02-121.88E, 0.03, h6km, 3km, Error ellipse: s-maj=5.4km s-min=2.7km az=10.1

TAP 23 06:39:09.1, 24.25N-121.81E, h15km, ML3.9, C

ISC 23 06:39:09.0, 24.22N-0.02-121.88E, 0.04, h10km, 4km, n47, c080/69, 9C, Taiwan

Main station list for Taiwan region with columns: Code, Station Name, Azimuth, Phase ID, Time Res. Includes stations like EHP, ENA, NACB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURBB, MK31, MK31, MKAR, MKAR, BVAR, BVAR, BVAR.

TIR 23 08:23:39.9.1.4, 40.88N, 19.61E, h6km, ML3.1
ISCJB 23 08:23:40.9.0.4, 40.82N, 0.02-19.62E:0.03, h2km, 4km,
Error ellipse: s-maj=3.0km s-min=2.9km az=157.2
CSEM 23 08:23:41.2.0.2, 40.77N, 19.69E, h2km, ML3.5/2, Error
ellipse: s-maj=3.4km s-min=3.2km az=81.0
PDG 23 08:23:41.8.0.2, 40.84N, 19.62E, h9km, ML2.9/10, Error
ellipse: s-maj=0.6km s-min=1.6km az=0.0
SKO 23 08:23:41.7, 40.82N, 19.64E, h0km, M2.6, ML3.0
ATH 23 08:23:42.6, 40.80N, 19.58E, h15km, 6km, MD3.2/3
NEIC 23 08:23:42.1.0.7, 40.81N, 19.44E, h10km, MD3.2(ATH),
Error ellipse: s-maj=14.5km s-min=7.1km az=71.0
THE 23 08:23:42.3, 40.80N, 19.78E, h1km, 3km, ML3.5/2, Error
ellipse: s-maj=3.9km s-min=0.8km az=272.0
ISC 23 08:23:41.9.0.4, 40.82N, 0.02-19.63E:0.03, h6km, 3km,
n71, r136/120, 14C-8D, Albania

Main table for Albania region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TIR, KBN, SRN, KEK, SCITE, ULC, PUK, BIA, FNA, JAN, BUM, TIT, HCY, NKY, BEY, IVA, STIP, THL, BRY, SG1.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VAY, VAY, LIT, UPM, UPM, STON, STON, STON, STON, PLE, PLE, BARS, BARS, DIVS, DIVS, NVLJ, NVLJ, NVLJ, NVLJ.

IDC 23 08:36:50.5.0.3, 7.10S, 148.71E, h0km, mb3.6/4,
mb1 3.8/5, mb13.6/15, mbmtmp3.6/5, ML3.6/1, MS3.8/1,
Ms1 3.8/1, ms1mx2.7/30, Error ellipse: s-maj=93.0km
s-min=24.9km az=112.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA, ASAR, FITZ, JOU, SONM, ZALV, TORDI.

IDC 23 08:42:42.5.0.3, 15.91S, 175.05W, h219km, 50km,
mb3 1/3, mb1 3.3/4, mb1mx3.1/17, mbmtmp3.2/4, Error
ellipse: s-maj=147.8km s-min=46.8km az=151.0, Tonga
Islands

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

IGQ 23 08:45:38.2.2, 51S, 80.03W, h12km, 6km, Mb4.2, Ms4.0,
4C-11D, Error ellipse: s-maj=5.9km s-min=3.5km
az=79.7, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RIOE, RIOE, IGUA, IGUA, MACS, BIL2, BIL2, ARRY, ARRY, PATA, PATA, JU6, JU6, ULBA, ULBA, RUNS, RUNS, PISA, PISA, CAMI, CAMI, MOV1, MOV1, NASZ, NASZ, TAMB, TAMB, V21, V21, PITA, PITA, JUA2, JUA2, JUA2, JUA2, TERV, TERV, GGP, GGP, PINO, PINO, ANTI, ANTI, YANA, YANA, OYAV, OYAV, CAYR, CAYR.

IDC 23 08:55:35.4.30.0, 12.72S, 177.95W, h0km, mb3.8/4,
mb1 4.0/4, mb1mx3.7/17, mbmtmp3.8/4, Error ellipse:
s-maj=540.2km s-min=17.3km az=64.0, North of Fiji
Islands

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

ISK 23 09:06:49.8, 38.10N, 28.74E, h5km, MD2.8
ISCJB 23 09:06:50.3.0.5, 38.09N, 0.02-28.74E:0.04, h6km, 9km,
Error ellipse: s-maj=5.8km s-min=3.9km az=168.0
CSEM 23 09:06:50.4.0.1, 38.09N, 0.28-28.73E, h4km, 2km, MD2.8, Error
ellipse: s-maj=3.1km s-min=2.2km az=86.0
DDA 23 09:06:50.0, 38.08N, 28.74E, h7km, MD2.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DENT, DENT, DENT, DENT, MANT, MANT, MANT, MANT, KULA, KULA, KULA, KULA, DNZL, DNZL, DNZL, DNZL, KHAL, KHAL, KHAL, KHAL.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KHL, KHL, AYDN, AYDN, AYDN, AYDN, DEMI, DEMI, DEMI, DEMI, VER, VER, YEB, YEB, IZM, IZM, BLCB, BLCB, BLCB, BLCB, DAT, DAT, DAT, DAT.

IDC 23 09:11:03.0.28.0, 15.42S, 175.36W, h0km, mb4.1/4,
mb1 4.2/4, mb1mx3.8/17, mbmtmp4.1/4, Error ellipse:
s-maj=512.1km s-min=163.5km az=71.0, Tonga Islands

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

NIED 23 09:31:00, 43.90N, 147.60E, h80km, Mw3.8 Best double
couple: M5.92000x10^14 N1.1x261.00000, 872.00000,
1-112.00000, NP2.1x141.00000, 833.00000,
1-35.00000

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JMA, NEM2, JMA, JMA, JRA, JRA, JNK, JNK, JAK, JAK, JTKR, JTKR, JAR, JAR, JOB, JOB, JMP, JMP, JCH, JCH, JNBK, JNBK.

IDC 23 09:35:46.2.6, 10.69N, 146.04E, h0km, mb3.6/6,
mb1 3.8/7, mb1mx3.9/22, mbmtmp3.7/7, ML4.4, n138.2/2,
Ms1 3.2/2, ms1mx2.7/28, Error ellipse: s-maj=78.9km
s-min=23.7km az=89.0, Eastern Caroline Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO, GUMO, MJAR, MJAR, WRA, WRA, CMAR, CMAR, SONM, SONM, MKAR, MKAR, ZALV, ZALV, ZALV.

ISCJB 23 09:38:48.7.0.4, 39.02N, 0.02-27.10E:0.03, h7km, 7km,
Error ellipse: s-maj=4.4km s-min=3.7km az=146.1
CSEM 23 09:38:48.9.0.2, 39.01N, 27.09E, h15km, MD3.0, Error
ellipse: s-maj=3.8km s-min=3.2km az=55.0
DDA 23 09:38:48.1, 39.01N, 27.11E, h7km, 4km, MD3.0
ISK 23 09:38:48.4, 39.02N, 27.09E, h12km, MD2.8
THE 23 09:38:49.9, 38.94N, 27.02E, h10km, 6km, ML2.7/2, Error
ellipse: s-maj=6.3km s-min=0.6km az=70.0
ISC 23 09:38:49.2.0.4, 39.01N, 0.02-27.10E:0.03, h15km, 6km,
n26, 059/46, Turkey

Main table for Turkey region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AYVA, AYVA, AYVA, AYVA, AKS, AKS, AKS, AKS, IZM, IZM, IZM, IZM, BLCB, BLCB, BLCB, BLCB, PRK, PRK, PRK, PRK, URLA, URLA, URLA, URLA, BAYL, BAYL, BAYL, BAYL, BALB, BALB, BALB, BALB, SIGR, SIGR, SIGR, SIGR, EZN, EZN, EZN, EZN, BOZZ, BOZZ, BOZZ, BOZZ, MANT, MANT, MANT, MANT, MANT, MANT, KULA, KULA, KULA, KULA, DNZL, DNZL, DNZL, DNZL, KHAL, KHAL, KHAL, KHAL.

ASAR Alice Springs 22.48 155 P P 10 00 43.6 +0.2
STKA Stephens Creek 32.98 152 P P 10 02 18.9 -0.3
KSRS Korea Array 40.69 5 LR 10 20 57.2

ISK 23 10:17:33.3, 39.04N, 25.93E, h5km, MD3.2
ATH 23 10:17:33.2, 39.03N, 25.97E, h25km, MD3.2/4
ISCJB 23 10:17:33.8, 0.7, 39.04N, 0.03, 25.91E, 0.04, h5km, 4km

Code Station Name Az AZZ Phase ID Time Res
SIGR SIGRI 0.18 350 P P 10 17 38.4 +0.2
SIGR SIGRI 0.18 350 P P 10 17 41.1 +0.3
SIGR SIGRI 0.18 350 P P 10 17 38.4 +0.2

Code Station Name Az AZZ Phase ID Time Res
SIGR SIGRI 0.18 350 P P 10 17 41.1 +0.3
PRK Paraskevi 0.36 55 ePb S P 10 17 41.0 -0.5
PRK Paraskevi 0.36 55 P P 10 17 41.1 -0.4

NNC 23 10:22:06.4, 10.0, 36.55N, 70.01E, h0km, mb3.8, mpv3.5,
Error ellipse: s-maj=115.7km s-min=82.4km az=102.0
IDC 23 10:22:11.3, 4.7, 36.46N, 70.37E, h23km, 46km, mb3.2/5,
mb1 3.2/10, mb1mx3.0/29, mbtmp3.1/10, Error ellipse:
s-maj=50.6km s-min=33.2km az=139.0

Code Station Name Az AZZ Phase ID Time Res
KBL Kabul 2.46 215 Op P 10 23 41.9 +2.0
KBL Kabul 2.46 215 P P 10 23 40.9 -0.6
KSH Kashi 5.05 53 iP P 10 23 26.8 -4.0

AAK AAK 10 25 03.6 -5.5
AAK AAK 10 25 09.6 +0.5
ULHL Ulahol 7.08 35 P Pn 10 23 56.0 +0.6

TKM2 Tokmak 2 7.35 29 iP Pn 10 23 59.1 +0.3
TKM2 Tokmak 2 7.35 29 P Pn 10 23 59.2 +0.4
TKM2 Tokmak 2 7.35 29 eP Pn 10 24 09.7 +3.0

Code Station Name Az AZZ Phase ID Time Res
KLP Kalpa 7.98 127 eP Pn 10 24 09.7 +3.0
KLP Kalpa 7.98 127 P Pn 10 24 30.7 -1.3
JOSI Joshimath 9.47 127 eS S 10 26 09.9 -2.4

Code Station Name Az AZZ Phase ID Time Res
CTA Charters Tower 17.25 234 Op P 10 28 05.8 -0.3
WRA Warramunga Arr 27.46 246 P P 10 29 45.0 +0.3
ASAR Alice Springs 29.09 239 P P 10 29 58.6 -0.4

Code Station Name Az AZZ Phase ID Time Res
NEM2 Nemuro 2 1.67 255 P Op P 10 29 05.3 +0.3
JRA Rausu 2.05 274 eS S 10 29 27.3 +0.2
JRA Rausu 2.05 274 P Pn 10 29 11.1 +0.8

Code Station Name Az AZZ Phase ID Time Res
ROSC El Rosal 4.29 117 Pn 10 30 40.3 +7.2
JTS JuntasAbangare 7.54 297 LR 10 33 36.0
SDV Santo Domingo 7.72 74 Pn 10 31 21.8 +1.6

Code Station Name Az AZZ Phase ID Time Res
RICE Riobamba 0.39 356 Op P 10 45 57.2 +0.9
MACE Macas 4.02 105 P Pn 10 46 11.8 -0.5
MACE Macas 4.02 105 S S 10 46 11.8 -0.5

CONE Cono NE Rev Vo 2.27 25 iP Pn 10 46 15.3 +1.3
CAYA Cayambe 2.27 16 P Pn 10 46 15.8 +1.7
OTAV Otavalo 2.37 4 iS S 10 46 16.3 +0.6

IDC 23 10:48:08.0, 1.2, 3.94S, 150.97E, h0km, mb3.8/8,
mb1 4.0/8, mb1mx3.8/16, mbtmp3.8/8, MS3.3/4, Ms1 3.3/4,
ms1mx2.8/22, Error ellipse: s-maj=45.6km
s-min=19.5km az=112.0, New Ireland region

Code Station Name Az AZZ Phase ID Time Res
CTA Charters Tower 16.69 196 Op P 10 56 51.1
WRA Warramunga Arr 27.21 224 P P 10 53 12.1 +0.6
ASAR Alice Springs 25.61 218 P P 10 53 39.6 +0.3

IDC 23 10:53:34.3, 3.6, 2.52S, 140.13E, h0km, mb3.5/3,
mb1 3.8/4, mb1mx3.6/14, mbtmp3.6/4, Error ellipse:
s-maj=115.6km s-min=26.7km az=92.0, Near north
coast of Irian Jaya

Code Station Name Az AZZ Phase ID Time Res
WRA Warramunga Arr 18.22 198 Op P 10 57 49.1 +0.3
FITZ Fitzroy Crossi 21.02 222 P P 10 58 19.3 -0.5

NEIC 23 11:11:47.9, 18.00N, 92.53W, h12km, MD4.1(MEX), After
MEX.
MEX 23 11:11:47.1, 0.5, 18.04N, 92.62W, h115km, 10km, MD4.1,
Bay of Campeche

Code Station Name Az AZZ Phase ID Time Res
SCX San Cristobal 1.29 180 eP Pn 11 12 18.2 +6.3
SCX San Cristobal 1.29 180 eP Pn 11 12 11.2 -0.7
SCX San Cristobal 1.29 180 eP Pn 11 12 29.5 -1.1

ISK 23 11:19:23.3, 37.71N, 26.88E, h12km, MD3.0
CSEM 23 11:19:24.3, 0.1, 37.72N, 26.97E, h12km, MD2.9, Error
ellipse: s-maj=4.7km s-min=1.6km az=75.0
DDA 23 11:19:23.9, 37.73N, 26.92E, h6km, 4km, MD2.9,
Dodecanese Islands

Code Station Name Az AZZ Phase ID Time Res
GCAM G?zelcam? 0.25 96 iP P 11 19 29.4 +0.5
GCAM G?zelcam? 0.25 96 iP P 11 19 30.7 +0.7
GCAM G?zelcam? 0.25 96 iP P 11 19 29.4 +0.5

BJI 23 11:26:51.0, 34.53N, 81.67E, h27km, ML3.8/4
ISCJB 23 11:26:53.6, 5.1, 35.28N, 0.09, 80.7E, 0.4, h7km, 34km,
mb3.4/3, Error ellipse: s-maj=53.7km s-min=13.1km
IDC 23 11:27:54.6, 6.2, 35.25N, 80.66E, h0km, mb3.4/3,
mb1 3.7/4, mb1mx3.4/24, mbtmp3.5/4, ML3.3/1, Error
ellipse: s-maj=68.6km s-min=28.4km az=83.0

Code Station Name Az AZZ Phase ID Time Res
KSH Kashi 5.67 320 Op P 11 28 31.5 +10
KSH Kashi 5.67 320 P Pn 11 28 31.5 +10
KSH comp=N,54nm,0.5s smax 11 28 31.5 +10

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like KOLN, GUN, PKI, JIRN, RAMN, MKAR, MKAR, SONM, WRA, YKA.

DJA 23 11:44:30,6.46S;104.31E,h27km,MLv3.3/6,Sunda

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like CGJ, KASI, KASI, RBSS, KLI, LWLI, DBJI, CBJI, MDSI.

JMA 23 12:10:03,6.34S;135.43E,h12km,M2.9,Near south coast of western Honshu

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like HWE, JHT, JHT, JKS, JKS, JAU2, JAU2, JWY, JWY, JKY, JKY, JKN2, JKN2, MAT, MAT, MAT.

ISCJB 23 12:10:56.8,0.6,51.41N;0.03,-6.53E,0.05,h0km,Error

ISCJB 23 12:10:56.8,0.6,51.41N;0.03,-6.53E,0.05,h0km,Error ellipse: s-maj=5.3km s-min=3.3km az=141.0

ISC 23 12:10:57.3,0.6,51.49N;0.03,-6.51E,0.04,h0km,n42,

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like BUG, BUG, HOBG, HOBG, DREG, DREG, KLL, KLL, STB, STB.

ISC 23 12:10:57.3,0.6,51.49N;0.03,-6.51E,0.04,h0km,n42,

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like KOE, KOE, BGG, BGG, BGG, BGG, GIVF, GIVF.

ISC 23 12:10:57.3,0.6,51.49N;0.03,-6.51E,0.04,h0km,n42,

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like GIVF, GIVF, TNS, TNS, TNS, TNS, BAIF, BAIF, CLZ, CLZ.

ISC 23 12:10:57.3,0.6,51.49N;0.03,-6.51E,0.04,h0km,n42,

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like CLZ, CLZ, RYFV, RYFV, RYFV, RYFV, CDF, CDF, CDF, CDF.

ISC 23 12:10:57.3,0.6,51.49N;0.03,-6.51E,0.04,h0km,n42,

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like MEZF, MEZF, HAU, HAU, HAU, HAU, HAU, HAU.

ISC 23 12:10:57.3,0.6,51.49N;0.03,-6.51E,0.04,h0km,n42,

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like HIN, HIN, LOR, LOR, LOR, LOR, LOR, LOR.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like SSS, SSS, SMF, SMF, FLN, FLN, FLN, FLN, BGF, BGF, GRR, GRR, GRR, GRR.

CSEM 23 12:15:39.0,2.0,33.82N;35.75E,h2km,ML3.4,Error

CSEM 23 12:15:39.0,2.0,33.82N;35.75E,h2km,ML3.4,Error ellipse: s-maj=9.1km s-min=4.2km az=111.0

Jordan - Syria region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like BHL, BHL, BHL, BHL, RCY, RCY, RCY, RCY, MATL, MATL, MATL, MATL.

MAN 23 12:19:07,7.09N;126.51E,h24km,mb4.5,ML3.3,MS3.2,

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like MATI, MATI, DMPH, DMPH, BIPH, BIPH, BUKP, BUKP.

ISC 23 12:25:48.7,39.89N;40.71E,h5km,MD2.8

ISC 23 12:25:48.7,39.89N;40.71E,h5km,MD2.8 Error ellipse: s-maj=17.8km s-min=5.3km az=125.1

ISC 23 12:25:50.3,0.4,39.89N;40.71E,h20km,MD2.8,Error

ISC 23 12:25:50.3,0.4,39.89N;40.71E,h20km,MD2.8,Error ellipse: s-maj=15.6km s-min=7.2km az=6.0

ISC 23 12:25:50.3,0.4,39.89N;40.71E,h20km,MD2.8,Error

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like KOPT, KOPT, EZZ, EZZ, ERZM, ERZM, ERZM, ERZM, GUMT, GUMT, GUMT, GUMT.

MAN 23 12:28:58,7.81N;124.68E,h19km,mb4.9,ML3.8,MS3.9,

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like BUKP, BUKP, BUKP, BUKP, CGP, CGP, CTBH, CTBH, KCP, KCP, PAGZ, PAGZ, BUTP, BUTP.

ISCJB 23 12:29:02.7,0.5,50.07N;0.04,-19.07E,0.03,h0km,Error

ISCJB 23 12:29:02.7,0.5,50.07N;0.04,-19.07E,0.03,h0km,Error ellipse: s-maj=6.1km s-min=2.9km az=7.4

CSEM 23 12:29:03.1,0.2,50.12N;19.10E,h2km,ML1.9/3,Error

CSEM 23 12:29:03.1,0.2,50.12N;19.10E,h2km,ML1.9/3,Error ellipse: s-maj=7.1km s-min=2.6km az=2.0

IPCC 23 12:29:03.3,0.1,50.17N;19.08E,h0km,ML1.9/3,Error

IPCC 23 12:29:03.3,0.1,50.17N;19.08E,h0km,ML1.9/3,Error ellipse: s-maj=2.8km s-min=0.7km az=168.0

WAR 23 12:29:03.3,0.5,50.08N;19.16E,5,Mining Induced

WAR 23 12:29:03.3,0.5,50.08N;19.16E,5,Mining Induced ISC 23 12:29:03.4,0.5,50.07N;0.04,-19.08E,0.03,h0km,n17,

0.62/33,Poland

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like OJC, OJC, OJC, OJC, OJC, OJC, OKC, OKC, MORC, MORC, MORC, MORC.

ISC 23 13:46:56.8,19.34N;69.47W,h149km,MD3.9(RSPR),

ISC 23 13:46:56.8,19.34N;69.47W,h149km,MD3.9(RSPR), After RSPR

RSPR 23 13:46:56.8,19.34N;69.47W,h149km,MD3.9/3,

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like DPC, DPC, DPC, DPC, DPC, DPC, KECS, KECS, KSP, KSP.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like KSP, KSP, KRUC, KRUC, KRUC, KRUC, KOLS, KOLS, KOLS, KOLS.

DDA 23 12:50:54.8,37.47N;38.20E,h7km,1km,MD3.1

DDA 23 12:50:54.8,37.47N;38.20E,h7km,1km,MD3.1 Error ellipse: s-maj=8.1km s-min=3.6km az=163.2

CSEM 23 12:50:55.1,0.1,37.43N;38.22E,h5km,MD3.1,Error

CSEM 23 12:50:55.1,0.1,37.43N;38.22E,h5km,MD3.1,Error ellipse: s-maj=3.7km s-min=2.1km az=144.0

ISC 23 12:50:55.0,37.44N;38.21E,h10km,MD3.0

ISC 23 12:50:55.0,37.44N;38.21E,h10km,MD3.0 Error ellipse: s-maj=10.0km s-min=6.8km az=100.0

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like ATAB, ATAB, ATAB, ATAB, URFA, URFA, URFA, URFA, GZT, GZT, GZT, GZT.

ISCJB 23 13:29:21.8,0.7,5.93N;0.04,-126.51E,0.06,h94km,7km,

ISCJB 23 13:29:21.8,0.7,5.93N;0.04,-126.51E,0.06,h94km,7km, mb4.4/15, Error ellipse: s-maj=10.1km s-min=7.2km

DJA 23 13:29:21.8,0.7,5.93N;0.04,-126.51E,0.06,h94km,7km,

DJA 23 13:29:21.8,0.7,5.93N;0.04,-126.51E,0.06,h94km,7km, mb4.4/15, Error ellipse: s-maj=10.1km s-min=7.2km

MAN 23 13:29:22.5,9.93N;126.47E,h86km,mb4.9,ML3.8,MS3.9,

MAN 23 13:29:22.5,9.93N;126.47E,h86km,mb4.9,ML3.8,MS3.9, NEIC 23 13:29:22.6,1.2,5.98N;126.60E,h84km,11km,mb4.9/5,

ISC 23 13:29:23.2,1.5,5.96N;126.56E,h88km,13km,mb3.9/10,

ISC 23 13:29:23.2,1.5,5.96N;126.56E,h88km,13km,mb3.9/10, mb1.4/11,mb1mx3.8/21,mbtmp4.0/11, Error ellipse: s-maj=27.8km s-min=10.9km az=78.0

ISC 23 13:29:22.6,0.7,5.91N;0.04,-126.54E,0.06,h83km,8km,

ISC 23 13:29:22.6,0.7,5.91N;0.04,-126.54E,0.06,h83km,8km, n41,-0.99/49,mb4.4/15,2C-12D,Mindanao

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like MATI, MATI, DAV, DAV, DAV, DAV, GSPH, GSPH, KCP, KCP, BIPH, BIPH, BUKP, BUKP, CGP, CGP, BUTP, BUTP, IPIL, IPIL, MSLP, MSLP, ZMPH, ZMPH, LLP, LLP, PLP, PLP.

KAPI Kappang 12.80 21.2 P

KAPI Kappang 12.80 21.2 P 0.8nm,0.3s,baz=91,slo=2.0,SNR=10

KSM Kuching 16.79 25.5 P

KSM Kuching 16.79 25.5 P 11nm,1.1s

KAKA Kakadu 19.41 16.2 P

KAKA Kakadu 19.41 16.2 P 52nm,0.6s

FITZ Fitzroy Crossi 23.88 18.2 P

FITZ Fitzroy Crossi 23.88 18.2 P 11nm,0.8s,mb4.2

FITZ Fitzroy Crossi 23.88 18.2 P

FITZ Fitzroy Crossi 23.88 18.2 P 4.0nm,0.5s,mb4.0,baz=13,slo=5.7,SNR=30

COEN Coen 25.73 14.0 P

COEN Coen 25.73 14.0 P 2.2nm,0.5s,mb4.1,baz=345,slo=7.0,SNR=78

ASAR Asar Springs 30.26 16.7 P

ASAR Asar Springs 30.26 16.7 P 2.2nm,0.5s,mb4.1,baz=345,slo=7.0,SNR=78

ASAR Fort Forrest 36.51 17.8 P

ASAR Fort Forrest 36.51 17.8 P 0.2nm,0.6s,baz=337,slo=3.4,SNR=8.6

NWAO Narrogin (SRO) 39.62 19.2 P

NWAO Narrogin (SRO) 39.62 19.2 P 5.4nm,0.4s,mb4.8,baz=153,slo=10,SNR=14

STKA Stephens Creek 40.23 16.0 P

STKA Stephens Creek 40.23 16.0 P 2.5nm,0.4s,mb4.4

PETK Petroflovsk 53.50 23 P

PETK Petroflovsk 53.50 23 P 3.1nm,1.0s,mb4.3,baz=188,slo=9.0,SNR=4.5

MKAR Makanchi Array 55.67 32.5 P

MKAR Makanchi Array 55.67 32.5 P 1.2nm,0.4s,mb4.2,baz=122,slo=9.4,SNR=5.3

MKAR Makanchi Array 55.67 32.5 P

MKAR Makanchi Array 55.67 32.5 P 0.6nm,0.4s,mb4.0,baz=120,slo=8.8,SNR=5.2

KURK Kurchatov 59.82 32.7 P

KURK Kurchatov 59.82 32.7 P 3.5nm,0.6s,mb4.6

BRVK Borovoye 65.48 32.7 P

BRVK Borovoye 65.48 32.7 P 2.2nm,0.6s,mb4.2

ARCES ARCES Array B 88.35 34.0 P

ARCES ARCES Array B 88.35 34.0 P 2.8nm,0.7s,mb4.4,baz=77,slo=5.5,SNR=7.3

YKA Yellowknife Arr 97.60 24 P

YKA Yellowknife Arr 97.60 24 P 0.2nm,0.7s,mb3.7,baz=302,slo=4.7,SNR=4.1

NEIC 23 13:46:56.8,19.34N;69.47W,h149km,MD3.9(RSPR),

NEIC 23 13:46:56.8,19.34N;69.47W,h149km,MD3.9(RSPR), After RSPR

RSPR 23 13:46:56.8,19.34N;69.47W,h149km,MD3.9/3,

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like PCDR, PCDR, LSP, LSP, CRPR, CRPR, AOPR, AOPR.

BUI 23 15:14:13.9,19:30N:109:10W,h10km,M57 4.6/2
IDC 23 15:14:16.6,1.0,19:49N:109:12W,h0km,mb3.8/6,
mb1 4.1/9,mb1mx4.0/22,mbtmb3.8/9,ML3.4/3,MS4.0/4,
MS1 4.0/4,ms1mx3.5/36,Error ellipse: s-maj=23.5km
s-min=16.2km az=129.0
NEIC 23 15:14:17.9,0.7,19:34N:109:14W,h10km,mb4.1/20,
Error ellipse: s-maj=14.5km s-min=9.0km az=64.0
ISCJB 23 15:14:19.4,0.7,19:38N:106:108:98W,0.06,h33km,
mb4.0/17,MS4.1/5,Error ellipse: s-maj=8.6km
s-min=7.5km az=23.0
ISC 23 15:14:21.0,0.7,19:33N:106:109:08W,0.06,h35km,
n262,0.06/253,mb4.0/17,MS4.1/5,102C-115D,Revilla
Gigedo Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists various seismic stations like TXAR, 626A, 627A, etc.

Main seismic event table with columns: W14A, WUAZ, W13A, etc. Includes event details like magnitude, time, and location for stations like Seligman, Wupatki, Hualapai Mount, etc.

Table with columns: SONA, KK31, KK31, AB31, AKTO. Includes station names, coordinates, and various codes.

NEIC 23 16:06:18.9, 19:63N:69:00W, h176km, MD4.1 (RSPR), After RSPR.

RSPR 23 16:06:18.9, 19:63N:69:00W, h176km, MD4.1, 4C-1D, Dominican Republic region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists stations like Punta Cana, Cabo Rojo, Canovanas, Cerro la Pandu, Monte Pirata.

IDC 23 16:33:03.6, 0.9, 7:85S:125:66E, h0km, mb4.0/6, mb1 4.1/9, mb1mx4.0/16, mbtmp4.0/9, ML3.8/3, MS3.3/3, Ms1 3.2/3, ms1mx2.8/25, Error ellipse: s-maj=39.6km s-min=17.5km az=61.0

ISCJB 23 16:33:05.4, 0.4, 8:13S:0:06:125:62E:0:08, h33km, mb4.4/21, Error ellipse: s-maj=13.0km s-min=5.2km az=145.9

NEIC 23 16:33:07.2, 3.5, 7:94S:125:64E, h25km, mb4.3/4, Error ellipse: s-maj=21.7km s-min=8.6km az=48.0

ISC 23 16:33:07.9, 0.4, 8:06S:0:06:125:67E:0:08, h35km, n30, o#95/32, mb4.4/21, Timor region

Main table listing stations with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Kappang, Kakadu, Fitzroy Crossi, Tennant Creek, Warramunga Arr, Dava, ASAR, STKA, CMAR, CHTO, ODAN, TAPN, RAMN, JIRN, GUN, PKI, PKIN, KKN, GKN, KOLN, DANN, SONM, PETK, MKAR, AAK, ZALV, KURK, BRVK, CPUP.

ISCJB 23 16:35:02.8, 0.7, 5:71S:0:07:23:24E:0:08, h10km, mb4.1/9, Error ellipse: s-maj=13.4km s-min=7.6km az=32.4

IDC 23 16:35:06.1, 1.4, 5:29S:23:04E, h0km, mb3.9/4, mb1 3.9/5, mb1mx3.6/21, mbtmp3.9/5, ML3.5/1, MS3.5/1, Ms1 3.4/1, ms1mx2.7/31, Error ellipse: s-maj=37.5km s-min=27.6km az=81.0

ISC 23 16:35:10.9, 8.4, 6:19S:23:67E, h10km, mb4.2

PRE 23 16:35:04.8, 0.7, 5:70S:0:06:23:22E:0:08, h10km, n19, o#140/21, mb4.1/9, Zaire

Table listing stations with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Tsumeb, Kilima Mbo, Kilima Mbo, Messina, Lobatse, Mopani, Koster, Silverton, Mopani, Prays, Upington.

Table listing stations with columns: UPI, BOSA, BOSA, BOSA, BOSA, POGA, POGA, PKA, PKA, SOE, TORO, TRRD, BORD, MKAR. Includes station names, coordinates, and various codes.

IDC 23 16:41:16.3, 1.9, 1:91N:126:85E, h0km, mb3.5/3, mb1 3.7/4, mb1mx3.4/18, mbtmp3.5/4, ML3.6/1, Error ellipse: s-maj=113.1km s-min=23.3km az=69.0

DJA 23 16:41:26.1, 99N:126:60E, h45km, ML3.8/3

ISC 23 16:41:22.4, 2.2, 1:87N:108:126E:0:2, h47km, n8, o#102/11, mb3.5/3, Northern Molucca Sea

Table listing stations with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MNI, MNI, SGSI, SGSI, LBMI, LBMI, MRSI, FITZ, WRA, WRA, ASAR, MKAR.

ISCJB 23 16:56:21.7, 1.1, 4:7:6S:0:2:99:4E:0:4, h10km, mb3.9/7, Error ellipse: s-maj=42.4km s-min=17.1km az=34.3

IDC 23 16:56:22.1, 1.1, 4:7:64S:99:48E, h0km, mb4.0/5, mb1 4.1/5, mb1mx3.9/13, mbtmp4.0/5, Error ellipse: s-maj=50.0km s-min=20.5km az=121.0

NEIC 23 16:56:23.5, 0.9, 4:7:62S:99:54E, h10km, mb3.9/1, Error ellipse: s-maj=41.7km s-min=17.2km az=124.0

ISC 23 16:56:23.7, 1.4, 4:7:5S:0:2:99:5E:0:4, h10km, n11, o#103/9, mb3.9/7, Southeast Indian Ridge

Table listing stations with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MAW, MAW, STKA, STKA, ASAR, ASAR, WRA, WRA, WRAB, WRAB, QSPA, QSPA, CMAR, CMAR, INK, INK, NVAR, NVAR.

LDG 23 17:12:31.5, 0.4, 21:94S:170:16E, h10km, Mb4.9/1, Error ellipse: s-maj=38.5km s-min=6.6km az=166.0

IDC 23 17:12:35.9, 1.6, 20:10S:168:73E, h0km, mb4.4/11, mb1 4.5/11, mb1mx4.4/17, mbtmp4.3/11, MS4.0/7, Ms1 4.0/7, ms1mx3.6/27, Error ellipse: s-maj=59.9km s-min=21.0km az=144.0

ISCJB 23 17:12:38.4, 4.4, 20:1S:0:1:168:6E:0:1, h24km, mb3.0/30km, mb4.4/16, MS4.0/6, Error ellipse: s-maj=25.0km s-min=10.6km az=39.3

NEIC 23 17:12:41.1, 0.7, 20:15S:168:63E, h35km, mb4.6/4, Error ellipse: s-maj=28.5km s-min=9.8km az=140.0

ISC 23 17:12:38.8, 4.4, 20:1S:0:1:168:7E:0:1, h18km, mb2.6km, n65, o#86/30, mb4.4/17, MS4.0/6, 10D, Loyalty Islands

Table listing stations with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DZM, DZM, NOUC, NOUC, AFI, AFI, CTA, CTA, CTA, CTA, STKA, STKA, STKA, STKA, WRAB, WRAB, WRA, WRA, ASAR, ASAR, PPT, PPT, FITZ, FITZ, FITZ, FITZ, MWAO, MWAO, MJAR, MJAR, PETK, PETK, CMAR, CMAR, KDAK, KDAK, ULN, ULN, TTA, TTA, GTA, GTA, GTA, GTA, SONM, SONM.

DDA 23 17:28:28.8, 36:95N:27:46E, h22km, 1km, Md3.4

CSEM 23 17:38:28.7, 0.2, 36:86N:27:48E, h2km, MD3.4, Error ellipse: s-maj=4.7km s-min=3.3km az=59.0

ISC 23 17:38:28.8, 0.5, 36:85N:0:02:27:48E:0:04, h6km, 4km, Error ellipse: s-maj=5.3km s-min=3.3km az=156.3

NEIC 23 17:38:29.5, 36:86N:27:59E, h53km, MD3.5/6

ATH 23 17:38:29.5, 36:88N:27:59E, h53km, 26km, MD3.5/6

ISC 23 17:38:29.1, 0.5, 36:85N:0:02:27:48E:0:04, h6km, 3km, n66, o#97/89, Dodecanese Islands

Table listing stations with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DAT, DAT, DAT, DAT, BDRM, BDRM, BDRM, BDRM, BODT, BODT, BODT, BODT, MLSB, MLSB, MLSB, MLSB, YER, YER, YER, YER, ARG, ARG, ARG, ARG.

Table listing stations with columns: VNA2, NVAR, USHA, USHA, DLSC, DLSC, INK, INK, TXAR, TXAR, CONA, CONA, CSNA, CSNA, KHC, KHC, GERES, GERES, ARSA, ARSA, MOA, MOA, SOKA, SOKA, KBA, KBA, ABTA, ABTA, ARZBER, ARZBER, WTTA, WTTA, SQT, SQT, RETA, RETA, WLF, WLF, BAF, BAF, BFO, BFO, FETA, FETA, DAVA, DAVA, CDF, CDF, HAU, HAU, MEZ, MEZ, CABF, CABF, FLN, FLN, LOR, LOR, SSF, SSF, GRR, GRR, LPL, LPL, LPGA, LPGA, BNI, BNI, BGF, BGF, ORIF, ORIF, TCF, TCF.

ISK 23 17:27:20.2, 36:86N:27:50E, h2km, MD2.9

ISCJB 23 17:27:21.0, 0.7, 36:86N:0:03:27:52E:0:06, h2km, 10km, Error ellipse: s-maj=8.8km s-min=4.7km az=160.0

CSEM 23 17:27:21.0, 0.1, 36:86N:27:49E, h0km, MD2.8, Error ellipse: s-maj=3.6km s-min=2.8km az=62.0

DDA 23 17:27:24.3, 37:13N:27:47E, h7km, 4km, MD2.8

ISC 23 17:27:21.0, 0.9, 36:84N:0:04:27:48E:0:07, h4km, 3km, n21, o#82/30, Dodecanese Islands

Table listing stations with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DAT, DAT, DAT, DAT, BDRM, BDRM, BDRM, BDRM, BODT, BODT, BODT, BODT, MLSB, MLSB, MLSB, MLSB, YER, YER, YER, YER, AYDN, AYDN, AYDN, AYDN, DAL, DAL, DAL, DAL, DALT, DALT, DALT, DALT, FETH, FETH, FETH, FETH, IZM, IZM, IZM, IZM, MANT, MANT, MANT, MANT, ELL, ELL, ELL, ELL.

IDC 23 17:29:01.2, 0.8, 33S:125:84E, h0km, mb3.4/1, mb1 3.5/4, mb1mx3.3/16, mbtmp3.3/4, ML3.2/3, Error ellipse: s-maj=107.2km s-min=28.6km az=68.0, Timor region

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

DDA 23 17:38:28.8, 36:95N:27:46E, h22km, 1km, Md3.4

CSEM 23 17:38:28.7, 0.2, 36:86N:27:48E, h2km, MD3.4, Error ellipse: s-maj=4.7km s-min=3.3km az=59.0

ISC 23 17:38:28.8, 0.5, 36:85N:0:02:27:48E:0:04, h6km, 4km, Error ellipse: s-maj=5.3km s-min=3.3km az=156.3

NEIC 23 17:38:29.5, 36:86N:27:59E, h53km, MD3.5/6

ATH 23 17:38:29.5, 36:88N:27:59E, h53km, 26km, MD3.5/6

Table listing stations with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DAT, DAT, DAT, DAT, BDRM, BDRM, BDRM, BDRM, BODT, BODT, BODT, BODT, MLSB, MLSB, MLSB, MLSB, YER, YER, YER, YER, ARG, ARG, ARG, ARG.

23d 18h

Table with columns for call sign, name, frequency, and other details. Includes entries like SDNR, PETK, HYB, FITZ, etc.

2008 APR

Table with columns for call sign, name, frequency, and other details. Includes entries like AML, EKSZ, WRAB, WRA, etc.

1082

Table with columns for call sign, name, frequency, and other details. Includes entries like HOQ, BSY, GAMB, ARQ, HATD, etc.

23d 18h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Sonseca Array, Lac du Bonnet, San Pablo, etc.

2008 APR

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TXAR, CMLA, ACSO, BINY, etc.

1086

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PLCA, TROA, LCO, etc.

TAP 23:18:29.49.3,22.922N-121.666E,h19km,2.1km,ML4.4,D,

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like CHKT, TTN, TWG, etc.

IDC 23:18:31.13.6:1.7.9.40S-123.82E,h0km,mb4.3/1,

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like KAPI, FITZ, WRA, etc.

IDC 23:18:52.48.8:1.2,22.74N:121.76E,h0km,mb3.5/5,

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like CHKT, TTN, TWG, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like CHKT, TTN, TWG, etc.

Table with columns: TSEB, Hengchuen, Pin, 1.24 222 eP, Pg, 18 53 12.8 -0.6, etc. Lists various stations and their coordinates.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station codes and names.

Table with columns: FCH, Ovalle, 1.65 315 eP, Pn, 19 01 55.9, etc. Lists stations like Ovalle and Cerro Calan.

Table with columns: DAT, Dataca, 0.10 150 eP, Pg, 19 07 53.0 +0.7, etc. Lists stations like Dataca and Kayabasi.

Table with columns: PCRV, Puerto La Cruz, 9.23 101 LR, LR, 19 20 46.6, etc. Lists stations like Puerto La Cruz and Yelkownite Ar.

Table with columns: TAP 23 19:18:03.5, 22.82N, 121.69E, h31km, ML3.5, C, Taiwan region, etc. Lists stations in Taiwan.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station codes and names for the Taiwan region.

Table with columns: WKG, baz=310, eS, Sn, 19 18 46.1 +3.2, etc. Lists stations like WKF, WNT, TWI, etc.

ISCJB 23 19:25:53.5, 0.4, 40.27N, 0.02, 27.17E, 0.03, h9km, 4km, Error ellipse: s-maj=4.3km s-min=3.5km az=17.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station codes and names.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station codes and names.

ISC 23 19:26:12.6, 4.5, 36.35N, 70.97E, h166km, 40km, mb3.1/7, mb1.3/2, mb1mx3.1/23, mbtmp3.1/12, Error ellipse: s-maj=32.4km s-min=19.0km az=31.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station codes and names.

23d 19h

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like MAKANCHI Array, DANGSANG, KOLDANDA, etc.

IDC 23 19:29:43.3.1.5, 7.94S, 106.97E, h0km, mb3.7/10, mb1.3/9.10, mb1mx3.8/22, mbtmp3.8/10, Error ellipse: s-maj=77.6km s-min=15.0km az=49.0

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like LEMBANG, DRAMAGA, CIBINONG, etc.

NEIC 23 19:33:50.9.0.7, 22.90N, 121.78E, h10km, mb3.7/3, Error ellipse: s-maj=12.5km s-min=9.5km az=67.0

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

2008 APR

Main table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like LAY, TEGC, TAW, EAST, etc.

1088

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like HSN, TWA, PNG, etc.

SSD	baz=270	eS	Sb	20 34 26.5	-1.8	ECL	baz=251	S	Sb	20 35 23.9	-0.9		
ALS	Alishan baz=309	1.05 309	↑P	Pb	20 34 16.5	-0.2	EHY	Hungye baz=340	0.75 332	eP	Pb	20 35 14.9	-0.4
ALS	baz=309	eS	Sb	20 34 30.5	+0.4	LAY	Lan-yu baz=191	0.81 190	eP	Pb	20 35 15.0	-1.3	
SGST	Jiashian baz=282	1.05 283	↓P	Pb	20 34 16.9	+0.1	LAY	baz=191	eS	Sb	20 35 25.5	-1.3	
SGST	baz=282	S	Sb	20 34 32.0	+1.8	TAW	Tawu baz=248	0.89 237	P	Pb	20 35 16.9	-0.8	
WTP	Ta-pu baz=291	1.07 292	eP	Sb	20 34 16.7	-0.4	TAW	baz=248	eS	Sb	20 35 28.4	-0.7	
WTP	baz=291	eS	Sb	20 34 32.5	+1.9	EAST	Anshou baz=251	0.92 240	eP	Pb	20 35 17.4	-0.6	
SCZT	Fangliu baz=250	1.10 244	eP	Pn	20 34 16.8	-0.8	EAST	baz=251	eS	Sb	20 35 28.8	-1.1	
SCZT	baz=250	S	Sb	20 34 30.4	-1.3	STYT	Tauyuan baz=290	0.93 290	eP	Pb	20 35 18.1	-0.2	
SGLT	Jiuru baz=263	1.12 264	eP	Pn	20 34 17.6	-0.3	STYT	baz=290	eS	Sb	20 35 29.4	-0.9	
SGLT	baz=263	eS	Sb	20 34 33.9	+1.8	YUS	Yu-Shan baz=312	0.95 313	↑P	Pb	20 35 18.2	-0.4	
HWA	baz=263	1.12 356	eP	Pn	20 34 15.9	-2.0	YUS	baz=312	eS	Sb	20 35 30.6	-0.1	
HWA	Hwaiien baz=356	1.12 356	eP	Pn	20 34 32.3	+0.1	SSD	Sandimen baz=265	1.00 265	eP	Pb	20 35 18.4	-1.1
HWA	baz=356	eS	Sb	20 34 32.3	+0.1	ESL	Shilin baz=354	1.00 345	eP	Pb	20 35 18.5	-1.1	
CHN1	Nanshi baz=287	1.12 287	P	Pn	20 34 18.5	+0.5	ESL	baz=354	eS	Sb	20 35 30.9	-1.4	
CHN1	baz=287	eS	Sb	20 34 34.2	+1.9	SGST	Jiashian baz=284	1.06 283	eP	Pn	20 35 20.4	0.0	
TWM1	Shoushan baz=269	1.17 269	eP	Pn	20 34 19.6	+1.0	WTP	Ta-pu baz=292	1.09 292	eP	Pn	20 35 20.6	-0.1
TWK	Hsiinying baz=290	1.18 291	eP	Pn	20 34 19.0	+0.2	WTP	baz=292	eS	Sb	20 35 35.9	+1.2	
TWK	baz=290	eS	Sb	20 34 35.9	+1.8	SCZT	Fangliu baz=237	1.11 245	eP	Pn	20 35 20.1	-0.9	
CHN5	Tsauling baz=308	1.19 309	P	Pn	20 34 19.2	+0.4	SGLT	Jiuru baz=263	1.13 264	eP	Pn	20 35 21.3	0.0
CHN5	baz=308	eS	Sb	20 34 35.4	+1.1	HWA	Hwaiien baz=355	1.13 355	eP	Pn	20 35 19.9	-1.5	
TSEB	Hengchuen, Pin baz=219	1.20 218	eP	Pn	20 34 19.1	+0.1	HWA	baz=355	eS	Sb	20 35 35.2	-0.9	
TSEB	baz=219	eS	Sb	20 34 34.5	0.0	CHN1	Nanshi baz=287	1.14 288	eP	Pn	20 35 21.7	+0.2	
HEN	Hengchun baz=226	1.22 226	eP	Pn	20 34 18.4	-0.9	CHN1	baz=287	eS	Sb	20 35 37.9	+1.6	
HEN	baz=226	eS	Sb	20 34 34.0	-1.2	TWM1	Shoushan baz=270	1.19 269	eP	Pn	20 35 23.6	+1.5	
TWK1	Hengchun baz=222	1.22 222	eP	Pn	20 34 18.0	-1.3	TSEB	Hengchuen, Pin baz=220	1.20 219	eP	Pn	20 35 22.0	-0.2
TWD	Chiawan baz=5.0	1.22 356	P	Pn	20 34 17.9	-1.4	TSEB	baz=220	eS	Sn	20 35 38.5	+0.6	
TWD	baz=5.0	eS	Sb	20 34 33.3	-1.9	TWK	Hsiinying baz=292	1.20 291	eP	Pn	20 35 22.3	0.0	
CHN3	Shinhua baz=280	1.24 280	eP	Pn	20 34 21.5	+1.9	CHN5	Tsauling baz=309	1.21 309	eP	Pn	20 35 22.4	0.0
CHN3	baz=280	eS	Sb	20 34 39.9	+4.1	HEN	Suao baz=327	1.23 227	eP	Pn	20 35 22.4	-0.2	
SMLT	Sun Moon Lake baz=332	1.26 325	P	Pn	20 34 19.6	-0.2	HEN	baz=327	eS	Sn	20 35 37.7	-0.8	
SMLT	baz=332	eS	Sb	20 34 36.6	+0.4	TWK1	Hengchun baz=223	1.23 223	eP	Pn	20 35 21.9	-0.7	
TYC	Yuchr baz=330	1.30 324	eP	Pn	20 34 20.8	+0.4	CHN3	Shinhua baz=282	1.26 281	eP	Pn	20 35 25.9	+2.8
TYC	baz=330	eS	Sb	20 34 38.2	+1.0	TYC	Yuchr baz=333	1.31 324	eP	Pn	20 35 23.9	0.0	
CHN2	Minshiang baz=301	1.31 301	eP	Pn	20 34 21.3	+0.8	TYC	baz=333	eS	Sn	20 35 40.2	-0.6	
CHN2	baz=301	eS	Sn	20 34 39.9	+2.4	CHN2	Minshiang baz=301	1.33 301	eP	Pn	20 35 25.0	+0.9	
TWP	Hsiaoliuchiu baz=243	1.33 248	eP	Pn	20 34 23.4	+2.6	CHN2	baz=301	eS	Sn	20 35 42.8	+1.7	
TWP	baz=243	eS	Sn	20 34 42.0	+4.0	WTK	Hsiaoliuchiu baz=250	1.34 249	eP	Pn	20 35 26.6	+2.5	
WGK	Gukung baz=323	1.33 309	eP	Pn	20 34 22.1	+1.4	WGK	Gukung baz=308	1.35 309	eP	Pn	20 35 25.9	+1.5
WGK	baz=323	eS	Sn	20 34 40.2	+2.2	WGK	baz=308	eS	Sn	20 35 44.1	+2.6		
CHY	Chiayi baz=299	1.33 299	eP	Pn	20 34 21.2	+0.4	CHY	Chiayi baz=299	1.35 299	eP	Pn	20 35 25.3	+0.9
CHY	baz=299	eS	Sn	20 34 40.8	+2.7	CHY	baz=299	eS	Sn	20 35 43.7	+2.1		
WHF	Hehuan Shan baz=343	1.34 343	eP	Pn	20 34 20.5	-0.5	WHF	Hehuan Shan baz=342	1.36 343	eP	Pn	20 35 24.4	0.0
WHF	baz=343	S	Sn	20 34 36.7	-1.7	WHF	baz=342	eS	Sn	20 35 41.0	-0.9		
WNT	Mingjian baz=318	1.38 318	eP	Pn	20 34 22.6	+1.2	TWT	Tachien baz=340	1.49 341	eP	Pn	20 35 26.7	+0.4
WNT	baz=318	eS	Sn	20 34 41.1	+2.0	TWT	baz=340	eS	Pn	20 35 44.4	-0.6		
SCLT	Jiali baz=283	1.42 283	eP	Pn	20 34 23.1	+1.1	TCU	Taichung baz=310	1.61 324	eP	Pn	20 35 30.3	+2.4
SCLT	baz=283	eS	Sn	20 34 42.4	+2.2	TCU	baz=310	eS	Sn	20 35 50.6	+2.6		
CHN8	Vju baz=290	1.45 290	eP	Pn	20 34 23.6	+1.2	NNS	Nan Shan baz=349	1.62 349	eP	Pn	20 35 27.9	-0.1
CHN8	baz=290	eS	Sn	20 34 43.7	+2.7	NNS	baz=349	eS	Pn	20 35 47.7	-0.6		
TWT	Tachien baz=340	1.47 341	eP	Pn	20 34 22.9	+0.2	TWQ1	Liyutan baz=343	1.73 330	eP	Pn	20 35 31.9	+2.4
TWT	baz=340	eS	Sn	20 34 40.2	-1.3	TWQ1	baz=343	eS	Sn	20 35 53.7	+2.8		
TCU	Taichung baz=324	1.59 324	eP	Pn	20 34 26.1	+1.7	TWC	Suao baz=4.0	1.76 4	eP	Pn	20 35 30.1	+0.1
TCU	baz=324	S	Sn	20 34 46.9	+2.5	TWC	Sanyi baz=343	1.79 331	eP	Pn	20 35 32.7	+2.3	
NNS	Nan Shan baz=349	1.61 350	eP	Pn	20 34 24.4	-0.2	NSY	Sanyi baz=343	1.79 331	eP	Pn	20 35 55.3	+2.8
NNS	baz=349	eS	Sn	20 34 43.8	-1.1	NSK	Sanguang baz=351	1.85 350	eP	Pn	20 35 32.9	+1.6	
TWQ1	Liyutan baz=344	1.71 331	P	Pn	20 34 27.7	+1.7	TWE	Neiteng baz=348	1.87 359	eP	Pn	20 35 31.7	+0.2
TWQ1	baz=344	S	Sn	20 34 49.8	+2.4	NSTT	Nanjuang baz=340	1.90 340	eP	Pn	20 35 34.1	+2.2	
TWC	Suao baz=15	1.75 5	eP	Pn	20 34 26.4	-0.2	NSTT	baz=340	eS	Sn	20 35 56.6	+1.5	
TWC	baz=15	eS	Pn	20 34 47.2	-1.2								
NSY	Sanyi baz=331	1.77 331	eP	Pn	20 34 28.8	+1.9							
NSY	baz=331	eS	Sn	20 34 52.0	+3.0								
ENTT	Nioudou baz=357	1.78 356	eP	Pn	20 34 26.9	-0.1							
ENTT	baz=357	eS	Pn	20 34 28.1	+0.3								
NSK	Sanguang baz=350	1.84 350	P	Pn	20 34 28.1	+0.3							
NSK	baz=350	S	Pn	20 34 49.5	-1.1								
TWE	Neicheng baz=9.0	1.86 359	eP	Pn	20 34 27.7	-0.3							
TWE	baz=9.0	eS	Pn	20 34 51.1	0.0								
NSTT	Nanjuang baz=340	1.88 340	eP	Pn	20 34 29.7	+1.4							
NSTT	baz=340	eS	Pn	20 34 52.3	+0.7								
PNG	Penghu baz=291	2.09 290	eP	Pn	20 34 31.6	+0.3							
PNG	baz=291	eS	Pn	20 34 34.0	+1.2								
NWF	Wu-fen Shan baz=351	2.21 2	eP	Pn	20 35 00.7	+1.0							
NWF	baz=351	eS	Pn	20 35 00.7	+1.0								

ECL	baz=251	S	Sb	20 35 23.9	-0.9	SSD	Sandimen baz=265	1.01 265	eP	Pb	20 35 25.9	-1.1	
EHY	Hungye baz=340	0.75 332	eP	Pb	20 35 14.9	-0.4	SGST	Jiashian baz=288	1.07 283	eP	Pn	20 35 27.9	-0.1
LAY	Lan-yu baz=191	0.81 190	eP	Pb	20 35 15.0	-1.3	WTP	Ta-pu baz=292	1.09 292	eP	Pn	20 35 28.2	-0.2
LAY	baz=191	eS	Sb	20 35 25.5	-1.3	WTP	baz=292	eS	Sb	20 35 43.5	+1.1		
TAW	Tawu baz=248	0.89 237	P	Pb	20 35 16.9	-0.8	CHN1	Nanshi baz=288	1.15 288	eP	Pn	20 35 29.5	+0.4
TAW	baz=248	eS	Sb	20 35 28.4	-0.7	CHN1	baz=288	eS	Sb	20 35 45.4	+1.5		
EAST	Anshou baz=251	0.92 240	eP	Pb	20 35 17.4	-0.6	TWM1	Shoushan baz=270	1.20 270	eP	Pn	20 35 30.9	+1.2
EAST	baz=251	eS	Sb	20 35 28.8	-1.1	TSEB	Hengchuen, Pin baz=221	1.20 219	eP	Pn	20 35 29.6	-0.2	
STYT	Tauyuan baz=290	0.93 290	eP	Pb	20 35 18.1	-0.2	TSEB	baz=221	eS	Sb	20 35 45.0	-0.4	
STYT	baz=290	eS	Sb	20 35 29.4	-0.9	TWK	Hsiinying baz=291	1.21 291	eP	Pn	20 35 30.4	+0.5	
YUS	Yu-Shan baz=312	0.95 313	↑P	Pb	20 35 18.2	-0.4	CHN5	Tsauling baz=309	1.22 308	eP	Pn	20 35 30.2	+0.1
YUS	baz=312	eS	Sb	20 35 30.6	-0.1	TWK1	Hengchun baz=224	1.23 224	eP	Pn	20 35 29.5	-0.7	
SSD	Sandimen baz=265	1.00 265	eP	Pb	20 35 18.4	-1.1	HEN	Hengchun baz=217	1.23 228	eP	Pn	20 35 29.3	-0.8
ESL	Shilin baz=354	1.00 345	eP	Pb	20 35 18.5	-1.1	HEN	baz=217	eS	Sn	20 35 45.8	-0.4	
ESL	baz=354	eS	Sb	20 35 30.9	-1.4	TYC	Yuchr baz=333	1.32 323	eP	Pn	20 35 31.4	-0.1	
SGST	Jiashian baz=284	1.06 283	eP	Pn	20 35 20.4	0.0	TYC	baz=333	eS	Sn	20 35 47.7	-0.8	
WTP	Ta-pu baz=292	1.09 292	eP	Pn	20 35 20.6	-0.1	TWP	Hsiaoliuchiu baz=250	1.34 249	eP	Pn	20 35 34.2	+2.4
WTP	baz=292	eS	Sb	20 35 35.9	+1.2	WGK	Gukung baz=308	1.36 309	eP	Pn	20 35 33.1	+1.2	
SCZT	Fangliu baz=237	1.11 245	eP	Pn	20 35 20.1	-0.9	WGK	baz=308	eS	Sn	20 35 51.7	+2.3	
SGLT	Jiuru baz=263	1.13 264	eP	Pn	20 35 21.3	0.0	CHY	Chiayi baz=299	1.36 299	eP	Pn	20 35 32.8	+0.8
HWA	Hwaiien baz=355	1.13 355	eP	Pn	20 35 19.9	-1.5	CHY	baz=299	eS	Sn	20 35 51.2	+1.8	
HWA	baz=355	eS	Sb	20 35 35.2	-0.9	WHF	Hehuan Shan baz=342	1.37 342	eP	Pn	20 35 32.0	-0.1	
CHN1	Nanshi baz=287	1.14 288	eP	Pn	20 35 21.7	+0.2	WHF	baz=342	eS	Pn	20 35 48.9	-0.7	
CHN1	baz=287	eS	Sb	20 35 37.9	+1.6	TWT	Tachien baz=339	1.49 341	eP	Pn	20 35 34.2	+0.4	
TWM1	Shoushan baz=270	1.19 269	eP										

TWS1	eS	Sn	22 05 20.5 +0.2	
IRIF	baz=7.0	Pn	22 04 53.6 +0.9	
IRIF	Iriomote-Funau	S	22 05 20.8 -0.9	
BBP	Basco	eP	22 04 52.5 -1.4	
TWY	Chenhua	Pn	22 04 54.3 +0.3	
JKRS	Kuro-shima	P	22 04 55.8 +1.1	
JKRS	JKRS	eS	22 05 24.6 -0.8	
JJU	Ishigaki jima	Pn	22 04 57.6 +0.5	
JJU	JJU	eS	22 05 27.9 -1.7	
PCYT	Pengchayiu	Pn	22 04 59.7 +0.7	
JTJ	Tarama	P	22 05 05.8 +0.8	
JTJ	JTJ	S	22 05 43.3 -0.5	
KNM	Kinmen	iP	22 05 09.1 +1.0	
QZH	Quanzhou	iPn	22 05 10.4 +0.3	
QZH	QZH	Sn	22 05 49.4 -3.5	
QZH	comp=N,4um,1.2s	smax		
QZH	comp=E,3um,0.7s	smax		
QZH	comp=N,24um,11.5s	LR	LR	
QZH	comp=E,11um,12.4s	LR	LR	
QZH	comp=Z,15um,10.8s	LR	LR	
JMJ	Miyako jima 2	3.76 58 P	Pn 22 05 13.7 +1.1	
JMJ	JMJ	eS	22 05 56.5 -0.9	
JMJ	Miyako jima 2	3.76 58 eP	Pn 22 05 13.1 +0.6	
JMJ	JMJ	eS	22 05 55.8 -1.6	
JOGS	Gusukube	3.83 60 P	Pn 22 05 14.5 +1.1	
JOGS	JOGS	eS	22 05 58.1 -0.8	
APYP	Conner	4.99 186 eP	Pn 22 05 30.4 +1.0	
ABRA	Dolores	5.27 191 eP	Pn 22 05 35.9 +2.5	
JKE	Kume jima 2	5.72 52 P	Pn 22 05 39.2 -0.2	
JKE	JKE	eS	22 06 41.1 -4.5	
PALP	Palanan	5.79 174 eP	Pn 22 05 42.6 +2.1	
CAUP	Cauayan	5.88 180 eP	Pn 22 05 44.0 +2.4	
BOLP	Bolinao	6.67 196 eP	Pn 22 05 55.9 +3.3	
JIH	Iheya	6.99 52 P	Pn 22 05 57.0 +0.1	
JIH	JIH	eS	22 07 11.3 -5.6	
HKC	Hong Kong Obse	7.05 267 iP	Pn 22 05 59.0 +1.3	
BALP	Baler	7.08 182 eP	Pn 22 05 58.7 +0.6	
JOW	Kunigami	7.11 55 P	Pn 22 05 57.9 -0.6	
JOW	JOW	eS	22 07 13.6 -6.2	
JOW	Kunigami	7.11 55 Pn	Pn 22 05 57.6 -0.9	
JOW	comp=Z,14nm,0.3s,baz=231,slow=13,SNR=8.2	Sn	22 07 14.8 -5.0	
SCZP	comp=Z,13nm,0.3s,baz=230,slow=18,SNR=3.2	Sn	22 05 55.3 -5.3	
GZH	Santa Cruz	7.26 194 eP	Pn 22 06 03.9 -5.8	
GZH	Guangzhou	7.78 273 P	Sn 22 07 21.5 -1.5	
GZH	GZH	Sg	22 07 21.5 -1.5	
GZH	comp=N,730nm,1.3s	smax		
GZH	comp=E,430nm,1.3s	smax		
JTK	Tokunoshima	8.14 51 P	Pn 22 06 10.9 -1.7	
JTK	JTK	eS	22 07 39.3 -5.8	
SSE	Sheshan	8.23 356 eP	Pn 22 06 14.9 +1.0	
SSE	SSE	S	22 07 46.9 -0.4	
SSE	comp=Z,17nm,0.8s	pmax	pmax	
SSE	comp=Z,260nm,4.0s	pmax	pmax	
SSE	comp=N,1um,14.1s	LR	LR	
SSE	comp=E,5um,14.2s	LR	LR	
SSE	comp=Z,4um,10.9s	LR	LR	
TGY	Tagaytay City	8.74 185 Pn	Pn 22 06 17.6 -3.3	
GQP	Guinayang	8.92 176iP	Pn 22 06 23.9 +0.4	
GQP	GQP	eS	22 07 59.9 -4.7	
JAM	Amami Oshima	8.97 50 P	Pn 22 06 21.7 -2.4	
JAM	JAM	eS	22 07 58.7 -7.0	
JMZ	Minamidaito 2	9.10 69 P	Pn 22 06 23.3 -2.6	
JMZ	JMZ	eS	22 07 57.9 -1.1	
NJ2	Nanjing	9.52 345 eP	Pn 22 06 31.3 -0.3	
NJ2	NJ2	eS	22 08 24.5 +5.3	
NJ2	NJ2	sS	22 08 34.5	
NJ2	comp=Z,230nm,4.2s	pmax	pmax	
NJ2	comp=N,5um,10.1s	LR	LR	
NJ2	comp=N,5um,10.1s	LR	LR	
NJ2	comp=E,7um,8.5s	LR	LR	
WHN	Wuhan	10.13 321 P	Pn 22 06 40.0 0.0	
WHN	WHN	LR	LR	
WHN	comp=N,16um,8.8s	LR	LR	
WHN	comp=E,21um,12.8s	LR	LR	
WHN	comp=Z,21um,9.2s	LR	LR	
QIZ	Qiongzong	11.78 253 P	Pn 22 07 03.3 +0.6	
QIZ	QIZ	S	22 09 20.4 +5.6	
QIZ	QIZ	pmax	pmax	
QIZ	comp=Z,45nm,1.8s	LR	LR	
QIZ	comp=N,5um,20.0s	LR	LR	
QIZ	comp=Z,2um,13.6s	LR	LR	
QIZ	Qiongzong	11.78 253 ePn	Pn 22 07 03.0 +0.4	
QIZ	Qiongzong	comp=Z,22nm,0.6s	Sn	22 07 20.2 -2.4
ENH	Enshi	13.24 306 ePn	Pn 22 07 20.2 -2.4	
GYA	Guiyang	14.20 288 P	Pn 22 07 36.8 +1.1	
GYA	GYA	PP	22 07 48.4	
GYA	GYA	S	22 10 16.0 +2.1	
GYA	GYA	SS	22 10 31.3	
GYA	comp=Z,20nm,0.8s	pmax	pmax	
GYA	comp=Z,140nm,4.4s	pmax	pmax	
GYA	comp=N,2um,10.9s	LR	LR	
GYA	comp=N,2um,10.9s	LR	LR	
GYA	comp=E,4um,10.6s	LR	LR	
GYA	comp=Z,2um,10.0s	LR	LR	
INCN	Inchon	15.17 15 ePn	Pn 22 07 50.8 +2.0	
KRSR	Korea Array	15.48 19 Pn	Pn 22 07 54.8 +1.9	
XAN	Xi'an	15.86 317 P	Pn 22 07 57.8 0.0	
XAN	XAN	pP	22 08 01.9 -0.6	
XAN	XAN	sP	22 08 27.9 +6.1	
XAN	XAN	S	22 10 55.8 +1.7	
XAN	XAN	sS	22 11 02.0 -8.2	
XAN	XAN	ScS	22 20 09.8 -1.1	
XAN	comp=N,4um,16.5s	LR	LR	
XAN	comp=E,2um,15.8s	LR	LR	
XAN	comp=Z,980nm,10.0s	LR	LR	
DAV	Davao City (W)	16.11 166 LR	LR 22 13 51.7	
KDM	Kudat	16.55 197 P	Pn 22 08 09.5 +2.7	
TIY	Tiayuan	16.85 334 eP	Pn 22 08 06.3 -4.2	
TIY	TIY	S	22 11 10.4 -7.8	
TIY	TIY	smax	smax	
TIY	comp=Z,730nm,5.3s	LR	LR	
TIY	comp=N,9um,14.2s	LR	LR	
TIY	comp=E,3um,11.1s	LR	LR	
TIY	comp=Z,6um,12.3s	LR	LR	
KMI	Kunming	17.55 281 P	Pn 22 08 24.0 +4.7	
KMI	KMI	sP	22 08 27.9 +6.1	
KMI	KMI	S	22 11 36.4 +1.2	
KMI	KMI	sS	22 11 40.3 -4.4	
KMI	KMI	SS	22 11 58.3	
KMI	comp=Z,18nm,0.9s	pmax	pmax	
KMI	comp=Z,240nm,4.4s	pmax	pmax	
KMI	KMI	LR	LR	

KMI	comp=N,2um,14.4s	LR	LR
KMI	comp=E,2um,15.7s	LR	LR
KKM	comp=Z,2um,16.9s	P	Pn 22 08 21.8 +2.4
KKM	Kota Kinabalu	17.55 199 P	Pn 22 08 21.8 +2.3
KKM	Kota Kinabalu	17.55 199 ePn	Pn 22 08 21.8 +2.3
SDKM	Sandakan	17.68 195 P	Pn 22 08 24.5 +3.5
BJI	Beijing	17.78 346 P	Pn 22 08 23.6 +1.5
BJI	BJI	S	22 11 44.1 +3.4
BJI	comp=Z,14nm,0.5s	pmax	pmax
BJI	comp=Z,560nm,7.3s	LR	LR
BJI	comp=N,3um,12.9s	LR	LR
BJI	comp=E,3um,10.2s	LR	LR
BJI	comp=Z,720nm,23.0s	LR	LR
MYLMD	Lahad Datu	17.85 191 P	Pn 22 08 25.5 +2.3
CD2	Chengdu	17.95 300 iP	Pn 22 08 24.8 +0.5
CD2	CD2	sP	22 08 27.5 +1.3
CD2	CD2	sP	22 08 31.1 +5.0
CD2	CD2	PP	22 08 39.3
CD2	comp=Z,40nm,0.9s	pmax	pmax
CD2	comp=N,5um,8.9s	LR	LR
CD2	comp=E,3um,10.7s	LR	LR
CD2	comp=Z,4um,12.6s	LR	LR
TSM	Tawau	18.83 192 P	Pn 22 08 36.3 +1.2
JHJ	Hachioji jima 2	18.88 53 LR	LR 22 16 39.1
CBJ	Chichi jima	18.97 73 Pn	Pn 22 08 38.7 +1.9
CBJ	comp=Z,1nm,0.3s,baz=183,slow=1,SNR=5.6	LR	LR
SNY	Shenyang	18.98 4 iP	Pn 22 08 41.3 +4.6
SNY	SNY	S	22 12 12.0 +2.3
SNY	comp=Z,16nm,0.9s	pmax	pmax
SNY	comp=Z,310nm,4.9s	pmax	pmax
SNY	comp=N,2um,11.4s	LR	LR
SNY	comp=Z,3um,12.6s	LR	LR
MAJO	Matsushiro	19.70 43 eP	Pn 22 08 49.8 +4.3
MAJO	MAJO	pmax	pmax
MAJO	Matsushiro	19.70 43 eP	Pn 22 08 49.8 +4.3
MAJO	Matsushiro	19.70 43 P	Pn 22 08 49.8 +4.3
MAT	Matsushiro	19.70 43 S	Sn 22 08 49.3 +3.8
MAT	MAT	P	22 12 26.0 -1.2
MJAR	Matsushiro Arr	19.70 43 Pn	Pn 22 08 47.7 +2.2
MJAR	comp=Z,1.0nm,0.3s,baz=234,slow=7.8,SNR=24	LR	LR 22 17 22.7
MJAR	Matsushiro Arr	19.70 43 Pn	Pn 22 08 47.7 +2.2
MJAR	MJAR	LR	LR
HHC	Hu-ho-hao-te	19.90 337 eP	Pn 22 08 48.8 +1.0
HHC	HHC	sP	22 08 54.6 +7.2
HHC	HHC	PP	22 09 08.3
HHC	HHC	S	22 12 29.3 -2.6
HHC	HHC	ScP	22 12 55.3
HHC	HHC	PcP	22 13 04.9 +1.5
HHC	HHC	pmax	pmax
HHC	comp=Z,15nm,0.6s	pmax	pmax
HHC	comp=Z,260nm,4.8s	LR	LR
HHC	comp=N,2um,13.7s	LR	LR
HHC	comp=E,3um,14.7s	LR	LR
HHC	comp=Z,2um,15.7s	LR	LR
BTO	Baotou	20.29 333 eP	P 22 08 51.9 +1.4
LZH	Lanzhou	20.39 314 eP	P 22 08 53.3 +2.0
LZH	LZH	pP	22 08 56.5
LZH	LZH	PP	22 09 14.0
LZH	LZH	S	22 12 37.0 -3.7
LZH	comp=Z,81nm,1.6s	pmax	pmax
LZH	comp=Z,480nm,6.5s	LR	LR
LZH	comp=E,3um,10.7s	LR	LR
LN2	comp=Z,4um,11.7s,MS5.0	LR	LR
CN2	Changchun	21.11 7 eP	P 22 09 00.4 +1.1
CN2	CN2	eS	22 09 07.3 +6.8
CN2	CN2	S	22 12 50.0 -4.8
CN2	comp=Z,10.0nm,1.0s,mb4.1	LR	LR
CN2	comp=N,2um,15.0s,MS4.8	LR	LR
CN2	comp=E,2um,15.0s,MS4.8	LR	LR
CN2	comp=Z,2um,15.0s,MS4.6	LR	LR
BTM	Bitulu	21.28 205 P	P 22 09 01.8 +0.5
NST	Nakhon Sawan	21.63 255 P	P 22 09 07.5 +2.3
CHG	Chiang Mai	21.71 264 iP	P 22 09 07.4 +1.4
CHG	Chiang Mai	21.71 264 eP	P 22 09 08.1 +2.1
CHTO	Chiang Mai	21.71 264 eP	P 22 09 08.1 +2.1
CHTO	Chiang Mai	21.71 264 eP	P 22 09 08.1 +2.1
CHTO	Chiang Mai	21.71 264 iP	P 22 09 08.7 +2.7
CHTO	Chiang Mai	SNR=32	Sn 22 09 08.7
CM31	Chiang Mai Arr	21.80 263 P	P 22 09 08.3 +1.3
CM31	Chiang Mai Arr	21.80 263 ePcP	PcP 22 13 07.1 -0.3
CMAR	Chiang Mai Arr	21.80 263 P	P 22 09 09.4 +2.4
CMAR	Chiang Mai Arr	21.80 263 P	P 22 09 07.2
CMAR	Chiang Mai Arr	21.80 263 P	P 22 09 09.3 +2.3
CMAR	comp=Z,26nm,0.8s,mb4.7,baz=68,slow=7.6,SNR=58	PcP	PcP 22 13 07.2 -0.2
CMAR	comp=Z,2.9nm,0.6s,baz=48,slow=0.7,SNR=17	LR	LR 22 18 34.3
MDJ	Mudanjiang	22.64 15 P	P 22 09 17.0 +1.4
MDJ	MDJ	pP	22 09 20.0
MDJ	MDJ	S	22 13 26.3 +1.8
MDJ	MDJ	sS	22 13 31.1 +5.2
MDJ	MDJ	ScP	22 16 46.3 -1.0
MDJ	MDJ	PcS	22 16 47.8 +0.5
MDJ	MDJ	ScS	22 20 32.0 -0.5
MDJ	comp=Z,21nm,1.1s,mb4.5	pmax	pmax
MDJ	comp=Z,180nm,4.2s	LR	LR
MDJ	comp=N,890nm,13.6s,MS4.7	LR	LR
MDJ	comp=E,2um,15.5s,MS4.7	LR	LR
MDJ	comp=Z,1um,15.5s,MS4.5	LR	LR
MDJ	comp=N,1um,15.5s,MS4.5	LR	LR
MDJ	MDJ	eP	22 09 16.3 +0.7
GUMO	Guam	23.76 109 eP	P 22 09 27.9 +0.4
GUMO	Guam	23.76 109 P	P 22 09 27.5 0.0
GUMO	Guam	23.76 109 eP	P 22 09 27.9 +0.4
GUMO	comp=Z,110nm,0.9s,mb5.3	pmax	pmax
GUMO	comp=Z,98nm,0.8s,mb5.3,baz=188,slow=8.6,SNR=5.5	P	P 22 09 29.4 -0.2
KSM	Kuching	24.00 209 P	P 22 09 28.6 -1.1
KSM	Kuching	24.00 209 eP	P 22 09 28.6 -1.1
GTA	Gaotai	24.92 317 iP	P 22 09 38.3 +0.4
GTA	GTA	pP	22 09 45.1 +6.0
GTA	GTA	sP	22 10 19.6
GTA	GTA	PP	22 13 14.1 +0.5
GTA	GTA	PcP	22 14 01.1 -0.8
GTA	GTA	S	22 14 07.9 +4.5
GTA	GTA	SS	22 15 00.8
GTA	GTA	smax	smax

GTA	comp=Z,19nm,1.0s,mb4.6	pmax	pmax
GTA	comp=Z,410nm,5.7s	LR	LR
GTA	comp=N,3um,17.1s,MS4.9	LR	LR
GTA	comp=E,2um,14.7s,MS4.9	LR	LR
GTA	comp=Z,1um,17.7s,MS4.5	LR	LR
KTGM	Kuala Trengganu	25.05 229 P	P 22 09 40.4 +1.1
KULM	Kulim	26.85 233 P	P 22 09 57.7 +2.0
KULM	Kulim	26.85 233 eP	P 22 09 55.4 -0.2
IPM	comp=Z,16nm,0.9s,mb4.5	P	P 22 09 58.4 +0.2
MYKOM	Kota Tinggi	27.14 231 P	P 22 09 57.7 +0.7
ASAJ	Asahikawa	27.26 242 P	P 22 10 00.1 +1.0
SHL	Shilling	27.37 282 eP	P 22 10 02.0 +1.7
SHL	SHL	eS	22 15 05.5 +2.4
KGM	Kluang	27.39 223 P	P 22 10 01.1 +0.6
KLR	Klu'dur	27.48 14 eP	P 22 09 59.0 -1.9
KLR	comp=N,900nm,12.0s	MLR	MLR
KLR	comp=Z,2um,12.0s,MS5.0	MLR	MLR
FRIM	Kepong	27.59 228 P	P 22 10 04.0 +1.7
ULN	Uluabatar	27.60 338 eP	P 22 10 01.5 -0.5
ULN	ULN	pmax	pmax
ULN	comp=Z,8.0nm,1.0s,mb4.3	LR	LR
ULN	Uluabatar	27.60 338 eP	P 22 10 01.5 -0.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MCK McKinley, BRTR Keskin Array B, ARCES ARCES Array B, etc.

ISCJB 23 22:40:10.1±0.6, 37.3N:0.1±1.34:96E:0.08, h387km, 9km, mb3.0/4, Error ellipse: s-maj=18.0km s-min=9.4km

JMA 23 22:40:10.0±0.2, 37.29N:134.89E, h389km, 2km, M3.2

IDC 23 22:40:11.4±1.6, 37.53N:134.90E, h370km, 2km, mb2.7/4, mb1.2/8.7, mb1mx2.6/29, mbtmp2.7/7, Error ellipse: s-maj=57.1km s-min=19.3km az=175.0

ISC 23 22:40:10.9±0.6, 37.2N:0.1±1.34:98E:0.08, h385km, 9km, n27, c062/30, mb3.0/4, Sea of Japan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JKG Kaga, JKY Yasaka, JKSM Kasumi, etc.

IDC 23 22:46:44.3±2.9, 36.106N:67.48E, h0km, mb3.4/3, mb1.3/5.7, mb1mx3.3/28, mbtmp3.5/7, ML3.4/4, Error ellipse: s-maj=87.5km s-min=19.1km az=139.0

NNC 23 22:46:52.6±6.7, 37.34N:66.59E, h0km, mb3.7, mpv3.6, Error ellipse: s-maj=74.4km s-min=50.2km az=129.0

NEIC 23 22:46:56.7±1.3, 36.89N:67.54E, h35km, mb3.5/2, Error ellipse: s-maj=20.8km s-min=15.1km az=98.0

ISC 23 22:46:55.2±1.5, 36.78N:0.05±67.3E:0.2, h52km, 15km, n27, c1929/33, mb3.8/4, 2C-20, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KBL Kabul, KK31 Karatay Array, AML Almayashu, etc.

IDC 23 22:47:01.2±0.9, 12.91N:92.34E, h0km, mb3.6/13, mb1.3/7.14, mb1mx3.6/27, mbtmp3.6/14, ML3.8/1, Error ellipse: s-maj=31.7km s-min=17.5km az=50.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, MKAR Makanchi Array, SONM Sogino Array, etc.

Table with columns: EIL, Elat, 55.48 297 P, 22 56 38.2 0.0, baz=220, Shoushan, 1.24 272 eP, Pn, 23 03 05.2 +0.6

IDC 23 22:55:35.7±1.0, 18.49S:65.07W, h0km, mb3.8/5, mb1.4/0.8, mb1mx3.8/21, mbtmp3.8/8, ML4.4/2, MS3.4/2, MS1.3/4.2, ms1mx2.8/24, Error ellipse: s-maj=27.4km s-min=23.6km az=111.0

ISCJB 23 22:55:38.4±0.5, 18.61S:0.06±65.03W:0.07, h30km, mb3.8/6, Error ellipse: s-maj=10.5km s-min=8.0km az=139.8

NEIC 23 22:55:40.7±0.8, 18.59S:65.05W, h37km, 10km, mb4.0/2, Error ellipse: s-maj=10.3km s-min=8.9km az=77.0

ISC 23 22:55:40.7±0.5, 18.57S:0.06±65.02W:0.07, h35km, n18, c077/21, mb3.8/6, Central Bolivia

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

NEIC 23 23:02:40.5±4.5, 22.74N:121.82E, h10km, Error ellipse: s-maj=47.8km s-min=16.4km az=143.0

TAP 23 23:02:42.8±2.7, 22.77N:121.73E, h20km, ML3.4, C

JMA 23 23:02:42.8±0.3, 22.80N:121.90E, h12km

ISC 23 23:02:41.4±0.5, 22.78N:0.02±121.77E:0.02, h11km, 9km, n55, c0886/98, 1C, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CHKT Chengkung, TTT Taitung, TTN Tainan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TWMT Shoushan, SSSL Suanglung, TWK Hsiunging, etc.

RSPR 23 23:20:52.5, 19.95N:65.03W, h2km, 5km, MD3.8/3, MD3.8/3

NEIC 23 23:20:53.8, 19.98N:65.00W, h42km, MD3.4(RSPR), After RSPR.

ISC 23 23:20:50.3±1.5, 19.91N:0.08±65.01W:0.05, h5km, 10km, n27, c0689/4, 55C, Puerto Rico region

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

24d 1h

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Lan-yu, Lidau, Hungye, etc.

TAP 24 00:27:00.4, 22.82N, 121.63E, h20km, 2km, ML3.5, D,

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Chengkung, Pinlang, Yuli, etc.

NEIC 24 01:04:02.8, 3.22, 60N, 121.87E, h10km, MG3.7(JMA), Error ellipse: s-maj=41.5km s-min=19.7km az=136.0

ISCJB 24 01:04:06.9, 0.6, 22.82N, 121.79E, 0.2, 0.2, h12km, 4km, Error ellipse: s-maj=3.3km s-min=2.5km az=159.7

TAP 24 01:04:08.6, 0.3, 22.79N, 121.67E, h13km, ML4.0, C, JMA 24 01:04:10.6, 0.3, 22.79N, 121.69E, h60km, M3.7

ISC 24 01:04:06.8, 0.4, 22.84N, 121.77E, 0.1, 0.2, h6km, 3km, n74, s1503/117, 2C, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Chengkung, Taitung, Pinlang, etc.

2008 APR

Main table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Tawu, Anshuo, Tauiyuan, etc.

1104

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Quanzhou, Miyako jima 2, Gusuokube, etc.

24d 1h

2008 APR

1108

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like SCHO Schefferville, KLMR Klimovskoe, PKME Peaks-Kenny Pt, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like LJV Vriocivica, BUR08 Bucovina Ar, BURAR Bucovina Array, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like PKSM Moragy, PKSA Eskdalemuir Ar, PKM Eskdalemuir Ar, etc.

24d 2h

Table of station data for 24d 2h, including columns for station name, time, and other parameters. Includes stations like APSI Amparna, KDI Kendari, MYLDM Lahad Datu, etc.

2008 APR

Table of station data for 2008 APR, including columns for station name, time, and other parameters. Includes stations like CPUP, SIV, SDV, IMOK, etc.

1110

Table of station data for 1110, including columns for station name, time, and other parameters. Includes stations like PCRV, MTJD, YKA, etc.

NEIC 24 03:17:14.5, 17.39N-94.51W, h158km, MD3.8(MEX), After MEX.

MEX 24 03:17:14.4:1.0, 17.39N-94.51W, h159km, gkm, MD3.8, Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Matias Romero, Tuzandepetl, Vista Hermosa, Huatulco, etc.

DDA 24 03:25:36.0, 39.00N-25.81E, h7km, 1km, Md2.6

CSEM 24 03:25:37.2:0.2, 38.97N-25.90E, h8km, ML2.4/3, Error ellipse: s-maj=4.8km s-min=3.3km az=36.0

ISCJB 24 03:25:38.1:1.0, 39.03N-25.94E:0.05, h10km, 5km, Error ellipse: s-maj=8.5km s-min=5.5km az=40.2

THE 24 03:25:38.9, 39.08N-25.94E, h11km, ML2.4/3, Error ellipse: s-maj=1.9km s-min=0.5km az=12.0

ISC 24 03:25:38.0:0.9, 39.03N-25.92E:0.06, h12km, 5km, n15, <0.67/28, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like SIGR, PRK, AYVA, BOZC, URLA, LIA, BALY, ALN, etc.

ISCJB 24 03:38:15.8:0.9, 39.07N-25.92E:0.05, h9km, 5km, Error ellipse: s-maj=7.9km s-min=5.0km az=39.9

CSEM 24 03:38:15.6:0.2, 39.06N-25.90E, h10km, ML2.8/2, Error ellipse: s-maj=4.5km s-min=2.7km az=39.0

DDA 24 03:38:15.6, 39.06N-25.97E, h7km, 6km, Md2.8

THE 24 03:38:16.7, 39.13N-25.96E, h12km, ML2.8/2, Error ellipse: s-maj=1.1km s-min=0.5km az=20.0

ISC 24 03:38:15.9:0.7, 39.07N-25.91E:0.05, h12km, 5km, n19, <0.51/32, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like SIGR, PRK, AYVA, BOZC, URLA, LIA, BALY, ALN, etc.

NEIC 24 03:43:34.8:1.8, 6.59S-130.17E, h118km, 20km, mb4.3/6, Error ellipse: s-maj=20.2km s-min=12.7km az=56.0

ISCJB 24 03:43:35.3:0.8, 6.59S:0.06, 130.38E:0.08, h147km, 9km, mb4.3/13, Error ellipse: s-maj=14.0km s-min=7.8km az=152.5

DDA 24 03:43:36.2:5.5, 6.51S:129.99E, h126km, 50km, mb3.8/7, mb1 3.9/9, mb1mx3.8/16, mbtmp3.9/9, Error ellipse: s-maj=46.3km s-min=17.5km az=68.0

DJA 24 03:43:37.6:0.23, 130.36E, h99km, mb4.8/10, Error ellipse: s-maj=1.1km s-min=0.5km az=20.0

ISC 24 03:43:36.3:0.8, 6.60S:0.06, 130.38E:0.08, h136km, 9km, n48, <1.04/46, mb4.3/13, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like NLAI, KAKA, KAKA, BAKI, APSI, MRSI, FITZ, etc.

FITZ Fitzroy Crossi 12.33 202 P Pn 03 46 26.3 -1.0

FITZ Fitzroy Crossi 12.33 202 Pn 03 48 33.2

FITZ Fitzroy Crossi 12.33 202 Pn 03 46 25.8 -1.5

FITZ Fitzroy Crossi 12.33 202 Pn 03 48 36.2

FITZ Fitzroy Crossi 12.33 202 Pn 03 46 26.0 -1.3

WRAB Tennant Creek 13.80 164 ePn 03 46 45.2 -1.1

WRAB Tennant Creek 13.80 164 Pn 03 49 08.6

WRAB Tennant Creek 13.80 164 Pn 03 46 50.1 +3.8

WRA Warramunga Arr 13.81 164 P Pn 03 46 44.6 -1.7

WRA Warramunga Arr 13.81 164 Pn 03 49 08.6

WB2 Warramunga Arr 13.81 164 ePn 03 46 45.3 -1.1

COEN Coen 14.55 121 ePn 03 46 58.4 +2.5

COEN Coen 14.55 121 Pn 03 49 25.6

COEN Coen 14.55 121 Pn 03 46 56.8 +1.0

MYLDM Lahad Data 16.66 314 P Pn 03 47 25.2 +3.3

ASAR Alice Springs 17.30 169 P Pn 03 47 31.7 +2.1

ASAR Alice Springs 17.30 169 Pn 03 50 35.0

MBWA Marble Bar 17.77 214 P Pn 03 47 36.0 +0.9

KBW Kota Kinabalu 15.95 310 ePn 03 50 41.5

KBW Kota Kinabalu 15.95 310 Pn 03 47 46.0 -0.6

KBW Kota Kinabalu 15.95 310 Pn 03 47 47.6 +1.0

SBUM Charters Tower 20.23 296 P Pn 03 48 02.6 +1.7

CTA Charters Tower 20.43 133 P Pn 03 48 12.0 +9.1

CTA Charters Tower 20.43 133 Pn 03 49 11.7 +4.0

STKA Stephens Creek 27.24 309 P Pn 03 50 53.5 -2.6

ODAN Odare 53.28 311 ePn 03 52 41.1 -0.2

TAPN Tapplejung 53.30 311 ePn 03 52 41.2 -0.3

RAMR Ramir 53.30 311 ePn 03 52 46.0 0.0

JURN Gumba 54.61 311 ePn 03 52 50.8 -0.2

JURN Gumba 54.98 311 ePn 03 52 53.5 -0.1

PKI Pulchoki 55.15 310 ePn 03 52 54.4 -0.5

PKI Pulchoki 55.17 310 ePn 03 52 54.6 -0.4

KKN Kakani 55.37 310 ePn 03 52 55.5 -0.9

GKN Gorika 55.95 310 ePn 03 51 53.0 -0.5

KOLN Koldanda 56.64 309 ePn 03 53 05.3 -0.1

DANN Dangsing 56.80 310 ePn 03 53 06.2 -0.4

SONM Songino Array 58.19 341 P Pn 03 53 16.0 +0.1

PETK Petropavlovsk-63 83 18 P Pn 03 53 54.2 +0.3

MKAR Makanchi Array 68.10 327 P Pn 03 54 21.6 +0.2

UJCH Uchto 71.29 334 P Pn 03 54 35.8 +0.9

ZALV Zalesovo Beam 70.37 334 P Pn 03 54 40.7 -0.7

ZALV Zalesovo Beam 71.29 334 Pn 03 54 40.7 -0.7

KURK Kurchatov 72.38 328 ePn 03 54 46.9 -0.4

QSPA South Pole Qui 83.37 180 P Pn 03 55 49.0 +1.3

TORD Torodi Arr. Bea 168.91 190 PKPab PKPdf 04 02 29.2 0.0

TORD Torodi Arr. Bea 129.10 282 PKP PKPdf 04 02 29.2 0.0

ISC 24 03:49:39.9:12.0, 24.14S:179.71E, h594km, 155km, mb3.2/5, mb1 3.4/5, mb1mx3.1/16, mbtmp3.2/5, Error ellipse: s-maj=58.1km s-min=34.5km az=96.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like CTA, ASAR, WRA, QSPA, TXAR, TORD, etc.

NOU 24 04:22:52.7:1.1, 19.91S:168.33E, h10km, 999km, MD2.4, ML3.9

ISC 24 04:22:53.2:2.0, 19.67S:168.38E, h0km, mb4.2/4, Error ellipse: s-maj=123.8km s-min=28.5km az=151.0

mb1 4.5/4, mb1mx4.1/14, mbtmp4.2/4, Error ellipse: s-maj=123.8km s-min=28.5km az=151.0

ISCJB 24 04:22:54.1:4.5, 20.25S:0.1:168.6E:0.2, h22km, 31km, mb4.1/5, Error ellipse: s-maj=31.0km s-min=11.4km az=42.6

NEIC 24 04:22:57.2:1.2, 20.33S:168.70E, h35km, mb4.2/2, Error ellipse: s-maj=47.8km s-min=16.3km az=146.0

ISC 24 04:22:54.2:4.6, 20.3S:0.2:168.7E:0.1, h13km, 29km, n16, <0.97/17, mb4.1/5, Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like DZM, CTX, STKA, WRA, ASAR, VNA3, VNA2, VNA1, YKA, GERES, etc.

ISC 24 04:24:35.5:4.7, 19.16S:167.48E, h0km, mb4.1/4, mb1 4.2/4, mb1mx4.0/13, mbtmp4.1/4, Error ellipse: s-maj=141.8km s-min=31.4km az=130.0, Vanuatu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like CTA, STKA, WRA, ASAR, PETK, etc.

ISC 24 04:25:19.1:1.9, 20.13S:168.70E, h0km, mb4.3/6, mb1 4.4/6, mb1mx4.2/14, mbtmp4.3/6, Error ellipse: s-maj=74.8km s-min=25.3km az=144.0, Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like CTA, STKA, WRA, ASAR, PETK, SONM, NVAR, GERES, etc.

NEIC 24 04:50:54.0:4.0, 22.80N:121.80E, h10km, Error ellipse: s-maj=43.1km s-min=14.6km az=140.0

ISCJB 24 04:50:54.6:0.6, 22.88N:0.02:121.77E:0.02, h8km, 4km, Error ellipse: s-maj=3.5km s-min=2.6km az=34.8

TAP 24 04:50:55.1, 22.86N:121.71E, h13km, 1km, ML3.6, D

JMA 24 04:50:57.4:0.4, 22.88N:122.04E, h0km

ISC 24 04:50:55.0:0.5, 22.87N:0.02:121.75E:0.02, h9km, 3km, n53, <0.95/94, TC-1D, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like CHKT, TTN, TWG, TWG, TWG, TWG, TWF1, YULB, YULB, ELDTW, ECH, ECH, ECL, LAY, TAW, TAW, STYT, STYT, YUS, YUS, EAST, EAST, ESL, ESL, SSD, ALS, ALS, SGST, etc.

24d 6h

Table with columns: CRPR, Cabo Rojo, PR, 2.73 229f eP, Pn, 05 58 34.5 -0.4, etc.

ISCJB 24 05:58:35.0, 6.21, 49S; 0:07:66.67W; 0.09, h218km, 10km, mb3.8/2, Error ellipse: s-maj=14.6km

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

ISC 24 05:58:36.2, 0.9, 21.45S; 66.66W, h202km, 11km, mb3.7/2, m1 3.4/6, mb1mx3.2/19, mbtmp3.3/6, Error ellipse: s-maj=27.0km s-min=14.1km az=146.0

NEIC 24 05:58:36.9, 0.6, 21.53S; 66.64W, h210km, 7km, mb4.0/2, Error ellipse: s-maj=12.1km s-min=7.7km az=102.0

ISC 24 05:58:36.3, 0.6, 21.45S; 0:07:66.66W; 0.09, h208km, gkm, n14, c102/16, mb3.8/2, Southern Bolivia

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

ISCJB 24 05:58:52.6, 0.5, 0.09S; 0:05:123.32E; 0.05, h139km, 5km, mb4.4/31, Error ellipse: s-maj=8.4km s-min=6.8km az=140.5

ISC 24 05:58:53.0, 2.5, 0.02S; 123.24E, h134km, 24km, mb3.8/15, m1 3.9/17, mb1mx3.8/25, mbtmp3.8/17, Error ellipse: s-maj=20.8km s-min=10.8km az=67.0

DJA 24 05:58:55.5, 1.8, 0.09S; 123.34E, h160km, 18km, mb4.5/3, Error ellipse: s-maj=23.7km s-min=9.1km az=102.0

ISC 24 05:58:53.6, 0.5, 0.09S; 0:05:123.33E; 0.05, h132km, 5km, n59, c108/57, mb4.4/31, Minahasa Peninsula, Sulawesi

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

2008 APR

Table with columns: MKAR, Makanchi Array, 58.86 328 P, P, 06 08 37.0 -1.4, etc.

ISC 24 06:07:59.3, 2.0, 38.91N; 71.41E, h0km, mb3.6/3, m1 3.7/7, mb1mx3.5/28, mbtmp3.6/7, ML3.4/4, Error ellipse: s-maj=36.7km s-min=14.6km az=136.0

NEIC 24 06:08:03.4, 3.1, 39.50N; 70.91E, h13km, 14km, mb3.8, m1 3.7/7, Error ellipse: s-maj=19.9km s-min=10.7km az=0.0

ISC 24 06:08:05.7, 1.9, 39.33N; 0:04:70.78E; 0.06, h9km, 13km, n32, c106/41, mb3.7/3, 6C-22, Tajikistan

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

ISC 24 06:48:54.8, 51.0, 18.44S; 171.70W, h0km, mb3.9/3, m1 4.1/3, mb1mx3.7/17, mbtmp3.9/3, Error ellipse: s-maj=981.6km s-min=184.6km az=82.0, Tonga Islands region

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

Table with columns: BZGR, TUMR, Tumor, 2.03 282 P, Pn, 06 51 08.4 +0.7, etc.

Error ellipse: s-maj=2.7km s-min=2.5km az=139.4
ISK 24 11:46:55.7, 41.07N, 43.85E, h7km, ML3.3
CSEM 24 11:46:55.1, 41.12N, 43.78E, h7km, 3km, Md3.4

DDA 24 11:46:56.1, 41.12N, 43.78E, h7km, 3km, Md3.4
MOS 24 11:46:58.4, 1.1, 41.12N, 44.21E, h18km, mb4.2/1, Error ellipse: s-maj=57.4km s-min=41.4km az=89.0

ISC 24 11:46:55.2, 0.3, 41.10N, 0.02, 43.84E, 0.02, h15km, 6km, m6.2, c1921/107, 10C-19D, Turkey-Georgia-Armenia

border region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, ISC. Lists stations like BAW, GMRZ, STEZ, etc.

NEIC 24 11:58:01.2, 3.0, 22.90N, 121.76E, h10km, Error ellipse: s-maj=29.0km s-min=12.5km az=138.0

TAP 24 11:58:03.9, 22.94N, 121.64E, h14km, ML3.6, 2C-2D, C, Taiwan region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, ISC. Lists stations like CHKT, TTN, TW1, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, ISC. Lists stations like YUS, STYT, STYV, etc.

NNC 24 11:59:13.5, 10.0, 36.95N, 70.20E, h244km, 134km, mb2.5, mpv3.8, Error ellipse: s-maj=140.3km s-min=56.2km az=49.0

ISC 24 11:59:25.0, 19.0, 37.37N, 70.07E, h268km, 119km, mb2.6/1, mb1.2/8.5, mb1mx2.6/2.7, mbtmp2.7/5, Error ellipse: s-maj=190.3km s-min=53.1km az=5.0

ISC 24 11:59:09.7, 3.3, 36.6N, 0.2, 70.1E, 0.2, h159km, 24km, n16, c045/118, 3D, Hindu Kush region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, ISC. Lists stations like AML, KK31, UCH, etc.

ISC/JC 24 12:14:48.6, 0.1, 1.11S, 0.03, 23.44W, 0.02, h10km, mb5.2/256, MS5.9/278, Error ellipse: s-maj=4.4km s-min=2.4km az=158.5

ISC 24 12:14:48.4, 0.4, 1.00S, 23.46W, h0km, mb4.7/36, mb1.4/3/7, mb1mx4.7/38, mbtmp4.7/37, ML5.5/1, MS5.7/29, Ms1.5/729, ms1mx5.7/31, Error ellipse: s-maj=12.6km s-min=9.8km az=147.0

MOS 24 12:14:49.2, 1.0, 0.92S, 23.50W, h10km, mb5.3/84, MS5.5/35, Error ellipse: s-maj=8.1km s-min=4.1km az=66.0

NEIC 24 12:14:49.9, 0.2, 1.18S, 23.47W, h10km, mb5.4/168, MS6.0/211, MW6.3, MW6.5, Error ellipse: s-maj=4.9km s-min=2.7km az=156.0, Moment Tensor Solution, s105 Moment tensor: Scale 1018N; Mr=0.08; Mw=0.93;

Mw=1.01; Mw0.22; Mw=3.53; Mw0.05; Best double couple: Ms3.70000, 1018 NP1, 3, 278, 00000, 889, 00000, 1, 177, 00000. NP2, 3, 188, 00000, 887, 00000, 1, 1, 00000. Principal axes: T 3.7000, P1g1.0000, Azm52.0000; N -0.0700, Plg6.0000, Azm300.0000; P -3.6300, Plg3.0000, Azm142.0000;

GCMT 24 12:14:49.9, 0.1, 1.14S, 23.87W, h15km, MW6.5/105, Moment Tensor Solution, s105, c217, s102, c442; Duration: 4s2 Moment tensor: Scale 1018N; Mr=0.37, 03; Mw0.76, 03; Mw=1.13, 03; Mw=1.43, 10; Mw=5.87, 03; Mw=1.91, 12; Best double couple: Ms3.33000, 1018 NP1, 3, 237, 00000, 878, 00000, 1, 168, 00000. NP2, 3, 174, 00000, 879, 00000, 1, 14, 00000. Principal axes: T 5.7650, Plg2.0000, Azm221.0000; N 1.1430, Plg7.0000, Azm316.0000; P -6.9100, Plg18.0000, Azm130.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

SZGRF 24 12:14:54.1, 1.15S, 22.76W, h33km, mb5.4, MS5.7, Central Mid-Atlantic Ridge

DJA 24 12:14:54.0, 0.57S, 23.10W, h20km, mb5.2/6, ISC 24 12:14:50.2, 0.1, 1.15S, 0.03, 23.52W, 0.02, h10km, (h15km, 3, 2km, p-P), n1114, c085/991, m15, 25/256, MS5.9/278, 158C-154D, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, ISC. Lists stations like ASCN, RCBR, BBTB, LIC, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like EBAN Banos Encina, ECHART Cartagena, MTE Manteigas, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SALF Salau, MTLF Montlieu, VSL Villasalto, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like GRR Gorron, BNI Bardonecchia, SVF Signal de Mont, etc.

TIRR	Tigrosor	64.69	39	iP	P	12 25 32.0	+3.5
TIRR	Tigrosor	64.69	39	iP	P	12 25 32.0	+3.5
TGUH	Tegucigalpa,Un	64.89	286	eP	P	12 25 30.4	0.0
TGUH	comp=Z,8um,19.0s,MS6.0			LR	LR		
BLA	Blacksburg	64.92	312	eP	P	12 25 31.2	+1.1
BLA	comp=Z,57nm,1.2s,mb5.5			pmax	pmax		
BLA	comp=Z,12um,20.0s,MS6.1			MLR	MLR		
BLA	Blacksburg	64.92	312	eP	P	12 25 31.2	+1.1
BLA	comp=Z,57nm,1.2s,mb5.5			LR	LR		
LVV	L'vov	65.52	32	eP	P	12 25 30.9	+0.2
LVV	comp=Z,12um,20.0s,MS6.1			e	e	12 26 02.5	
LVV	comp=E,2um,15.0s,MS5.4			eS	S	12 34 09.7	-3.3
LVV	comp=Z,2um,15.0s,MS5.3			MLR	MLR		
LVV	comp=N,400nm,13.0s,MS5.4			MLR	MLR		
ELN	Prospectdale	65.17	312	eP	P	12 25 32.8	+1.0
MCWV	Mont Chateau	65.46	315	PFAKE	LR	12 25 50.0	+1.6
MCWV	comp=Z,17um,22.0s,MS6.2			LR	LR		
BORG	Borgarnes	65.76	1	PFAKE	LR	12 25 50.0	+1.6
BORG	comp=Z,5um,21.0s,MS5.7			LR	LR		
KONO	Kongsberg	65.92	18	eP	P	12 25 36.0	-0.1
KONO	comp=Z,3um,20.0s,MS5.5			eS	S	12 34 24.7	+1.4
KONO	Kongsberg	65.92	18	PFAKE	LR	12 25 50.0	+1.4
KONO	comp=Z,3um,20.0s,MS5.5			LR	LR		
GOGA	Godfrey	65.93	308	eP	P	12 25 37.8	+1.0
GOGA	Godfrey	65.93	308	eP	P	12 25 37.4	+0.6
GOGA	comp=Z,18um,21.0s,MS6.3			LR	LR		
BRTR	Keskin Array B	66.08	45	P	P	12 25 36.7	-0.9
BRTR	comp=Z,6.0nm,0.7s			pmax	pmax		
BRTR	Keskin Array B	66.08	45	P	P	12 25 36.6	-1.0
BRTR	comp=Z,6.2nm,0.7s,mb4.8,baz=239,slow=6.3,SNR=17			LR	LR	12 56 01.8	
SCHO	Schefferville	66.13	334	P	P	12 25 35.9	-1.7
SCHO	comp=Z,3.5nm,0.9s,mb4.4,baz=112,slow=6.1,SNR=6.3			LR	LR		
SCHO	Kishinev	66.20	36	eP	P	12 25 36.0	-2.2
SCHO	comp=Z,9um,22.0s,MS5.9,baz=135,slow=32			e	e	12 26 10.0	
KIS	Kishinev	66.20	36	ePPP	P	12 29 40.0	
KIS	comp=Z,2um,15.0s,MS5.5			e	e	12 35 00.0	
KIS	comp=E,1um,16.0s			MLR	MLR		
KIS	comp=Z,2um,16.0s			MLR	MLR		
KIS	Kishinev	66.20	36	eP	P	12 26 10.0	+1.6
KIS	Kishinev	66.20	36	ePP	P	12 27 52.0	-1.2
KIS	Kishinev	66.20	36	ePPP	P	12 29 40.0	
FOO	Flores	66.28	14	e	P	12 25 37.7	-0.8
FOO	comp=Z,4um,20.0s,MS5.6			AMS	AMS	12 49 08.9	
YURE	YUREGIR	66.46	49	iP	P	12 25 34.3	-5.9
ALLY	Alegheny Colle	66.48	317	eP	P	12 25 40.9	+0.8
ERPA	Erie	66.57	317	eP	P	12 25 41.4	+0.7
ERPA	comp=Z,14um,20.0s,MS6.2			LR	LR		
PAYG	Puerto Ayora	66.75	270	PFAKE	LR	12 25 50.0	+7.5
PAYG	comp=Z,17um,19.0s,MS6.3			LR	LR		
TEIG	Tepich	66.82	292	eP	P	12 25 54.1	
TEIG	comp=Z,2um,21.4s,MS5.8,baz=110,slow=32			LR	LR		
TEIG	Tepich	66.82	292	eP	P	12 25 42.3	-0.4
TEIG	comp=Z,9um,19.0s,MS6.0			LR	LR		
COBT	Iskenderun	66.83	49	iP	P	12 25 40.2	-2.2
TKL	Tuckaleechee C	66.89	310	eP	P	12 25 43.2	+0.3
TKL	Tuckaleechee C	66.89	310	eP	P	12 25 48.7	
TKL	comp=Z,19um,21.9s,MS6.3,baz=173,slow=30			LR	LR		
TZTN	Tazewell	67.02	311	eP	P	12 25 44.1	+0.4
SUW	Suwalki	67.14	28	eP	P	12 25 44.9	+0.8
SUW	comp=Z,8um,31.5s			LMZ	LMZ	12 50 19.1	
SUW	Suwalki	67.14	28	eP	P	12 25 44.9	+0.8
CTKT	Corum	67.25	45	iP	P	12 25 43.9	-1.2
NAO01	NORSAR Array S	67.26	17	PFAKE	LR	12 26 00.0	+1.5
NAO01	comp=Z,3um,20.0s,MS5.4			LR	LR		
CPCT	Cooper Cave	67.40	309	eP	P	12 25 46.0	-0.1
NB2	NORSAR Subarra	67.52	17	P	P	12 25 45.0	-1.3
NB2	comp=Z,0.6s,mb5.9,baz=209,slow=6.5			LR	LR		
NOA	NORSAR Array B	67.52	17	P	P	12 25 44.6	-1.7
NOA	comp=Z,6.0nm,0.7s,mb4.7,baz=216,slow=6.4,SNR=22			LR	LR	12 52 32.9	
NOA	NORSAR Array B	67.52	17	P	P	12 25 44.6	-1.7
NOA	comp=Z,2um,21.4s,MS5.2,baz=225,slow=34			LR	LR		
NOA	Kuzni	67.53	49	iP	P	12 25 47.3	+0.3
NOA	Molde	67.74	15	AMS	AMS	12 50 16.4	
ACSO	Alum Creek Sta	67.91	315	eP	P	12 25 50.1	+0.9
ACSO	comp=Z,12um,20.0s,MS6.1			LR	LR		
APG	El Apazole	68.08	287	LR	LR	12 56 18.4	
APG	comp=Z,10um,20.1s,MS6.0,baz=260,slow=37			LR	LR		
BRAL	Brewton	68.14	304	PFAKE	LR	12 26 00.0	+9.1
BRAL	comp=Z,29um,20.0s,MS6.5			LR	LR		
KIEV	Kiev	68.31	33	P	P	12 25 50.9	-0.6
KIEV	comp=Z,110nm,1.3s,mb5.7			pmax	pmax		
KIEV	Kiev	68.31	33	eP	P	12 25 50.7	-0.8
KIEV	comp=Z,115nm,1.4s,mb5.7			LR	LR		
KIEV	comp=Z,2um,20.0s,MS5.3			LR	LR		
AKASG	Malin Array B	68.32	33	iP	P	12 25 50.9	-0.7
AKASG	comp=Z,5.0nm,0.7s			pmax	pmax		
AKASG	Malin Array B	68.32	33	eP	P	12 25 49.1	-2.5
AKASG	comp=Z,5.4nm,0.7s,mb4.7,baz=236,slow=7.5,SNR=23			LR	LR	12 56 58.7	
AKB	Malin Array Si	68.32	33	P	P	12 25 51.0	-0.6
AKB	Malin Array Si	68.32	33	eP	P	12 25 50.9	-0.7
SWET	Sewanee	68.43	309	eP	P	12 25 53.0	+0.4
SIM	Simferopol'	68.53	40	eP	P	12 25 54.0	+0.9
SIM	comp=Z,2um,20.0s,MS5.3			eS	S	12 34 57.0	+1.6
SIM	comp=Z,160nm,9.3s			pmax	pmax		
SIM	comp=Z,4um,21.5s,MS5.6			MLR	MLR		
LRL	Lakeview Retre	68.64	306	eP	P	12 25 54.2	+0.2
LRL	comp=Z,17um,20.0s,MS6.3			LR	LR		
MALT	Malatya	69.05	48	eP	P	12 25 57.6	+1.2
MALT	Malatya	69.05	48	iP	P	12 25 54.8	-1.6
MALT	Malatya	69.05	48	eP	P	12 25 55.9	-0.5
MALT	comp=Z,47nm,1.0s,mb5.4			LR	LR		
MALT	comp=Z,2um,20.0s,MS5.2			LR	LR		
AAM	Ann Arbor	69.15	316	eP	P	12 25 58.0	+1.1
AAM	Ann Arbor	69.15	316	eP	P	12 25 57.4	+0.4
AAM	comp=Z,16um,21.0s,MS6.2			LR	LR		
WCI	Wyandotte Cave	69.64	312	eP	P	12 26 00.7	+0.6
WCI	Wyandotte Cave	69.64	312	eP	P	12 26 00.4	+0.4
WCI	comp=Z,17um,22.0s,MS6.3			LR	LR		
PMSA	Palmer Station	69.89	197	PFAKE	LR	12 26 10.0	+8.9
PMSA	comp=Z,5um,19.0s,MS5.8			LR	LR		
PLAL	Pickwick Lake	70.04	308	eP	P	12 26 01.6	-1.0
PLAL	comp=Z,59nm,1.3s,mb5.4			LR	LR		
PLAL	comp=Z,17um,22.0s,MS6.3			LR	LR		
VNA1	Neumayer-Stat	70.10	175	eP	P	12 26 09.7	+7.4
BLO	Bloomington	70.11	313	eP	P	12 26 03.7	+0.8
WVT	Waverly	70.17	309	eP	P	12 26 02.9	-0.5

WVT	comp=Z,44nm,1.1s,mb5.3			pmax	pmax		
WVT	comp=Z,14um,22.0s,MS6.2			MLR	MLR		
WVT	Waverly	70.17	309	eP	P	12 26 02.9	-0.5
WVT	comp=Z,44nm,1.1s,mb5.3			LR	LR		
VNA2	Neumayer-Watz	70.45	174	eP	P	12 26 05.4	+1.0
VNA2	Neumayer-Watz	70.45	174	eP	P	12 26 05.4	+1.0
NSS	Namsos	70.49	15	eP	P	12 26 04.2	-0.5
NSS	comp=Z,3um,19.2s,MS5.5			e	e	12 26 04.7	
NSS	comp=Z,3um,19.2s,MS5.5			e	e	12 35 25.9	
NSS	AMS			AMS	AMS	12 52 01.4	
VNA3	Neumayer Olymp	70.55	175	eP	P	12 26 06.1	+1.1
USIN	University of	70.58	311	eP	P	12 26 06.2	+0.3
ANN	Anapa	70.64	41	eS	S	12 26 06.3	+0.2
ANN	comp=Z,54nm,1.4s,mb5.3			pmax	pmax		
ANN	comp=N,2um,18.0s,MS5.5			MLR	MLR		
ANN	comp=E,1um,18.0s,MS5.5			MLR	MLR		
ANN	comp=Z,2um,18.0s,MS5.3			MLR	MLR		
SFJD	Kangerlussuaq	70.64	349	eP	P	12 26 07.9	+2.3
SFJD	comp=Z,18nm,0.9s,mb5.0			pmax	pmax		
SFJD	Kangerlussuaq	70.64	349	iP	P	12 26 07.9	+2.3
SFJD	comp=Z,3um,18.0s,MS5.6			MLR	MLR		
SFJD	comp=Z,18nm,0.9s,mb5.0			LR	LR		
SFJD	Kangerlussuaq	70.64	349	eP	P	12 26 05.7	+0.1
SFJD	comp=Z,20nm,0.9s,mb5.0			LR	LR		
SFJD	comp=Z,3um,19.0s,MS5.6			LR	LR		
GLMI	Grayling	70.74	319	eP	P	12 26 07.7	+1.0
GLMI	comp=Z,12um,21.0s,MS6.1			LR	LR		
OXF	Oxford	70.97	307	eP	P	12 26 07.7	-0.6
OXF	comp=Z,80nm,1.0s,mb5.6			pmax	pmax		
OXF	comp=Z,80nm,1.0s,mb5.6			MLR	MLR		
OXF	Oxford	70.97	307	eP	P	12 26 07.7	-0.6
OXF	comp=Z,18um,21.0s,MS6.3			LR	LR		
OXF	comp=Z,80nm,1.0s,mb5.6			P	P	12 26 07.7	-0.6
OXF	comp=Z,18um,21.0s,MS6.3			LR	LR		
OLIL	Olney	71.14	312	eP	P	12 26 09.3	+0.1
OLIL	comp=Z,163nm,1.1s,mb5.9			LR	LR		
VBMS	Vicksburg	71.30	305	eP	P	12 26 10.1	-0.3
VBMS	comp=Z,25um,20.0s,MS6.5			LR	LR		
GLAT	Glass	71.34	309	eP	P	12 26 10.7	+0.1
OPO	Ambohadratomp	71.36	109	P	P	12 26 10.8	-0.2
OPO	comp=Z,4.6nm,1.0s,mb4.4,baz=249,slow=8.6,SNR=4.0			pmax	pmax		
VSU	Vasula	71.40	25	iP	P	12 26 10.3	-0.1
VSU	comp=Z,19nm,1.4s,mb4.8			pmax	pmax		
ABPO	Ambohimanpon	71.44	110	PFAKE	LR	12 26 20.0	+8.6
ABPO	comp=Z,3um,20.0s,MS5.5			LR	LR		
SCO	Scoresbysund	71.51	1	eP	pP	12 26 23.3	+9.2
SCO	comp=Z,9.0nm,1.1s,mb4.6			pmax	pmax		
SCO	comp=Z,2um,20.0s,MS5.5			MLR	MLR		
SCO	Scoresbysund	71.51	1	iP	pP	12 26 23.3	+9.2
SCO	comp=Z,8.6nm,1.1s			LR	LR		
SIUC	Southern Illin	71.69	310	eP	P	12 26 11.7	-0.9
SIUC	comp=Z,75nm,1.0s,mb5.6			LR	LR		
SOC	Sochi	71.74	43	eP	P	12 26 09.1	-3.6
SOC	comp=Z,17um,21.0s,MS6.1			eP	eP	12 26 12.9	-3.1
SOC	Sochi	71.74	43	eP	P	12 26 09.1	-3.6
SOC	comp=Z,17um,21.0s,MS6.1			eS	S	12 28 46.0	
SOC	comp=Z,17nm,0.9s,mb5.0			pmax	pmax	12 35 28.7	-4.3
SOC	comp=Z,2um,23.0s,MS5.3			MLR	MLR		
PARMO	Parma	71.81	309	eP	P	12 26 13.9	+0.5
GNAR	Gosnell	71.83	308	eP	P	12 26 13.2	-0.3
BHD	Harrisburg	72.23	308	eP	P	12 26 16.1	+0.2
BHD	Baghdad	72.29	55	e			

24d 12h

2008 APR

1122

Table with columns: ID, Name, Az, El, AzEl, P, AzEl, P, AzEl, P. Includes entries like 628A Black Gap, 427A Terlingua Ranch, 627A Hayter Ranch, etc.

Table with columns: ID, Name, Az, El, AzEl, P, AzEl, P, AzEl, P. Includes entries like RWY Rawlins, Q21A Lamborn Mesa, Q21A Pagoda, etc.

Table with columns: ID, Name, Az, El, AzEl, P, AzEl, P, AzEl, P. Includes entries like P18A Preston Nutter, K18A Toltan Ranch, J18A Kendall Valley, etc.

1123 **2008 APR** 24d 12h

Z15A	Gila River Ind	89.48 303	↑P	P	12 27 47.7	-0.4
D16A	Dana Ranch, Ca	89.48 317	↑P	P	12 27 47.3	-0.5
BOZ	Bozeman (W)	89.49 315	eP	Pmax	12 27 48.1	+0.3
BOZ	comp=Z,31nm,1.6s,mb5.4			MLR		MLR
BOZ	comp=Z,8um,20.0s,MS6.2					
BOZ	Bozeman (W)	89.49 315	↑P	P	12 27 47.1	-0.6
BOZ	Bozeman (W)	89.49 315	eP	P	12 27 48.1	+0.4
BOZ	comp=Z,31nm,1.6s,mb5.4			LR		LR
F16A	Kenrad Place,	89.49 316	↑P	P	12 27 47.4	-0.4
115A	Sonoran Desert	89.52 303	↑P	P	12 27 47.6	-0.6
E16A	East Helena	89.55 316	↑P	P	12 27 48.4	+0.4
V15A	Kaibab Nationa	89.57 306	↑P	P	12 27 48.8	+0.4
X15A	Humboldt	89.58 304	↑P	P	12 27 48.5	0.0
A16A	West Butte Ran	89.59 319	↑P	P	12 27 48.1	0.0
G16A	Moss Hill, Enn	89.59 315	↑P	P	12 27 48.9	+0.6
NLU	North Lily Min	89.62 310	eP	P	12 27 49.6	+1.1
W15A	Williams	89.63 305	↑P	P	12 27 48.8	+0.2
B16A	M & M Farms, S	89.64 318	↑P	P	12 27 48.0	-0.4
Y15A	Casa Rosa Ranch	89.65 304	↑P	P	12 27 48.7	-0.1
MSU	Marysvale	89.65 308	eP	Pmax	12 27 49.1	+0.4
MSU	comp=Z,21nm,1.1s,mb5.4					
MSU	Marysvale	89.65 308	eP	P	12 27 49.1	+0.4
HRV	Holter Researc	89.67 317	eP	P	12 27 48.5	-0.1
MVU	Marysvale	89.68 308	PFAKE	LR	12 28 00.0	+11
MVU	comp=Z,8um,20.0s,MS6.1					
U15A	North Rim	89.68 306	↑P	P	12 27 49.0	+0.1
R15A	Junction	89.72 308	↑P	P	12 27 49.4	+0.4
T15A	Red Dirt Ranch	89.77 307	↑P	P	12 27 49.4	+0.1
S15A	Panguitch	89.78 308	↑P	P	12 27 49.5	+0.2
Q15A	Fillmore	89.83 309	↑P	P	12 27 49.7	+0.2
L15A	Malad City	89.92 312	↑P	P	12 27 49.6	-0.2
M15A	Larsen Ranch,	89.95 311	↑P	P	12 27 50.0	0.0
214A	Organ Pipe Nat	90.00 302	↑P	P	12 27 50.3	-0.2
LRM	Limekiln Ridge	90.07 316	eP	P	12 27 51.4	+0.9
114A	Black Gap (USA)	90.08 303	↑P	P	12 27 50.3	-0.5
G15A	Dillon	90.08 315	↑P	P	12 27 50.1	-0.4
F15A	Butte	90.10 316	↑P	P	12 27 50.2	-0.4
X14A	Yava	90.12 304	↑P	P	12 27 51.5	+0.5
Z14A	Wintersburg	90.14 303	↑P	P	12 27 50.7	-0.4
D15A	Lincoln	90.15 317	↑P	P	12 27 50.7	-0.1
DLMT	Dillon	90.16 315	eP	P	12 27 51.4	+0.5
H15A	Lima	90.17 314	↑P	P	12 27 51.2	-0.2
DUG	Dugway	90.19 310	eP	Pmax	12 27 51.9	+0.7
DUG	comp=Z,6.0nm,1.2s,mb4.8			MLR		MLR
DUG	comp=Z,10um,20.0s,MS6.2					
DUG	Dugway	90.19 310	↑P	P	12 27 51.2	+0.1
DUG	Dugway	90.19 310	eP	P	12 27 51.9	+0.7
DUG	comp=Z,6.0nm,1.2s,mb4.8			LR		LR
HVU	Hansel Valley	90.20 312	eP	Pmax	12 27 51.1	-0.1
HVU	comp=Z,4.0nm,0.8s,mb4.8					
HVU	Hansel Valley	90.20 312	eP	P	12 27 51.1	-0.1
Y14A	Wickenburg	90.20 304	↑P	P	12 27 50.9	-0.5
B15A	Bradley Ranch,	90.21 318	↑P	P	12 27 50.3	-0.8
C15A	Salmond Ranch,	90.23 318	↑P	P	12 27 51.6	+0.4
W14A	Seligman	90.30 305	↑P	P	12 27 52.1	+0.3
V14A	Boquillas Ranc	90.32 305	↑P	P	12 27 52.1	+0.2
MCMT	McKenzie Canyo	90.32 315	eP	P	12 27 52.6	+0.9
A15A	Johnson Ranch,	90.34 319	↑P	P	12 27 51.7	+0.1
BGU	Big Grassy Mtn	90.37 311	eP	P	12 27 53.7	+1.7
U14A	Mit Trumbull	90.40 306	↑P	P	12 27 52.1	-0.2
Q14A	Sevier Lake (B	90.53 309	↑P	P	12 27 52.5	-0.2
CCUT	Cedar City	90.57 307	eP	P	12 27 53.7	+0.7
M14A	Sheep Mountain	90.62 311	↑P	P	12 27 53.0	-0.2
CHMT	Chamberlain Mo	90.65 317	eP	P	12 27 53.1	-0.1
H14A	Leadore	90.69 314	↑P	P	12 27 54.0	+0.6
Z13A	Yuma Proving G	90.73 303	↑P	P	12 27 54.0	+0.1
I14A	Mackay	90.74 314	↑P	P	12 27 54.2	+0.5
J14A	Carey	90.78 313	↑P	P	12 27 54.1	+0.3
A14A	Double T Ranch	90.79 319	↑P	P	12 27 54.2	+0.4
E14A	Clinton	90.81 316	↑P	P	12 27 53.9	0.0
EDM	Edmonton	90.81 323	eP	P	12 27 53.2	-0.5
113A	Mohawk Valley,	90.82 303	↑P	P	12 27 54.1	-0.2
D14A	Greenough	90.82 317	↑P	P	12 27 54.8	+0.9
Y13A	Salome	90.89 304	↑P	P	12 27 54.2	-0.4
X13A	Yuca	90.90 304	↑P	P	12 27 53.9	-0.7
S13A	Holt Ranch, En	90.96 307	↑P	P	12 27 53.6	-1.3
C14A	Swan Lake	91.00 318	↑P	P	12 27 53.9	-0.8
U13A	Pakoon Wash	91.03 306	↑P	P	12 27 54.8	-0.4
V13A	Grand Canyon W	91.04 306	↑P	P	12 27 54.8	-0.5
Q13A	Wheeler Ranch,	91.10 309	↑P	P	12 27 55.8	+0.4
MSO	Missoula	91.12 317	eP	P	12 27 55.1	-0.2
MSO	comp=Z,19nm,1.4s,mb5.2			LR		LR
PDMO	Parker Dam Lak	91.15 304	↑P	P	12 27 55.7	-0.1
SWMT	Swartz Lake	91.16 317	eP	P	12 27 55.7	+0.1
K13A	Stover Farm, H	91.19 312	↑P	P	12 27 55.7	0.0
I13A	Wildhorse Cree	91.22 314	↑P	P	12 27 56.0	+0.1
M13A	Montello	91.24 311	↑P	P	12 27 56.1	+0.1

M13A	Montello	91.24 311	eP	P	12 27 56.5	+0.4
J13A	Cove Ranch, Pi	91.26 313	↑P	P	12 27 56.0	-0.1
N13A	Weaver, West	91.26 311	↑P	P	12 27 56.3	+0.2
E13A	Victor	91.29 316	↑P	P	12 27 56.3	+0.2
G13A	Cobalt	91.31 315	↑P	P	12 27 56.0	-0.3
H13A	Challis	91.32 314	↑P	P	12 27 56.5	+0.2
JTMT	Jette	91.36 318	eP	P	12 27 56.5	+0.1
F13A	Darby	91.38 316	↑P	P	12 27 56.4	-0.2
HLID	Hailey	91.43 313	↑P	P	12 27 57.5	+0.6
HLID	Hailey	91.43 313	eP	P	12 27 57.7	+0.8
HLID	comp=Z,6.1nm,0.9s,mb4.9			LR		LR
Y12C	Blythe	91.47 304	↑P	P	12 27 58.0	+0.7
B13A	Whitefish	91.48 318	↑P	P	12 27 57.6	+0.6
YKA	Yellowknife Ar	91.52 332	P	Pmax	12 27 55.9	-0.9
YKA	Yellowknife Ar	91.52 332	P	P	12 27 55.9	-0.9
YKA	comp=Z,9.0nm,0.8s,mb5.1			PKKPbc		PKKPbc
YKA	comp=Z,0.1nm,0.7s,baz=273,slow=2.5,SNR=4.6			LR		LR
YKA	Yellowknife Ar	91.52 332	P	P	12 27 55.9	-0.9
YKA	comp=Z,873nm,21.7s,MS5.2,baz=215,slow=33.3			PKKPbc		PKKPbc
YKA	Yellowknife Ar	91.52 332	P	P	12 27 55.9	-0.9
YKA	Yellowknife Ar	91.52 332	P	P	12 27 55.9	-0.9
C13A	Hot Springs	91.55 317	↑P	P	12 27 57.5	+0.1
O12A	Currie	91.67 310	↑P	P	12 27 58.1	0.0
BSMT	Bassoo Peak	91.70 318	eP	P	12 27 58.1	+0.1
GLA	Glamis	91.72 303	eP	Pmax	12 27 59.0	+0.6
GLA	comp=Z,69nm,1.4s,mb5.8					
GLA	Glamis	91.72 303	↑P	P	12 27 58.6	+0.2
GLA	Glamis	91.72 303	eP	P	12 27 59.0	+0.5
V12A	Nelson	91.75 306	↑P	P	12 27 58.8	+0.3
H12A	Diamond D Ranc	91.75 314	↑P	P	12 27 58.7	+0.4
K12A	Draper Farm, C	91.79 312	↑P	P	12 27 59.1	+0.6
P12A	McGill	91.80 309	↑P	P	12 27 59.2	+0.5
M12A	Wells	91.80 311	↑P	P	12 27 58.6	-0.1
L12A	House Creek Ra	91.88 312	↑P	P	12 27 59.4	+0.5
N12A	Clover Valley,	91.89 311	↑P	P	12 27 59.3	+0.2
N12A	Clover Valley,	91.89 311	eP	P	12 27 59.8	+0.7
I12A	Atlanta	91.95 314	↑P	P	12 27 59.3	0.0
LDFC	Landfair	91.95 305	eP	P	12 27 59.4	-0.2
IRM	Iron Mountain	91.99 304	↑P	P	12 27 59.3	-0.4
F12A	Elk City	92.03 316	↑P	P	12 27 59.5	-0.1
T11A	Corn Creek, Al	92.04 307	↑P	P	12 27 59.7	-0.2
ELK	Elko	92.05 311	PFAKE	LR	12 28 10.0	+10
D12A	Red Ives Fores	92.08 317	↑P	P	12 27 59.8	0.0
C12B	Naegeeli Ranch,	92.16 318	↑P	P	12 28 00.4	+0.2
V11A	Goodsprings	92.22 306	↑P	P	12 28 00.8	+0.1
BC3	Big Truckw Mtn	92.24 303	↑P	P	12 28 01.1	+0.2
E12A	Beaver Dam Sad	92.24 316	↑P	P	12 28 00.4	-0.2
R11A	Troy Canyon, C	92.33 308	↑P	P	12 28 00.9	-0.3
O11A	Cowboy Ranch,	92.37 310	↑P	P	12 28 01.4	+0.1
Q11A	Duckwater	92.38 309	↑P	P	12 28 01.3	0.0
L11A	Cat Creek Ranc	92.42 312	↑P	P	12 28 01.6	+0.1
M11A	Holland Ranch,	92.46 311	↑P	P	12 28 01.7	0.0
H11A	Donelly	92.58 315	↑P	P	12 28 01.9	-0.2
TUQ	Turquoise Moun	92.62 305	↑P	P	12 28 02.9	+0.4
K11A	Parker Ranch,	92.62 313	↑P	P	12 28 02.7	+0.3
F11A	Grangeville	92.66 316	↑P	P	12 28 02.3	-0.2
E11A	Bogner Ranch,	92.69 316	↑P	P	12 28 02.2	-0.4
L10A	Juniper Basin	92.96 312	↑P	P	12 28 02.0	0.0
PFO	Pinyon Flat Ob	93.08 303	PFAKE	LR	12 28 20.0	+15
PFO	comp=Z,8um,19.0s,MS6.2					
I10A	Payette	93.16 314	↑P	P	12 28 04.4	-0.4
BRVK	Borovoye	93.21 37	PFAKE	LR	12 28 20.0	+15
BRVK	comp=Z,2um,20.0s,MS5.5					
K10A	MacKenzie Ranc	93.24 313	↑P	P	12 28 05.4	+0.2
NEW	Newport	93.26 318	PFAKE	LR	12 28 20.0	+15
BVAR	Borovoye Array	93.28 37	PP	PP	12 31 40.4	-8.3
BVAR	comp=Z,1.4nm,0.9s,baz=259,slow=5.6,SNR=3.6			LR		LR
G10A	Bishop Farm, J	93.35 315	↑P	P	12 28 05.3	-0.4
D10A	Wagner Farm, O	93.40 317	↑P	P	12 28 05.6	-0.4
F10A	Beach Ranch, E	93.40 316	↑P	P	12 28 05.6	-0.4
BMO	Blue Mountains	93.49 315	eP	Pmax	12 28 06.3	-0.1
BMO	comp=Z,28nm,1.3s,mb5.5					

24d 12h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like SONGINGO, ULANBAATAR, SEYCHUAN, etc.

2008 APR

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like YUZH-SAKHALINS, NANJING, KUCHING, etc.

1124

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like KAPI, ASAR, WRA, STKA, etc.

ATH 24 12:26:13.8, 34.71N-23.64E, h18km, 2km, MD3.4/7
NEIC 24 12:26:13.8, 34.71N-23.64E, h18km, MD3.4(ATH), After ATH.
CSEM 24 12:26:14.4, 1.3, 34.73N-23.63E, h20km, MD3.4, Error ellipse: s-maj=33.3km s-min=13.7km az=20.0
ISC 24 12:26:11.2, 2.1, 34.62N-0.09, 23.51E, 0.08, h0km, 13km, n24, 0.975/30, Crete

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like GVD, KARANOS, VAMOS, etc.

IDC 24 12:57:34.3, 0.0, 54.30N-87.33E, h0km, mb1 3.2/3, mb1mx3.1/28, mb1mp3.2/3, ML3.0/3, Error ellipse: s-maj=27.5km s-min=19.4km az=48.0
NMC 24 12:57:39.5, 0.0, 54.13N-87.20E, h26km, 29km, mb3.2, mp2.9, Error ellipse: s-maj=33.7km s-min=30.8km

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ZALV, KURK, KURBB, etc.

NEIC 24 12:51:34.6, 7.1703N-94.89W, h121km, MD3.7(MEX), After CHIAPAS
MEX 24 12:51:34.3, 0.9, 17.03N-94.88W, h122km, 7km, MD3.7, Chiapas

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like CMIG, MATIAS ROMERO, etc.

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

IDC 24 12:52:45.4s, 4.19, 69S, 169.56E, h0km, mb4.0/5, mb1 4.2/5, mb1mx4.0/15, mbtmp4.0/5, MS4.6/1, Ms1 4.6/1, ms1mx4.4/24, Error ellipse: s-maj=176.1km s-min=39.6km az=141.0

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

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

MOS 24 13:22:13.3s, 0.9, 5, 41N, 94.36E, h33km, mb4.9/9, Error ellipse: s-maj=15.2km s-min=7.1km az=116.8

IDC 24 13:22:16.6s, 4.1, 5, 26N, 94.21E, h52km, mb36km, mb4.1/19, mb1 4.2/21, mb1mx4.0/30, mbtmp4.1/21, ML4.5/2, Error ellipse: s-maj=34.1km s-min=11.8km az=54.0

ISCJB 24 13:22:16.6s, 0.8, 5, 34N, 0.05s, 94.35E, 0.06, h69km, 7km, mb4.5/44, Error ellipse: s-maj=10.6km s-min=6.4km az=144.8

NEIC 24 13:22:18.2s, 0.9, 5, 26N, 94.32E, h70km, 9km, mb4.7/11, Error ellipse: s-maj=10.5km s-min=5.9km az=56.0

NEIC Felt [1] at Banda Aceh

BUI 24 13:22:21.9s, 5, 96N, 94.33E, h69km, mb4.9/2, mb4.9/14, Ms5.1/2, Ms7.4/7

DJA 24 13:22:36.6s, 13N, 95.24E, h173km, mb4.3/8

ISC 24 13:22:17.8s, 0.8, 5, 37N, 0.05s, 94.33E, 0.06, h63km, 7km, n81, 0.96/80, mb4.6/43, 4C-1D, Northern Sumatra

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

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

IDC 24 13:33:54.4s, 4.3, 5, 30S, 149.86E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.4/16, mbtmp3.4/3, Error ellipse: s-maj=110.5km s-min=45.8km az=117.0, New Britain region

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

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

ABKAR Akbulak array 52.51 332 eP P 13 31 25.1 +0.5

STKA Stephens Creek 58.26 133 P P 13 32 06.1 -0.1

STKA Stephens Creek 58.26 133 P P 13 32 06.2 0.0

BRTR Keskin Array B 64.21 312 P P 13 32 45.9 -0.5

TIXI Tiksi 69.64 11 eP P 13 33 19.7 -0.5

TIXI Tiksi 69.64 11 eP P 13 33 19.3 -0.9

AKASO Malin Array Be 70.23 322 P P 13 33 23.1 -1.1

FINES FINES Array B 75.00 332 P P 13 33 55.2 +0.2

ARCES ARCESS Array B 77.67 340 P P 13 34 08.1 +0.8

GERES GERES Array B 79.81 319 P P 13 34 20.4 +1.0

NOA NORARS Array B 81.99 331 P P 13 34 30.2 -0.6

RES Resolute Bay 99.88 2 P P 13 35 55.6 +0.1

ANMO Albuquerque 135.37 25 PKP P 13 41 28.9 -2.3

ANMO Albuquerque 135.37 25 PKP P 13 41 28.9 -2.3

TUC Tucson 135.56 31 ePKHP P 13 41 16.1

TUC Tucson 135.56 31 eP P 13 41 16.1

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

IDC 24 13:37:22.9s, 0.8, 4, 3, 05N, 126.34W, h0km, mb4.1/16, mb1 4.2/22, mb1mx4.1/34, mbtmp4.2/22, ML4.0/5, MS4.3/9, Ms1 4.2/9, ms1mx3.9/46, Error ellipse: s-maj=21.0km s-min=7.9km az=37.0

ISCJB 24 13:37:23.9s, 0.3, 4, 3, 16N, 0.03s, 126.27W, 0.04, h10km, mb4.4/37, MS4.5/5, Error ellipse: s-maj=5.0km s-min=3.0km az=41.4

NEIC 24 13:37:25.0s, 0.4, 4, 3, 16N, 126.32W, h10km, mb4.6/37, Error ellipse: s-maj=6.0km s-min=3.5km az=22.2, O.3m, 0.3s, 126.27W, 0.04, h10km, n163, 0.17/166, mb4.4/37, MS4.5/5, Off coast of Oregon

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

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

IDC 24 13:37:22.9s, 0.8, 4, 3, 05N, 126.34W, h0km, mb4.1/16, mb1 4.2/22, mb1mx4.1/34, mbtmp4.2/22, ML4.0/5, MS4.3/9, Ms1 4.2/9, ms1mx3.9/46, Error ellipse: s-maj=21.0km s-min=7.9km az=37.0

ISCJB 24 13:37:23.9s, 0.3, 4, 3, 16N, 0.03s, 126.27W, 0.04, h10km, mb4.4/37, MS4.5/5, Error ellipse: s-maj=5.0km s-min=3.0km az=41.4

NEIC 24 13:37:25.0s, 0.4, 4, 3, 16N, 126.32W, h10km, mb4.6/37, Error ellipse: s-maj=6.0km s-min=3.5km az=22.2, O.3m, 0.3s, 126.27W, 0.04, h10km, n163, 0.17/166, mb4.4/37, MS4.5/5, Off coast of Oregon

IDC 24 13:37:22.9s, 0.8, 4, 3, 05N, 126.34W, h0km, mb4.1/16, mb1 4.2/22, mb1mx4.1/34, mbtmp4.2/22, ML4.0/5, MS4.3/9, Ms1 4.2/9, ms1mx3.9/46, Error ellipse: s-maj=21.0km s-min=7.9km az=37.0

ISCJB 24 13:37:23.9s, 0.3, 4, 3, 16N, 0.03s, 126.27W, 0.04, h10km, mb4.4/37, MS4.5/5, Error ellipse: s-maj=5.0km s-min=3.0km az=41.4

NEIC 24 13:37:25.0s, 0.4, 4, 3, 16N, 126.32W, h10km, mb4.6/37, Error ellipse: s-maj=6.0km s-min=3.5km az=22.2, O.3m, 0.3s, 126.27W, 0.04, h10km, n163, 0.17/166, mb4.4/37, MS4.5/5, Off coast of Oregon

IDC 24 13:37:22.9s, 0.8, 4, 3, 05N, 126.34W, h0km, mb4.1/16, mb1 4.2/22, mb1mx4.1/34, mbtmp4.2/22, ML4.0/5, MS4.3/9, Ms1 4.2/9, ms1mx3.9/46, Error ellipse: s-maj=21.0km s-min=7.9km az=37.0

ISCJB 24 13:37:23.9s, 0.3, 4, 3, 16N, 0.03s, 126.27W, 0.04, h10km, mb4.4/37, MS4.5/5, Error ellipse: s-maj=5.0km s-min=3.0km az=41.4

NEIC 24 13:37:25.0s, 0.4, 4, 3, 16N, 126.32W, h10km, mb4.6/37, Error ellipse: s-maj=6.0km s-min=3.5km az=22.2, O.3m, 0.3s, 126.27W, 0.04, h10km, n163, 0.17/166, mb4.4/37, MS4.5/5, Off coast of Oregon

IDC 24 13:37:22.9s, 0.8, 4, 3, 05N, 126.34W, h0km, mb4.1/16, mb1 4.2/22, mb1mx4.1/34, mbtmp4.2/22, ML4.0/5, MS4.3/9, Ms1 4.2/9, ms1mx3.9/46, Error ellipse: s-maj=21.0km s-min=7.9km az=37.0

ISCJB 24 13:37:23.9s, 0.3, 4, 3, 16N, 0.03s, 126.27W, 0.04, h10km, mb4.4/37, MS4.5/5, Error ellipse: s-maj=5.0km s-min=3.0km az=41.4

NEIC 24 13:37:25.0s, 0.4, 4, 3, 16N, 126.32W, h10km, mb4.6/37, Error ellipse: s-maj=6.0km s-min=3.5km az=22.2, O.3m, 0.3s, 126.27W, 0.04, h10km, n163, 0.17/166, mb4.4/37, MS4.5/5, Off coast of Oregon

IDC 24 13:37:22.9s, 0.8, 4, 3, 05N, 126.34W, h0km, mb4.1/16, mb1 4.2/22, mb1mx4.1/34, mbtmp4.2/22, ML4.0/5, MS4.3/9, Ms1 4.2/9, ms1mx3.9/46, Error ellipse: s-maj=21.0km s-min=7.9km az=37.0

ISCJB 24 13:37:23.9s, 0.3, 4, 3, 16N, 0.03s, 126.27W, 0.04, h10km, mb4.4/37, MS4.5/5, Error ellipse: s-maj=5.0km s-min=3.0km az=41.4

NEIC 24 13:37:25.0s, 0.4, 4, 3, 16N, 126.32W, h10km, mb4.6/37, Error ellipse: s-maj=6.0km s-min=3.5km az=22.2, O.3m, 0.3s, 126.27W, 0.04, h10km, n163, 0.17/166, mb4.4/37, MS4.5/5, Off coast of Oregon

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

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like N12A, B07A, DLBC, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like KLMR, KMBN, KMOB, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like KTD, BCLA, STU, etc.

24d 17h

Table with columns: STKA, Stephens Creek, 26.82 239 P, P, 15 35 27.3 +1.6

Table with columns: KRSC 24 15:48:47.9, 2.0, 49.53N, 158.55E, h10km, 10km, ML4.0

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

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

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

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

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

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2008 APR

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

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

1130

Table with columns: WTP, Ta-pu, 2.02 251 P, Pn, 17 07 43.6 +1.3

Table with columns: WTP, Ta-pu, 2.02 251 P, Pn, 17 08 08.7 +2.4

Table with columns: WTP, Ta-pu, 2.02 251 P, Pn, 17 07 41.7 -1.3

Table with columns: WTP, Ta-pu, 2.02 251 P, Pn, 17 08 06.5 -1.2

Table with columns: WTP, Ta-pu, 2.02 251 P, Pn, 17 07 45.2 +1.6

Table with columns: WTP, Ta-pu, 2.02 251 P, Pn, 17 08 09.9 +1.5

Table with columns: WTP, Ta-pu, 2.02 251 P, Pn, 17 07 44.9 +1.3

Table with columns: WTP, Ta-pu, 2.02 251 P, Pn, 17 08 11.1 +2.5

Table with columns: WTP, Ta-pu, 2.02 251 P, Pn, 17 07 44.5 +0.8

Table with columns: WTP, Ta-pu, 2.02 251 P, Pn, 17 08 10.9 +2.1

Table with columns: WTP, Ta-pu, 2.02 251 P, Pn, 17 07 43.7 -0.5

Table with columns: WTP, Ta-pu, 2.02 251 P, Pn, 17 07 45.9 +1.1

Table with columns: WTP, Ta-pu, 2.02 251 P, Pn, 17 07 46.1 +0.9

Table with columns: WTP, Ta-pu, 2.02 251 P, Pn, 17 08 13.0 +1.6

Table with columns: WTP, Ta-pu, 2.02 251 P, Pn, 17 07 45.2 -0.8

Table with columns: WTP, Ta-pu, 2.02 251 P, Pn, 17 08 11.7 -1.3

Table with columns: WTP, Ta-pu, 2.02 251 P, Pn, 17 07 49.1 +2.3

Table with columns: WTP, Ta-pu, 2.02 251 P, Pn, 17 08 16.7 +2.3

Table with columns: WTP, Ta-pu, 2.02 251 P, Pn, 17 07 50.4 +2.1

CSEM 24 17:14:52.7, 0.3, 69.73N, 18.17E, h5km, ML2.7, Error ellipse: s-maj=6.7km s-min=4.0km az=155.0

NAO 24 17:14:54.9, 1.9, 69.66N, 18.46E, h9km, 13km, ML2.7

UPP 24 17:14:54.5, 69.68N, 18.59E, h0km, ML2.4

ISCJ 24 17:14:54.5, 0.6, 69.43N, 18.42E, h0km, 5km, Error ellipse: s-maj=7.6km s-min=3.2km az=153.7

NEIC 24 17:14:54.0, 1.4, 69.63N, 18.17E, h10km, ML2.7(NAO), ML2.7(BER), Error ellipse: s-maj=25.2km s-min=5.7km az=152.0

BER 24 17:14:55.9, 2.4, 69.69N, 18.45E, h10km, MD3.2, ML2.7, ML2.7(NAO)

ISC 24 17:14:55.4, 0.6, 69.55N, 18.04E, h10km, 4km, n116, s114/176, 3C, Northern Norway

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like PAJU, SGF, MOR8, STOK, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like GUMO, CBJ, DAV, JOW, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like CD2, PETK, LZH, etc.

24d 18h

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and Remarks. Includes stations like Tokmak 2, Uchtor, Erkin-Say, Almayashu, etc.

2008 APR

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and Remarks. Includes stations like TEGC, ESL, WHF, TWC, NNS, etc.

1132

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and Remarks. Includes stations like EAST, SCZT, LAY, WDGJ, PNG, etc.

ISCJB 24 18:26:26.2, 0.3, 17:52S; 0:05:14.19W; 0:07, h10km, mb4.7, 9.9, MS4.0/24, Error ellipse: s-maj=1.0, s-min=0.7, 3km, 15.4

IDC 24 18:26:40.6, 0.7, 17:51S; 14:27W, h0km, mb4.4/18, mb1.4/18, mb1mx4.4/20, mbtmp4.3/18, MS4.0/18, Ms1.4/0.18, ms1mx4.0/20, Error ellipse: s-maj=17.6km, s-min=15.1km, az=146.0

NEIC 24 18:26:27.9, 0.3, 17:52S; 14:21W, h10km, mb4.9/68, MS4.2/4, Error ellipse: s-maj=8.3km, s-min=7.1km, az=118.0

GCMT 24 18:26:27.9, 0.3, 17:52S; 14:10W, h13km, 1km, MW4.9/63, Moment Tensor Solution, s16, c23; s63, c86; Duration: 0.0

ISC 24 18:26:28.3, 0.3, 17:55S; 0:05:14.20W; 0:07, h10km, (h2=2m), 4km, (p=P), n163, c087/155, mb4.7/99, MS4.0/24, Az=20, Southern Mid-Atlantic Ridge

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

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and Remarks. Includes stations like RCBR, LIC, LAM, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like EVIA Vianos, ETOB Tobarra, PCBR Castelo Branco, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BFO Black Forest, MAW Mawson, MAW Mawson, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DALT Dalyan (Mudla), DALT Dalyan (Mudla), VER Yerkesik, etc.

24d 22h

az=136.3
IDC 24 22:24:47.4.1.7.2.63N.95.52E, h0km, mb3.8/6, mb1 3.8/6,
mb1mx3.6/25, mbtmp3.7/8, ML3.7/2, Error ellipse:
s-maj=57.1km s-min=19.8km az=53.0
DJA 24 22:24:48.2.50N.95.34E, h11km, MLV3.9/5
NEIC 24 22:24:49.0.3.4.2.59N.95.51E, h14km, MLV3.7/1,
Error ellipse: s-maj=9.5km s-min=7.0km az=54.0
ISC 24 22:24:48.0.5.2.49N.05.95.37E, h0km, n32,
e1915/35, mb4.0/11, Off west coast of northern

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Gunungsitoli, Banda Aceh, Lhok Sumawe, etc.

ISCJCB 24 22:27:47.8.0.4.39.22N.0.02:27.74E, h5km, 5km,
Error ellipse: s-maj=4.3km s-min=3.3km az=4.3
CSEM 24 22:27:47.9.0.1.39.21N.27.74E, h5km, MD2.9, Error
ellipse: s-maj=2.9km s-min=2.4km az=92.0
ISK 24 22:27:47.4.39.22N.27.70E, h6km, MD2.9
ISC 24 22:27:48.3.0.39.22N.0.02:27.74E, h8km, 4km,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Akhisar, Balikesir, Dursunbey, etc.

CSEM 24 22:44:28.3.0.2.35.72N.52.60E, h2km, ML3.6, Error
ellipse: s-maj=4.6km s-min=3.4km az=151.0
ISCJCB 24 22:44:28.4.0.3.35.72N.0.03:52.61E, h0km,
mb3.4/7, Error ellipse: s-maj=3.9km s-min=2.9km
az=147.2
THR 24 22:44:29.0.1.1.35.70N.52.55E, h15km, 11km, ML3.8
NEIC 24 22:44:29.3.35.74N.52.61E, h4km, ML3.8(THR),
MN3.6(TEH), After TEH.
TEH 24 22:44:29.3.35.74N.52.61E, h4km
IDC 24 22:44:30.4.2.4.35.92N.52.56E, h0km, mb3.4/7,
mb1 3.7/9, mb1mx3.5/26, mbtmp3.5/9, ML3.1/2, MS3.0/1,
Ms1 3.0/1, ms1mx2.3/31, Error ellipse: s-maj=41.6km
s-min=20.4km az=172.0
ISC 24 22:44:29.2.0.3.35.73N.0.02:52.60E, h0km, n107,
e1841/134, mb3.4/7, 1C-2D, Northern and central Iran

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

2008 APR

Main table with columns: IALA, Alasht, 0.39 25 ePg, Pg, Sg, etc. Includes stations like Alasht, Damavand, etc.

1136

Table with columns: ABKAR, Akbulak array, 14.55 19 ePn, Pn, etc. Includes stations like Akbulak array, Aktyubinsk, etc.

NEIC 24 22:44:45.7.19.92N.65.02W, h57km, MD3.4(RSPR),
After RSPR.
RSPR 24 22:44:45.7.19.92N.65.02W, h57km, 5km, MD3.4/14,
MD3.4/14, 5C-15D, Puerto Rico region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Anegada, Torolita, Saint Thomas, etc.

ISCJCB 24 22:47:03.8.0.3.39.55N.0.03:119.82W, h0km,
Error ellipse: s-maj=4.0km s-min=2.8km az=152.8
NEIC 24 22:47:04.2.39.53N.119.93W, h1km, ML4.1(REN),
MW3.7(SLM), MW3.7(BRK), After REN.
NEIC Feil [IV] at Reno. Also felt at Carson City, Sparks and Sun
Valley, Felt at Truckee, California.
BUJ 24 22:47:04.2.39.50N.119.90W, h1km, mb5.1/3, mb4.6/5,
Ms4.6/2, Ms7.4/3
IDC 24 22:47:05.1.0.9.39.54N.119.88W, h0km, mb2.7/1,
mb1 3.4/5, mb1mx3.2/26, mbtmp3.1/5, ML3.6/4, MS2.9/1,
Ms1 2.9/1, ms1mx2.5/9, Error ellipse: s-maj=13.0km
s-min=5.8km az=45.0
ISC 24 22:47:05.2.0.3.39.51N.0.02:119.84W, h0km, n41,
e1933/81, 1D, Nevada

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Columbia Coile, Mina Array Bea, etc.

25d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TORO Torodi Ar. Bea, TSUM Tsumeb, BOSHA Boshu Ar. Bea, etc.

ISCJB 24 23:11:38.3:1.1, 17:14S:0:08:71.8W:0.1, h78km, 15km, mb3.4/3, Error ellipse: s-maj=19.2km s-min=7.3km

NEIC 24 23:11:40.1:0.1, 17:18S:71:75W, h83km, 10km, M3.9(L/M), Error ellipse: s-maj=12.0km s-min=7.9km

NEIC Felt (I) at Mollendo, IDC 24 23:11:40.1:1.7, 17:19S:71:80W, h83km, 20km, mb3.1/3, mb1 3.5/8, mb1mx3.4/2.1, mbtm3.3/4.8, MS2.9/1, Ms1 2.9/1, ms1mx2.3/1.2, Error ellipse: s-maj=37.4km s-min=12.8km az=52.0

ISC 24 23:11:40.3:0.8, 17:15S:0:07:71.8W:0.1, h82km, 12km, n13, c0.48/15, mb3.4/3, Near coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LVC Limon Verde, LVC 6.5nm, 0.3s, baz=140, slow=18, SNR=10, etc.

NEIC 24 23:16:10.5:1.5, 44:03N:130:09W, h10km, mb4.1/4, Error ellipse: s-maj=18.2km s-min=9.5km az=57.0

IDC 24 23:16:24.3:4.3, 44:52N:128:29W, h0km, mb3.5/2, mb1 3.7/6, mb1mx3.4/2.6, mbtm3.3/6, ML3.3/4, MS3.3/7, Ms1 3.3/7, ms1mx3.0/2.5, Error ellipse: s-maj=68.4km s-min=26.5km az=65.0

ISC 24 23:16:11.4:1.4, 44:12N:0:09:130:1W:0.1, h10km, n57, c0.110/54, mb3.6/3, MS3.3/5, Off coast of Oregon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RNO Roman Nose, COR Corvallis, HUMO Hull Mountain, etc.

2008 APR

Table with columns: FFC, Flin Flon, 2098 50 eP, P, 23 20 55.2 +0.7, etc. Includes stations like EGAK Eagle, ULM Lac du Bonnet, etc.

ISCJB 24 23:51:28.7:0.3, 41:17N:0:03:140:74E:0.06, h127km, 2km, mb4.0/11, Error ellipse: s-maj=7.0km s-min=5.3km az=19.3

JMA 24 23:51:29.9:0.1, 41:18N:140:74E, h120km, 1km, M2.9, NEIC 24 23:51:30.2:0.9, 41:35N:140:63E, h119km, 15km, Error ellipse: s-maj=39.6km s-min=14.3km az=175.0

IDC 24 23:51:31.0:0.7, 41:34N:140:63E, h127km, 46km, mb3.3/7, mb1 3.3/8, mb1mx3.2/2.5, mbtm3.3/3.8, Error ellipse: s-maj=81.3km s-min=19.1km az=170.0

ISC 24 23:51:29.8:0.3, 41:17N:0:03:140:75E:0.05, h122km, 2km, n30, c0.52/43, mb4.0/11, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JSI2 Shiura 2, JSI2 0.27 247 P, etc.

ISCJB 25 01:24:02.7:0.6, 55:55N:0:2:35:1W:0.1, h10km, mb3.8/13, MS3.2/3, Error ellipse: s-maj=23.3km s-min=10.4km az=14.6

IDC 25 01:24:02.5:1.0, 55:35N:35:07W, h0km, mb3.6/6, mb1 3.8/7, mb1mx3.5/2.7, mbtm3.6/7, ML2.4/1, MS3.2/4, Ms1 3.2/4, ms1mx2.8/3.1, Error ellipse: s-maj=46.6km s-min=19.0km az=24.0

CSEM 25 01:24:04.3, 55:41N:35:10W, h10km, mb4.1/7, After NEIC 25 01:24:04.3:0.5, 55:41N:35:10W, h10km, mb4.1/7, Error ellipse: s-maj=20.5km s-min=9.2km az=15.0

ISC 25 01:24:04.5:0.6, 55:41N:0:2:35:1W:0.1, h10km, n34, c0.89/29, mb3.8/13, MS3.2/3, Reykjanes Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CORM Corum, CORM 0.32 140 ePg, etc.

IDC 25 01:21:02.8:1.7, 72:45S:130:06E, h0km, mb3.9/4, mb1 4.1/7, mb1mx3.9/1.7, mbtm3.9/7, ML4.0/3, Error ellipse: s-maj=97.6km s-min=24.2km az=80.0

NEIC 25 00:21:10.9:2.1, 7:46S:129:97E, h2km, 24km, mb3.9/2, Error ellipse: s-maj=16.7km s-min=15.4km az=183.0

ISC 25 00:21:11.6:2.3, 7:55S:0:1:130:0E:0.1, h81km, 25km, n22, c0.94/23, mb3.8/5, Tanimbar Islands region

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

1138

Table with columns: MBWA Marble Bar, GUMO Guam, GOCO West Island, etc. Includes station names, coordinates, and times.

NNC 25 01:03:45.8:5.8, 38:39'N:70:58'E, h213km, 69km, mb2.3, mbp2.5-2C-4D, Error ellipse: s-maj=64.9km s-min=27.8km az=15.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KK31 Karatay Array, KK31 2.2nm, 0.3s, baz=179, slow=12, SNR=120, etc.

WEL 25 01:08:13.1:0.6, 38:55'S:175:40'E, h229km, 4km, ML3.8/5, 5D, Error ellipse: s-maj=9.2km s-min=4.6km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MOVZ Moawhango, BKZ Black Stump Fm, etc.

ISCJB 25 01:24:02.7:0.6, 55:55N:0:2:35:1W:0.1, h10km, mb3.8/13, MS3.2/3, Error ellipse: s-maj=23.3km s-min=10.4km az=14.6

IDC 25 01:24:02.5:1.0, 55:35N:35:07W, h0km, mb3.6/6, mb1 3.8/7, mb1mx3.5/2.7, mbtm3.6/7, ML2.4/1, MS3.2/4, Ms1 3.2/4, ms1mx2.8/3.1, Error ellipse: s-maj=46.6km s-min=19.0km az=24.0

CSEM 25 01:24:04.3, 55:41N:35:10W, h10km, mb4.1/7, After NEIC 25 01:24:04.3:0.5, 55:41N:35:10W, h10km, mb4.1/7, Error ellipse: s-maj=20.5km s-min=9.2km az=15.0

ISC 25 01:24:04.5:0.6, 55:41N:0:2:35:1W:0.1, h10km, n34, c0.89/29, mb3.8/13, MS3.2/3, Reykjanes Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SCHO Sonseca Array, SCHO 0.1nm, 0.3s, baz=74, slow=13, SNR=5.2, etc.

ASAR Alice Springs 147.26 19 PKPbc PKPbc 01 43 47.4 -0.4
ASAR Alice Springs 147.26 19 PKPbc PKPbc 01 43 47.4 -0.4

IDC 25 01:34:10.1-3.5, 2.28S, 140.91E, h0km, mb3.4/3,
mb1 3.7/4, mb1mx3.5/15, mbtmp3.5/4, ML3.7/1, MS3.2/1,
Ms1 3.2/1, ms1mx2.5/18, Error ellipse: s-maj=100.1km
s-min=30.9km az=92.0, Near north coast of Irian Jaya

IDC 25 01:45:11.4-1.5, 20.24S, 168.55E, h0km, mb4.1/7,
mb1 4.2/8, mb1mx4.1/16, mbtmp4.1/8, Error ellipse:
s-maj=36.4km s-min=28.1km az=112.0

NEIC 25 01:45:16.0-6.8, 20.4S, 0.1x168.5E, 0.1, h30km, 36km, n21,
n070/16, mb4.1/9, Loyalty Islands

Code Station Name Az Az' Phase ID Time Res
DZM Mont Dzumac 2.58 229 Op Pn 01 45 55.4 -0.3
DZM Port Laguerre 2.70 230 Op Pn 01 46 24.4 -1.6
NOUC Urewhera 19.29 159 Op Pn 01 49 39.5 +0.1

NEIC 25 01:52:26.8, 20.05N, 64.98W, h11km, MD3.7(RSPR),
After RSPR.

RSPR 25 01:52:26.8, 20.05N, 64.98W, h11km, 7km, MD3.6/6,
MD3.6/5, 11C-7D, North Atlantic Ocean

Code Station Name Az Az' Phase ID Time Res
ABV Anegada 1.45 155 Op Pn 01 52 50.2 -2.8
ABV Anegada 1.45 155 Op Pn 01 52 50.2 -2.8
ABV Anegada 1.45 155 Op Pn 01 52 50.2 -2.8

ISK 25 02:05:49.4, 35.10N, 31.52E, h14km, MD3.6
DDA 25 02:05:49.8, 35.21N, 31.62E, h7km, 3km, MD3.3
CSEM 25 02:05:50.0, 35.07N, 31.49E, h10km, MW3.1, Error
ellipse: s-maj=14.2km s-min=4.8km az=28.0

ISCJB 25 02:05:52.0, 35.07N, 0.0331, 51E, 0.05, h47km, 17km,
Error ellipse: s-maj=7.2km s-min=3.2km az=145.8

NEIC 25 02:05:52.3, 35.20N, 31.52E, h20km, ML3.5(NIC), After
NIC.

NIC 25 02:05:52.3, 35.20N, 31.52E, h20km, ML3.5, MW3.1
GII 25 02:05:55.1, 0.8, 35.08N, 31.49E, h31km, MD3.9

ISC 25 02:05:53.2, 1.0, 35.12N, 0.02, 31.54E, 0.04, h31km, gkm,
n76, n087/105, Cyprus region

Code Station Name Az Az' Phase ID Time Res
PPCY Paphos 0.70 110 P P 02 06 06.7 -0.3
PPCY Paphos 0.70 110 P P 02 06 06.7 -0.3

GAZI Gazipasa 1.27 29 Op Pn 02 06 11.9 -3.0
GAZI Gazipasa 1.27 29 Op Pn 02 06 11.9 -3.0

GAZI Gazipasa 1.27 29 Op Pn 02 06 11.9 -3.0
GAZI Gazipasa 1.27 29 Op Pn 02 06 11.9 -3.0

CSS Prodhromos 2.4nm, 0.6s S Sn 02 06 36.0 +1.0
CSS Prodhromos 2.4nm, 0.6s S Sn 02 06 36.0 +1.0

IKL Isikil 2.07 57 Op Pn 02 06 25.6 -0.3
IKL Isikil 2.07 57 Op Pn 02 06 25.6 -0.3

KORT Korkueli 2.11 333 Op Pn 02 07 07.4 +1.1
KORT Korkueli 2.11 333 Op Pn 02 07 07.4 +1.1

KARA Karaisali 3.55 52 Op Pn 02 07 45.0 +3.0
KARA Karaisali 3.55 52 Op Pn 02 07 45.0 +3.0

KSDI Kefar Szold 3.92 118 Op Pn 02 07 34.7 +0.5
KSDI Kefar Szold 3.92 118 Op Pn 02 07 34.7 +0.5

KULA Kula-Manisa 4.10 327 Op Pn 02 07 36.4 +0.2
KULA Kula-Manisa 4.10 327 Op Pn 02 07 36.4 +0.2

RTMI Retamim 4.84 146 Op Pn 02 07 04.4 +0.4
RTMI Retamim 4.84 146 Op Pn 02 07 04.4 +0.4

ISCJB 25 02:13:37.0, 0.6, 16.11N, 0.08, 38.99E, 0.09, h10km,
mb3.9/8, Error ellipse: s-maj=13.8km s-min=8.9km
az=140.0

IDC 25 02:13:38.8, 0.5, 15.93N, 38.92E, h10km, mb4.0/1, Error
ellipse: s-maj=33.7km s-min=19.1km az=18.0

NEIC 25 02:13:40.1, 0.6, 16.14N, 38.74E, h10km, mb4.0/1, Error
ellipse: s-maj=15.4km s-min=12.2km az=196.0

ISC 25 02:13:39.0, 0.6, 16.11N, 0.05, 38.97E, 0.09, h10km, n28,
r142/33, mb3.9/8, Ethiopia

Code Station Name Az Az' Phase ID Time Res
ZUQR Zugar Island 4.22 119 Op Pn 02 14 40.4 -3.0
ZUQR Zugar Island 4.22 119 Op Pn 02 14 40.4 -3.0

TRBA Turbah 5.74 119 Op Pn 02 15 06.7 0.0
TRBA Turbah 5.74 119 Op Pn 02 15 06.7 0.0

ATD Arta Tunnel 5.91 140 Op Pn 02 15 09.8 +3.2
ATD Arta Tunnel 5.91 140 Op Pn 02 15 09.8 +3.2

TOAO Torodi Ar. Sit 36.15 270 Op P 02 20 41.5 -0.4
TOAO Torodi Ar. Sit 36.15 270 Op P 02 20 41.5 -0.4

MKAR Makanchi Array 47.10 40 P P 02 22 13.1 +2.0
MKAR Makanchi Array 47.10 40 P P 02 22 13.1 +2.0

MKAR Makanchi Array 47.10 40 P P 02 22 13.1 +2.0
HFS Hagfors 47.65 343 P P 02 22 14.1 -1.1

THE 25 02:21:40.8, 38.20N, 21.73E, h20km, 1km, ML3.1/4, Error
ellipse: s-maj=1.0km s-min=0.5km az=74.0

ATH 25 02:21:40.6, 38.22N, 21.71E, h21km, 1km, MD2.9/9
ISCJB 25 02:21:41.0, 4.0, 38.21N, 0.04, 21.72E, 0.04, h17km, 6km,
Error ellipse: s-maj=7.2km s-min=4.1km az=155.2

Code Station Name Az Az' Phase ID Time Res
UPR University Cam 0.09 44 Op Pn 02 21 47.8 +0.7

LAKA Lakka 0.21 85 P P 02 21 46.6 -0.5
LAKA Lakka 0.21 85 P P 02 21 46.6 -0.5

URS Riotos of Patr 0.25 230 Op Pn 02 21 49.7 -0.2
URS Riotos of Patr 0.25 230 Op Pn 02 21 49.7 -0.2

KALE Kalithea 0.38 63 P P 02 21 55.0 +0.5
KALE Kalithea 0.38 63 P P 02 21 55.0 +0.5

GOUR Gaura 0.57 119 Op Pn 02 21 55.6 -1.1
GOUR Gaura 0.57 119 Op Pn 02 21 55.6 -1.1

AGG Agios Georgios 0.94 31 P P 02 22 11.8 +0.7
AGG Agios Georgios 0.94 31 P P 02 22 11.8 +0.7

THE 25 02:22:24.7, 38.20N, 21.70E, h21km, 1km, ML3.5/3, Error
ellipse: s-maj=1.4km s-min=0.7km az=326.0

ISCJB 25 02:22:25.0, 4.0, 38.21N, 0.02, 21.70E, 0.03, h8km, 4km,
Error ellipse: s-maj=4.2km s-min=3.5km az=40.0

NEIC 25 02:22:25.0, 3.8, 24N, 21.67E, h12km, MD3.0, Error
ellipse: s-maj=6.8km s-min=5.8km az=125.0

Code Station Name Az Az' Phase ID Time Res
UPR University Cam 0.10 45 Op Pn 02 22 28.9 +0.5

LAKA Lakka 0.22 83 P P 02 22 30.2 -0.2
LAKA Lakka 0.22 83 P P 02 22 30.2 -0.2

URS Riotos of Patr 0.24 230 Op Pn 02 22 35.0 +1.0
URS Riotos of Patr 0.24 230 Op Pn 02 22 35.0 +1.0

AGG Agios Georgios 0.95 31 Op Pn 02 22 42.3 -1.8
AGG Agios Georgios 0.95 31 Op Pn 02 22 42.3 -1.8

VLX Vlachokerasia 1.00 147 Op Pn 02 22 58.7 +0.7
VLX Vlachokerasia 1.00 147 Op Pn 02 22 58.7 +0.7

ITM Ithomi 1.05 170 Op Pn 02 22 44.5 -1.5
ITM Ithomi 1.05 170 Op Pn 02 22 44.5 -1.5

DID Didima 1.41 120 Op Pn 02 22 51.8 +0.2
DID Didima 1.41 120 Op Pn 02 22 51.8 +0.2

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like NVAR, ELK, RLMT, N12A, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like T18A, Q22A, X14A, R21A, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like TWS1, TWS1, TWY, TWY, etc.

IDC 25 04:21:13.4-0.5, 19:17N:121:21'E, h0km, mb4.1/17, M1 3.8/12, ms1mx3.5/41, Error ellipse: s-maj=20.9km s-min=12.4km az=72.0

NEIC 25 04:21:18.2-1.8, 19:23N:121:24'E, h31km, 12km, mb4.4/22, Error ellipse: s-maj=8.7km s-min=5.6km az=84.0

MAN 25 04:21:19, 19:22N:121:27'E, h1km, mb5.2, ML4.1, MS4.3, Error ellipse: s-maj=1.9km s-min=1.3km az=113.0

DJA 25 04:21:20.8-0.4, 19:37N:121:24'E, h442km, mb4.1/10, Error ellipse: s-maj=1.9km s-min=1.3km az=113.0

ISL 25 04:21:20.8-0.4, 19:37N:121:24'E, h442km, mb4.1/10, Error ellipse: s-maj=1.9km s-min=1.3km az=113.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like PJP, BBP, SGCP, etc.

Table with columns: ANN, comp, pmax, smax, and various station names like ANapa, Eilat, AWB, etc.

Table with columns: VOY, CSNA, BADI, etc., and various station names like Vojsko, Conrad, etc.

Table with columns: PVCC, RETA, MCGM, etc., and various station names like Panska Ves, Reutte, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ECOG Cogollos-Vega, EBAN Banos Encina, PAB San Pablo, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LIC Lamto, SFJD Kampoerussaq, TLY Talaya, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MJAR Matsushiro Arr, MJAR Matsushiro Arr, EDM Edmonton, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like ATKA Atka Island, UNV Unalaska Valle, YKA Yellowknife Ar, etc.

IDC 25 06:47:55.3;4.2, 21.37N;144.30E, h170km, 87km, mb3.3/8, mb1 3.4/8, mb1mx3.2/3, mbtmp3.3/8, Error ellipse: s-maj=42.8km s-min=16.0km az=80.0, Mariana Islands region

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

DJA 25 07:07:51, 2.29S;97.94E, h30km, MLV3.7/4, Southwest of Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like SISI Saibi, PDSI Padang, PPI Padang Panjang, etc.

IDC 25 07:10:39.4;2.1, 21.98N;143.17E, h197km, 19km, mb3.5/8, mb1 3.7/9, mb1mx3.4/24, mbtmp3.6/9, Error ellipse: s-maj=26.0km s-min=14.6km az=91.0, Mariana Islands region

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

IDC 25 07:39:28.0;0.8, 65.60N;37.15W, h0km, mb3.7/9, mb1 3.9/14, mb1mx3.7/31, mbtmp3.8/14, ML3.0/4, MS3.2/7, MS1 3.2/7, ms1mx2.9/38, Error ellipse: s-maj=29.6km s-min=13.6km az=177.0

ISCJB 25 07:39:28.1;0.5, 65.91N;0.06;37.5W;0.1, h10km, mb3.9/17, MS3.3/5, Error ellipse: s-maj=6.5km s-min=5.5km az=177.0

CSEM 25 07:39:28.1;0.4, 65.84N;37.41W, h2km, mb4.1/6, Error ellipse: s-maj=16.8km s-min=10.3km az=170.0

OTT 25 07:39:29.0;0.8, 66.15N;36.89W, h18km, ML4.6/3, Eastern Greenland

NEIC 25 07:39:29.0;0.6, 65.87N;37.28W, h10km, mb4.1/8, Error ellipse: s-maj=15.7km s-min=8.9km az=50.0

ISC 25 07:39:30.2;0.5, 65.87N;0.06;37.5W;0.1, h10km, n65, s133/72, mb3.9/17, MS3.3/5, Eastern Kalaallit Nunaat

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like SCHQ Schefferville, SCHQ Schefferville, EKA Eskdalemuir Ar, etc.

ISCJB 25 08:07:42.3;7.2, 15.36S;173.00W, h0km, mb3.7/2, mb1 4.0/2, mb1mx3.5/17, mbtmp3.7/2, Error ellipse: s-maj=345.9km s-min=25.3km az=141.0, Samoa Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like AFU Afiamalu, AFI Afiamalu, WRA Warramunga Arr, etc.

NEIC 25 08:08:00, 22.90N;121.80E, h17km, Mw3.7 Best double couple: M4.55000;1014 NP1;253.00000;890.00000, lambda=150.00000, NP2;163.00000;860.00000, lambda=0.00000

IDC 25 08:08:00, 22.7;4.7, 22.79N;121.86E, h0km, mb3.7/3, mb1 3.9/5, mb1mx3.5/25, mbtmp3.9/5, ML3.5/2, Error ellipse: s-maj=99.6km s-min=30.8km az=170.0

NEIC 25 08:08:00, 22.2;0.5, 22.81N;121.80E, h4km, n11km, MG3.8(JMA), Error ellipse: s-maj=20.2km s-min=11.6km az=149.4

ISCJB 25 08:08:22.2;0.5, 22.84N;0.02;121.78E;0.02, h10km, 3km, mb3.6/3, Error ellipse: s-maj=2.9km s-min=2.2km az=149.4

TAP 25 08:08:24.0, 22.85N;121.64E, h12km, ML4.0, C JMA 25 08:08:25.1;0.2, 22.86N;121.76E, h6km, M3.8

ISC 25 08:08:22.1;0.4, 22.85N;0.01;121.76E;0.02, h6km, 2km, n88, c090/154, mb3.6/3, 6C-1D, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like CHKT Chengkung, CHKT Chengkung, TTN Taitung, etc.

NEIC 25 08:03:37.1, 51.50N;178.22W, h4km, mb3.7/4, ML4.1(AEIC), After AEIC

IDC 25 08:05:18.8;11.0, 54.70N;158.19W, h0km, mb3.3/4, mb1 3.7/4, mb1mx3.4/27, mbtmp3.3/4, Error ellipse: s-maj=192.3km s-min=60.3km az=86.0

ISC 25 08:03:42.6;1.5, 51.61N;0.2;178.22W;0.2, h35km, n17, s119/19, mb3.4/5, Andreanof Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like GSTR Great Sitkin T, ATKA Atka Island, UNV Saint Paul Is, etc.

ISCJB 25 08:05:20.8;0.9, 41.06N;0.03;43.92E;0.04, h0km, 8km, Error ellipse: s-maj=6.3km s-min=4.8km az=137.4

CSEM 25 08:05:21.6;0.3, 41.03N;43.91E, h5km, ML2.7, Error ellipse: s-maj=9.3km s-min=4.7km az=26.0

ISK 25 08:05:22.9, 40.99N;43.83E, h16km, ML2.7

DDA 25 08:05:32.5, 41.84N;41.08E, h21km, MD3.0

ISC 25 08:05:21.6;0.8, 41.06N;0.04;43.92E;0.05, h5km, 6km, n16, c037/27, Turkey-Georgia-Armenia border region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like AFU Afiamalu, AFI Afiamalu, WRA Warramunga Arr, etc.

NEIC 25 08:08:22.2;0.5, 22.84N;0.02;121.78E;0.02, h10km, 3km, mb3.6/3, Error ellipse: s-maj=2.9km s-min=2.2km az=149.4

TAP 25 08:08:24.0, 22.85N;121.64E, h12km, ML4.0, C JMA 25 08:08:25.1;0.2, 22.86N;121.76E, h6km, M3.8

ISC 25 08:08:22.1;0.4, 22.85N;0.01;121.76E;0.02, h6km, 2km, n88, c090/154, mb3.6/3, 6C-1D, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like CHKT Chengkung, CHKT Chengkung, TTN Taitung, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like KAUS, WHF, TWP, WTK, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like SBL, SNU, RTR, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like CSEM, SUTC, SUTL, etc.

CASC 25 08:37.44.0.1, 12.92N, 90.26W, h8km, 19km, MD3.6, Off coast of central America

ISC 25 09:15:16.4, 37.98N, 30.92E, h19km, MD3.0

ISC 25 09:15:17.0, 0.2, 38.00N, 30.97E, h15km, MD3.0, Error ellipse: s-maj=6.7km, s-min=5.2km, az=68.0

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Charters Tower, CTCTA, CTAO, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CN2, WCN, GMR, etc.

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

Table with columns for station name, coordinates, time, and status. Includes stations like MDJ, JOW, CN2, SNY, KLR, SSE, BJI, TPUB, PETK, GUM, WHN, HHC, NRG, CLNS, XAN, and ENH.

Table with columns for station name, coordinates, time, and status. Includes stations like YAK, ULN, SONM, SEY, BOD, LZH, GYA, ZAK, CD2, QIZ, GTA, KMI, BILL, TIXI, CMAR, WMO, and URM.

Table with columns for station name, coordinates, time, and status. Includes stations like WMO, LSA, ZALV, TNA, SHL, NVS, MKAR, KAP, KURK, RAMN, JIRN, GUN, PKI, GKN, DANN, KOLN, KAKA, COEN, TKM2, PMR, MCK, MCK, KSH, FRU, AAK, AAK, AAK, COLA, COLA, COLA, UCH, BVAR, BVAR, EKS2, BRVK, BRVK, BRVK, AML, and DIV.

comp=Z:0.6nm,0.6s,mb3.5,baz=312,slow=4.9,SNR=16

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

IDC 25 12:25:57.8-10.0,31.32S:179.03W,h142km,102km, mb3.5/2,mb1 3.6/3,mb1mx3.4/14,mbtmp3.4/3, Error ellipse: s-maj=89.0km s-min=50.7km az=176.0, Kermedec Islands region

IDC 25 12:38:59.2-1.8,12.63N:86.49W,h0km,mb3.3/3, mb1 3.8/4,mb1mx3.6/20,mbtmp3.4/4,ML3.5/1, Error ellipse: s-maj=132.1km s-min=26.3km az=57.0, ISCJB 25 12:39:04.1-0.8,12.12N:0.09-86.9W:0.1,1.67km,9km, mb3.4/3, Error ellipse: s-maj=24.7km s-min=7.2km az=147.0

CASC 25 12:39:04.3-3.2,12.21N:86.91W,h74km,22km,MD4.0, ML2.9, ISC 25 12:39:05.1-0.8,12.15N:0.09-86.9W:0.1,h5km,9km,n26, c099/28,mb3.4/3,Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like COPN Copaltepe, MIRN Miramar, CNNG Cerro Negro, etc.

DDA 25 12:42:39.5,40.93N:31.74E,h7km,4km,MD2.9, ISCJB 25 12:42:41.3-0.6,40.89N:0.03-31.77E:0.04,h4km,7km, Error ellipse: s-maj=5.6km s-min=5.1km az=154.0, CSEM 25 12:42:41.3-0.4,40.91N:31.75E,h8km,MD2.9, Error ellipse: s-maj=10.4km s-min=10.7km az=166.0, ISC 25 12:42:41.2,40.86N:31.74E,h7km,MD2.8, ISC 25 12:42:41.8-0.6,40.87N:0.04-31.76E:0.04,h5km,6km, n19,c087/30,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SGKT Sivrigoyunuk, KDZE Karadeniz Ereo, MDU Mudurnu, etc.

DJA 25 12:45:33.2,23S:139.66E,h127km,MLV3.8/3,Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SMPJ Sarmi, JAY Jayapura, BAKI Biak, etc.

ISK 25 12:55:31.8,37.79N:29.27E,h8km,MD2.9, ISCJB 25 12:55:32.0-0.5,37.78N:0.02-29.29E:0.03,h5km,5km, Error ellipse: s-maj=4.5km s-min=3.7km az=9.8, CSEM 25 12:55:32.0-0.1,37.75N:29.29E,h8km,MD2.9, Error ellipse: s-maj=1.6km s-min=1.4km az=94.0, DDA 25 12:55:32.0-0.1,37.82N:29.26E,h7km,4km,MD2.8, ISC 25 12:55:32.7-0.4,37.78N:0.02-29.27E:0.04,h11km,4km, n36,c063/56,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DENT Denizli, DNZL Cakiroluk, KHL Karahalli, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GOLH Golhisar, KHAL Karahalli, GLHS Ghlisar, etc.

MAN 25 12:58:59.9,39N:125.75E,h5km,mb4.0,ML2.7,MS2.4, ID,Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BUTP Butuan, SCPH Surigao, MSLP Maasin, etc.

ATH 25 12:59:45.0,34.54N:23.44E,h15km,2km,MD3.5, NEIC 25 12:59:45.0,34.54N:23.44E,h15km,mb4.0/1, ML3.8(ATH),After ATH, ISCJB 25 12:59:46.9-0.8,34.47N:0.06-23.95E:0.06,h60km,6km, mb3.6/8, Error ellipse: s-maj=12.8km s-min=3.7km az=35.6, CSEM 25 12:59:47.1-0.4,34.46N:23.71E,h40km,MD3.8, Error ellipse: s-maj=11.6km s-min=8.0km az=21.0, IDC 25 12:59:49.2-2.9,34.57N:23.51E,h53km,30km,mb3.5/8, mb1 3.6/9,mb1mx3.4/27,mbtmp3.5/9,ML3.7/1,MS2.9/2, Ms1 2.9/2,ms1mx2.3/42, Error ellipse: s-maj=33.0km s-min=24.8km az=127.0, Gll 25 12:59:51.1-1.0,34.36N:24.49E,h5km,57km,MB4.1/9, MD3.9/9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GVD Gavdhos, KARN Karanos, KARN Karanos, etc.

ISC 25 12:59:48.4-0.7,34.49N:0.06-23.87E:0.06,h52km,7km, n74,c130/88,mb3.6/8,2D,Crete

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RTMI Retamim, MMLI Mount Malkishu, KSDI Kefar Szold, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DOU Dourbes, HFS Hagfors, FINS FINESS Array B, etc.

NINC 25 13:05:11.9-0.9,49.32N:75.97E,h0km,mb3.2,mpv2.8, Error ellipse: s-maj=7.9km s-min=6.4km az=0.0, ISCJB 25 13:05:12.2-0.5,49.28N:0.04-75.93E:0.05,h10km, Error ellipse: s-maj=5.9km s-min=4.7km az=33.5, NEIC 25 13:05:14.9-0.7,49.42N:76.17E,110km, Error ellipse: s-maj=11.4km s-min=8.5km az=221.0, IDC 25 13:05:14.2-1.2,49.46N:76.21E,h0km,mb1 3.3/3, mb1mx3.1/27,mbtmp3.3/3,ML3.1/3, Error ellipse: s-maj=17.0km s-min=9.2km az=34.0, ISC 25 13:05:14.6-0.5,49.33N:0.04-75.99E:0.06,h10km,n15, c1503/27,9C-7D,Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KURBB Kurchatov Arra, KURBK Kurchatov, KURK Kurchatov, etc.

MAC 25 13:05:48.4-0.7,34.49N:0.06-23.87E:0.06,h52km,7km, n74,c130/88,mb3.6/8,2D,Crete

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MK31 Makanchi Array, MK31 Makanchi Array, MK31 Makanchi Array, etc.

MAC 25 13:05:48.4-0.7,34.49N:0.06-23.87E:0.06,h52km,7km, n74,c130/88,mb3.6/8,2D,Crete

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BVA0 Borovoye Array, BVA0 Borovoye Array, BVA0 Borovoye Array, etc.

IDC 25 13:09:52.5-3.2,2.66S:140.93E,h0km,mb3.4/3, mb1 3.8/4,mb1mx3.6/15,mbtmp3.6/4,ML3.7/1, Error ellipse: s-maj=98.3km s-min=27.2km az=93.0,Near north coast of Irian Jaya

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

VIE 25 13:16:21.9-0.3,45.74N:11.72E,h10km,1km,mb2.3/12, ML2.9/4, Error ellipse: s-maj=1.9km s-min=0.8km az=32.0, 41 km SSE of Bajor, ISCJB 25 13:16:22.5-0.3,45.77N:0.02-11.72E:0.02,h5km,3km, Error ellipse: s-maj=3.2km s-min=2.6km az=163.4, ROM 25 13:16:23.9-0.2,45.75N:11.74E,h10km,MD2.7/11, ML2.9/9, Error ellipse: s-maj=4.3km s-min=2.3km az=171.0, NEIC 25 13:16:23.9,45.75N:11.74E,h10km,ML2.3(ROM),After ROM, NEIC Felt at Bassano del Grappa and Cassola, CSEM 25 13:16:23.0-0.1,45.78N:11.73E,h10km,ML3.2/11, Error ellipse: s-maj=2.6km s-min=2.0km az=159.0, PRI 25 13:16:25.5,45.84N:11.72E,h8km,ML1.6, GEN 25 13:16:25.2,44.72N:9.32E,h9km,ML1.6, ISC 25 13:16:23.0-0.3,45.76N:0.02-11.72E:0.02,h7km,3km, n87,c099/141,14C-19D,Northern Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CGRP Cima Grappa, MTLO Montello, VARN Col Vernada, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like FAU, CSO, MALNIS, CIMO, MAGA, ABTA, ZOU, PTCC, FURON, SABO, MDI, DRE, TRI, FETA, LSR, ACOM, WTTA, MYKA, MOTA, GRAM, KBA, SARO, RETA, SFI, DAVA, MAIM, SC2M, TRAV, KHC, KHC, KHC.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KHC, NKC, NKC, BUI, NEIC, IDC, ISC, DUA, Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KSRS, LSA, ODAN, TAPN, RAMN, GTA, JIRN, GUN, PKI, PKIN, KKN, GKN, KOLN, DANN, SONM, POO, PETK, MK31, MKAR, TKM2, AAK, ZAAO, ZALV, KURK, MAW, BVAR, TIXI, QSPA, ABKAR, AKTK, AKTO, YKA, PDAR, TXAR, TORO, TORO, TORO, PASO, SCHO, LVC, CPUP, LPAZ, LPAZ, LPAZ, ISK, ISC, CSEM, DDA, ISC, Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters.

1165

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ETOR, EARI, EMOS, BUI, ISCJB, NEIC, IDC, ISC, and various island and mountain stations.

2008 APR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CWC, P12A, ISA, R11A, P13A, L16A, MPMC, S11A, DUG, DUG, Q13A, M16A, SONM, R12A, P14A, S12A, T11A, PDAR, Q14A, R13A, GSC, K19A, S13A, Q15A, TUQ, T13A, TMUT, U13A, GMRC, Q16A, T14A, S15A, P18A, R16A, V13A, SRU, U14A, O19A, T15A, Q18A, R17A, MONP, W13A, P19A, U15A, V14A, O20A, S17A, N21A, R18A, Q19A, X13A, W14A, V15A, T17A, S18A, R19A, U16A, X14A, T18A, S19A, WUJAZ, Z13A, V17A, U18A, Q22A, T19A, S21A, U19A, Y17A, V20A, T22A, W20A, W12A, Y19A, X20A, I17A, X20A, I18A, X21A, Y20A, XAN, XAN, XAN.

25d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Z20A, LAZ, 120A, GTA, 124A, 125A, MNTX, 324A, 325A, 226A, 425A, 326A, ARCES, 526A, 627A, 428A, TXAR, 627A, 628A, MKAR, SCHO, GYA, BVAR, BVAR, NB2, NOA, CMAR, AKASG, WRAB, WRA, ASAR, STKA, STKA, DBIC, PLCA, PLCA, BOSHO, ISCJB, TAP, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC.

WMQ	Ururugi	97.93	3	eP	P	17 44 37.0	+2.8
CD2	Chengdu	110.06	349	eP	Pdfif	17 45 29.5	+1.3

IDC 25 17:38:35.4,0.5, 19:80N,121:37E,h0km,mb4.3/25,
 mb1 4.5/27,mb1mx4.4/32,mbtmp4.4/27,ML4.2/2,MS3.9/13,
 MS1 4.0/13,ms1mx3.7/31,Error ellipse: s-maj=16.2km
 s-min=1.8km az=66.0
 NEIC 25 17:38:37.7,2.3, 19:82N,121:35E,h16km,14km,mb4.8/39,
 MS4.2/1,Error ellipse: s-maj=5.9km s-min=5.1km az=88.0
 GCMT 25 17:38:37.0,4, 19:83N,121:17E,h26km,2km, MW4.9/56,
 Moment Tensor Solution. s1c15: s56,c87; Duration:
 Moment tensor: Scale 10¹⁶Nm; Mr1.16t.14;
 Mo0.66t.07; Mw-1.83t.11; Ms-1.05t.19; Mo-0.24t.05;
 Mv-2.01t.24; Best double couple: M2.76400x10¹⁶
 NP1.3636.00000*,s23.00000*,l42.00000*. NP2:
 o=207.00000*,s75.00000*,l108.00000*. Principal axes:
 T 2.5530,Plg57.0000*,AzM139.0000*; N 0.4150,
 Plg17.0000*,AzM22.0000*; P -2.9740,Plg28.0000*,
 AzM283.0000*; nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s.
 MOS 25 17:38:38.0,0.9, 19:81N,121:38E,h133km,mb4.9/28,
 MS4.1/11 Error ellipse: s-maj=10.1km s-min=6.0km
 az=116.4
 BUJ 25 17:38:39.4,20'01N,121:15E,h22km,mb4.7/16,mb4.5/30,
 ML4.0/3,MS4.2/29,MS7 4.1/26
 ISCJB 25 17:38:40.3,0.4, 19:93N,121:37E,0'03,h46km,4km,
 mb4.5/85,MS4.0/24,Error ellipse: s-maj=5.4km
 s-min=2.8km az=0.3
 MAN 25 17:38:45,19:64N,121:29E,h95km,mb5.8,ML4.8,MS5.3
 DJA 25 17:38:47,19:97N,121:31E,h86km,mb4.9/18
 ISC 25 17:38:42.1,0.3, 19:94N,121:38E,0'03,h45km,3km,
 h37km,3.6km,PP-P, n208, s1515/222,mb4.5/85,MS4.0/24,
 GC-6D,Philippine Islands region

Code	Station Name	A°	AZ°	Phase ID	ISC	Time	Res			
						h m s	ISC			
BBP	Basco	0.74	48	eP	Sn	17 39 06.3	0.0			
PIP	Paasuquin	1.76	204	iP	Pn	17 39 07.4	-2.8			
PIP				eS	Pn	17 39 30.0	+1.5			
SGCP	Mt. Cagua	1.80	160	eP	Pn	17 39 12.2	+1.4			
APYP	Conner	2.07	184	eP	Pn	17 39 15.8	+1.3			
ABRA	Dolores	2.37	196	eP	Pn	17 39 19.8	+1.3			
TWG	Pinlang	2.88	354	ePn	Pn	17 39 23.0	-2.6			
CAUP	Cauayan	3.01	172	eP	Pn	17 39 35.4	+8.1			
PALP	Palanan	3.03	161	eP	Pn	17 39 28.6	+0.9			
TPUB	Ta-pu	3.42	348	ePn	Pn	17 39 23.4	+9.5			
YULB	Yu-li	3.44	359	ePn	Pn	17 39 32.8	-0.4			
YULB				eSn	Pn	17 40 14.1	+1.5			
BCPH	Baguio City Da	3.62	192	iP	Pn	17 39 35.0	-0.7			
BOLP	Bolinao	3.81	202	eP	Pn	17 39 38.1	-0.2			
SSLB	Suanglung	3.85	354	ePn	Pn	17 39 38.2	-0.6			
BALP	Baler	4.18	177	eP	Pn	17 39 46.0	+2.5			
NACB	Ninganchiao	4.22	3 ePn	Pn	17 39 43.2	-0.7				
NACB				eSn	Pn	17 40 30.2	-1.6			
SCZP	Santa Cruz	4.37	199	eP	Pn	17 39 51.0	+4.9			
YHNB	Yeheng	4.71	360	ePn	Pn	17 39 51.1	+0.5			
YHNB				eSn	Pn	17 40 01.3	-1.7			
TATO	Taipei	5.01	1 ePn	Pn	17 39 54.5	-0.3				
TATO				63nm,0.7s						
TATO				eSn	Pn	17 40 47.6	-3.8			
POLP	Polilio Island	5.21	174	eP	Pn	17 39 58.6	+1.2			
OZH	Qanzhou	5.61	333	Pn	Pn	17 40 01.3	-1.7			
OZH				Sm	Pn	17 41 00.0	-6.1			
OZH				comp=N,100nm,0.6s						
OZH				comp=E,150nm,0.7s						
OZH				comp=N,2um,16.3s						
OZH				comp=E,1um,7.1s						
OZH				comp=Z,3um,20.2s						
TGY	Tagaytay City	5.82	184	Pn	Pn	17 40 07.3	+1.3			
TGY				4.2,6nm,0.3s,baz=17,slow=16,SNR=4.9						
TGY				comp=Z,13nm,0.3s,baz=165,slow=5,SNR=3.0						
GQP	Guinayangan	6.09	170	eP	Pn	17 40 09.6	0.0			
GQP				eS	Pn	17 41 17.2	-0.8			
LUBP	Lubang	6.27	190	eP	Pn	17 40 15.2	+3.1			
BOAC	Boac	6.46	176	eP	Pn	17 40 15.2	+0.5			
PVCP	Virac	6.84	157	eP	Pn	17 40 21.7	+1.7			
SJMP	San Jose	7.44	182	eP	Pn	17 40 29.5	+1.3			
BUSP	Coron	7.97	188	eP	Pn	17 40 36.1	+0.6			
GZH	Guangzhou	8.11	294	S	Pn	17 40 32.3	-1.1			
GZH				Sm	Pn	17 41 55.5	-12			
GZH				comp=N,88nm,0.7s						
GNP				Sm	Pn					
GNP				comp=E,66nm,0.8s						
ENZH	Ei Nido	8.89	193	eP	Pn	17 40 47.6	-0.4			
JOW	Kunigami	9.33	41	Pn	Pn	17 40 53.9	-0.1			
JOW				comp=E,5.9nm,0.3s,baz=209,slow=14,SNR=32						
JOW				Sn	Pn	17 42 36.4	-1.2			
JOW				comp=E,1.3nm,0.3s,baz=279,slow=30,SNR=2.5						
JOW				LR		17 44 39.0				
MSLP	Maasin	10.31	161	eP	Pn	17 41 10.8	+3.3			
QIZ	Qiongzong	10.92	267	P	Pn	17 41 12.0	-3.9			
QIZ				S	Pn	17 43 19.0	+2.2			
QIZ				LR						
QIZ				comp=N,740nm,14.8s						
QIZ				LR						
QIZ				comp=E,500nm,14.8s						
QIZ				comp=Z,1um,15.6s						
QIZ				Qiongzong	10.92	267	ePn	Pn	17 41 11.9	-4.0
QIZ				comp=Z,31nm,0.8s						
SSE	Sheshan	11.11	359	eSn	Pn	17 43 10.4	-6.4			
SSE				S	Pn	17 41 16.1	+1.8			
SSE				Sm	Pn	17 43 23.0	+1.8			
SSE				comp=Z,23nm,0.7s						
SSE				comp=Z,70nm,4.0s						
SSE				comp=N,410nm,16.8s						
SSE				comp=E,620nm,16.8s						
SSE				comp=Z,580nm,17.4s						
NJ2	Nanjing	12.27	350	eP	Pn	17 41 38.0	+3.8			
NJ2				pP	Pn	17 41 42.5				
NJ2				sP	Pn	17 41 46.0				
NJ2				PP	Pn	17 41 48.5				
NJ2				S	Pn	17 43 58.5	+8.9			
NJ2				Sm	Pn					
NJ2				comp=Z,10.0nm,0.7s						
NJ2				comp=Z,200nm,6.7s						
NJ2				comp=N,620nm,16.6s						
NJ2				comp=E,640nm,23.3s						
NJ2				comp=Z,790nm,17.1s						
WHN	Wuhan	12.32	330	P	Pn	17 41 35.3	+0.4			
WHN				S	Pn	17 43 54.0	+3.1			
WHN				LR						
WHN				comp=N,2um,16.7s						
WHN				comp=E,2um,16.5s						
WHN				comp=Z,2um,18.2s						
DAV	Davao City (W)	13.43	162	LR		17 47 38.9				
ENH	Enshi	14.88	316	ePn	Pn	17 42 06.9	-2.8			
ENH				comp=Z,67nm,1.7s						
TSM	Tawau	15.93	193	P	Pn	17 42 22.3	-0.9			
XAN	Xi'an	17.88	324	pP	Pn	17 42 46.5	-1.0			
XAN				pP	Pn	17 42 54.0	-4.4			
XAN				sP	Pn	17 42 59.0	-5.1			
XAN				comp=Z,4.0nm,1.3s						
XAN				comp=N,480nm,14.2s						
XAN				comp=E,110nm,14.6s						
XAN				comp=Z,220nm,13.5s						

KMI	Kunming	17.97	290	P	Pn	17 42 48.0	-0.7
KMI				pP	Pn	17 42 55.5	-4.0
KMI				sP	Pn	17 42 57.8	-7.4
KMI				S	Pn	17 43 01.5	
KMI				Sm	Pn	17 43 51.8	-2.1
KMI				comp=Z,11nm,1.6s			
KMI				LR	LR		
KMI				comp=N,470nm,14.7s			
KMI				comp=E,650nm,18.0s			
KMI				comp=Z,770nm,13.1s			
KSRS	Korea Arr	18.36	17	P	Pn	17 42 53.7	+0.4
KSRS				comp=Z,0.7nm,0.3s,baz=193,slow=11,SNR=16			
KSRS				LR	LR	17 51 06.6	
KSRS				comp=Z,273nm,19.5s,baz=239,slow=41			
TIY	Taiyuan	19.35	338	eP	Pn	17 43 05.5	+0.3
TIY				S	Pn	17 46 36.0	-4.3
TIY				comp=N,560nm,9.3s			
TIY				LR	LR		
TIY				comp=E,290nm,12.7s			
TIY				comp=Z,880nm,15.8s			
BJT	Baijiatuu	20.50	349	eP	Pn	17 43 15.3	-1.0
BJT				comp=Z,39nm,0.5s			
BJT				comp=Z,39nm,0.5s			
BJT				comp=Z,42nm,1.0s			
BJT				comp=Z,180nm,4.7s			
BJT				comp=N,480nm,12.6s,MS4.1			
BJT				comp=E,160nm,13.4s,MS4.1			
BJT				LR	LR		
BJT				comp=Z,370nm,25.1s			
NST	Nakhon Sawan	20.67	262	P	P	17 43 09.3	-9.0
NST				comp=Z,3.0nm,0.3s,baz=193,slow=11,SNR=16			
NST				LR	LR	17 49 59.2	
NST				comp=Z,210nm,21.1s,MS3.5,baz=269,slow=32			
CHTO	Chiang Mai	21.20	271	eP	Pn	17 43 23.5	-0.5
CHTO				comp=Z,38nm,1.4s,mb4.5			
CHTO				comp=Z,38nm,1.4s,mb4.5			
CM31	Chiang Mai Arr	21.25	270	eP	Pn	17 43 23.5	-1.1
CM31				comp=Z,7.5nm,0.9s,mb4.0			
CMAR	Chiang Mai Arr	21.25	270	P	P	17 43 24.5	0.0
CMAR				comp=Z,4.2nm,0.8s,mb3.8,baz=75,slow=8.9,SNR=30			
CMAR				comp=Z,1.3nm,0.8s,baz=36,slow=0.8,SNR=8.9			
CMAR				LR	LR	17 52 47.1	
KSM	Kuching	21.31	212	P	P	17 43 24.9	-0.4
KSM				comp=Z,19nm,0.6s,mb4.6			
KSM				comp=Z,19nm,0.6s,mb4.6			
BMD	Bhumibol Dam	21.38	266	P	P	17 43 26.0	0.0
MAJO	Matsushiro	22.15	38	eP	Pn	17 43 33.1	-1.0
MAT	Matsushiro	22.15	38	P	P	17 43 35.4	+1.3
MJAR	Matsushiro Arr	22.15	38	P	P	17 43 35.2	+1.1
MJAR				comp=Z,6nm,0.9s,mb3.7,baz=228,slow=7.2,SNR=6.6			
LZH	Lanzhou	22.27	320	iP	Pn	17 43 36.3	+1.0
LZH				pP	Pn	17 43 45.3	
LZH				sP	Pn	17 43 50.0	-1.9
LZH				S	Pn	17 47 38.0	+0.1
LZH				SS	Pn	17 48 15.0	
LZH				comp=Z,56nm,1.5s,mb4.8			
LZH				comp=Z,180nm,4.7s			
LZH				comp=N,770nm,13.1s			
LZH				comp=Z,950nm,14.5s,MS4.3			
BTO	Baotou	22.77	337	eP	Pn	17 43 39.3	-1.3
GUMO	Guam	23.34	102	P	P	17 43 45.4	-1.4
GUMO				comp=Z,67nm,0.9s,mb5.1			
GUMO				comp=Z,43nm,0.6s,mb5.0,baz=225,slow=8.6,SNR=2.4			
GUMO				comp=Z,449nm,18.1s,MS4.0,baz=264,slow=36			
GUMO				comp=Z,67nm,0.9s,mb5.1			
KAPI	Kappang	24.85	184	P	P	17 43 45.0	-1.5
KAPI				comp=Z,12nm,0.7s,mb4.5,baz=335,slow=12,SNR=5.8			
KULM	Kulim	24.88	237	eP	Pn	17 43 59.3	-1.6
KULM				comp=Z,290nm,18.3s,MS3.8,baz=4.3,slow=38			
KULM				comp=Z,13nm,1.1s,mb4.4			
KGM	Kluang	25.08	227	P	P	17 44 02.7	0.0
IPM	Ipo	25.09	235	P	P	17 44 02.7	0.0
GTA	Gaotai	26.85	321	eP	Pn	17 44 28.3	-3.6
GTA				pP	Pn	17 44 3	

Table with columns: Station Name, Time, Res, ISC, Phase ID. Includes stations like NB2 NORSAR Subarra, NOA NORSAR Array B, NOA NORSAR Array A, etc.

MOS 25:18:03.41.2.2, 52.28N, 164.52W, h22km, mb4.9/63, Error ellipse: s-maj=9.20km, s-min=4.5km, az=90.0, IDC 25:18:03.41.3.0.6, 52.23N, 164.56W, h0km, mb4.4/35, mb1 4.5/35, mb1mx4.5/39, mbmp4.4/35, MS3.6/10, Ms1 3.6/10, ms1mx3.2/47, Error ellipse: s-maj=18.0km s-min=10.2km az=179.0, NEIC 25:18:03.41.4.2, 52.28N, 164.41W, h10km, mb4.6/96, MS4.1/2, ML4.3(AEIC), Alter AEIC, ISCJB 25:18:03.42.0.1, 52.29N, 164.51W, h0km, h10km, mb4.6/154, MS3.9/20, Error ellipse: s-maj=0.4, 4km s-min=2.0km az=21.7, BUJ 25:18:03.43.7.2, 52.75N, 165.07W, h10km, mb5.1/17, mb4.7/27, MS4.6/10, Ms7.4/5/12, SZGRF 25:18:03.48.7.2, 52.25N, 163.97W, h31km, mb4.7, MS4.3, South of Alaska, ISC 25:18:03.43.0.1.3, 52.40N, 164.54W, h0km, h5km, mb2.7km, h23km, 3.1km, pP, n603, 05/68/608, mb4.6/4.54, MS3.8/20, 142C-146D, South of Alaska

Main station list table with columns: Code, Station Name, Time, Res, ISC, Phase ID. Includes stations like UNV Unalaska Valle, AKUT Akutan, AKLV Akutan Long Va, etc.

Main station list table with columns: Station Name, Time, Res, ISC, Phase ID. Includes stations like D06A Cle Elum, A08A Turner Farm, E06A Yakima, etc.

Main station list table with columns: Station Name, Time, Res, ISC, Phase ID. Includes stations like D16A Dana Ranch, L11A Cat Creek Ranch, F15A Butte, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like KURK Kurchatov, ENH Enshi, JOF Joensuu, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like AKASG Malin Array Be, KIEV Kiev, KIEV Collm, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like HINZF Hinterfeld, HINZF Hintersfeld, PSZ Piskzesteto, etc.

UPP 25 18:06:03.9, 57.57N; 10.43E, h0km, ML2.5, Suspected Mining explosion.
NEIC 25 18:06:03.9, 57.57N; 10.43E, h0km, ML2.1 (NAO), ML2.5 (UPP), After UPP.
ISCJB 25 18:06:04.2, 0.6, 57.72N; 10.04; 10.56E; 0.05, h0km, Error ellipse: s-maj=6.2km s-min=4.0km az=14.2
CSEM 25 18:06:05.0, 0.2, 57.67N; 10.57E, h1km, ML2.5, Error ellipse: s-maj=5.4km s-min=2.5km az=21.0, Suspected Mining explosion.
NAO 25 18:06:06.9, 1.1, 57.75N; 10.50E, ML2.1
BER 25 18:06:07.5, 3.3, 57.65N; 10.65E, h10km, MD2.6, ML1.7, ML2.1 (NAO)
IDC 25 18:06:09.8, 2.0, 57.97N; 10.48E, h0km, mb1 3.5/3, mb1mx3.1/25, mbimp3.4/3, ML2.7/4, Error ellipse: s-maj=16.3km s-min=14.4km az=91.0
ISC 25 18:06:04.9, 0.6, 57.68N; 10.04; 10.58E; 0.05, h0km, n49, 0.889/73, Denmark
Code Station Name A° AZ° Phase ID Time Res
ICB Streamstad 1.40 13 P Op ISB h m s ISB
STRU 18 06 32.1 +0.5
S TRU 18 06 51.0 +1.2
NASU Vaermlandsnaes 1.86 47 P S Sg 18 06 38.8 +0.6
SNART Snartemo 1.91 292 E P Pn 18 06 38.9 +0.2
SNART 18 06 41.4 -0.1
SNART 18 07 03.7 +0.3
SNART 18 07 08.8

Table with columns: KONO, comp-Z, 19nm, 0.3s, 2.04 346 eP, Pn, 18 06 40.7 +0.3, etc.

ICD 25 18:16:09.4, 1.6, 36:27N, 142:07E, h0km, mb3.7/7, mb1.3/7.10, mb1mx3.6/28, mbtmp3.7/10, ML3.4/3, Error ellipse: s-maj=59.9km s-min=23.0km az=89.9

Table with columns: CHOD, Chosi, 1.06 235 P, Pn, 18 16 28.7 0.0, etc.

Table with columns: ENH, Enshi, 27.70 267 P, P, 18 21 55.3 -0.3, etc.

ISC 25 18:20:32.9, 2.1, 32:85N, 85:28E, h0km, mb3.1/3, mb1.3/5, mb1mx3.2/26, mbtmp3.2/5, ML3.0/2, Error ellipse: s-maj=57.0km s-min=31.4km az=57.0

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

MOS 25 18:22:56.6, 1.1, 15:81S, 175:08W, h283km, mb5.1/44, Error ellipse: s-maj=10.5km s-min=7.1km az=51.1

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

ICD 25 18:22:57.7, 0.2, 15:93S, 0:05, 175:18W, 0.14, h299km, mb5.0/167, Error ellipse: s-maj=7.5km s-min=3.0km az=152.6

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

NEIC 25 18:22:59.6, 1.6, 01:06S, 175:03W, mb5.1/135 Error ellipse: s-maj=6.8km s-min=3.6km az=151.0

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

Table with columns: CTAO, Charters Tower, 36.87 258 eP, P, 18 29 39.6 -0.2, etc.

ISC 25 18:20:36.8, 1.8, 32:91N, 0:18, 82:55E, 0.2, h38km, mb26km, mb3.1/3, Error ellipse: s-maj=25.9km s-min=15.4km az=162.1

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

GCMT 25 18:22:58.7, 0.2, 15:96S, 174:87W, h326km, 1km, MW5.4/82, Moment Tensor Solution, s82,c134, Duration: 1s2, Moment tensor: Scale 10^17Nm, Mm-0.51+-0.03, M00:0.60E, M00:0.09E-05, M00:0.29E-04; M00:0.69E-04; M00:1.7E-04; Best double couple: M01:49900x10^17, M02:94.00000x, 0.32.00000x, 1.22.00000x, NIP2:202.00000, 0.79.00000, 1.21.00000. Principal axes: T:4830, P:427.00000, Azm316.00000; N:0.0330, Azm209.00000; P:-1.5150, P:47.00000, Azm80.00000; nst1 refers to body waves, cutoff=40s.

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

SZGRF 25 18:22:59.6, 1.6, 16:27S, 174:32W, h321km, Tonga Islands ICD 25 18:22:59.7, 0.8, 15:86S, 175:14W, h309km, 6km, mb4.5/30, mb1.4/32, mb1mx4.5/33, mbtmp4.4/32, Error ellipse: s-maj=11.1km s-min=6.7km az=145.0

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

ICD 25 18:22:59.6, 1.6, 16:27S, 174:32W, h321km, Tonga Islands ICD 25 18:22:59.7, 0.8, 15:86S, 175:14W, h309km, 6km, mb4.5/30, mb1.4/32, mb1mx4.5/33, mbtmp4.4/32, Error ellipse: s-maj=11.1km s-min=6.7km az=145.0

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like ISA Isabella, CMB Columbia Colle, WDC Whiskeytown Da, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like R11A Troy Canyon, B11A Battle Mountai, BMN Battle Mountai, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like PGC Sidney, L10A Juniper Basin, 219A White Tail Can, etc.

25d 18h

2008 APR

1176

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like H10A Noah's Angus R, DIV Divide, K12A Draper Farm, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like TNA Kantishna Hill, KTH Kantishna Hill, P17A Butter Ranch, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like J16A Bone, MCMT McKenzie Canyon, H15A Lima, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like San Vicente, Las Brisas, El Faro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Anshuo, Fanciou, Taitung, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Banda Aceh, Lhok Samawe, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Anshuo, Fanciou, Taitung, etc.

Table with columns: WRA, Warramunga Arr, 44.50 260 P, 19 04 58.1 -0.4

ISCJB 25 19:07:12.0, 0.4, 35.60N, 0.05:81.48E, 10.0, h10km, mb3.3/6, Error ellipse: s-maj=12.4km s-min=4.8km az=155.8

NEIC 25 19:07:14.0, 1.1, 35.53N, 81.68E, h11km, ML4.0/6, BJJ 25 19:07:14.0, 1.1, 35.72N, 81.79E, h0km, mb3.4/6, mb1 3.6/10, mb1mx3.4/28, mbtmp3.5/10, ML3.2/4, MS2.6/1, Ms1 2.6/1, ms1mx2.2/24, Error ellipse: s-maj=35.5km s-min=17.1km az=57.0

ISC 25 19:07:14.6, 0.4, 35.67N, 0.04:81.60E, 0.09, h10km, n33, c1523/37, mb3.3/6, 3C-2D, Southern Xinjiang

Main table for Warramunga Arr region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res

ISC 25 19:12:01.1, 3.2, 33.42S, 178.67W, h0km, mb3.5/2, mb1 3.8/3, mb1mx3.7/15, mbtmp3.6/3, ML4.0/1, Error ellipse: s-maj=73.8km s-min=46.6km az=121.0, South of Kermadec Islands

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

ISC 25 19:21:56.9, 3.9, 19.29N, 147.48E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.4/21, mbtmp3.7/4, Error ellipse: s-maj=157.1km s-min=30.5km az=84.0, Mariana Islands region

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

ISC 25 19:59:30.0, 1.4, 40.93N, 72.63E, h0km, mb3.7/4, mb1 3.6/8, mb1mx3.4/28, mbtmp3.5/8, ML3.3/4, Error ellipse: s-maj=24.2km s-min=10.9km az=147.0

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

Main table for Kyrgyzstan region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res

CASC 25 20:23:07.7, 1.7, 13.45N, 90.78W, h20km, 6km, MD3.5, 2D, Near coast of Guatemala

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

ISC 25 20:41:28.0, 7.2, 0, 18.23S, 166.09E, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.7/15, mbtmp3.8/3, Error ellipse: s-maj=1207.0km s-min=112.7km az=72.0

ISC 25 20:41:17.3, 5.7, 20.40S, 0.5:168.4E, 0.8, h35km, n5, c0767/4, mb3.8/2, Loyalty Islands

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

ATH 25 20:42:03.7, 35.64N, 21.11E, h36km, 26km, MD3.6/4, ISCJB 25 20:42:05.1, 1.6, 35.69N, 0.08:21.30E, 0.08, h9km, 16km, Error ellipse: s-maj=13.6km s-min=10.0km az=18.1

CSEM 25 20:42:05.7, 0.6, 35.73N, 21.40E, h2km, ML3.8/2, Error ellipse: s-maj=1.4km s-min=0.3km az=17.0

THE 25 20:42:06.7, 35.74N, 21.39E, h6km, 2km, ML3.8/2, Error ellipse: s-maj=7.1km s-min=2.2km az=261.0

NEIC 25 20:42:07.0, 35.65N, 21.34E, h10km, ML3.3(ATH), After ATH

ISC 25 20:42:05.8, 1.4, 35.71N, 0.06:21.39E, 0.08, h4km, 8km, n42, c096/56, Central Mediterranean Sea

Main table for Mediterranean Sea region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res

ISCJB 25 20:46:15.1, 0.8, 6.33N, 0.06:95.34E, 0.05, h207km, 8km, mb3.9/26, Error ellipse: s-maj=10.2km s-min=7.1km az=41.3

IDC 25 20:46:15.6, 2.4, 6.35N, 95.35E, h198km, 23km, mb3.7/14, mb1 3.8/16, mb1mx3.6/26, mbtmp3.7/16, MS3.1/2, Ms1 3.1/2, ms1mx2.6/30, Error ellipse: s-maj=20.9km s-min=10.0km az=55.0

NEIC 25 20:46:17.3, 0.9, 6.39N, 95.49E, h212km, 9km, mb4.2/15, Error ellipse: s-maj=10.4km s-min=7.0km az=58.0

DJA 25 20:46:18.6, 0.8, 6.08N, 95.33E, h163km, mb4.8/21, ISC 25 20:46:16.3, 0.9, 6.35N, 0.06:95.38E, 0.07, h201km, 9km, n53, c098/54, mb3.9/2, 1C, Nicobar Islands region

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

CM31 Chiang Mai Arr 12.53 16 P 20 49 09.1 +1.2

CHTO Chiang Mai 12.87 15 eP 20 49 10.6 -1.5

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

ASAR Alice Springs 49.30 46 LR 21 16 33.0

ZALV Zalesovo Beam 48.22 352 pP 20 55 20.8 +0.2

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

Table with columns: OPO, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Ambohdatompo, Charters Tower, CTA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like The Paps, Puysegur Point, Canberra Hills, etc.

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

NIED 25:20:49.00, 40.70N, 141.50E, h99km, Mw3.7 Best double couple: M3.54000;1014 NP1.327.00000;382.00000;1.58.00000; NP2.369.00000;333.00000;1.166.00000;

ISCJB 25:20:49.30, 40.74N, 141.50E, h100km, mb3.9/1, Error ellipse: s-maj=7.3km s-min=4.2km az=20.9

MOS 25:20:49:30.2, 1.40.78N, 141.29E, h100km, mb3.9/1, Error ellipse: s-maj=18.3km s-min=9.8km az=70.8

JMA 25:20:49:30.3, 1.40.72N, 141.46E, h95km, 1km, M3.6 JMA Fell II J1

NEIC 25:20:49:30.0, 0.6, 40.86N, 141.36E, h94km, 8km, MG3.6(JMA), Error ellipse: s-maj=14.2km s-min=7.6km az=122.0

IDC 25:20:49:31.3, 2.2, 40.83N, 141.35E, h98km, 18km, mb3.6/8, mb1.3/6.10, mb1mx3.4, mbtmp3.5/10, Error ellipse: s-maj=63.7km s-min=15.5km az=120.0

ISC 25:20:49:30.4, 0.4, 40.74N, 141.50E, h94km, 2km, n39, e0.67/53, mb4.4/15, Near east coast of eastern Honshu

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

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

ISCJB 25:20:53:58.3, 1.0, 22.77N, 121.78E, h15km, 7km, Error ellipse: s-maj=3.9km s-min=2.9km az=158.4

TAP 25:20:53:58.8, 22.79N, 121.73E, h14km, ML3.2, C JMA 25:20:54:00.3, 0.6, 22.83N, 122.13E, h0km, M2.6

ISC 25:20:53:57.3, 0.5, 22.78N, 121.78E, h8km, 3km, n44, e0.85/73, Taiwan region

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

ISCJB 25:20:50:17.5, 5.2, 55.32S, 0.06, 158.8E, 0.2, h2km, 34km, mb4.8/22, MS3.9/10, Error ellipse: s-maj=16.2km s-min=9.0km az=167.9

IDC 25:20:50:18.4, 0.6, 55.37S, 158.71E, h0km, mb4.6/12, mb1.4/7.13, mb1mx4.6/16, mbtmp4.6/13, ML3.6/11, MS3.9/11, Ms1.3/9.11, ms1mx3.8/17, Error ellipse: s-maj=23.5km s-min=15.5km az=79.0

NEIC 25:20:50:21.0, 5.2, 55.30S, 158.56E, h18km, 31km, mb4.9/11, Error ellipse: s-maj=15.6km s-min=11.6km az=74.0

DJA 25:20:50:24.5, 5.12S, 159.54E, h32km, mb5.1/18

ISC 25:20:50:23.9, 5.3, 55.29S, 0.05, 158.8E, 0.1, h34km, 26km, n107, e0.99/57, mb4.8/12, MS3.9/10, 10C-5D, Macquarie Island region

AKASG Malin Array Be 149.83 283 PKPbc PKPbc 21 10 08.1 -1.2

AKASG Malin Array Be 149.83 283 PKPbc PKPbc 21 10 08.1 -1.1

AKASG Malin Array Be 149.83 283 PKPbc PKPbc 21 10 08.1 -1.0

AKASG Malin Array Be 149.83 283 PKPbc PKPbc 21 10 08.1 -0.9

AKASG Malin Array Be 149.83 283 PKPbc PKPbc 21 10 08.1 -0.8

AKASG Malin Array Be 149.83 283 PKPbc PKPbc 21 10 08.1 -1.1

AKASG Malin Array Be 149.83 283 PKPbc PKPbc 21 10 08.1 -1.0

AKASG Malin Array Be 149.83 283 PKPbc PKPbc 21 10 08.1 -0.9

AKASG Malin Array Be 149.83 283 PKPbc PKPbc 21 10 08.1 -0.8

AKASG Malin Array Be 149.83 283 PKPbc PKPbc 21 10 08.1 -0.7

26d Oh

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SUMG Summit, WRB Warramunga Arr, WRAB Tennant Creek, etc.

IDC 25 23:37:14.0-15.0,37.56N-130.14E, h0km, mb3.6/5, mb1 3.7/5, mb1mx3.4/2m, bmtmp3.6/5, Error ellipse: s-maj=403.8km s-min=40.2km az=175.0, Sea of Japan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, KURK Kurchatov, BVAR Borovoye Array, etc.

DJA 25 23:38:07.4, 92S x 103.30E, h74km, MLV3.8/7, Southern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MNAI Manna, LWLI Liwa, MDSI Maura Da, etc.

NIED 25 23:41:00.42, 80N, 139.20E, h8km, Mw3.5 Best double couple: M1: 920000, N1: 237.0000, S1: 877.0000, T1: 160.0000, N2: 146.0000, S2: 870.0000, T2: 3.0000

JMA 25 23:41:10.9-0.1, 42.84N-139.22E, h32km, 2km, M3.5, 2C-1D, Hokkaido region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JSH Shimam, JOSH Okushiri-Mats, JSK Shakotan, etc.

IDC 25 23:42:45.3-6.9, 2.49N, 124.50E, h387km, 80km, mb3.1/4, mb1 3.2/4, mb1mx2.8/2m, bmtmp3.1/4, Error ellipse: s-maj=106.7km s-min=21.1km az=69.0, Celebes Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Cross, WRA Warramunga Arr, MKAR Makanchi Array, etc.

ISCJB 25 23:45:34.0-0.5, 38.20N, 104.4-22W, h7km, 5km, Error ellipse: s-maj=7.5km s-min=4.1km az=9.6

CSEM 25 23:45:35.3-0.1, 38.16N, 4.20W, h10km, ML2.1/4, Error ellipse: s-maj=3.4km s-min=2.4km az=7.0

MDD 25 23:45:36.5-0.3, 38.14N, 4.18W, h7km, 5km, mLg1.7/8, Error ellipse: s-maj=3.9km s-min=2.0km az=3.0, PRIMMO

ISC 25 23:45:35.4-0.5, 38.16N, 0.04-20W, h10km, 10km, n35, 0.72/37, 1C, Spain

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EADA Adamuz, EADA, EBAN Banos Encina, etc.

2008 APR

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ECOG Cogollos-Vega, ECOG, EQUQ, EQUQ, EQUQ, etc.

IDC 25 23:56:34.5-1.0, 32.61N-85.21E, h0km, mb3.4/6, mb1 3.6/9, mb1mx3.4/2m, bmtmp3.4/9, ML3.5/3, Error ellipse: s-maj=32.0km s-min=20.9km az=62.0

NEIC 25 23:56:36.0-0.7, 32.64N, 85.16E, h10km, mb3.6/1, Error ellipse: s-maj=20.7km s-min=10.0km az=67.0

ISCJB 25 23:56:39.3-1.2, 32.85N, 0.06-85.2E, h40km, 17km, mb3.4/6, Error ellipse: s-maj=27.6km s-min=10.7km az=176.8

ISC 25 23:56:41.3-0.9, 32.85N, 0.05-85.3E, h21km, 13km, n20, 0.9/20, mb3.4/6, Xizang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DANN Dangsing, GKN Gorkha, GUN Gumba, etc.

ISCJB 26 00:02:49.8-1.1, 18.65N, 0.05-145.47E, 0.08, h239km, 10km, mb4.0/49, Error ellipse: s-maj=12.8km s-min=8.0km az=175.3

IDC 26 00:02:50.4-1.6, 18.67N, 145.53E, h232km, 16km, mb3.8/23, mb1 3.9/26, mb1mx3.9/30, bmtmp3.8/26, Error ellipse: s-maj=15.2km s-min=8.4km az=82.0

MOS 26 00:02:50.9-1.0, 18.64N, 145.44E, h25km, mb4.2/20, Error ellipse: s-maj=14.4km s-min=7.2km az=104.7

NEIC 26 00:02:51.0-0.9, 18.65N, 145.54E, h245km, 8km, mb4.1/25, Error ellipse: s-maj=7.7km s-min=4.7km az=83.0

ISC 26 00:02:51.2-1.2, 18.65N, 0.05-145.54E, 0.08, h240km, 11km, h242km, 5.0km, p-P, n98, 0.89/92/93, mb4.0/49, 1C-2D, Mariana Islands

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

1184

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

Table with columns: BOZ, Bozeman (W), 85.48, 43, eP, P, 00 15 02.9 +0.8. Includes various station codes and coordinates.

Table with columns: mb1 3.4/10, mb1mx3.3/28, mbtmp3.3/10, ML3.2/9, Error ellipse: s-maj=13.3km s-min=5.8km az=103.0. Includes station codes like KSP, Ksiaz, and coordinates.

Table with columns: Geres, comp=Z, 5.9nm, 0.3s, baz=30, slow=17, SNR=67. Includes station codes like Geres, Geres Array B, and coordinates.

Table with columns: NEIC 26 00:04:26.7, 0.16:35N:99:30W, h14km, MD3.5(MEX), After MEX. Includes station codes like ACX, Acapulco, and coordinates.

Table with columns: mb1 3.4/10, mb1mx3.3/28, mbtmp3.3/10, ML3.2/9, Error ellipse: s-maj=13.3km s-min=5.8km az=103.0. Includes station codes like GKP, Raciborz, and coordinates.

Table with columns: Geres, comp=Z, 3.2nm, 0.3s, baz=16, slow=21, SNR=6.5. Includes station codes like Geres, Geres Array B, and coordinates.

Table with columns: CSEM 26 00:13:34.1, 35:61N:21:16E, h45km, MD3.5, After ATH. Includes station codes like PVL, PYLOS, and coordinates.

Table with columns: mb1 3.4/10, mb1mx3.3/28, mbtmp3.3/10, ML3.2/9, Error ellipse: s-maj=13.3km s-min=5.8km az=103.0. Includes station codes like OKC, Ostrava-Krasne, and coordinates.

Table with columns: Geres, comp=Z, 0.2nm, 0.3s, baz=162, slow=15, SNR=9.8. Includes station codes like HFS, Hagfors, and coordinates.

Table with columns: NEIC 26 00:38:25.9, 15:92N:95:89W, h20km, MD4.0(MEX), After MEX. Includes station codes like HUIG, Huatulco, and coordinates.

Table with columns: mb1 3.4/10, mb1mx3.3/28, mbtmp3.3/10, ML3.2/9, Error ellipse: s-maj=13.3km s-min=5.8km az=103.0. Includes station codes like TANN, Tannenbergstha, and coordinates.

Table with columns: Geres, comp=Z, 0.2nm, 0.3s, baz=174, slow=28, SNR=3.3. Includes station codes like HFS, Hagfors, and coordinates.

Table with columns: NEIC 26 00:46:53.0, 51:50N:16:14E, h2km, ML3.6/10, Error ellipse: s-maj=2.0km s-min=1.8km az=164.7. Includes station codes like HUIG, Huatulco, and coordinates.

Table with columns: mb1 3.4/10, mb1mx3.3/28, mbtmp3.3/10, ML3.2/9, Error ellipse: s-maj=13.3km s-min=5.8km az=103.0. Includes station codes like NOV, Novy Kostel, and coordinates.

Table with columns: Geres, comp=Z, 0.2nm, 0.3s, baz=198, slow=12, SNR=11. Includes station codes like KEV, Kevo, and coordinates.

Table with columns: ISC/B 26 00:46:51.3, 0.2:51:51N:0:01:16:16E:0:02, h0km, Error ellipse: s-maj=2.0km s-min=1.8km az=164.7. Includes station codes like MOX, Moxa, and coordinates.

Table with columns: mb1 3.4/10, mb1mx3.3/28, mbtmp3.3/10, ML3.2/9, Error ellipse: s-maj=13.3km s-min=5.8km az=103.0. Includes station codes like MGBB, Grossbuechelbe, and coordinates.

Table with columns: SZGRF 26 00:56:40.6, 46:24N:153:28E, h33km, mb4.7, Kuril Islands, Russia. Includes station codes like NIED, NIED 26 00:57:25.0, and coordinates.

26d 3h

Table with columns: Station, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like MKAR, KURK, ABKAR, ARCES, FINES, INK, NB2, NOA, YKA.

SZGRF 26 03:06:48.6, 37:60N, 73:75E, h33km, mb5.1, Tajikistan
MOS 26 03:07:00.3, 1.0, 38:08N, 72:68E, h87km, mb1.93, Error ellipse: s-maj=6.9km s-min=3.4km az=129.4

ISCJB 26 03:07:01.4, 0.3, 38:07N, 0:02, 72:72E, 0:03, h101km, 3km, mb4.8/193, Error ellipse: s-maj=3.5km s-min=2.9km az=170.7
IDC 26 03:07:02.6, 2.5, 38:08N, 72:70E, h96km, 21km, mb4.3/21, mb1.4/425, mb1mx4, 3/33, mbtmp4, 3/25, MS2.9/2, Ms1.2.9/2, ms1mx2, 4/36, Error ellipse: s-maj=15.0km s-min=11.0km az=176.0

BUJ 26 03:07:03.3, 38:34N, 72:64E, h110km, mb4.8/114, mb4.8/23
NEIC 26 03:07:04.0, 4.0, 38:15N, 72:71E, h110km, 4km, mb4.8/131, Error ellipse: s-maj=6.3km s-min=3.8km az=166.0

NNC 26 03:07:04.2, 4.6, 38:79N, 72:69E, h0km, mb4.8, mpv4.6, Error ellipse: s-maj=51.3km s-min=21.5km az=32.0
BGS 26 03:07:09.0, 2.2, 38:16N, 71:54E, h93km, h4.6

ISC 26 03:07:03.5, 0.3, 38:09N, 0:02, 72:74E, 0:03, h104km, 3km, h112km, 3.5km, p-P, n523, e095/557, mb4.8/193, 32C-39D, Tajikistan

Main table for station data with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other parameters. Lists numerous stations and their characteristics.

2008 APR

Main table for station data with columns: Station, Frequency, Power, Azimuth, Elevation, and other parameters. Lists numerous stations and their characteristics.

1190

Main table for station data with columns: Station, Frequency, Power, Azimuth, Elevation, and other parameters. Lists numerous stations and their characteristics.

DRGR	37.38 300	↑P	P	03 14 07.0 +1.0	TRI Trieste	43.68 300	eP	P	03 14 57.5 -0.3	SBF Sospel	48.50 299	eP	P	03 15 35.7 0.0	
TRPA	Targa	37.40 302	↓P	P	03 14 06.8 +0.7	TRI Trieste	43.68 300	eP	P	03 14 57.5 -0.3	LPG La Plagne	48.51 301	eP	P	03 15 35.8 +0.1
QIZ	Qiongzhong	37.40 110	↓P	P	03 14 08.3 +1.8	TRI Trieste	43.68 300	eP	P	03 14 57.5 -0.3	LPG La Plagne	48.51 301	eP	P	03 15 35.8 +0.1
QIZ			S	P	03 19 47.0 -0.1	KBA Koelnbreinsper	43.70 302	eP	P	03 14 58.3 +0.3	LPG La Plagne	48.51 301	eP	P	03 15 35.8 +0.1
	comp=Z,120nm,3.9s		Pmax			TANN Tannenbergshta	43.74 307	eP	P	03 14 58.6 +0.3	LPG La Plagne	48.51 301	eP	P	03 15 35.8 +0.1
GZR	Gura Zlata	37.48 298	↓P	P	03 14 07.0 +0.1	TIXI Tiksi	43.78 22	iP	P	03 14 58.4 +0.1	LPL La Plagne	48.52 301	eP	P	03 15 35.8 0.0
GZR	Gura Zlata	37.48 298	↓P	P	03 14 07.7 +0.8	TIXI Tiksi	43.78 22	iP	P	03 14 58.4 +0.1	LPL La Plagne	48.52 301	eP	P	03 15 35.8 0.0
KOLS	Kolonickie sedl	37.53 303	iP	P	03 14 07.7 +0.4	PTCC Patocco-Chiuna	43.82 301	P	P	03 14 59.2 +0.2	RSL Roselend	48.54 301	eP	P	03 15 36.0 0.0
KOLS	comp=Z,15nm,1.1s,mb4.7		Pmax			SGO Sicignano	43.82 292	P	P	03 14 59.4 +0.3	GIVF Givet	48.62 307	eP	P	03 15 36.6 +0.1
KOLS	Kolonickie sedl	37.53 303	iP	P	03 14 07.7 +0.4	SGO Sicignano	43.82 292	P	P	03 14 59.4 +0.3	GIVF Givet	48.62 307	eP	P	03 15 36.6 +0.1
KOLS	comp=Z,14nm,1.1s,mb4.7		Pmax			CSSN Cassano Irpino	43.94 292	P	P	03 15 01.0 +0.9	GIVF Givet	48.62 307	eP	P	03 15 36.6 +0.1
KOLS			ePP	pP	03 14 28.1 -2.7	RJOB Joeheng	43.94 303	eP	P	03 14 59.2 +0.2	CABF La Chapelle	48.66 303	eP	P	03 15 36.4 -0.4
KOLS			ePP	pP	03 15 32.9 -2.9	NB2 NORRAR Subarra	43.97 322	P	P	03 14 59.3 -0.6	CABF La Chapelle	48.66 303	eP	P	03 15 36.4 -0.4
UZH	Uzhgorod	37.53 303	eP	P	03 14 07.0 -0.3	NOA NORRAR Array B	44.12 322	eP	P	03 14 59.4 -0.6	CABF La Chapelle	48.66 303	eP	P	03 15 36.4 -0.4
UZH			eP	pP	03 14 32.0 +1.2	ROTZ Rotzenmuhle	44.00 306	eP	P	03 15 01.2 +0.8	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
STHS	Stebnicka Huta	38.18 304	iP	P	03 14 12.7 0.0	NAO1 NORRAR Array S	44.12 322	eP	P	03 15 00.4 -0.7	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
STHS	comp=Z,9.0nm,0.7s,mb4.7		Pmax			OSL Oslo	44.18 320	eP	P	03 15 00.5 -1.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
STHS	Stebnicka Huta	38.18 304	iP	P	03 14 12.7 0.0	MOX Moxa	44.25 307	eP	P	03 15 02.9 +0.6	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
STHS	comp=Z,9.4nm,0.7s,mb4.7		Pmax			MOX Moxa	44.25 307	eP	P	03 15 02.9 +0.6	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
BZS	Buzias	38.26 298	↓P	P	03 14 14.4 +0.9	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
BZS	Buzias	38.26 298	↓P	P	03 14 14.4 +0.9	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
KECS	Kecevo	38.74 303	iP	P	03 14 17.9 +0.5	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
KECS	comp=Z,6.0nm,0.7s,mb4.5		Pmax			MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
KECS	Kecevo	38.74 303	iP	P	03 14 17.9 +0.5	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
KECS	Kecevo	38.74 303	iP	P	03 14 17.9 +0.5	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
KECS	comp=Z,5.7nm,0.7s,mb4.5		Pmax			MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
NIE	Niedzica	39.79 304	eP	P	03 14 19.0 +1.2	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
OJC	Ojcow	39.08 306	eP	P	03 14 20.3 +0.1	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
PSZ	Piszkesteto	39.18 302	eP	P	03 14 21.6 +0.5	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
PSZ	comp=Z,12nm,0.8s,mb4.8		Pmax			MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
PSZ	Piszkesteto	39.18 302	eP	P	03 14 22.0 +0.9	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
PSZ	Piszkesteto	39.18 302	eP	P	03 14 21.6 +0.5	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
PSZ	comp=Z,12nm,0.8s,mb4.8		Pmax			MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
KRUS	Krusevo	39.26 291	eP	P	03 14 21.5 -0.4	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
CN2	Changchun	39.65 65	eP	P	03 14 27.0 +1.9	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
CN2			eP	pP	03 14 52.5 +3.6	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
CN2			eS	pS	03 15 05.5 +4.8	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
CN2			eS	pS	03 20 21.0 +0.4	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
CN2	comp=Z,10.0nm,0.5s,mb4.9		Pmax			MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
CN2	comp=Z,200nm,3.0s		LR	LR		MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
CN2	comp=N,700nm,20.0s		LR	LR		MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
CN2	comp=E,500nm,20.0s		LR	LR		MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
CN2	comp=Z,500nm,19.0s		LR	LR		MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
BUD	Budapest	39.81 301	↓P	P	03 14 27.2 +0.9	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
VYHS	Vyhne	39.83 303	iP	P	03 14 26.5 0.0	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
VYHS	comp=Z,8.0nm,1.3s,mb4.3		Pmax			MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
VYHS	Vyhne	39.83 303	iP	P	03 14 26.5 0.0	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
VYHS	comp=Z,8.3nm,1.3s,mb4.4		Pmax			MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
KEV	Kevo	39.86 337	eP	P	03 14 24.9 -1.5	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
KEV	comp=Z,4.0nm,0.5s,mb4.5		Pmax			MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
KEV	Kevo	39.86 337	eP	P	03 14 24.9 -1.5	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
KEV	comp=Z,3.8nm,0.5s,mb4.5		Pmax			MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
KOLL	Kolano	40.11 303	iP	P	03 14 29.5 +0.7	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
ARCES	ARCCESS Array B	40.24 306	iP	P	03 14 29.4 0.0	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
PKSM	Moragy	40.24 299	↓P	P	03 14 29.9 0.0	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
PKSM	Moragy	40.24 299	↓P	P	03 14 29.9 +0.1	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
MORC	Moravsky Berou	40.56 305	eP	P	03 14 33.0 +0.5	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
MORC	comp=Z,1.4nm,0.9s,mb4.8		Pmax			MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
MORC	Moravsky Berou	40.56 305	iP	P	03 14 33.0 +0.5	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
MORC	Moravsky Berou	40.56 305	eP	P	03 14 33.0 +0.5	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
MORC	comp=Z,1.4nm,0.9s,mb4.8		Pmax			MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
GPK	Gorka Klasztor	40.57 310	eP	P	03 14 32.5 -0.1	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
KTK1	Kautokeino	41.04 335	eP	P	03 14 33.4 -0.3	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
ZST	Bratislava	41.01 303	iP	P	03 14 36.6 +0.4	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
ZST	comp=Z,9.0nm,1.0s,mb4.5		Pmax			MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
ZST	Bratislava	41.01 303	iP	P	03 14 36.6 +0.4	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
ZST	comp=Z,8.7nm,1.0s,mb4.5		Pmax			MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
VRAC	Vranov	41.22 304	↓P	P	03 14 38.9 +1.0	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
KP	Kisaz	41.27 307	eP	P	03 14 38.6 +0.3	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
KSP	Kisaz	41.27 307	eP	P	03 14 38.4 +0.1	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
CONA	Conrad Observa	41.87 302	iP	P	03 14 43.9 +0.7	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
ARSA	Arzberg	42.20 302	↓P	P	03 14 46.2 +0.3	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
MDJ	Mudanjiang	42.43 62	iP	P	03 14 46.8 -1.0	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02 307	eP	P	03 15 39.6 +0.1
MDJ			pP	pP	03 15 10.0 -1.8	MOX Moxa	44.25 307	eP	P	03 15 02.5 +0.2	BAI Baives	49.02			

Table with columns: CAIG, EI Cayaco, 1.06 297, iP, Pb, 03 46 15.4 -2.8, etc.

BUJ 26 04:05:37.2, 63.00N, 151.60W, h12km, mB5, 0/15, mB4, 8/26, MS4, 8/12, MS7, 4/4/13

IDC 26 04:05:38.3, 0.5, 63.25N, 151.57W, h0km, mB4, 3/22, mB1, 4/5/27, mB1mx4, 4/30, mBtmp4, 3/27, ML4, 2/5, MS3, 5/13, MS1, 3/5/13, m1mx3, 2/38, Error ellipse: s-b, 6/1=14.2km

NEIC 26 04:05:39.3, 63.02N, 151.56W, h12km, mB4, 6/105, ML4, 6(AEIC), After AEIC.

NEIC Felt at Anchorage, Healy, Palmer, Wasilla and Willow. ISCJB 26 04:05:39.4, 0.4, 63.08N, 0.02:151.60W, 0.04, h22km, 3km, mB4, 5/149, MS3, 8/22, Error ellipse: s-maj=3.5km

MOS 26 04:05:41.0, 7.63 11N, 151.58W, h33km, mB4, 7/69, Error ellipse: s-maj=10.0km s-min=4.3km az=94.0

SZGRF 26 04:05:43.0, 63.00N, 152.33W, h33km, mB4, 7, Central Alaska, United States

ISC 26 04:05:39.9, 0.5, 63.08N, 0.02:151.60W, 0.04, h13km, 3km, h16km, 6km; p-P, n570, o580/580, mB4, 5/149, MS3, 8/22, 150C-91D, Central Alaska

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

Main station list table with columns: C07A Waterville, A10A Northport, LON Longmire, etc.

Main station list table with columns: H12A Diamond D Ranc, I11A Placerville, D18A Linhart Farms, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like WHN, ABKAR, BAIF, BAIF, BAIF, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like ZST Bratislava, BGF Bratislava, SMF Bratislava, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like LBTB Lobatse, CASY Casey, SUR Sutherland, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ALS, CHN1, SCZT, TWM1, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like SMY, Bering, Krutoberegovo, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ENA, TWE, ILA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like Kinmen, Quanzhou, Miyako jima 2, Gusekubete, Kume jima 2, Kunigami, Wuhan, Korea Array, Chiang Mai Arr, Songino Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like AFI Afiamalu, URZ Urewera, WRA Warramunga Arr, ASAR Alice Springs, NOA NORSTAR Array, YKA Yellowknife Ar.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like GUMO Guam, WRA Warramunga Arr, CMAR Chiang Mai Arr, SONM Songino Array, MKAR Makanchi Array, BVAR Borovoye Array, INK Inuvik, YKA Yellowknife Ar.

NEIC 26 05:37:51.0, 16:01'N:99:78'W, h16km, MD3.5(MEX), After MEX.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like ACX Acapulco, CAIG El Cayaco, PNIG Pinotepa, PPM Popocatepetl, etc.

NIED 26 05:44:06.50N:153:00E, h17km, Mw4.1 Best double couple: M1.870000:1015 N170000:333.000000, 859.000000, 1.56.000000. NP2:206.000000, 844.000000, 1.133.000000.

JMA 26 05:44:17.5-0.9, 46:53'N:153:01'E, h30km, M4.8 SZGRF 26 05:44:17.5, 46:27'N:153:22'E, h33km, mb4.4, Kuril Islands, Russia

ISCJB 26 05:44:19.8-0.8, 46:55'N:152:56'E, h7km, mb3.6km, mb4.4/61, MS3.4/4, Error ellipse: s-maj=10.8km s-min=5.5km az=147.9

SKHL 26 05:44:20.1-0.2, 46:18'N:152:55'E, h70km, mb4.8/5 MOS 26 05:44:21.1-1.2, 46:54'N:152:58'E, h67km, mb4.8/18, Error ellipse: s-maj=10.7km s-min=7.2km az=95.1

BJJ 26 05:44:21.0, 46:48'N:152:54'E, h69km, mb4.7/10, mb4.3/16, Ms4.3/5, Ms7.3/5 NEIC 26 05:44:22.3-0.9, 46:67'N:152:52'E, h64km, 7km, mb4.3/17, Error ellipse: s-maj=9.2km s-min=5.6km az=159.0

ISC 26 05:44:22.3-0.7, 46:58'N:152:56'E, h63km, 5km, h78km, 3.1km, pP-P, n160, e119/1172, mb4.4/61, 7C-5D, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like Kuril'sk, Korea Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like Kuril'sk, Severo-Kuril'sk, Yuzh-Kuril'sk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like NEM2 Nemuro 2, JRA Rausu, JNK Nakash, AKK Akkeshi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like JMP Ashorobuto, PETK Petropavlovsk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like JBT2 Birator 2, JNBK Urakawa-nobuka, etc.

SEY Seychans, YAK Yakutsk, YAK Yakutsk

KSRs Korea Array, KSRs Korea Array

KSRs Korea Array, KSRs Korea Array

BOD Bodaibo, HHC Hu-ho-hao-te

HHC Korea Array, HHC Korea Array

HHC Korea Array, HHC Korea Array

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like Kuril'sk, Korea Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like ULN Ulanbaatar, SONM Songino Array, WHN Wuhan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like CD2 Chengdu, GYA Guiyang, INK Inuvik, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like MKAR Makanchi Array, KURK Kurchatov, BVAR Borovoye Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like GUN Gumba, RAM Ramite, KKN Kakani, etc.

ARCES ARCES Array B, ARCS ARCS Array B

WALA Waterton Lakes, SUMG Summit

FFC Flin Flon, FFC Flin Flon, JOF Joensuu

JOF Joensuu, FOC Fort Churchill

NVAR Mina Array Bea, KAF Kangasniemi

KAF Kangasniemi, FINES FINES Array B

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like BWO6 Boulder Array, PDAR Pinedale Array, etc.

26d 6h

2008 APR

1200

S10A	baz=3.1	↑Sb	Sb	06 41 45.0 +2.9	
R10A	Warm Springs baz=3.1	3.03 111	↓Pb	Pb	06 41 05.2 -0.9
WVOR	Wild Horse Val	3.12 17	eP	Pn	06 41 06.5 +5.3
WVOR	Wild Horse Val	3.12 17	Pn	Pn	06 40 54.8 -6.5
YBH	Yreka Blue Hor	3.13 18	Pn	Pn	06 41 01.8 +0.5
YBH	3.7nm,0.3s,baz=164,slo=11,SNR=42				
YBH	37nm,0.3s,baz=78,slo=21,SNR=7				06 41 44.4
YBH	comp=Z,99nm,21.1s,baz=77,slo=39				06 42 22.9
YBH	Yreka Blue Hor	3.13 18	eP	Pn	06 41 01.9 +0.6
GRAC	Grapevine Rang	3.15 140	↑Pn	Pn	06 40 59.8 -1.8
GRAC	baz=3.2				06 41 11.3 -1.1
RCTC	Reactor, Farmer	3.18 170	↑Pb	Pb	06 41 06.5 -2.0
P11A	Circle Ranch,	3.20 87	↑Pn	Pn	06 41 01.8 -0.5
P11A	baz=3.2				06 41 08.3 -0.6
M10A	LL Ranch, Tu	3.29 50	↑Pn	Pn	06 41 01.6 -1.9
O11A	Cowboy Ranch,	3.33 77	↑Pn	Pn	06 41 03.2 -0.9
Q11A	Duckwater	3.35 99	↑Pg	Pn	06 41 05.0 +0.7
K05A	Summer Lake	3.35 347	↑Pb	Pb	06 41 09.3 -2.3
N11A	Elko Archery C	3.46 66	↑Pn	Pn	06 41 04.5 -1.4
VES	Vestal, Richgr	3.66 170	↑Pb	Pb	06 41 15.3 -1.5
L10A	Juniper Basin	3.69 44	↑Pn	Pn	06 41 07.6 -1.3
M11A	Holland Ranch,	3.70 56	↑Pb	Pb	06 41 16.3 -1.1
M11A	baz=3.7				06 41 21.6 -1.2
S11A	Rachel	3.72 118	↑Pb	Pg	06 41 17.3 -0.4
S11A	baz=3.8				06 41 22.4 -0.7
ELK	Elko	3.79 69	Pn	Pn	06 41 09.4 -1.0
ELK	47nm,0.3s,baz=274,slo=14,SNR=191				06 42 08.9
ELK	248nm,0.3s,baz=56,slo=10.0,SNR=16				06 41 09.3 -1.2
ELK	Elko	3.79 69	eP	Pn	06 41 18.9 -5.8
ELK			eP	Pn	06 42 02.9 -4.6
P12A	McGill	3.86 88	↑Pn	Pn	06 41 11.0 -0.3
HUMO	Hull Mountain	3.91 325	eP	Pn	06 41 13.2 +1.1
Q12A	Willow Creek R	3.95 34	↑Pn	Pn	06 41 12.6 -0.1
N12A	Clover Valley,	3.97 68	↑Pb	Pb	06 41 11.2 -1.7
N12A	Clover Valley,	3.97 68	eP	Pn	06 41 11.8 -1.1
N12A			eP	Pn	06 41 25.7 -2.4
N12A			eP	Pn	06 42 14.7 -4.8
K10A	MacKenzie Ranc	4.03 34	↑Pb	Pb	06 41 11.8 -1.8
J08A	Circle Bar Ran	4.04 15	↑Pb	Pn	06 41 11.5 -2.4
L11A	Cat Creek Ranc	4.15 48	↑Pb	Pn	06 41 13.6 -1.6
J09A	Fry Pan Ranch,	4.21 22	↑Pb	Pn	06 41 14.5 -1.6
R12A	Pony Springs,	4.27 104	↑Pb	Pn	06 41 16.8 -0.2
T11A	Corn Creek, Al	4.29 120	↑Pb	Pn	06 41 16.6 -0.6
K11A	Parker Ranch,	4.41 40	↑Pn	Pn	06 41 17.7 -1.2
P13A	Bates Ranch, G	4.55 88	↑Pb	Pn	06 41 21.0 +0.2
L12A	House Creek Ra	4.57 52	↑Pn	Pn	06 41 19.6 -1.5
N13A	Wendover, West	4.58 70	↑Pn	Pn	06 41 20.0 -1.2
N13A	Wendover, West	4.58 70	↑Pb	Pn	06 41 21.0 -0.2
N13A	Wendover, West	4.58 70	eP	Pn	06 41 20.5 -0.7
N13A			eP	Pn	06 42 38.8 -6.2
Q13A	Wheeler Ranch,	4.59 94	↑Pb	Pn	06 41 21.8 +0.4
O13A	Hicks Ranch, I	4.60 80	↑Pb	Pn	06 41 21.9 +0.3
J10A	Berg Farm, Mel	4.61 30	↑Pn	Pn	06 41 20.3 -1.3
M13A	Montello	4.77 65	↑Pn	Pn	06 41 22.0 -1.8
M13A	Montello	4.77 65	↑Pb	Pn	06 41 24.6 +0.8
M13A	Montello	4.77 65	eP	Pn	06 41 21.8 -2.0
M13A			eP	Pn	06 42 38.8 -6.2
O09A	Lost Marbles R	4.79 19	↑Pb	Pn	06 41 23.8 -0.4
R13A	O'Grain Ranch,	4.80 104	↑Pb	Pn	06 41 25.1 +0.9
GSC	Goldstone	4.82 148	eP	Pn	06 41 26.7 +2.1
GSC			eP	Pn	06 41 43.1 -1.2
T12A	Moapa	4.91 122	↑Pb	Pn	06 41 26.7 +0.9
OSI	Osito Adit	4.92 169	eP	Pn	06 41 30.1 +4.2
OSI			eP	Pn	06 41 44.3 -2.0
K12A	Draper Farm, C	4.93 48	↑Pn	Pn	06 41 24.5 -1.6
MFID	Camas Ranch	5.00 36	↑Pn	Pn	06 41 25.2 -1.8
MFID	baz=5.0				06 41 35.8 -3.7
V11A	Goodsprings	5.05 134	↑Pb	Pn	06 41 28.6 +0.8
S13A	Holt Ranch, En	5.08 110	↑Pn	Pn	06 41 28.0 -0.2
H08A	Prairie City	5.14 10	↑Pb	Pn	06 41 30.4 +1.5
Q14A	Sevier Lake (B	5.16 93	Pb	Pn	06 41 30.2 +1.1
U12A	Valley of Fire	5.20 124	↑Pb	Pn	06 41 31.0 +1.3
L13A	Double Diamond	5.22 58	↑Pn	Pn	06 41 28.8 -1.3
J12A	Stokes Ranch,	5.23 42	↑Pn	Pn	06 41 28.6 -1.6
H06A	Lindquist Farm	5.29 357	↑Pb	Pn	06 41 32.4 +1.5
ARUT	Antelope Range	5.32 106	eP	Pn	06 41 31.7 +0.3
ARUT	comp=Z,649nm,1.6s				06 41 31.7 +0.3
ARUT	Antelope Rang	5.32 106	eP	Pn	06 41 31.7 +0.3
ARUT	comp=Z,649nm,1.6s				06 41 30.8 -1.6
M14A	Sheep Mountain	5.39 66	↑Pn	Pn	06 41 35.9 +3.0
MWC	Mount Wilson	5.42 164	eP	Pn	06 41 35.9 +3.0
MWC	comp=Z,530nm,1.2s				06 41 30.7 -2.2
K13A	Stover Farm, H	5.43 52	↑Pn	Pn	06 41 30.7 -2.2
BGU	Big Grassy Mou	5.46 72	eP	Pn	06 41 33.3 0.0
CCUT	Cedar City	5.46 108	eP	Pn	06 41 34.2 +0.8
CCUT	comp=Z,125nm,0.8s				06 41 51.5 -5.1
CCUT			eP	Pn	06 43 02.7 -4.6
R14A	James Farms, M	5.48 100	↑Pb	Pn	06 41 35.4 +1.7
DUG	Dugway	5.50 80	eP	Pn	06 41 34.3 +0.4
DUG	Dugway	5.50 80	↑Pn	Pn	06 41 33.4 -0.4
DUG	Dugway	5.50 80	eP	Pn	06 41 34.3 +0.4
DUG	Dugway	5.50 80	eP	Pn	06 42 00.1 +2.8
S14A	Cedar City	5.53 106	↑Pn	Pn	06 41 33.6 -0.7
I12A	Atlanta	5.61 38	↑Pn	Pn	06 41 34.3 -1.1
H10A	Noah's Angus R	5.64 23	↑Pn	Pn	06 41 34.4 -1.4
BBRC	Big Bear Sol-O	5.70 154	↑Pn	Pn	06 41 35.3 -1.4

COR	Corvallis	5.72 335	eP	Pn	06 41 39.2 +2.3
COR	comp=Z,426nm,1.0s				
COR	Corvallis	5.72 335	eP	Pn	06 41 39.1 +2.2
COR	comp=Z,426nm,1.0s				
BMO	Blue Mountains	5.72 19	eP	Pn	06 43 17.0 +1.4
BMO	comp=Z,255nm,1.0s				06 41 37.6 +0.6
BMO	Landfair	5.80 137	eP	Pn	06 41 54.3 -7.3
LDFC	comp=Z,526nm,1.1s				06 41 38.5 +0.5
LDFC	Carlson Farm,	5.80 355	↑Pb	Pn	06 42 01.4 -1.6
G06A	Halley	5.81 43	↑Pn	Pn	06 41 40.4 +2.4
HLID	baz=5.8				06 41 37.0 -1.1
HLID	Halley	5.81 43	eP	Pn	06 41 40.1 +2.0
HLID	comp=Z,376nm,1.0s				06 43 12.8 -5.5
J13A	Cove Ranch, Pi	5.83 46	↑Pn	Pn	06 41 37.2 -1.2
P15A	Leamington	5.89 86	↑Pn	Pn	06 41 38.5 -0.7
HVU	baz=5.9,SNR=14				06 41 37.7 -1.6
HVU	Hansel Valley	5.89 65	eP	Pn	06 41 37.7 -1.5
HVU	comp=Z,115nm,0.8s				06 41 59.1 -5.7
HVU	Hansel Valley	5.89 65	eP	Pn	06 41 38.3 -1.7
HVU	comp=Z,115nm,0.8s				06 41 44.4 +4.0
K14A	Jones Ranch, D	5.94 57	↑Pn	Pn	06 42 03.6 -2.8
SPUT	South Promont	5.98 70	eP	Pn	06 41 44.4 +0.0
SPUT	comp=Z,110nm,0.6s				06 43 17.6 -6.1
SPUT	Mount Hood Mea	6.01 348	eP	Pn	06 41 44.4 +3.5
HOOD	comp=Z,1um,1.3s				06 42 00.4 -6.6
HOOD	North Lily Min	6.05 83	eP	Pn	06 41 42.4 +0.9
NLU	comp=Z,875nm,1.6s				06 41 41.1 -0.6
R15A	Junction	6.07 99	↑Pn	Pn	06 41 42.9 +0.9
MSU	baz=6.1,SNR=8.3				06 42 05.5 -2.9
MSU	Marysvalle	6.08 96	eP	Pn	06 43 24.1 -3.1
MSU			eP	Pn	06 43 42.4 -1.2
I13A	Wildhorse Cree	6.21 42	↑Pn	Pn	06 41 43.0 -1.0
L15A	Malad City	6.24 64	↑Pn	Pn	06 41 48.3 +2.2
MPU	Maple Canyon	6.39 82	eP	Pn	06 43 33.2 -3.8
MPU	comp=Z,123nm,0.9s				06 41 47.7 +1.1
HEBO	Mount Hebo	6.43 335	eP	Pn	06 42 13.7 -1.3
HEBO			eP	Pn	06 41 50.8 +2.9
LNOR	Linnton Mounta	6.52 10	eP	Pn	06 41 50.8 +3.0
LNOR	comp=Z,177nm,1.3s				06 43 37.6 -3.6
LNOR	Linnton Mounta	6.52 10	eP	Pn	06 41 51.9 +3.2
JLU	Jordanelle	6.58 77	eP	Pn	06 42 15.5 -2.4
JLU	comp=Z,114nm,1.0s				06 43 39.7 -3.3
JLU			eP	Pn	06 41 51.9 +1.5
HWUT	Hardware Ranch	6.70 69	eP	Pn	06 42 17.4 -2.8
HWUT	comp=Z,148nm,0.9s				06 43 40.4 -6.4
DAU	Daniels Canyon	6.70 79	eP	Pn	06 41 53.9 +3.5
DAU	comp=Z,322nm,1.2s				06 43 53.2 +3.5
DAU	Daniels Canyon	6.70 79	eP	Pn	06 43 43.2 -3.9
DAU	comp=Z,322nm,1.2s				06 41 53.2 +2.4
TMUT	Trail Mountain	6.73 89	eP	Pn	06 43 51.3 +3.4
TMUT	comp=Z,169nm,0.6s				06 41 55.7 +2.1
HAWA	Hanford	6.94 2	eP	Pn	06 42 18.0 -6.8
HAWA	comp=Z,284nm,1.3s				06 41 56.4 +2.8
RSW	Rattlesnake Hi	6.94 2	eP	Pn	06 42 17.5 -7.2
RSW	comp=Z,272nm,1.5s				06 42 00.6 +2.7
BAR	Barrett	7.25 158	eP	Pn	06 43 58.7 -5.8
BAR	comp=Z,151nm,1.4s				06 44 01.0 -4.4
SRU	San Rafael	7.27 90	eP	Pn	06 44 01.4 +2.0
SRU			eP	Pn	06 42 02.5 +2.2
S17A	Black Ridge (B	7.35 101	↑Pn	Pn	06 42 02.5 +2.2
S17A	baz=7.4,SNR=89				06 42 02.5 +2.2
LON	Longmire	7.42 350	eP	Pn	06 42 02.5 +2.2
LON	comp=Z,156nm,1.0s				06 42 04.2 +2.9
LON	Longmire	7.42 350	eP	Pn	06 42 04.2 +2.9
LON	comp=Z,156nm,1.0s				06 44 05.1 -7.3
MCMT	McKenzie Canyon	7.49 42	eP	Pn	06 42 03.0 +1.3
MCMT	comp=Z,49nm,0.8s				06 43 55.0 +2.8
MCMT	Red Ridge	7.52 56	eP	Pn	06 42 04.1 +1.9
RR12	Navajo Res., N	7.56 106	↑Pn	Pn	06 42 07.5 +5.0
T17A	Navajo Res., N	7.56 106	↑Pn	Pn	06 42 07.5 +5.0
GLA	Glamis	7.58 146	eP	Pn	06 42 36.2 -0.9
GLA	comp=Z,183nm,1.2s				06 44 19.5 +4.1
GLA	Glamis	7.58 146	eP	Pn	06 42 10.2 +5.7
GLA	comp=Z,183nm,1.2s				06 44 18.9 -1.0
GLA			eP	Pn	06 42 08.7 +2.8
GLA			eP	Pn	06 42 09.5 +3.6
DC1D1	Drake Creek	7.73 55	eP	Pn	06 42 27.6 +2.2</

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like JWFS Jewell Farm, FVM French Village, YKA Yellowknife, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like FINES, MAJO Matsuhiro, MAT Matsuhiro, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like GRF Grafenberg Arr, KRSR Korea Arr, ETSF Etsaut, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like BMO, HLID, H11A, G09A, HWUT, etc.

NEIC 26 07:44:07.8-4.1, 22.66N-121.25E, h10km, ML4.1(TAP), Error ellipse: s-maj=36.9km s-min=13.9km az=168.0

JMA 26 07:44:10.1-0.4, 22.62N-121.05E, h85km, M3.1 TAP 26 07:44:11.0, 22.81N-121.09E, h7km, ML3.9, ISC 26 07:44:11.3-0.3, 22.77N-121.18E, h0.02, h6km, 2km, n72, r1524/11.6, 8C-9D, Taiwan region

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like TTN, TWG, TWG, TWG, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like SSSL, SSSL, CHNB, CHNB, etc.

IDC 26 07:52:59.4+0.6, 8.19S: 124.80E, h0km, mb4.5/13, mb1.4/6/16, mb1mx4.6/20, mb1mx4.5/16, ML4.7/3, MS3.7/11, Ms1.3/8/11, ms1mx3.5/28, Error ellipse: s-maj=22.7km

ISCJB 26 07:53:00.8-1.2, 8.28S: 0.04, 124.98E-0.05, h27km, 8km, mb4.7/53, MS3.9/15, Error ellipse: s-maj=8.6km s-min=4.2km az=148.7

MOS 26 07:53:01.5-1.1, 8.18S: 125.08E, h33km, mb4.9/21, Error ellipse: s-maj=21.3km s-min=7.7km az=117.2

DJA 26 07:53:04.8-2.2S: 125.03E, h21km, mb4.9/24 NEIC 26 07:53:04.5-0.8, 8.23S: 124.87E, h36km, 8km, mb4.7/20, Error ellipse: s-maj=9.6km s-min=5.1km az=53.0

ISC 26 07:53:02.9-1.1, 8.32S: 0.04, 124.89E-0.05, h26km, 8km, h36km, 2.4km:pp-P, n131, r128/143, mb4.7/53, MS3.9/15, 5C-4D, Timor region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like WSI, KDI, KDI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like FITZ, FITZ, FITZ, etc.

26d 9h

Table with columns: Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LSA Lhasa, HHC Hu-ho-hao-te, ODAN Odare, etc.

2008 APR

Table with columns: Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NVS comp=Z,13nm,1.2s,mb4.7, SEY Seymchan, etc.

1204

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ISC 26 08:41:06.9,0.8,38:32N,0:06:98,02E, etc.

Table with columns: BRG, comp-Z, fmax, pmax, BRG, Bergiesshubel, 42.65 308 eP, P, 09 49 56.5 +0.2, etc.

Table with columns: CABC, comp-Z, fmax, pmax, CABC, La Chapelle, 48.45 303 eP, P, 09 50 42.1 0.0, etc.

Table with columns: NEIC 26 09:53:22.5, 19:72N-64:97W, h100km, MD3.5(RSPR), After RSPR, RSPR 26 09:53:22.5, 19:72N-64:97W, h100km, 6km, MD3.5/11, MD3.5/11, 13:20, Virgin Islands, Code, Station Name, Az, Az', Phase ID, Time Res, etc.

NEIC 26 11:12:36.6,0.3,23.22N-143.29E, h35km, mb4.6/19, Error ellipse: s-maj=8.6km s-min=7.7km az=121.0

ISC 26 11:12:34.9, 1.4, 23.25N, 0.04, 143.33E, 0.05, h22km, 9km, h37km, 1.1km, pp-P, n117, c192/120, mb4.5/58, MS3.7/9, 7C,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Chichi jima, Matsushiro, Korea Array, Yul-li, Suanglung, Ta-pu, Nanjing, Davao City, Mudanjiang, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WRAB Tennant Creek, WRA Warramunga Arr, WRR Warramunga Arr, FITZ Fitzroy Crossi, BILLS Bilibino, PSI Prapat, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like FINES FINEST Array B, NVAR Mina Array B, LRM Linnik Ridge, MIB Mutribah, RDF Al-Radifah, FFC Filin Flon, etc.

ISCJB 26 11:42:01.2, 1.1, 17.90S, 0.09, 178.61W, 0.06, h54km, 1.4km, mb4.3/6.4, Error ellipse: s-maj=15.2km

ISC 26 11:42:01.2, 1.9, 17.93S, 178.49W, h57km, 2.3km, mb3.7/12, mb1.3/9.13, mb1mx3.8/18, mbtmp3.7/13, Error ellipse: s-maj=22.4km s-min=12.4km az=145.0

NEIC 26 11:42:01.9, 0.6, 17.90S, 178.56W, h57km, 7km, mb4.3/32, Error ellipse: s-maj=9.8km s-min=4.3km az=147.0

ISC 26 11:42:01.8, 1.0, 17.88S, 0.09, 178.58W, 0.06, h57km, 1.2km, h56.4km, 9.6km, pp-P, n292, c051/289, mb4.3/54, 114C-82D, Fjii Islands region

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

26d 11h

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like ARMA Armadale, RMO Roma, CNB Canberra Magne, etc.

2008 APR

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like G06A Carlson Farm, I07A Ize, R12A Pony Springs, etc.

1210

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like D09A Jones Farm, F10A Beach Ranch, Y20A Horse Springs, etc.

Table with columns: ICAO, Name, Elevation, Dimensions, Status, Frequency, and other details. Includes stations like DAWW, M19A, LOHW, G16A, etc.

Table with columns: ICAO, Name, Elevation, Dimensions, Status, Frequency, and other details. Includes stations like SGMP, HAU, QINF, LOR, etc.

MAN 26 11:50:42,10:16N:122:97E,h13km,mb4.0,ML2.8,MS2.5

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other details. Includes stations like GUMJ, GUMI, TBP, etc.

HLW 26 12:14:38.1,34:16N:122:33E,h33km,31km,Md2.8,Md2.8
ISCBJ 26 12:14:40.4,1.2,33:87N:0:08:28:52E:0.05,h33km,Error
ellipse: s-maj=11.7km s-min=4.6km az=163.3

GII 26 12:14:44.9,1.1,33:86N:128:55E,h31km,3km,Md3.1/7
ISC 26 12:14:41.7-1.2,33:92N:08:28:43E:0.05,h35km,n27,
o572/32,Eastern Mediterranean Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other details. Includes stations like HMAT, SLUM, CSS, HNAT, etc.

NEIC 26 12:18:24.4,1.4,3:68N:127:95E,h106km,14km,mb4.7/5,

Error ellipse: s-maj=16.3km s-min=6.9km az=77.0
IDC 26 12:18:24.4,1.8,3:73N:127.94E,h105km,16km,mb3.7/11,
mb1.3/9.13,mb1mx3.8/23,mbtmp3.8/13,Error ellipse:
s-maj=24.3km s-min=9.8km az=77.0

ISCBJ 26 12:18:25.9,0.6,3:77N:0:04:12:79E:0.05,h139km,7km,
mb4.2/15,Error ellipse: s-maj=9.1km s-min=5.6km
az=167.5

DJA 26 12:18:28,3.71N:127:81E,h106km,mb4.7/13
MAN 26 12:18:42,4.90N:126:84E,h156km,mb5.1,ML4.0,MS4.1
ISC 26 12:18:26.8,0.6,3:76N:0:04:12:78E:0.06,h129km,7km,
n37,0:81/56,Turkey

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other details. Includes stations like SGSI, MATI, GSPH, etc.

Table with columns: ICAO, Name, Elevation, Dimensions, Status, Frequency, and other details. Includes stations like TLE, KKM, KKM, KKM, etc.

DJA 26 12:22:54,0:39N:120:63E,h34km,MLV3.6/3,Minahassa

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other details. Includes stations like MRSI, APSI, LUTU, etc.

ISK 26 12:27:36.5,36:99N:29:16E,h5km,Md3.0
ISCBJ 26 12:27:37.9,0.6,37:00N:0:03:29:14E:0.03,h2km,7km,
Error ellipse: s-maj=4.9km s-min=4.1km az=136.2

CSEM 26 12:27:37.8,0.1,37:02N:29:16E,h2km,Md3.0,Error
ellipse: s-maj=1.5km s-min=1.3km az=14.0

DDA 26 12:27:37.8,36:99N:29:15E,h7km,5km,Md2.8
ISC 26 12:27:38.2,0.5,36:99N:0:03:29:14E:0.03,h5km,5km,
n37,0:81/56,Turkey

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other details. Includes stations like GLHS, GLHS, GLHS, etc.

GUC 26 12:28:47.3,0.8,21:34S:69:80W,h47km,2km,ML3.8

26d 12h

2008 APR

1214

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

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

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

26d 13h

Table with columns for station name, frequency, and signal strength. Includes stations like Vostochnayya, Klimovskoe, Hanur-Agry, etc.

2008 APR

Table with columns for station name, frequency, and signal strength. Includes stations like Harsova, Vrnicioaya, Almayashu, etc.

1216

Table with columns for station name, frequency, and signal strength. Includes stations like UZH, Uzhgodoro, Lovozero, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like BOSA, Boshof, Clinton, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like DCIDI, Drake Creek, Wildhorse Creek, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like MOD, Modoc, M12A, Wells, etc.

26d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Navajo Res., Red Dirt Ranch, Hurricane, etc.

NEIC 26 13:23:42.8±0.7, 201.95N; 120.21E, h35km, mb4.1/2, Error ellipse: s-maj=16.1km s-min=9.8km az=109.0

TAP 26 13:23:43.6, 21.12N; 120.30E, h83km, 1km, ML4.7, C JMA 26 13:23:43.5±0.3, 21.09N; 120.69E, h0km, M4.8

ISC 26 13:23:43.9±0.6, 21.05N; 120.21E, h37km, 8km, n89, c087/141, mb3.8/10, 15C-2D, Taiwan region

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

2008 APR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SCLT, CHN1, CHN1, WTP, etc.

1222

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

CASC 26 13:36:58.3±1.1, 11.26N; 87.27W, h24km, 9km, ML3.2, mb4.3(NEIC)

ISCJB 26 13:36:59.7±1.2, 11.32N; 0.08; 87.20W; 0.08, h58km, 9km, mb3.9/10, Error ellipse: s-maj=17.2km s-min=7.3km az=135.7

NEIC 26 13:37:00.7±0.8, 11.48N; 86.98W, h35km, mb4.3/4, Error ellipse: s-maj=25.9km s-min=11.4km az=51.0

IDC 26 13:37:02.1±2.8, 11.90N; 96.78W, h35km, 2.7km, mb3.3/6, mb1.3/6.8, mb1mx3.4/2.2, mbtmp3.3/8, ML3.0/2, Error ellipse: s-maj=57.6km s-min=17.0km az=44.0

ISC 26 13:37:01.8±1.1, 11.42N; 0.08; 87.12W; 0.08, h50km, 9km, n40, c087/43, mb3.9/10, Near coast of Nicaragua

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

IDC 26 13:42:54.1±2.7, 33.26S; 179.01W, h0km, mb3.8/2, mb1.4/1.3, mb1mx3.8/1.5, mbtmp3.9/3, ML4.1/1, Error ellipse: s-maj=64.1km s-min=34.9km az=116.0

ISC 26 13:42:59.3±2.0, 33.39S; 0.09; 179.0W; 0.3, h35km, n14, c088/16, mb3.6/2, South of Kermadec Islands

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

ISCJB 26 13:43:16.8±0.4, 34.16N; 0.06; 137.20E; 0.06, h331km, 3km, mb3.3/11, Error ellipse: s-maj=9.6km s-min=7.3km az=154.9

JMA 26 13:43:16.1±0.2, 34.58N; 137.20E, h340km, 2km, M3.7 NEIC 26 13:43:16.1, 34.58N; 137.20E, h340km, 3M3.7(JMA), After JMA

IDC 26 13:43:17.2±0.6, 34.54N; 137.15E, h321km, 6km, mb3.1/11, mb1.3/3.15, mb1mx3.2/2.8, mbtmp3.2/15, Error ellipse: s-maj=14.0km s-min=9.7km az=70.0

ISC 26 13:43:17.8±0.4, 34.60N; 0.06; 137.20E; 0.06, h325km, 3km, n42, c071/49, mb3.3/11, 6C-9D, Near shore coast of eastern Honshu

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

Table with columns: Code, Station Name, Az, Az', Time, Res, and various station identifiers like JYN, JWT, JWX, etc.

Table with columns: Code, Station Name, Az, Az', Time, Res, and various station identifiers like EORO, SJPF, SJJF, etc.

Table with columns: Code, Station Name, Az, Az', Time, Res, and various station identifiers like ELAN, ELAN, ELAN, etc.

ISK 26 13:45:54.5, 37:80N, 29:26E, h3km, MD3.1

ISCJB 26 13:45:55.1±0.5, 37:80N±0.02, 29:24E±0.03, h1km, 5km, Error ellipse: s-maj=4.4km s-min=3.5km az=19.6

CSEM 26 13:45:55.1±0.1, 37:79N±0.29, 29:26E, h2km, MD3.1, Error ellipse: s-maj=1.9km s-min=1.5km az=136.0

DDA 26 13:45:55.4, 37:81N, 29:23E, h1km, 2km, Md2.9

ISC 26 13:45:55.7±0.4, 37:80N±0.02, 29:24E±0.03, h8km, 4km, n49, e084/67, Turkey

Table with columns: Code, Station Name, Az, Az', Time, Res, and various station identifiers like DENT, DNZL, DNZL, etc.

Table with columns: Code, Station Name, Az, Az', Time, Res, and various station identifiers like EORO, SJPF, SJJF, etc.

Table with columns: Code, Station Name, Az, Az', Time, Res, and various station identifiers like ELAN, ELAN, ELAN, etc.

STR 26 13:55:04.8±0.3, 42:85N±1.04W, h5km, ML3.2, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

CSEM 26 13:55:04.7±0.1, 42:87N±0.39W, h12km, ML3.2/28, Error ellipse: s-maj=2.1km s-min=1.6km az=161.0

INMG 26 13:55:05.5±1.3, 42:88N±1.02W, h3km, 3km, ML2.6, Error ellipse: s-maj=2.5km s-min=1.9km az=28.0

MDD 26 13:55:05.5±0.1, 42:86N±1.04W, h4km, 2km, mBLg2, 8/27, Error ellipse: s-maj=2.0km s-min=1.3km az=177.0, PRIMO

NEIC 26 13:55:05.1, 42:87N±1.01W, h0km, ML3.1(STR), ML3.3(LDG), MN2.8(MDD), After MDD.

LDG 26 13:55:05.7±0.1, 42:88N±1.02W, h2km, Md3.3/3, ML3.3/30, Error ellipse: s-maj=1.3km s-min=1.0km az=157.0

ISC 26 13:55:05.0±0.2, 42:90N±0.01±1.02W±0.01, h17km±1km, n271, e125/466, 7C-1D, Pyrenees

Table with columns: Code, Station Name, Az, Az', Time, Res, and various station identifiers like EORO, EORO, EORO, etc.

Table with columns: Code, Station Name, Az, Az', Time, Res, and various station identifiers like ESAC, ESAC, ESAC, etc.

Table with columns: Code, Station Name, Az, Az', Time, Res, and various station identifiers like ELAN, ELAN, ELAN, etc.

2008 APR

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BRVK Borovoye, AAK Ala-Archa, and various other frequencies.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BNI Bardonecchia, MBDF Montbardon, and various other frequencies.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MXZ Matakaoa Point, OUZ Omahuta, and various other frequencies.

26d 15h

BUJ 16:25:28.14, 4.26, 270S: 177.80W, h179km, mB5.1/12, mB4.9/18
NEIC 26:15:28.14, 4.1, 1.26, 261S: 177.84W, h170km, 16km, mB5.1/16, Error ellipse: s-maj=13.9km s-min=10.6km az=144.0
ISCJB 26:15:28.16, 5.0, 2.27, 11S: 0.04, 178.02W, 0.09, 91km, 8km, mB4.7/33, Error ellipse: s-maj=13.9km s-min=5.5km az=11.2
IDC 26:15:28.22, 0.4, 2.6, 59S: 177.96W, h229km, 3km, mB4.2/14, mB1.4/4.14, mB1mx4.4/1.5, mBtmP4.2/14, Error ellipse: s-maj=13.1km s-min=12.6km az=138.0
DJA 26:15:28.34, 2.07, 0.5S: 178.63W, h318km, mB5.2/43, Error ellipse: s-maj=13.1km s-min=12.6km az=138.0
ISCJ 26:15:28.21, 8.0, 2.7, 40S: 177.84W, 0.09, h240km, 8km, h218km, 9.2km, pP-P, n170, s18/18, mB4.6/33, 7C-6D, Kermadec Islands region

26d 16h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like PETK, IPM, NJ2, PLCA, PSI, etc.

2008 APR

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like CLL, CLL, BRG, GERES, etc.

1228

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like LSZ, LSZ, LSZ, LSZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mitsune, Hachijo jima 2, Kotoy shima, etc.

IDC 26 17:08:28.0.2.1.6:235:147.57E, h0km, mb3.5/5, mb1 3.7/6, mb1mx3.5/16, mbtmp3.5/6, ML3.5/1, Error ellipse: s-maj=70.7km s-min=23.6km az=100.0

NEIC 26 17:08:39.6:5.6:73S:147.29E, h81km, mb3.6/1, Error ellipse: s-maj=35.5km s-min=32.7km az=131.0

ISC 26 17:08:41.4:6.4:6.8S:0.3:147.3E, h103km, mb3.0m, n10, c=108/8, mb3.4/4, Eastern New Guinea region

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

IDC 26 17:20:10.9:3.2:24:54S:109.05W, h0km, mb3.6/3, mb1 4.1/3, mb1mx3.8/12, mbtmp3.6/3, Error ellipse: s-maj=267.2km s-min=55.3km az=101.0, Easter Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mina Array Bea, Pinedale Array, Yellowknife Ar, etc.

ISCJCB 26 17:21:28.0:0.5:38:22N:0.04:21:73E:0.04, h26km, 4km, Error ellipse: s-maj=6.9km s-min=5.3km az=166.5

THE 26 17:21:27.9:38:20N:21:68E, h20km, 2km, ML2.8/3, Error ellipse: s-maj=2.1km s-min=0.8km az=355.0

CSEM 26 17:21:27.3:0.2:38:22N:21:72E, h30km, MD2.6, Error ellipse: s-maj=7.3km s-min=5.4km az=161.0

ATH 26 17:21:27.7:38:20N:21:72E, h25km, 2km, MD2.6/6

ISC 26 17:21:28.1:0.2:38:22N:0.04:21:72E:0.04, h25km, 4km, n21, c=68/41, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like University Cam, Lakka, Efpalio, Riolos of Patr, etc.

IDC 26 17:24:25.8:0.7:24:23S:112:07W, h0km, mb4.3/14, mb1 4.5/14, mb1mx4.1/17, mbtmp4.3/14, MS4.4/15, MS1 4.3/15, ms1mx4.3/19, Error ellipse: s-maj=28.6km s-min=17.3km az=58.0

ISCJCB 26 17:24:26.4:0.4:24:17S:0.06:111:73W:0.10, h10km, mb4.7/85, MS4.5/22, Error ellipse: s-maj=13.7km s-min=6.9km az=157.4

GCMT 26 17:24:28.2:0.2:24:29S:111:89W, h16km, 1km, MW5.1/81, Moment Tensor Solution, s46,c61; s81,c129; Duration: 0 Moment tensor: Scale 10^10Nm; Mr=0.15e15;

Mw=4.52e14; Mw=4.67e14; Mw=1.07e14; Mw=1.89e14; Mw=1.77e14; Mw=4.67e14; Mw=3.81e10; Mw=1.01e10; NP1:56.00000; NP2:67.00000; NP3:0.00000; NP4:0.00000; NP5:146.00000; NP6:890.00000; NP7:157.00000; Principal axes: T=5.4730, Plg16.0000, Azm279.0000; N=0.1870, Plg67.0000, Azm147.0000; P=-5.2890, Plg16.0000, Azm14.0000; nsta1 refers to body waves, cutoff=40s.

nsta2 refers to surface waves, cutoff=50s. NEIC 26 17:24:28.2:0.5:24:14S:111:51W, h10km, mb4.9/73 Error ellipse: s-maj=15.5km s-min=11.2km az=71.0

BUJ 26 17:24:29.1:24:10S:111:50W, h10km, mb5.1/7, Ms5.1/9, Ms7 4.8/9

ISC 26 17:24:28.3:0.4:24:25S:0.06:111.74W:0.10, h10km, (h14km, 6km, pp-P), n366, c0676/326, mb4.7/85, MS4.5/22, 113C-105D, Easter Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Nuku Hiva Isla, Papeete, Papeete, etc.

ISC 26 17:24:28.3:0.4:24:25S:0.06:111.74W:0.10, h10km, (h14km, 6km, pp-P), n366, c0676/326, mb4.7/85, MS4.5/22, 113C-105D, Easter Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ustnuaia, APG, RAR, CMIG, TRAQ, TGUH, ROSC, CPUP, CPUP, SDV, MTDJ, TXAR, TXAR, etc.

IDC 26 17:24:28.0:0.5:38:22N:0.04:21:73E:0.04, h26km, 4km, Error ellipse: s-maj=6.9km s-min=5.3km az=166.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Big Bay Ranch, Terlingua Ranch, Black Gap, Mary Lane Ranch, Woodward Ranch, Cox Ranch, San, etc.

ISCJCB 26 17:21:28.0:0.5:38:22N:0.04:21:73E:0.04, h26km, 4km, Error ellipse: s-maj=6.9km s-min=5.3km az=166.5

THE 26 17:21:27.9:38:20N:21:68E, h20km, 2km, ML2.8/3, Error ellipse: s-maj=2.1km s-min=0.8km az=355.0

CSEM 26 17:21:27.3:0.2:38:22N:21:72E, h30km, MD2.6, Error ellipse: s-maj=7.3km s-min=5.4km az=161.0

ATH 26 17:21:27.7:38:20N:21:72E, h25km, 2km, MD2.6/6

ISC 26 17:21:28.1:0.2:38:22N:0.04:21:72E:0.04, h25km, 4km, n21, c=68/41, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Organ Pipe Nat, Playas Peak, Dragoon, Three Points, etc.

IDC 26 17:24:25.8:0.7:24:23S:112:07W, h0km, mb4.3/14, mb1 4.5/14, mb1mx4.1/17, mbtmp4.3/14, MS4.4/15, MS1 4.3/15, ms1mx4.3/19, Error ellipse: s-maj=28.6km s-min=17.3km az=58.0

ISCJCB 26 17:24:26.4:0.4:24:17S:0.06:111:73W:0.10, h10km, mb4.7/85, MS4.5/22, Error ellipse: s-maj=13.7km s-min=6.9km az=157.4

GCMT 26 17:24:28.2:0.2:24:29S:111:89W, h16km, 1km, MW5.1/81, Moment Tensor Solution, s46,c61; s81,c129; Duration: 0 Moment tensor: Scale 10^10Nm; Mr=0.15e15;

Mw=4.52e14; Mw=4.67e14; Mw=1.07e14; Mw=1.89e14; Mw=1.77e14; Mw=4.67e14; Mw=3.81e10; Mw=1.01e10; NP1:56.00000; NP2:67.00000; NP3:0.00000; NP4:0.00000; NP5:146.00000; NP6:890.00000; NP7:157.00000; Principal axes: T=5.4730, Plg16.0000, Azm279.0000; N=0.1870, Plg67.0000, Azm147.0000; P=-5.2890, Plg16.0000, Azm14.0000; nsta1 refers to body waves, cutoff=40s.

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Nutrioso, Point of Rocks, Iron Mountain, Lemitar, Presa de Saban, Yava, Humboldt, Snowflake, etc.

26d 17h

Table with columns: ID, Name, Az, El, SNR, and other parameters. Rows include P12A McGill, P15A Leamington, P14A Drum Mountains, etc.

2008 APR

Table with columns: ID, Name, Az, El, SNR, and other parameters. Rows include H08A Prairie City, H11A Donnelly, QLMT Earthquake Lak, etc.

1230

Table with columns: ID, Name, Az, El, SNR, and other parameters. Rows include YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, etc.

ISC/JB 26 17:24:46.9, 0.4, 38.21N, 0.02-21.72E, 0.03, h12km, 3km, Error ellipse: s-maj=3.8km s-min=3.4km az=139.9 CSEM 26 17:24:46.9, 0.2, 38.21N-21.70E, h20km, ML3.3, Error ellipse: s-maj=5.3km s-min=4.8km az=36.0 ATH 26 17:24:46.9, 38.22N-21.72E, h17km, 1km, MD3.5/7, ML3.3 NEIC 26 17:24:47.0, 38.24N-21.69E, h20km, ML3.0(ATH), After THE THE 26 17:24:47.0, 38.24N-21.69E, h20km, ML3.8/4, Error ellipse: s-maj=0.9km s-min=0.6km az=343.0 ISC 26 17:24:47.0, 0.3, 38.23N-21.02-21.71E, 0.03, h19km, 3km, n68, r12/97, 2C-1D, Greece Code Station Name Az El Phase ID Time Res

26d 18h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CHTO Chiang Mai, MALTO Malatya, etc.

ISK 26 17:49:16.7, 4.0'28N:32'14E, h5km, MD3.2
ISCJB 26 17:49:17.0, 4.0, 5.0, 4.0'26N:02:32'13E:0.03, h0km, 5km,
Error ellipse: s-maj=4.1km s-min=3.5km az=26.1
CSEM 26 17:49:17.9, 0.1, 4.0'26N:32'17E, h2km, MD3.0, Error
ellipse: s-maj=1.4km s-min=1.4km az=13.0
DDA 26 17:49:17.5, 4.0'25N:32'09E, h14km, 4km, Md3.0
ISC 26 17:49:18.2, 0.5, 4.0'27N:02:32'12E:0.03, h1km, 5km,
n49, 0.958/67, 1C, Turky

Main table for 26d 18h section, listing various stations and their coordinates. Includes stations like SGKT Sivriyonyuk, SGKT Sivriyonyuk, LOD Lodumlu, etc.

GUC 26 17:53:49.5, 0.6, 22.765S:67.71W, h186km, 6km, ML3.8, 5C, Chile-Bolivia border region

Table for GUC 26 17:53:49.5, 0.6, 22.765S:67.71W, listing stations like LVC Limon Verde, PB04 Plate Boundary, etc.

ISC 26 18:09:25.8, 7.3, 6'56N:93'11E, h0km, mb3.8/3, mb1 3/7.4, mb1mx3.4/24, mbmp3.6/4, ML3.3/1, Error ellipse: s-maj=16.4, 5km s-min=6.0km az=144.0

NEIC 26 18:09:29.4, 3.7, 6.83N:92.96E, h10km, mb3.9/2, Error ellipse: s-maj=72.2km s-min=27.3km az=148.0
ISC 26 18:09:33.5, 0.6, 9.9N:0.6, 93.1E:0.4, h35km, m6, 0.948/6, mb3.7/5, Nicobar Islands region

Table for Nicobar Islands region, listing stations like CMAR Chiang Mai Arr, LSA Lhasa, AML Almayashu, etc.

SZGRF 26 18:09:49.8, 19.095S:176.733W, h33km, Fiji Islands region
ISCJB 26 18:10:04.7, 1.7, 19.54S:0.08, 176.06W:0.09, h184km, 16km, mb4, 3.35, Error ellipse: s-maj=17.2km s-min=9.5km az=39.0

NEIC 26 18:10:05.6, 1.4, 19.51S:175.98W, h184km, 13km, mb4, 4/24, Error ellipse: s-maj=13.9km s-min=7.8km az=133.0

2008 APR

IDC 26 18:10:07.2, 2.4, 19.57S:176.01W, h194km, 22km, mb3.9/15, ms1 4/17, mb1mx4.0/22, mbmt4.0/17, MS4.0/2, Ms1 4.1/2, ms1km3.3/25, Error ellipse: s-maj=20.2km s-min=11.3km az=137.0

DJA 26 18:10:26.19, 8.9S:176.69W, h348km, mb4.7/30
ISC 26 18:10:05.8, 1.6, 19.52S:0.08, 176.03W:0.09, h181km, 15km, n117, 0.982/56, mb4.3/35, 7C-6D, Fiji

Main table for 2008 APR section, listing various stations and their coordinates. Includes stations like AFI Afiamalu, AFI Afiamalu, AFI Afiamalu, etc.

Table for 2008 APR section, listing various stations and their coordinates. Includes stations like KHC Kasperse Hory, KHC Kasperse Hory, KHC Kasperse Hory, etc.

ISCJB 26 18:19:11.0, 1.0, 6.26'03N:0.04'128'66E:0.04, h40km, 7km, mb3.6/9, Error ellipse: s-maj=7.4km s-min=5.4km az=155.2

JMA 26 18:19:11.2, 0.2, 6.26'05N:128'69E, h46km, 5km, M3.2
IDC 26 18:19:12.9, 9.5, 4.26'25N:128'79E, h35km, 35km, mb3.4/8, mb1 3.5/8, mb1mx3.3/24, mbmt3.3/8, Error ellipse: s-maj=124.2km s-min=16.7km az=66.0

NEIC 26 18:19:12.4, 4.2, 6.26'13N:128'50E, h27km, 31km, M3.2(JMA), Error ellipse: s-maj=21.2km s-min=10.5km

ISC 26 18:19:11.8, 1.2, 26'07N:0.04'128'65E:0.04, h30km, 8km, n24, 0.974/33, mb3.6/9, Ryukyu Islands

Table for Ryukyu Islands region, listing stations like JJT2 Tamagusuku 2, JOW Kunigami, JOW Kunigami, etc.

TAP 26 18:38:33.6, 22'76N:121'70E, h16km, ML3.2, C
JMA 26 18:38:34.6, 0.1, 23'65N:121'91E, h89km, M2.1
ISC 26 18:38:32.3, 0.5, 22.77N:0.02'121.74E:0.02, h10km, 5km, n48, 0.879/81, 3D, Taiwan region

Table for Taiwan region, listing stations like Code Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHKT Chengkung, TTN Taitung, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Sandimen, Shilin, Fangliu, Alishan, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Borovoye, Kabul, Aktubinsk, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Rancho Maria, Cotopaxi Volca, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like CTKS, CTYL, KULA, BOKG, GEMT, ISK, PGB, YLV, VLS, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like ATH, THE, CSEM, SOF, ISC, LIA, LOS, GADA, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like BZS, BURAR, BURAR, DDA, CSEM, ATH, ISK, etc.

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

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like CTKS, AGG, KULA, JMB, BOKG, GEMT, etc.

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

THR 26 22:20:03.0, 3.0, 8.29, 87N, 50.81E, h15km, ML3.8
CSEM 26 22:20:05.0, 2.9, 29.91N, 50.86E, h10km, ML3.8, Error
ellipse: s-maj=5.1km s-min=4.9km az=166.0

NEIC 26 22:20:06.5, 29.95N, 50.86E, h9km, mb3.5/1, ML3.8(THR),
MN3.8(TEH), After TEH.
TEH 26 22:20:06.5, 29.95N, 50.86E, h9km
OMAN 26 22:21:07.9, 9.0, 24.73N, 57.73E, h30km, Error ellipse:
s-maj=125.0km s-min=37.1km az=81.0

ISC 26 22:20:06.0, 1.4, 29.90N, 0.03, 50.86E, 0.03, h15km, 11km,
n131, a1914/138, mb3.7/11, SC-10D, Southern Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

Table with columns: BANOM, SNR=19, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations with SNR=19 and their recorded data.

ISC/JB 26 22:23:06.3, 0.4, 39.14N, 0.03, 16.48E, 0.04, h10km, 5km,
Error ellipse: s-maj=5.5km s-min=5.1km az=11.5

CSEM 26 22:23:06.5, 0.2, 39.13N, 16.47E, h10km, ML3.6/4, Error
ellipse: s-maj=6.6km s-min=4.7km az=87.0

NEIC 26 22:23:06.3, 39.14N, 16.53E, h11km, ML3.0(ROM), After
ROM

ROM 26 22:23:06.3, 0.1, 39.14N, 16.53E, h11km, M3.0/4, Error
ellipse: s-maj=1.5km s-min=1.3km az=38.0

ISC 26 22:23:06.6, 0.4, 39.14N, 0.03, 16.50E, 0.04, h13km, 4km,
n35, e092/43, Southern Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations with SNR=19 and their recorded data.

MOS 26 22:31:20.0, 1.0, 15.74S, 174.12W, h96km, mb4.9/21,
Error ellipse: s-maj=11.9km s-min=8.1km az=54.9

ISCBJ 26 22:31:23.0, 3.0, 2.15, 94S, 0.05, 174.05W, 0.04, h133km,
mb4.7/11, Error ellipse: s-maj=8.6km s-min=4.1km az=148.9

SZGRF 26 22:31:23.1, 16.81S, 174.94W, h130km, Tonga Islands
GCMT 26 22:31:24.2, 6.0, 15.82S, 173.73W, h142km, 3km

MW5.0/79, Moment Tensor Solution. s29.c35; s79.c106;
Duration: 0 Moment tensor: Scale 10^19Nm; Mr:3.41±.15;
Mw:1.02±.20; Mw:2.38±.22; Ms:0.73±.15; Mw:1.05±.19;
Mw:2.21±.14; Best double couple: M3.87200±.016
NP1=138.00000; s33.00000; 1.59.00000; NP2:
0.354.00000; 862.00000; A.109.00000; Principal axes:
T 4.3570, Plg67.0000; Azm300.0000; N -0.9600.
Plg16.0000; Azm165.0000; P -3.3870, Plg15.0000;
Azm70.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s.

BUI 26 22:31:24.7, 15.48S, 173.93W, h133km, mb5.1/17,
mb4.8/20

NEIC 26 22:31:24.6, 0.1, 15.96S, 174.05W, mb4.8/73, Error
ellipse: s-maj=7.8km s-min=3.6km az=146.0

IDC 26 22:31:24.3, 0.6, 15.94S, 174.04W, h130km, mb4.5/26,
mb1.4/72, mb1mx4.7/22, mb1mx4.5/26, MS3.7/4,
MS1.3/74, ms1mx3.2/28, Error ellipse: s-maj=14.6km
s-min=9.2km az=137.0

DJA 26 22:31:40.16, 50S, 174.58W, h238km, mb5.1/23
ISC 26 22:31:25.0, 0.2, 15.96S, 0.05, 174.04W, 0.04, h135km,
h135km, 3km, p-P, n724, e059/510, mb4.7/11,
214C-202D, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations with SNR=19 and their recorded data.

26d 22h

SWSC	Sam W. Stewart	73.86	48	↑P	P	22 43 18.2	-0.4
LRMC	Laurel Mountai	73.91	45	↑P	P	22 42 45.0	-0.4
BELC	Belle Mtn.	74.28	47	↑P	P	22 42 47.9	+0.3
BELC	Manual Prospec	74.36	45	↑P	P	22 42 47.8	-0.2
MPMC	Tungsten Hills	74.37	43	↑P	P	22 42 48.6	+0.6
MTUM	Yreka Blue Hor	74.41	37	↑P	P	22 42 48.3	+0.1
YBH	Goldstone	74.41	46	↑P	P	22 42 48.4	+0.1
GSC	Goldstone	74.41	46	↑P	P	22 42 47.4	-0.9
GSC	Goldstone	74.41	46	↑P	P	22 42 48.4	+0.1
GSC	Goldstone	74.41	46	↑P	P	22 42 48.8	0.0
WAKR	Walker	74.47	42	↑P	P	22 43 21.3	-0.2
BC3	Big Chuck Mtn	74.48	48	↑P	P	22 43 21.3	-1.0
BC3	Hector,Ludlow	74.49	46	↑P	P	22 42 48.6	-0.2
HEC	Hector,Ludlow	74.49	46	↑P	P	22 43 22.2	0.0
HEC	Beckworth	74.69	40	↑P	P	22 42 50.1	+0.3
BEKR	Beckworth	74.69	40	↑P	P	22 43 23.2	-0.1
BEKR	Washoe City	74.73	41	↑P	P	22 42 50.3	+0.3
WCN	Washoe City	74.73	41	↑P	P	22 42 51.0	+0.6
HUMO	Hull Mountain	74.82	37	↑P	P	22 43 24.5	+0.5
HUMO	Ta-pu	74.83	300	↑P	P	22 42 50.3	-0.7
TPUB	Granite Mounta	74.93	47	↑P	P	22 42 51.3	0.0
GMRC	Granite Mounta	74.93	47	↑P	P	22 43 24.7	-0.1
GMRC	Furnace Creek,	75.01	45	↑P	P	22 42 52.1	+0.3
FURC	Furnace Creek,	75.01	45	↑P	P	22 42 52.3	+0.1
TUQC	Tungstone Moun	75.09	46	↑P	P	22 43 25.9	+0.1
TUQC	Shoshone	75.10	45	↑P	P	22 42 51.8	-0.4
SHOC	Shoshone	75.10	45	↑P	P	22 43 25.4	-0.4
SHOC	Mina Array Bea	75.15	42	↑P	P	22 42 52.8	+0.3
NVAR	Mina Array Bea	75.15	42	↑P	P	22 43 25.2	-0.8
NVAR	Mohawk Valley,	75.24	49	↑P	P	22 42 53.4	+0.2
113A	Mohawk Valley,	75.24	49	↑P	P	22 42 54.1	+0.4
U10A	Ash Meadows, A	75.34	45	↑P	P	22 42 54.7	-0.2
Z13A	Yuma Proving G	75.54	49	↑P	P	22 43 27.8	-0.6
Z13A	Organ Pipe Nat	75.54	50	↑P	P	22 43 27.9	-0.5
Z14A	Organ Pipe Nat	75.54	50	↑P	P	22 42 55.4	+0.9
Z14A	Kodiak Island	75.59	12	↑P	P	22 42 54.7	+0.2
KDAK	Kodiak Island	75.59	12	↑P	P	22 42 55.6	+0.2
KDAK	Goodsprings	75.65	46	↑P	P	22 43 28.0	-1.0
V11A	Goodsprings	75.65	46	↑P	P	22 42 56.5	+0.7
V11A	Salome	75.72	48	↑P	P	22 42 56.9	+0.9
Y13A	Salome	75.72	48	↑P	P	22 42 57.1	+0.3
W12A	Cai Nev Ari	75.75	46	↑P	P	22 42 57.0	-0.4
W12A	Black Gap (USA	75.88	50	↑P	P	22 42 57.1	+0.3
114A	Black Gap (USA	75.88	50	↑P	P	22 42 30.0	-0.4
MOD	Modoc	75.94	38	↑P	P	22 42 57.5	+0.3
S10A	Tonopah Range,	75.98	43	↑P	P	22 43 30.8	-0.1
V12A	Nelson	75.99	46	↑P	P	22 42 58.5	+0.8
K05A	Sumner Lake	76.09	37	↑P	P	22 42 58.1	0.0
X13A	Yucca	76.12	48	↑P	P	22 43 32.0	+0.3
X13A	Korea Array	76.13	316	↑P	P	22 42 59.4	+1.3
KSRS	Korea Array	76.13	316	↑P	P	22 43 31.6	-0.3
Z14A	Wintersburg	76.14	49	↑P	P	22 43 32.2	+0.2
SHPR	Sheep Range	76.19	45	↑P	P	22 42 59.5	+0.2
W13A	Hualapai Mount	76.34	47	↑P	P	22 43 00.2	+0.7
R10A	Warm Springs	76.38	43	↑P	P	22 42 59.9	+0.3
Y14A	Wickenburg	76.38	48	↑P	P	22 43 32.4	-0.8
Y14A	Rachel	76.40	44	↑P	P	22 43 00.7	+0.3
S11A	Rachel	76.40	44	↑P	P	22 42 59.8	-0.5
T11A	Corn Creek, Al	76.53	45	↑P	P	22 43 00.7	+0.3
H04A	Detroit Lake	76.56	35	↑P	P	22 43 00.8	+0.3
216A	Three Points,	76.57	51	↑P	P	22 43 34.0	-0.3
216A	Valley of Fire	76.57	46	↑P	P	22 43 01.1	+0.4
U12A	Valley of Fire	76.57	46	↑P	P	22 43 01.1	+0.4
Q10A	Clear Creek Ra	76.61	43	↑P	P	22 43 01.8	+0.3
F03A	Seaside	76.61	34	↑P	P	22 43 01.9	+0.4
KSM	Kuching	76.63	275	↑P	P	22 43 01.4	+0.3
V13A	Grand Canyon W	76.66	46	↑P	P	22 43 34.9	+0.1
V13A	Yava	76.73	48	↑P	P	22 43 01.8	+0.3
X14A	Yava	76.73	48	↑P	P	22 43 02.2	+0.9
G04A	Mulino	76.73	35	↑P	P	22 43 35.0	-0.2
Y15A	Casa Rosa Ranc	76.87	49	↑P	P	22 43 02.3	-0.1
Y15A	Troy Canyon, C	76.88	43	↑P	P	22 43 02.1	-0.3
R11A	Troy Canyon, C	76.88	43	↑P	P	22 43 02.6	-0.2
217A	Green Valley	76.94	51	↑P	P	22 43 36.1	-0.4
217A	Pakoon Wash	76.96	46	↑P	P	22 43 03.2	+0.4
U13A	Pakoon Wash	76.96	46	↑P	P	22 43 03.2	+0.4
W14A	Selgman	76.96	47	↑P	P	22 43 03.0	+0.2
BMN	Battle Mountai	76.97	41	↑P	P	22 43 03.0	+0.2
BMN	Battle Mountai	76.97	41	↑P	P	22 43 03.0	+0.3
BMN	Delamar Landin	76.98	44	↑P	P	22 43 03.9	+1.0
S12A	Delamar Landin	76.98	44	↑P	P	22 43 03.2	+0.2
P10A	Eureka	77.00	42	↑P	P	22 43 03.4	+0.6
E03A	Lebam	77.01	33	↑P	P	22 43 03.8	+0.3
Q11A	Duckwater	77.11	43	↑P	P	22 43 03.8	+0.3

2008 APR

V14A	Boquillas Ranc	77.16	47	↑P	P	22 43 04.6	+0.7
X15A	Humboldt	77.20	48	↑P	P	22 43 04.7	+0.6
X15A	Tucson	77.22	51	↑P	P	22 43 04.7	+0.4
TUC	Tucson	77.22	51	↑P	P	22 43 04.7	+0.4
TUC	Peralta Trail,	77.23	50	↑P	P	22 43 04.7	+0.3
Z16A	Peralta Trail,	77.23	50	↑P	P	22 43 38.0	-0.1
Z16A	Wild Horse Val	77.25	39	↑P	P	22 43 04.4	+0.1
WVOR	Wild Horse Val	77.25	39	↑P	P	22 43 38.3	+0.3
WVOR	Saint George	77.31	45	↑P	P	22 43 05.6	+0.5
117A	Oracle	77.37	51	↑P	P	22 43 05.6	+0.5
117A	Neilton Lookou	77.40	32	↑P	P	22 43 05.6	+0.7
NLWA	Neilton Lookou	77.40	32	↑P	P	22 43 05.4	0.0
318A	Bisbee	77.41	52	↑P	P	22 43 38.9	-0.3
318A	Circle Ranch,	77.43	42	↑P	P	22 43 05.1	-0.2
P11A	Circle Ranch,	77.43	42	↑P	P	22 43 05.2	-0.4
Y16A	Circle Bar Ran	77.45	49	↑P	P	22 43 39.4	0.0
Y16A	Mt Trumbull	77.50	46	↑P	P	22 43 06.1	+0.3
U14A	Mt Trumbull	77.50	46	↑P	P	22 43 06.2	+0.3
R12A	Pony Springs,	77.52	44	↑P	P	22 43 06.8	+0.3
218A	Dragon	77.61	51	↑P	P	22 43 40.2	-0.1
218A	Lindquist Farm	77.63	36	↑P	P	22 43 06.2	-0.1
H06A	Lindquist Farm	77.63	36	↑P	P	22 43 06.5	0.0
S13A	Holt Ranch, En	77.63	45	↑P	P	22 43 06.9	+0.1
I07A	Izee	77.71	37	↑P	P	22 43 07.0	-0.2
X16A	Lo Mia Camp, P	77.74	49	↑P	P	22 43 06.8	-0.3
Q12A	Willow Creek R	77.75	43	↑P	P	22 43 06.9	-0.2
G06A	Carlson Farm,	77.77	35	↑P	P	22 43 07.5	+0.1
O11A	Cowboy Ranch,	77.80	42	↑P	P	22 43 07.6	-0.1
Y17A	Roosevelt	77.83	50	↑P	P	22 43 41.3	-0.1
Y17A	O Grain Ranch,	77.87	44	↑P	P	22 43 08.0	+0.1
R13A	O Grain Ranch,	77.87	44	↑P	P	22 43 07.9	+0.1
J08A	Circle Bar Ran	77.89	38	↑P	P	22 43 07.8	-0.1
T14A	Hurricane	77.90	46	↑P	P	22 43 08.0	-0.1
V15A	Kaibab Nationa	77.91	47	↑P	P	22 43 08.1	-0.1
319A	Douglas	77.92	52	↑P	P	22 43 41.9	-0.1
319A	McGill	77.93	43	↑P	P	22 43 08.2	+0.9
CCUT	Cedar City	77.96	45	↑P	P	22 43 08.3	-0.3
118A	Homack Ranch,	77.98	51	↑P	P	22 43 42.4	+0.1
118A	L.L. Ranch, Tu	78.01	40	↑P	P	22 43 09.0	+0.5
M10A	L.L. Ranch, Tu	78.01	40	↑P	P	22 43 08.4	-0.3
LOA	Longmire	78.07	34	↑P	P	22 43 08.4	-0.3
LOA	Elko Archery C	78.13	41	↑P	P	22 43 09.4	+0.2
N11A	Elko Archery C	78.13	41	↑P	P	22 43 09.9	+0.6
U15A	North Rim	78.13	47	↑P	P	22 43 10.1	+0.5
S14A	Cedar City	78.20	45	↑P	P	22 43 10.1	+0.2
219A	White Tail Can	78.22	52	↑P	P	22 43 43.5	-0.1
219A	Wheeler Ranch	78.24	44	↑P	P	22 43 10.1	+0.3
Q13A	Wheeler Ranch	78.24	44	↑P	P	22 43 09.7	+0.1
D05A	Enumclaw	78.25	33	↑P	P	22 43 10.2	+0.1
J09A	Fry Pan Ranch,	78.31	38	↑P	P	22 43 10.3	-0.1
WUAZ	Wupatki	78.33	48	↑P	P	22 43 11.1	+0.7
WUAZ	Ruggs Ranch, H	78.33	36	↑P	P	22 43 11.2	+0.6
G07A	Ruggs Ranch, H	78.33	36	↑P	P	22 43 10.4	0.0
L10A	Juniper Basin	78.36	40	↑P	P	22 43 10.3	-0.1
E06A	Yakima	78.38	34	↑P	P	22 43 10.9	+0.2
ELK	Elko	78.41	42	↑P	P	22 43 43.7	-0.8
ELK	Elko	78.41	42	↑P	P	22 43 10.9	+0.2
ELK	Holland Ranch,	78.43	41	↑P	P	22 43 11.2	+0.3
M11A	Holland Ranch,	78.43	41	↑P	P	22 43 11.0	+0.1
H08A	Prairie City	78.45	37	↑P	P	22 43 11.1	+0.1
O12A	Currie	78.47	42	↑P	P	22 43 10.7	-0.2
HABR	Khabarovsk	78.48	328	↑P	P	22 43 17.9	0.0
HABR	Sheep Mountain	80.02	42	↑P	P	22 43 18.5	-0.8
B07A	Winthrop	80.03	33	↑P</			

A071	Ashnola River, baz=80, SNR=7.0	80.25	33	↑P	P	22 43 20.4	-0.1
Y21A	Point of Rocks baz=80, SNR=13	80.31	51	↑P	P	22 43 21.4	+0.2
G11A	Walters Elk Ra baz=81, SNR=23	80.35	37	↑P	P	22 43 20.4	-0.8
MPU	Maple Canyon comp=Z, 4.2nm, 0.8, mb4.1	80.37	44	eP	P	22 43 22.0	+0.6
B08A	Colville Reser baz=81, SNR=6.3	80.38	34	↑P	P	22 43 20.6	-0.6
X21A	Alamocita Cree baz=81, SNR=6.8	80.43	50	↑P	P	22 43 21.3	-0.6
HL1D	Hailey baz=81	80.45	39	↑P	P	22 43 21.8	+0.1
HL1D	Hailey comp=Z, 1.4nm, 0.9s, mb4.6	80.45	39	eP	pP	22 43 21.9	+0.2
HL1D	Hailey comp=Z, 1.4nm, 0.9s, mb4.6	80.45	39	eP	pP	22 43 21.9	+0.2
E10A	Myers Farm, Un baz=81	80.49	36	↑P	P	22 43 22.3	+0.5
SPUT	South Promont 80.49	42	eP	P	22 43 22.9	+0.9	
J13A	Cove Ranch, Pi baz=81, SNR=8.6	80.49	40	↑P	P	22 43 22.5	+0.2
HVU	Hansel Valley 80.53	42	eP	pP	22 43 22.3	+0.1	
HVU	Hansel Valley comp=Z, 10.0nm, 0.9s, mb4.5	80.53	42	eP	pmx	22 43 22.3	+0.2
HVU	Hansel Valley comp=Z, 9.5nm, 0.9s, mb4.4	80.53	42	eP	pmx	22 43 22.3	+0.2
V20A	Brimhall baz=81	80.54	49	↑P	pP	22 43 22.5	+0.1
M15A	Larsen Ranch, baz=81, SNR=13	80.58	42	P	P	22 43 22.5	0.0
M15A	Larsen Ranch, baz=81, SNR=13	80.58	42	P	pP	22 43 22.5	0.0
C09A	Chrisman Ranch baz=81	80.61	34	↑P	P	22 43 21.8	-0.7
T19A	Beclabito baz=81, SNR=8.3	80.62	47	↑P	P	22 43 22.1	-0.7
SRU	San Rafael 80.67	45	eP	pmx	22 43 23.5	+0.5	
SRU	San Rafael comp=Z, 4.0nm, 0.8s, mb4.1	80.67	45	eP	pmx	22 43 23.5	+0.5
SRU	San Rafael baz=81	80.67	45	eP	P	22 43 22.4	-0.6
SRU	San Rafael comp=Z, 4.3nm, 0.8s, mb4.1	80.67	45	eP	P	22 43 23.5	+0.5
K14A	Jones Ranch, D 80.67	41	↑P	P	22 43 22.9	0.0	
F11A	Grangeville baz=81, SNR=7.6	80.69	37	P	P	22 43 21.7	-1.2
P17A	Butcher Ranch, baz=81	80.70	44	↑P	P	22 43 22.8	-0.3
H12A	Diamond D Ranc baz=81, SNR=9.3	80.72	38	↑P	P	22 43 22.4	-0.7
D10A	Wagner Farm, O baz=81	80.73	35	↑P	P	22 43 22.3	-0.8
R18A	Canyonlands Na baz=81, SNR=5.3	80.75	46	↑P	P	22 43 23.4	0.0
G12A	Big Creek, Yel baz=81	80.75	38	↑P	P	22 43 23.2	0.0
G12A	Big Creek, Yel baz=81	80.75	38	↑P	pP	22 43 23.2	0.0
A08A	Turner Farm, O baz=81, SNR=12	80.77	33	P	P	22 43 23.2	0.0
JLU	Jordanelle 80.79	43	eP	P	22 43 24.1	+0.5	
J13A	Wildhorse Cree baz=81, SNR=9.8	80.82	39	↑P	P	22 43 23.7	+0.1
324A	Moseley Ranch, baz=81, SNR=13	80.86	54	↑P	P	22 43 23.9	-0.3
J14A	Carey baz=81, SNR=15	80.87	40	↑P	P	22 43 24.2	+0.0
LAZ	Ladron comp=Z, 1.9nm, 1.8s, mb4.4	80.88	50	eP	P	22 43 25.4	+1.2
L15A	Malad City 80.89	42	↑P	P	22 43 23.6	-0.5	
Q18A	Rafter H Ranch baz=81, SNR=9.2	80.93	45	↑P	P	22 43 24.3	-0.1
N16A	Rees Ranch, Co baz=81	80.94	43	↑P	P	22 43 23.9	-0.4
S19A	Harvey Farm, M baz=81, SNR=6.9	80.97	47	↑P	P	22 43 24.5	-0.2
425A	Indio Mountain baz=81, SNR=13	80.98	54	↑P	P	22 43 24.8	0.0
425A	Indio Mountain baz=81, SNR=13	80.98	54	↑P	pP	22 43 24.8	0.0
M16A	Huntsville baz=81, SNR=6.5	81.03	43	↑P	P	22 43 24.4	-0.4
MNTX	Cornudas Mount comp=Z, 1.8nm, 1.4s, mb4.5	81.05	53	eP	P	22 43 25.1	0.0
MNTX	Cornudas Mount comp=Z, 1.8nm, 1.4s, mb4.5	81.05	53	eP	pP	22 43 25.1	0.0
B09A	Rice baz=81, SNR=6.0	81.05	34	↑P	P	22 43 24.7	-1.5
O17A	Robinson Place baz=81, SNR=10	81.06	44	↑P	P	22 43 24.6	-0.4
O17A	Robinson Place baz=81, SNR=10	81.06	44	↑P	pP	22 43 24.6	-0.4
TCUT	Toone Canyon comp=Z, 4.2nm, 1.5s, mb4.8	81.07	43	eP	P	22 43 22.6	-2.5
H13A	Challis baz=81	81.08	39	↑P	P	22 43 24.8	-0.3
224A	Corundas Mount baz=81, SNR=12	81.10	53	↑P	P	22 43 24.8	-0.6
224A	Corundas Mount baz=81, SNR=12	81.10	53	↑P	pP	22 43 24.8	-0.6
P18A	Preston Nutter baz=81	81.11	45	↑P	P	22 43 25.0	-0.3
CN2	Changchun 81.12	320	eP	P	22 43 25.5	+0.2	
CN2	Changchun comp=Z, 2.0nm, 1.5s, mb4.5	81.12	320	eP	pP	22 44 00.8	+1.5
CN2	Changchun comp=Z, 2.0nm, 1.5s, mb4.5	81.12	320	eP	pmx	22 44 15.2	+2.2
CN2	Changchun comp=Z, 2.0nm, 1.5s, mb4.5	81.12	320	eP	pmx	22 53 23.3	-0.5
CN2	Changchun comp=Z, 1.0nm, 0.9s, mb4.5	81.12	320	eP	pmx	22 53 23.3	-0.5
CN2	Changchun comp=Z, 2.0nm, 1.5s, mb4.5	81.12	320	eP	pmx	22 53 23.3	-0.5
CN2	Changchun comp=N, 200nm, 10.0s	81.12	320	LR	LR		
CN2	Changchun comp=E, 200nm, 10.0s	81.12	320	LR	LR		
CN2	Changchun comp=Z, 300nm, 11.0s	81.12	320	LR	LR		
F12A	Elk City baz=81, SNR=29	81.14	37	↑P	P	22 43 25.0	-0.4
F12A	Elk City baz=81, SNR=29	81.14	37	↑P	pP	22 43 25.0	-0.4
R19A	Curley Farm, L baz=81, SNR=8.1	81.14	46	↑P	P	22 43 24.2	-1.3
626A	Big Bend Ranch baz=81, SNR=13	81.15	56	↑P	P	22 43 24.1	-1.6
626A	Big Bend Ranch baz=81, SNR=13	81.15	56	↑P	pP	22 43 24.1	-1.6
V21A	Milan baz=81, SNR=5.5	81.15	49	↑P	P	22 43 24.9	-0.7
V21A	Milan baz=81, SNR=5.5	81.15	49	↑P	pP	22 43 24.9	-0.7
A09A	Danville baz=81, SNR=8.9	81.15	33	↑P	P	22 43 24.9	-0.4
K15A	Arbon baz=81, SNR=6.3	81.15	41	↑P	P	22 43 25.1	-0.4
BNM	Barren Site 81.15	51	eP	P	22 43 26.3	+0.6	
BNM	Barren Site comp=Z, 4.4nm, 0.9s, mb4.1	81.15	51	eP	pP	22 43 26.3	+0.6
HWUT	Hardware Ranch 81.22	42	eP	P	22 43 25.5	-0.2	
LPM	Los Pinos Moun comp=Z, 5.3nm, 1.0s, mb4.1	81.22	51	eP	P	22 43 26.6	+0.5
325A	Bear Ravine, Si baz=81, SNR=15	81.23	54	↑P	P	22 43 25.5	-0.6
325A	Bear Ravine, Si baz=81, SNR=15	81.23	54	↑P	pP	22 43 25.5	-0.6
TRF	Thorofore Moun comp=Z, 3.1nm, 1.1s, mb4.9	81.28	11	eP	P	22 43 25.4	-0.3
E12A	Beaver Dam Sad baz=82	81.33	37	↑P	P	22 43 25.6	-0.6
CHUM	Lake Minchumun comp=Z, 4.1nm, 1.1s, mb4.5	81.34	10	eP	P	22 43 25.6	-0.3
N17A	Moffit Pass, S baz=82, SNR=6.4	81.36	43	↑P	P	22 43 26.6	0.0
G13A	Cobalt baz=82, SNR=8.8	81.38	38	↑P	P	22 43 26.4	-0.3
526A	Mary Lane Ranch baz=82	81.39	55	↑P	P	22 43 26.3	-0.7
526A	Mary Lane Ranch baz=82	81.39	55	↑P	pP	22 43 26.3	-0.7
526A	Mary Lane Ranch baz=82	81.39	55	↑P	pP	22 44 00.8	-0.2
TNA	Tin City comp=Z, 4.5nm, 1.0s, mb5.0	81.40	3	eP	P	22 43 27.1	+0.8
TNA	Tin City comp=Z, 4.5nm, 1.0s, mb5.0	81.40	3	eP	pP	22 43 27.1	+0.8
124A	Stringfield Ra 81.42	53	↑P	P	22 43 27.4	+0.3	

TXAR	Lajitas Array baz=82, SNR=7.0	81.43	56	P	P	22 43 27.3	+0.1
TXAR	Lajitas Array comp=Z, 4.8nm, 0.9s, mb4.1, baz=224, slow=6.3, SNR=39	81.43	56	P	pP	22 43 27.3	+0.1
TXAR	Lajitas Array comp=Z, 7.9nm, 1.1s, baz=224, slow=6.3, SNR=7.9	81.43	56	P	pP	22 43 59.4	-1.9
TXAR	Lajitas Array comp=Z, 7.9nm, 1.1s, baz=224, slow=6.3, SNR=7.9	81.43	56	P	pP	22 43 27.3	+0.1
Q19A	Hogan Spring (baz=82, SNR=6.3	81.46	46	↑P	P	22 43 27.3	+0.1
L16A	Fish Haven baz=82, SNR=11	81.51	42	↑P	P	22 43 27.1	-0.2
J15A	Blackfoot baz=82, SNR=12	81.58	40	↑P	P	22 43 28.2	+0.5
ANMO	Albuquerque baz=82, SNR=12	81.63	50	eP	P	22 43 28.6	+0.4
ANMO	Albuquerque comp=Z, 2.3nm, 1.3s	81.63	50	eP	pP	22 44 01.5	-0.7
ANMO	Albuquerque comp=Z, 2.3nm, 1.3s, mb4.6	81.63	50	eP	pmx	22 43 28.6	+0.4
ANMO	Albuquerque comp=Z, 2.3nm, 1.3s, mb4.6	81.63	50	eP	pP	22 44 01.5	-0.7
H14A	Leadore baz=82, SNR=8.8	81.65	39	↑P	P	22 43 28.3	-0.2
225A	Deer Hill, Car baz=82, SNR=9.5	81.65	53	↑P	P	22 43 28.3	-0.1
225A	Deer Hill, Car baz=82, SNR=9.5	81.65	53	↑P	pP	22 44 02.1	-0.4
426A	McDonald Obser baz=82, SNR=30	81.68	55	↑P	P	22 43 28.6	0.0
426A	McDonald Obser baz=82, SNR=30	81.68	55	↑P	pP	22 44 01.4	-1.2
A10A	Northport baz=82, SNR=19	81.69	34	↑P	P	22 43 27.6	-0.5
627A	Terlingua Ranch baz=82, SNR=8.9	81.70	56	↑P	P	22 43 28.5	-0.1
F13A	Darby baz=82, SNR=13	81.70	38	↑P	P	22 43 27.8	-0.5
M17A	Skullys Gap (B baz=82, SNR=11	81.73	43	↑P	P	22 43 28.1	-0.4
MCK	McKinley 81.78	11	eP	pmx	22 43 28.1	-0.2	
MCK	McKinley comp=Z, 5.6nm, 0.9s, mb5.2	81.78	11	eP	pmx	22 43 28.1	-0.2
MCK	McKinley comp=Z, 5.6nm, 0.9s, mb5.2	81.78	11	eP	P	22 43 28.3	-0.9
527A	Woodward Ranch baz=82, SNR=17	81.80	56	↑P	P	22 43 28.3	-0.9
D12A	Red Ives Fores baz=82, SNR=8.1	81.81	36	↑P	P	22 43 27.9	-0.9
K16A	Soda Springs baz=82, SNR=11	81.82	41	↑P	P	22 43 28.8	-0.1
S21A	Coal Bank Pass baz=82, SNR=26	81.88	47	↑P	P	22 43 29.6	+0.2
L17A	Cokeville baz=82	81.91	42	↑P	P	22 43 29.2	-0.2
HYT	Haines Junctio 81.92	17	eP	P	22 43 30.1	+1.0	
G14A	Jackson 81.92	38	↑P	P	22 43 29.7	+0.2	
P19A	Cripple Cowboy baz=82, SNR=5.9	81.97	45	↑P	P	22 43 30.2	+0.4
326A	Caldwell Ranch baz=82, SNR=14	81.98	54	↑P	P	22 43 30.0	-0.1
125A	Gardner Draw, baz=82, SNR=5.7	82.01	53	↑P	P	22 43 30.3	+0.1
B11A	Sandpoint baz=82	82.02	35	↑P	P	22 43 29.5	-0.4
J16A	Victor baz=82, SNR=14	82.03	41	↑P	P	22 43 30.6	+0.6
GDL2	Guadalupe Moun comp=Z, 2.2nm, 0.5s, mb2.0	82.04	53	eP	P	22 43 31.1	+0.6
GDL2	Guadalupe Moun comp=Z, 2.2nm, 0.5s, mb2.0	82.04	53	eP	pP	22 44 05.0	+0.5
MCMT	McKenzie Canyo comp=Z, 7.2nm, 1.0s, mb4.3	82.07	39	eP	pP	22 43 31.2	+1.0
MCMT	McKenzie Canyo comp=Z, 7.2nm, 1.0s, mb4.3	82.07	39	eP	pP	22 44 05.3	+1.0
H15A	Lima baz=82, SNR=11	82.09	39	↑P	pP	22 43 30.6	+0.3
M18A	Ly						

Table with columns for event name, date, time, location, and status. Includes events like CMIG Matias Romero, E18A Harlowton, C17A Wharram Farm, etc.

Table with columns for event name, date, time, location, and status. Includes events like SONM Songino Array, SONM Tiksi, TIXI Tiksi, ZAK Zakamensk, etc.

Table with columns for event name, date, time, location, and status. Includes events like PSZ Piszkesteto, PSZ Piszkesteto, PSZ Piszkesteto, etc.

Table with columns for station name, coordinates, elevation, and various performance metrics. Includes stations like XAN, AGT, SNY, YSS, CAL, MDJ, SHL, BJI, CN2, MSEY, NNA, PAYG, LPAZ, HBR, HHC, PET, KLR, and YAK.

Table with columns for station name, coordinates, elevation, and various performance metrics. Includes stations like LSA, SPB, KAD, LSZ, HIA, BHPL, OTAV, SAO, MOCM, PFO, ULN, HOPS, SONM, AJM, CMB, DAC, WDC, BHJ, TUC, NVAR, YBH, TPH, JTS, HUMO, ZAK, MOD, KDKA, KMBO, Q11A, K05A, WUAZ, TGUH, U15A, Y19A, TXAR, TLY, IRK, Z21A, MNTX, WVOR, 426A, BCIP, X21A, T17A, MOY, ELK, 427A, MVU, MSU, YAK, and J08A.

Table with columns for station name, coordinates, elevation, and various performance metrics. Includes stations like WMQ, BOD, B10A, BNM, 428A, P14A, NLWA, T18A, 125A, J09A, L11A, S18A, DUG, ANMO, NIL, N14A, G08A, S19A, MVCO, R18A, MFID, HAWA, BMO, J12A, JCT, S21A, R20A, T22A, ETW, H11A, HLID, C07A, HWUT, P19A, G11A, J14A, BILL, BILL, I13A, K15A, H12A, OD2, B07A, G12A, F11A, A07A, B08A, SDCO, F12A, KSH, K15A, G13A, SMC0, AHID, A08A, E12A, D11A, AMTX, B09A, RR2, N20A, F13A, HKT, REDW, TPWA, and NEW.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PRU Pruhonice, PVCC Panska Ves, KBA Koelnbreinsper, NB2 NORRAR Subarrat, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NKC Midelt, TANN Tannenbergha, WERN Wernitzgruen, ROTZ Rotzenmuhle, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BUG Bochum-Univer, HAU Haudompre, VIVF Saint-Julien-H, SFS San Fernando, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, H, m, S, ISC. Includes stations like LDF, EDI, HPK, FLN, etc.

IDC 26 23:36:04.6:1.6,3:23N-94:12E,h0km,mb4.0/7,mb1.4/2.9,mb1mx3.2/25,mbmp4.1/9,ML4.5/2,MS3.0/1,M1.3/0.1,ms1mx2.5/4.9,Error ellipse: s-maj=48.6km s-min=22.1km az=47.0

NEIC 26 23:36:09.6:0.8,3:23N-94:19E,h35km,mb4.2/2,Error ellipse: s-maj=16.5km s-min=10.5km az=211.0

ISCJB 26 23:36:13.0:3.1,3:4N-0:1,94:5E:0:1,h73km,27km,mb4.0/9,Error ellipse: s-maj=27.0km s-min=15.5km az=141.7

ISC 26 23:36:13.5:3.0,3:4N-0:1,94:5E:0:2,h61km,27km,n14,0:559/16,mb4.1/9,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, KULM, CMAR, etc.

ISK 26 23:38:07.4:36:99N-29:18E,h5km,MD3.3

CSEM 26 23:38:08.0:1.6,3:97N-29:18E,h5km,MD3.3,Error ellipse: s-maj=4.2km s-min=3.4km az=146.0

ISC 26 23:38:09.3:0.4,3:63N-29:17E,0:03,h6km,4km,n69,0:087/90,2C,Turkey

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, H, m, S, ISC. Includes stations like GLHS, FETHIYE, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, H, m, S, ISC. Includes stations like KORT, ARG, etc.

CSEM 26 23:44:54.7:0.2,39:62N-38:50E,h8km,MD3.1,Error ellipse: s-maj=5.1km s-min=4.2km az=59.0

ISCJB 26 23:44:54.3:39:64N-38:51E,h10km,MD3.1

ISC 26 23:44:55.4:1.5,39:66N-0:03,38:67E:0:09,h6km,13km,n27,0:126/37,Turkey

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, H, m, S, ISC. Includes stations like EZZ, PTK, etc.

SKO 26 23:47:04.4:39:87N-20:67E,h43km

CSEM 26 23:47:07.0:0.2,40:00N-20:80E,h20km,MD3.1,Error ellipse: s-maj=6.1km s-min=4.3km az=83.0

ISC 26 23:47:07.7:0.7,39:94N-20:87E,h28km,1km,MD3.1/7

ISC 26 23:47:07.7:0.7,39:94N-20:87E,h28km,1km,MD3.0/6,n23,0:130/40,Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, H, m, S, ISC. Includes stations like JAN, KEK, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, H, m, S, ISC. Includes stations like SKO, CSEM, etc.

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

ISCJB 27 00:10:48.1:0.5,50:12N-0:04,19:05E:0:03,h0km,Error ellipse: s-maj=5.6km s-min=2.5km az=12.1

CSEM 27 00:10:49.1:0.5,50:15N-19:03E,h2km,ML2.8/4,Error ellipse: s-maj=1.2km s-min=4.2km az=2.0

ISC 27 00:10:49.7:0.5,50:08N-19:15E,ML2.6,Mining Induced

ISC 27 00:10:49.0:5,50:08N-19:04E,h0km

ISC 27 00:10:49.4:0.5,50:08N-19:06E:0:03,h0km,n27,0:123/49,Poland

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

ISC 27 00:11:25.5:39:88N-20:98E,h56km

CSEM 27 00:11:27.1:0.2,39:98N-20:84E,h20km,MD3.0,Error ellipse: s-maj=6.8km s-min=5.0km az=100.0

ISC 27 00:11:27.1:0.2,39:92N-20:87E,h27km,2km,MD3.0/6

ISC 27 00:11:27.0:0.3,39:99N-0:03,20:83E:0:05,h19km,4km,n20,0:091/31,Greece-Albania border region

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

O11A	Cowboy Ranch	83.72	42	↑P	P	01 27 40.9 -0.2
O16A	Lindquist Farm	83.72	37	↑P	P	01 27 41.2 +0.2
H07A	Forest Lakes	83.78	49	↑P	P	01 27 42.0 +0.5
I07A	Izebe	83.78	37	↑P	P	01 27 41.6 +0.3
U15A	North Rim	83.85	47	↑P	P	01 27 42.3 +0.4
G06A	Carlson Farm	83.87	36	↑P	P	01 27 41.5 -0.2
J20A	Kipp Ranch, An	83.90	53	↑P	P	01 27 42.6 +0.4
J08A	Circle Bar Ranch	83.93	39	↑P	P	01 27 41.5 -0.5
M10A	LL Ranch, Tu	83.98	41	↑P	P	01 27 42.6 +0.3
WUAZ	Wupatki	84.00	46	eP	P	01 27 43.5 +0.9
Y18A	Canyon Day Jun	84.03	50	↑P	P	01 27 43.7 +0.8
Q13A	Wheeler Ranch	84.09	44	↑P	P	01 27 42.4 -0.6
CN2	Changchun	84.11	322	eP	S	01 27 45.0 +2.0
CN2				eS	S	01 37 56.0 +2.5
CN2	comp=Z,10.0nm,0.7s,mb4.7			pmax	pmax	
CN2	comp=Z,200nm,3.0s			pmax	pmax	
T15A	Red Dirt Ranch	84.11	46	↑P	P	01 27 43.0 -0.1
220A	Playas Peak, P	84.18	52	↑P	P	01 27 43.9 +0.3
J09A	Fry Pan Ranch	84.34	39	↑P	P	01 27 44.2 +0.1
L10A	Juniper Basin	84.34	40	↑P	P	01 27 43.9 -0.2
O12A	Currie	84.37	43	↑P	P	01 27 44.6 +0.3
102A	U Bar Ranch, L	84.42	52	↑P	P	01 27 45.3 +0.5
G07A	Ruggs Ranch, H	84.42	36	↑P	P	01 27 44.4 -0.1
V17A	Tonalea, Kykot	84.45	48	↑P	P	01 27 44.9 0.0
X18A	Snowflake	84.48	50	↑P	P	01 27 45.0 0.0
N12A	Clover Valley,	84.51	42	↑P	P	01 27 45.0 0.0
E06A	Yakima	84.52	35	↑P	P	01 27 45.1 +0.2
K10A	MacKenzie Ranch	84.52	40	↑P	P	01 27 45.2 +0.1
Q14A	Sevier Lake (B	84.59	44	↑P	P	01 27 45.9 +0.4
Y19A	Nutrisio	84.68	50	↑P	P	01 27 46.9 +0.8
Z20A	Nine Sixteen R	84.73	51	↑P	P	01 27 47.5 +1.1
L11A	Cat Creek Ranch	84.83	41	↑P	P	01 27 46.7 +0.1
G08A	Pilot Ranch	84.83	37	↑P	P	01 27 46.7 +0.2
D06A	Cle Elum	85.00	34	↑P	P	01 27 47.9 +0.5
121A	Cookes Peak, D	85.04	52	↑P	P	01 27 48.1 +0.2
MSU	Marysval	85.05	45	eP	P	01 27 48.2 +0.4
V18A	Ganado	85.10	49	↑P	P	01 27 48.2 +0.1
E07A	Sunnyside	85.13	35	↑P	P	01 27 48.5 +0.5
Y20A	Horse Springs,	85.29	51	↑P	P	01 27 49.7 +0.6
222A	Williams Family	85.33	53	↑P	P	01 27 49.9 +0.6
GAMB	Gambell	85.35	2	eP	P	01 27 48.3 -0.3
Z21A	Cloud Mine	85.50	52	↑P	P	01 27 51.1 +1.0
MFID	Camas Ranch	85.51	40	↑P	P	01 27 49.9 -0.1
X20A	Quemado	85.52	50	↑P	P	01 27 51.1 +0.8
ETW	Entiat	85.53	34	eP	P	01 27 50.1 +0.1
H10A	Noah's Angus R	85.66	38	↑P	P	01 27 50.1 -0.6
122A	Corniff Cattle	85.70	52	↑P	P	01 27 50.1 -1.0
C07A	Waterville	85.73	34	↑P	P	01 27 50.7 -0.1
SYO	Syowa Base	85.77	192j	eP	P	01 27 49.0 -2.0
Y21A	Point of Rocks	85.84	51	↑P	P	01 27 51.9 +0.1
J12A	Stokes Ranch,	85.85	40	↑P	P	01 27 51.3 -0.3
G10A	Bishop Farm, J	85.87	38	↑P	P	01 27 51.2 -0.4
T18A	Mexican Hat	85.87	47	↑P	P	01 27 51.4 -0.5
D08A	Wollman Farm	85.94	35	↑P	P	01 27 51.9 -0.1
R17A	Hanksville Air	85.98	46	↑P	P	01 27 51.7 -0.7
K13A	Stover Farm, H	86.12	41	↑P	P	01 27 52.3 -0.6
I12A	Atlanta	86.14	40	↑P	P	01 27 53.0 0.0
H11A	Donnelly	86.15	39	↑P	P	01 27 52.2 -0.9
F10A	Beach Ranch, E	86.21	37	↑P	P	01 27 52.6 -0.7
324A	Moseley Ranch,	86.23	54	↑P	P	01 27 54.1 +0.3
425A	Indio Mountain	86.29	55	↑P	P	01 27 54.0 -0.1
626A	Big Bend Ranch	86.38	56	↑P	P	01 27 54.7 +0.1
G11A	Walters Elk Ra	86.41	38	↑P	P	01 27 53.9 -0.5
MNTX	Cornudas Mount	86.42	54	eP	P	01 27 54.6 -0.2
LAZ	Ladron	86.42	51	eP	P	01 27 54.6 0.0
HLID	Hailey	86.44	40	↑P	P	01 27 54.6 +0.1
HLID	Hailey	86.44	40	eP	P	01 27 54.3 -0.2
SRU	San Rafael	86.46	45	↑P	P	01 27 54.3 -0.5
SRU	San Rafael	86.46	45	eP	P	01 27 55.1 +0.3
M15A	Larsen Ranch,	86.48	43	↑P	P	01 27 54.4 -0.3
224A	Corundas Mount	86.49	54	↑P	P	01 27 55.4 +0.3
B08A	Colville Reser	86.53	34	↑P	P	01 27 54.2 -0.6
325A	Bean Ranch, Si	86.58	54	↑P	P	01 27 54.8 -0.7
TXAR	Lajitas Array	86.64	57	P	P	01 27 56.3 +0.4
TXAR	comp=Z,2.0nm,1.0s,baz=198,slow=6.6,SNR=31			pP	pP	01 28 43.0 +5.4
526A	Mary Lane Ranch	86.64	56	↑P	P	01 27 55.9 0.0
S19A	Harvey Farm, M	86.69	47	↑P	P	01 27 55.9 0.0
H12A	Diamond D Ranch	86.74	39	↑P	P	01 27 55.4 -0.6
VNA3	Neumayer Olymp	86.78	176	eP	P	01 27 56.1 +0.2
VNA3				e	P	01 28 08.5
G12A	Big Creek, Yel	86.80	38	↑P	P	01 27 55.3 -0.9
113A	Wildhorse Cree	86.81	40	↑P	P	01 27 56.8 +0.5
124A	Stringfield Ra	86.84	53	↑P	P	01 27 57.1 +0.4
J14A	Carey	86.84	41	↑P	P	01 27 56.8 +0.3
R19A	Curley Farm, L	86.89	47	↑P	P	01 27 56.3 -0.5
O17A	Robinson Place	86.89	44	↑P	P	01 27 57.2 +0.4
627A	Terlingua Ranch	86.91	57	↑P	P	01 27 57.0 -0.2

A08A	Turner Farm, O	86.93	34	↑P	P	01 27 56.7 -0.1
426A	McDonald Obser	86.97	55	↑P	P	01 27 57.1 -0.3
225A	Deer Hill, Car	87.05	44	↑P	P	01 27 57.6 -0.1
527A	Woodward Ranch	87.05	56	↑P	P	01 27 57.8 0.0
ANMO	Albuquerque	87.18	51	eP	P	01 27 58.1 -0.3
B09A	Rice	87.19	35	↑P	P	01 27 57.5 -0.5
F12A	Elk	87.20	38	↑P	P	01 27 57.7 -0.4
Q19A	Hogan Spring (I	87.22	46	↑P	P	01 27 58.1 -0.4
VNA2	Neumayer-Watz	87.24	176	eP	P	01 27 58.4 +0.3
A09A	Danville	87.30	34	eP	P	01 27 58.0 0.0
TNA	Tin City	87.31	4	eP	P	01 27 56.7 -1.5
628A	Black Gap, Mr	87.31	57	↑P	P	01 27 58.7 -0.4
E12A	Beaver Dam Sad	87.40	37	↑P	P	01 27 58.4 -0.7
125A	Gardner Flow	87.41	53	↑P	P	01 27 59.4 -0.1
PLCA	Paso Flores	87.44	133	P	P	01 27 59.0 -0.6
VNA1	Neumayer-Stat	87.46	176	eP	P	01 27 59.8 +0.7
427A	Hayter Ranch,	87.53	55	↑P	P	01 27 59.5 -0.7
226A	Malaga, Loving	87.56	54	↑P	P	01 27 59.7 -0.5
S21A	Coal Bank Pass	87.57	48	↑P	P	01 28 00.2 +0.1
H14A	Leadore	87.65	40	↑P	P	01 27 59.8 -0.6
F13A	Darby	87.75	38	↑P	P	01 28 00.1 -0.7
P19A	Cripple Cowboy	87.76	46	↑P	P	01 27 59.7 -1.2
D12A	Red Ives Fores	87.89	37	↑P	P	01 28 00.5 -0.9
MCK	McKinley	87.93	12	eP	P	01 28 00.3 -0.9
G14A	Jackson	87.95	39	↑P	P	01 28 01.8 +0.1
O19A	Miners Draw (B	88.00	45	↑P	P	01 28 01.8 -0.3
MCMT	McKenzie Canyo	88.08	40	eP	P	01 28 02.2 -0.1
P20A	De Beque	88.08	46	↑P	P	01 28 02.1 -0.4
R21A	Clatsop	88.08	47	↑P	P	01 28 02.6 +0.1
CPRX	Cap Rock	88.17	53	eP	P	01 28 02.8 -0.3
RR12	Red Ridge	88.20	42	eP	P	01 28 04.5 +1.5
E13A	Victor	88.20	38	↑P	P	01 28 01.9 -1.0
127A	Arkansas Junct	88.39	54	↑P	P	01 28 04.1 0.0
GYA	Guyiang	88.42	299	eP	P	01 28 05.5 +1.1
GYA				SS	PP	01 31 37.5 +2.5
GYA				S	P	01 38 37.5 +1.5
GYA	comp=Z,10.0nm,1.0s,mb4.6			pmax	pmax	
A11A	Hall Mountain,	88.46	35	↑P	P	01 28 04.3 +0.3
G15A	Dillon	88.48	40	↑P	P	01 28 03.6 -0.6
TPAW	Teton Pass	88.50	42	eP	P	01 28 04.2 -0.2
E14A	Clintan	88.58	38	↑P	P	01 28 04.1 -0.5
L19A	Farson	88.78	43	↑P	P	01 28 04.5 -1.2
LOHW	Lang Hollow	88.78	42	eP	P	01 28 06.3 +0.7
G16A	Moss Hill, Enn	88.92	40	↑P	P	01 28 05.4 -0.9
QLMT	Earthquake Lak	88.93	40	eP	P	01 28 07.1 +0.7
J18A	Kendall Valley	88.93	42	↑P	P	01 28 05.3 -1.1
D14A	Greenough	88.95	38	↑P	P	01 28 05.4 -1.0
H16A	Russell Place,	88.97	40	↑P	P	01 28 06.9 +0.4
PDAR	Pinedale Array	88.99	43	P	P	01 28 06.9 +0.2
B13A	Whitfish	89.14	36	↑P	P	01 28 06.5 -0.8
COLA	College	89.17	12	eP	P	01 28 07.0 0.0
BOZ	Bozeman (W)	89.25	39	↑P	P	01 28 07.9 +0.1
BOZ	Bozeman (W)	89.25	39	eP	P	01 28 08.1 +0.3
E16A	East Helena	89.70	39	↑P	P	01 28 09.7 -0.2
HRY	Holter Researc	89.70	38	eP	P	01 28 09.8 -0.1
A14A	Double T Ranch	90.05	36	↑P	P	01 28 11.2 -0.3
DAWY	Dawson	90.32	15	eP	P	01 28 11.4 -0.9
C16A	Fuhringer Ranc	90.34	38	↑P	P	01 28 12.2 -0.7
BILL	Bilibino	90.44	354	eP	P	01 28 10.4 -2.4
EGAK	Eagle	90.50	14	eP	P	01 28 15.0 +1.8
F18A	Big Timber	90.52	40	↑P	P	01 28 13.8 +0.1
D17A	Six Diamond Ra	90.60	39	↑P	P	01 28 13.9 -0.2
C17A	Wharram Farm,	90.81	38	↑P	P	01 28 14.9 -0.2
A16A	West Butte Ran	91.05	37	↑P	P	01 28 16.0 -0.1
KMI	Kunming	91.10	297	P	P	01 28 18.0 +1.1
KMI				pmax	pmax	
B17A	L&G Farms, Che	91.14	38	↑P	P	01 28 16.0 -0.6
HHC	Hu-ho-hao-te	91.18	314	eP	PP	01 28 19.3 +2.4
HHC				S	SS	01 32 00.3 +3.7
HHC				S	S	01 39 02.5 +1.7
HHC	comp=Z,18nm,0.5s,mb5.4			pmax	pmax	
HHC	comp=Z,200nm,6.4s			pmax	pmax	
HHC	comp=N,860nm,17.8s			LR	LR	
HHC	comp=E,600nm,19.0s			LR	LR	
HHC	comp=Z,1um,19.0s			LR	LR	
A17A	Triple J Farms	91.55	37	↑P	P	01 28 17.9 -0.5
CMAR	Chiang Mai Arr	91.78	289	P	P	01 28 20.7 +0.5
CHTO	Chiang Mai	91.91	289	eP	P	01 28 20.9 +0.1
CD2	Chengdu	92.58	302	eP	P	01 28 24.5 +0.8
CD2				SS	SS	01 32 15.5 +7.7
CD2				S	SS	01 39 13.8 0.0
CD2				S	SS	01 45 33.0 +2.6
CD2	comp=Z,10.0nm,0.8s,mb5.0			pmax	pmax	
CD2	comp=Z,100nm,6.8s			pmax	pmax	
WMOK	Wichita Mount	92.72	54	eP	P	01 28 23.4 -0.8
RSSD	Glack Hills	93.16	43	eP	P	01 28 25.6 -0.4
LZH	Lanzhou	94.58	307	eP	PP	01 28 34.5 +1.8
LZH				PP	PP	01 32 26.3 +3.0
LZH				pmax	pmax	
YKA	Yellowknife Ar	97.12	24	P	P	01 28 42.2 -1.3
YKA				pP	pP	01 29 32.5 +6.8
YKA				PKKPbc	PKKPbc	01 45 21.9 -3.5
ZALV	Zalesovo Beam	112.31	321	PKKP	PKKP	01 33 34.6 -1.8
MK31	Nakanchi Array	113.03	312	eP	P	01 33 46.1 -1.9
MKAR	Makanchi Array	113.03	313	PKKP	PKKP	01 33 46.3 -1.8
MKAR	comp=Z,0.6					

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MPMC Manual Prospec, N15A Stansbury Isla, LRMC Laurel Mountai, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like 220A Playas Peak, P, 320A Kipp Ranch, An, 124A Stringfield Ra, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like TKM2 Tokmak 2, PKI Pulchoki, GUN Gumba, etc.

ICD 27 01:45:13.0.0.9, 30:08N:70:50E, h0km, mb3.7/14, mb1.3/9.15, mb1mx3.8/29, mbtmp3.7/15, ML3.5/1, Error ellipse: s-maj=21.4km s-min=17.9km az=22.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like QUE Quetta, CEP Cherat, KBL Kabul, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like AYAN Aya Nagar, NDI New Delhi, SONI Sohna, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like DANN Dangsing, KSH Kashi, KSH Kashi, etc.

NEIC 27 01:57:50.8.0.9.20:39S:177:96W, h500km, mb3.9/2, Error ellipse: s-maj=65.4km s-min=11.3km az=157.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CTA Charters Tower, CTAO Charters Tower, STKA Stephens Creek, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ISVCB 27 02:13:22.4.5.1, 32:46S:0:07:179:7W, etc.

27d 3h

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

ISC 27 03:33:19.9, 1.0, 35.14N, 81.30E, h0km, mb3.4/5, mb1.3/6/10, mb1mx3.5/24, mbmp3.5/10, ML3.1/5, MS3.7/2, Ms1.3/7.2, ms1mx2.9/30, Error ellipse: s-maj=29.9km s-min=18.4km az=63.0

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

ISK 27 03:04:58.5, 37.07N, 30.50E, h77km, MD3.3
ISCJB 27 03:04:59.6, 0.5, 37.11N, 0.04, 30.49E, 0.04, h76km, 6km, Error ellipse: s-maj=6.7km s-min=4.8km az=10.0

2005 APR

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

ISCJB 27 03:08:08.8, 0.4, 38.18N, 0.02, 21.73E, 0.03, h11km, 4km, Error ellipse: s-maj=4.1km s-min=3.5km az=148.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like University Cam, Lakka, Rioliol of Patr, etc.

ISC 27 03:08:09.3, 0.3, 38.22N, 21.74E, h19km, ML3.6/3, Error ellipse: s-maj=7.4km s-min=6.2km az=119.0

1256

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

CSEM 27 03:12:35.0, 3.0, 7.5144N, 16.12E, h1km, ML2.8/4, Error ellipse: s-maj=12.7km s-min=7.8km az=11.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Ksiaz, Upice, Dobruska-Polom, etc.

ISCJB 27 03:25:14.7, 1.0, 67.71N, 0.04, 33.9E, 0.1, h0km, Error ellipse: s-maj=8.1km s-min=5.4km az=8.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Apatity Array, Vario, Rieikki, etc.

ISC 27 03:25:17.6, 0.9, 67.69N, 0.03, 33.7E, 0.2, h0km, n47, s102/73, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Apatity Array, Vario, Rieikki, etc.

ISC 27 03:25:36.3, 67.48N, 30.08E, h0km, ML1.2, Suspected Mining explosion

27d 4h

J08A	Circle Bar Ran	76.93	48	↑P	P	04 49 41.4	-0.2
BMO	Blue Mountains	77.00	46	eP	P	04 49 42.6	+0.6
BMO	Blue Mountains	77.24	46	eP	pP	04 49 53.5	-0.3
I09A	Lost Marbles R	77.13	47	↑P	P	04 49 42.2	-0.4
BEKR	Beckworth	77.23	52	↑P	P	04 49 43.0	-0.4
WVOR	Wild Horse Val	77.24	49	eP	P	04 49 43.7	+0.4
WVOR	Wild Horse Val	77.24	49	eP	pmx	04 49 43.6	+0.3
F11A	Grangeville	77.25	45	↑P	P	04 49 42.5	-0.8
E12A	Beaver Dam Sad	77.36	44	↑P	P	04 49 43.1	-0.8
C13A	Hot Springs	77.36	42	↑P	P	04 49 43.7	-0.2
G11A	Walters Elk Ra	77.40	45	↑P	P	04 49 44.0	-0.2
J09A	Fry Pan Ranch	77.40	47	↑P	P	04 49 44.0	-0.2
KIV	Kislovodsk	77.42	313	eP	P	04 49 46.2	+1.9
KIV	Kislovodsk	77.42	313	eP	pmx	04 49 46.2	+1.9
KIV	Kislovodsk	77.42	313	eP	MLR	04 49 46.2	+1.9
H10A	Noah's Angus R	77.46	46	↑P	P	04 49 44.1	-0.5
JTMT	Jette	77.50	42	eP	P	04 49 45.6	+0.9
ONI	Oni	77.55	312	eP	P	04 49 46.9	+1.9
SWMT	Swartz Lake	77.78	42	eP	P	04 49 46.6	+0.3
GNI	Garni	77.79	309	eP	pmx	04 49 47.7	+1.3
GNI	Garni	77.79	309	eP	P	04 49 49.2	+2.7
A15A	Johnson Ranch,	77.81	41	↑P	P	04 49 45.9	-0.5
H11A	Donnelly	77.89	46	↑P	P	04 49 46.4	-0.5
CMB	Columbia Colle	78.03	53	eP	pmx	04 49 48.1	+0.3
CMB	Columbia Colle	78.03	53	eP	P	04 49 48.1	+0.3
CLB	Columbia Colle	78.03	53	eP	P	04 49 48.2	-0.7
K10A	MacKenzie Ran	78.24	48	↑P	P	04 49 49.3	-0.5
F13A	Darby	78.42	44	↑P	P	04 49 49.3	-0.5
A16A	West Butte Ran	78.48	40	↑P	P	04 49 49.2	-0.9
C15A	Salmond Ranch,	78.48	42	↑P	P	04 49 49.5	-0.6
MFID	Camas Ranch	78.61	47	↑P	P	04 49 50.8	-0.1
B16A	M & M Farms, S	78.68	41	↑P	P	04 49 50.7	-0.5
G13A	Cobalt	78.81	45	↑P	P	04 49 51.7	-0.3
I12A	Atlanta	78.88	46	↑P	P	04 49 52.2	-0.2
C16A	Fuhringer Ranc	78.97	41	↑P	P	04 49 52.6	-0.1
A17A	Triple J Farms	78.99	40	↑P	P	04 49 51.7	-1.2
H13A	Challis	79.06	45	↑P	P	04 49 53.0	-0.4
SUMG	Summit	79.19	0	eP	P	04 49 55.8	+2.2
NVAR	L&G Farms, Che	79.27	41	↑P	P	04 49 53.9	-0.5
B17A	Mina Array Bea	79.30	52	eP	P	04 49 55.2	+0.4
NVAR	Mina Array Bea	79.30	52	eP	pP	04 50 07.1	+0.4
NVAR	Mina Array Bea	79.30	52	eP	P	04 49 55.2	+0.3
HLID	Hailey	79.44	46	↑P	P	04 49 55.4	-0.1
HLID	Hailey	79.44	46	↑P	P	04 49 55.7	+0.2
HLID	Hailey	79.44	46	↑P	pP	04 50 07.6	+0.2
H13A	Wildhorse Cree	79.46	42	↑P	P	04 49 55.5	-0.1
IRY	Holter Researc	79.47	47	↑P	P	04 49 56.3	+0.7
A18A	Metzger Ranch,	79.48	40	↑P	P	04 49 55.6	0.0
F15A	Butte	79.51	43	↑P	P	04 49 56.0	+0.2
LRM	Limekiln Ridge	79.54	43	↑P	P	04 49 56.3	+0.3
H14A	Leadore	79.58	45	↑P	P	04 49 55.8	-0.5
M11A	Holland Ranch,	79.58	49	↑P	P	04 49 56.2	-0.1
C17A	Wharram Farm,	79.62	41	↑P	P	04 49 56.0	-0.4
E16A	East Helena	79.65	43	↑P	P	04 49 56.8	+0.2
J13A	Cove Ranch, Pi	79.68	46	↑P	P	04 49 57.1	+0.3
DLMT	Dillon	79.69	44	eP	P	04 49 57.4	+0.6
L12A	House Creek Ra	79.75	48	↑P	P	04 49 57.0	-0.2
B18A	Beardsley Farm	79.80	40	↑P	P	04 49 57.0	-0.3
G15A	Dillon	79.85	44	↑P	P	04 49 57.7	+0.1
I14A	Mackay	79.87	45	↑P	P	04 49 58.2	+0.4
D17A	Six Diamond Ra	79.92	42	↑P	P	04 49 57.2	-0.8
YES	Vestal, Richgr	79.95	55	↑P	P	04 49 57.6	-0.8
F16A	Kennard Place,	80.06	43	↑P	P	04 49 58.1	-0.7
K13A	Stover Farm, H	80.10	47	↑P	P	04 49 58.4	-0.6
BOZ	Bozeman (W)	80.13	43	eP	pmx	04 49 59.9	+0.7
BOZ	Bozeman (W)	80.13	43	eP	pmx	04 49 59.9	+0.7
BOZ	Bozeman (W)	80.13	43	eP	P	04 49 59.9	+0.8
J14A	Carey	80.13	46	↑P	P	04 49 59.4	+0.2
M12A	Wells	80.17	48	↑P	P	04 50 00.1	+0.6
G16A	Moss Hill, Enn	80.24	44	↑P	P	04 49 59.1	-0.6
FFC	Flin Flon	80.32	32	eP	P	04 50 02.8	+2.8
FFC	Flin Flon	80.32	32	eP	P	04 49 59.6	-0.4
FFC	Flin Flon	80.32	32	eP	pP	04 50 11.8	-0.2
N12A	Clover Valley,	80.36	49	↑P	P	04 50 00.3	-0.2
UMR	Umm Al-Rimmam	80.42	298	eP	P	04 50 01.4	+0.3
UMR	Umm Al-Rimmam	80.42	298	eP	AMB	04 50 02.2	0.0
L13A	Double Diamond	80.47	47	↑P	P	04 50 02.2	+1.1
NACGM	Naroch	80.49	328	eP	P	04 50 10.0	+9.1
MIB	Mutribah	80.60	299	eP	P	04 50 02.1	+0.1
MIB	Mutribah	80.60	299	eP	AMB	04 50 03.5	0.0
GRAC	Grapevine Rang	80.63	53	↑P	P	04 50 02.5	+0.4
QRN	Al-Qurain	80.64	298	eP	P	04 50 02.2	0.0
QRN	Al-Qurain	80.64	298	eP	AMB	04 50 03.2	0.0
QLMT	Earthquake Lak	80.67	44	↑P	P	04 50 03.1	+0.6
E18A	Harlowton	80.67	42	↑P	P	04 50 02.6	+0.6
S10A	Tonopah Range,	80.73	52	↑P	P	04 50 03.1	+0.6
J15A	Blackfoot	80.78	46	↑P	P	04 50 04.0	+1.3
RDF	Al-Radifah	80.84	298	eP	P	04 50 03.2	-0.1

2008 APR

RDF	comp=Z,5.9nm,0.7s,mb5.7						
Q12A	Currie	80.84	49	↑P	P	04 50 03.5	+0.4
Q11A	Duckwater	80.93	51	↑P	P	04 50 03.5	-0.1
L14A	Malta	80.95	47	↑P	P	04 50 03.2	-0.4
MPMC	Manual Prospec	80.99	54	↑P	P	04 50 03.7	-0.3
YMR	Madison River	81.03	44	eP	P	04 50 05.3	+1.3
P12A	McGill	81.13	50	↑P	P	04 50 04.5	-0.1
LRMC	Laurel Mountai	81.13	55	↑P	P	04 50 03.2	-1.5
F18A	Big Timber	81.14	42	↑P	P	04 50 04.9	+0.3
M14A	Sheep Mountain	81.15	48	↑P	P	04 50 04.2	-0.5
FCC	Fort Churchill	81.15	26	eP	P	04 50 04.5	+0.2
FCC	Fort Churchill	81.15	26	eP	pP	04 50 15.4	-0.9
EDW2	Edwards Air Fo	81.20	55	↑P	P	04 50 04.7	-0.4
R11A	Troy Canyon, C	81.22	51	↑P	P	04 50 04.8	-0.3
FURC	Furnace Creek,	81.24	53	↑P	P	04 50 04.7	-0.6
Q12A	Willow Creek R	81.39	50	↑P	P	04 50 05.5	-0.5
S11A	Rachel	81.45	52	↑P	P	04 50 06.7	+0.3
IMW	Indian Meadow	81.45	45	eP	P	04 50 07.6	+1.4
DCID1	Drake Creek	81.46	45	eP	P	04 50 08.7	+2.4
RR12	Ridge	81.50	45	eP	P	04 50 08.3	+1.8
K16A	Soda Springs	81.60	46	↑P	P	04 50 06.9	-0.2
TPAW	Teton Pass	81.66	45	eP	P	04 50 08.8	+1.4
P13A	Bates Ranch, G	81.73	50	↑P	P	04 50 07.3	-0.5
M15A	Larsen Ranch,	81.75	47	↑P	P	04 50 07.6	-0.3
AKASG	Malin Array Be	81.75	324	iP	P	04 50 08.0	+0.3
AKASG	Malin Array Be	81.75	324	iP	pmx	04 50 07.3	-0.4
AKASG	Malin Array Be	81.75	324	iP	pmx	04 50 19.2	-0.5
SNOW	Snow King Moun	81.79	45	eP	P	04 50 09.8	+1.8
LOHW	Long Hollow	81.81	45	↑P	P	04 50 08.8	+0.7
RLMT	Red Lodge	81.82	43	↑P	P	04 50 08.9	+0.7
RLMT	Red Lodge	81.82	43	↑P	P	04 50 09.5	+1.4
GLSC	Goldstone	81.84	54	↑P	P	04 50 08.2	-0.3
GSC	Goldstone	81.84	54	eP	P	04 50 08.5	0.0
GSC	Goldstone	81.84	54	eP	pP	04 50 19.4	-1.0
R12A	Pony Springs,	81.90	51	↑P	P	04 50 08.0	-0.7
Q13A	Wheeler Ranch,	81.98	50	↑P	P	04 50 08.5	-0.7
T11A	Corn Creek, Al	82.01	52	↑P	P	04 50 09.3	-0.1
DUG	Dugway	82.16	48	eP	pP	04 50 10.4	+0.3
DUG	Dugway	82.16	48	eP	pmx	04 50 22.0	0.0
DUG	Dugway	82.16	48	eP	P	04 50 10.1	+0.1
DUG	Dugway	82.16	48	eP	P	04 50 10.3	+0.3
DUG	Dugway	82.16	48	eP	pP	04 50 21.9	-0.1
HWUT	Hardware Ranch	82.25	47	eP	P	04 50 11.3	+0.9
HWUT	Hardware Ranch	82.25	47	eP	pP	04 50 22.2	-0.2
P14A	Drum Mountains	82.30	49	↑P	P	04 50 10.1	-0.7
J18A	Kendall Valley	82.38	45	↑P	P	04 50 11.3	+0.2
HEC	Hector,Ludlow	82.42	55	↑P	P	04 50 10.8	-0.7
Q14A	Sevier Lake (B	82.47	50	↑P	P	04 50 11.5	-0.1
NB2	NORSAR	82.48	338	P	P	04 50 11.0	-0.3
NOA	NORSAR Arr B	82.48	338	P	P	04 50 11.0	-0.3
NOA	NORSAR Arr B	82.48	338	P	pP	04 50 22.5	-0.8
K18A	Toltan Ranch,	82.67	45	↑P	P	04 50 12.4	-0.3
LAO	LASA Array	82.74	40	eP	P	04 50 15.8	+2.8
LAO	LASA Array	82.74	40	eP	pP	04 50 25.0	+0.1
JLU	Jordanelle	82.84	48	eP	P	04 50 14.2	+0.6
JLU	Jordanelle	82.84	48	eP	pP	04 50 25.5	-0.1
BW06	Boulder Array	82.90	45	↑P	P	04 50 13.5	-0.4
BW06	Boulder Array	82.90	45	↑P	P	04 50 13.9	0.0
PDAR	Pinedale Array	82.90	45	↑P	P	04 50 13.9	+0.1
PDAR	Pinedale Array	82.90	45	↑P	pP	04 50 25.9	+0.1
GMRC	Granite Mounta	82.92	54	↑P	P	04 50 13.6	

C08A	Higginbotham F	123.74	36	↑P	PKPdf	05 21 33.1 +0.2
EDM	Edmonton Rice	123.75	29	ePKIKP	PKPdf	05 21 33.5 +0.7
B09A	Wollman Farm,	123.94	35	↑P	PKPdf	05 21 34.5 +1.2
C09A	Chrisman Ranch	124.17	36	↑P	PKPdf	05 21 35.0 +1.2
E08A	Older Farm, El	124.36	38	↑P	PKPdf	05 21 35.5 +1.4
H06A	Lindquist Farm	124.38	40	↑P	PKPdf	05 21 34.9 +0.7
D09A	Jones Farm, Ri	124.53	37	↑P	PKPdf	05 21 35.5 +1.0
K05A	Summer Lake	124.88	43	↑P	PKPdf	05 21 36.4 +1.1
G08A	Pilot Rock	124.99	39	↑P	PKPdf	05 21 36.2 +0.8
A12A	Yaak River Ran	125.08	34	↑P	PKPdf	05 21 36.8 +1.4
LN0R	Linton Mounta	125.13	38	ePKIKP	PKPdf	05 21 35.9 +0.4
D10A	Wagner Farm, O	125.15	36	↑P	PKPdf	05 21 36.4 +0.7
I07A	Izee	125.20	41	↑P	PKPdf	05 21 37.2 +1.3
F09A	S2 Ranch, Elgi	125.44	38	↑P	PKPdf	05 21 37.2 +1.0
H08A	Prairie City	125.53	40	↑P	PKPdf	05 21 36.8 +0.3
E10A	Myers Farm, Un	125.54	37	↑P	PKPdf	05 21 36.9 +0.5
MOD	Mladek	125.62	43	ePKPdf	PKPdf	05 21 37.6 +0.9
D11A	Klaveano Farm,	125.70	36	↑P	PKPdf	05 21 36.5 -0.2
F10A	Beach Ranch, E	125.72	38	↑P	PKPdf	05 21 37.4 +0.6
G09A	Cove	125.73	39	↑P	PKPdf	05 21 36.8 0.0
A13A	Flathead Natio	125.75	33	↑P	PKPdf	05 21 37.9 +1.2
B13A	Whitefish	126.04	34	↑P	PKPdf	05 21 38.0 +0.7
H09A	Durkee	126.10	39	↑P	PKPdf	05 21 38.1 +0.5
G10A	Bishop Farm, J	126.13	38	↑P	PKPdf	05 21 37.8 +0.2
E11A	Bogner Ranch,	126.14	37	↑P	PKPdf	05 21 35.7 -1.9
BSMT	Basson Peak	126.16	34	ePKPdf	PKPdf	05 21 38.3 +0.8
J08A	Circle Bar Ran	126.19	41	↑P	PKPdf	05 21 37.4 -0.4
BMO	Blue Mountains	126.23	39	ePKIKP	PKPdf	05 21 37.7 -0.1
D12A	Red Ives Fores	126.27	36	↑P	PKPdf	05 21 38.2 +0.4
C13A	Hot Springs	126.37	35	↑P	PKPdf	05 21 36.2 -1.8
I09A	Lost Marbles R	126.38	40	↑P	PKPdf	05 21 38.3 +0.2
BEKR	Beckwourth	126.40	46	↑P	PKPdf	05 21 39.3 +1.0
F11A	Grangeville	126.41	37	↑P	PKPdf	05 21 38.5 +0.4
FCC	Fort Churchill	126.44	14	ePKIKP	PKPdf	05 21 38.0 +0.4
WVOR	Wild Horse Val	126.50	42	ePKIKP	PKPdf	05 21 39.6 +1.2
G11A	Walters Elk Ra	126.59	38	↑P	PKPdf	05 21 38.3 -0.2
A15A	Johnson Ranch,	126.63	32	↑P	PKPdf	05 21 38.9 +0.4
J09A	Fry Pan Ranch,	126.67	41	↑P	PKPdf	05 21 39.8 +1.1
H10A	Noah's Angus R	126.71	39	↑P	PKPdf	05 21 38.5 -0.2
D13A	Huson	126.76	35	↑P	PKPdf	05 21 38.5 -0.2
C14A	Swan Lake	126.78	34	↑P	PKPdf	05 21 39.7 +0.9
SWMT	Swartz Lake	126.79	34	ePKPdf	PKPdf	05 21 39.5 +0.7
F12A	Elk City	127.02	37	↑P	PKPdf	05 21 39.1 -0.1
H11A	Donnelly	127.10	38	↑P	PKPdf	05 21 40.0 +0.6
B15A	Bradley Ranch,	127.11	33	↑P	PKPdf	05 21 39.8 +0.4
MSO	Missoula	127.20	35	ePKPdf	PKPdf	05 21 40.4 +0.8
ALMT	Seely Lake	127.22	34	ePKPdf	PKPdf	05 21 40.0 +0.4
S16A	West Butte Ran	127.25	32	↑P	PKPdf	05 21 40.5 +0.9
E13A	Victor	127.27	36	↑P	PKPdf	05 21 41.0 +1.2
G12A	Big Creek, Yel	127.31	38	↑P	PKPdf	05 21 39.8 -0.1
D14A	Greenough	127.31	35	↑P	PKPdf	05 21 39.5 -0.3
C15A	Salmond Ranch,	127.41	34	↑P	PKPdf	05 21 40.7 +0.8
FFC	Flin Flon	127.45	21	iPKIKP	PKPdf	05 21 41.0 +1.2
FFC	Flin Flon	127.45	21	ePKPdf	PKPdf	05 21 40.3 +0.4
K10A	MacKenzie Ranc	127.51	41	↑P	PKPdf	05 21 42.1 +1.8
I11A	Placerville	127.54	39	↑P	PKPdf	05 21 41.3 +1.0
CHMT	Chamberlain Mo	127.55	35	ePKPdf	PKPdf	05 21 41.0 +0.8
F13A	Darby	127.55	36	↑P	PKPdf	05 21 40.7 +0.4
E14A	Clinton	127.69	35	↑P	PKPdf	05 21 41.8 +1.3
A17A	Triple J Farms	127.71	31	↑P	PKPdf	05 21 41.1 +0.6
MFID	Camas Ranch	127.86	40	↑P	PKPdf	05 21 42.5 +1.6
D15A	Lincoln	127.88	34	↑P	PKPdf	05 21 41.5 +0.6
H12A	Diamond D Ranc	127.89	38	↑P	PKPdf	05 21 42.0 +1.0
K11A	Parker Ranch,	128.05	40	↑P	PKPdf	05 21 42.5 +1.2
B17A	L&G Farms, Che	128.07	32	↑P	PKPdf	05 21 41.5 +0.3
F14A	Wisdom	128.10	36	↑P	PKPdf	05 21 43.0 +1.6
L10A	Juniper Basin	128.10	41	↑P	PKPdf	05 21 42.8 +1.3
A12A	Atlanta	128.11	39	↑P	PKPdf	05 21 43.0 +1.6
A18A	Metzger Ranch,	128.17	31	↑P	PKPdf	05 21 41.0 -0.3
E15A	Deer Lodge	128.17	35	↑P	PKPdf	05 21 42.7 +1.3
H13A	Challis	128.25	38	↑P	PKPdf	05 21 42.9 +1.2
G14A	Jackson	128.36	37	↑P	PKPdf	05 21 42.9 +1.0
I14A	Stokes Ranch,	128.41	40	↑P	PKPdf	05 24 46.2 +2.8
D16A	Dana Ranch, Ca	128.43	34	↑P	PKPdf	05 21 43.5 +1.5
NVAR	Mina Array Bea	128.44	46	PKP	PKPdf	05 21 43.6 +1.4
NVAR	comp=Z,1.9nm,0.7s,baz=261,slow=2.5,SNR=15					
HRV	Hotter Researc	128.46	34	ePKPdf	PKPdf	05 24 58.5
C17A	Wharram Farm,	128.49	33	↑P	PKPdf	05 21 43.2 +1.2
L11A	Cat Creek Ranc	128.52	41	↑P	PKPdf	05 21 44.1 +1.9
HLID	Hailey	128.68	39	↑P	PKPdf	05 21 43.0 +0.4
HLID	Hailey	128.68	39	ePKPdf	PKPdf	05 21 44.8 +2.3
I13A	Wildhorse Cree	128.68	38	↑P	PKPdf	05 21 43.3 +0.8
H14A	Leadore	128.76	37	↑P	PKPdf	05 21 44.6 +2.0
EGMT	Eagleton	128.78	32	ePKPdf	PKPdf	05 21 43.6 +1.0
DLMT	Dillon	128.80	36	ePKPdf	PKPdf	05 21 44.6 +1.9
D17A	Six Diamond Ra	128.82	33	↑P	PKPdf	05 21 43.0 +0.3
K11A	Draper Farm, C	128.84	40	↑P	PKPdf	05 21 45.4 +2.5
M12A	Holland Ranch,	128.85	42	↑P	PKPdf	05 21 45.4 +2.5
J13A	Cove Ranch, Pi	128.91	39	↑P	PKPdf	05 21 44.7 +1.7
G15A	Dillon	128.97	36	↑P	PKPdf	05 21 43.5 +0.5

G15A	House Creek Ra	129.01	41	↑P	PKPdf	05 21 45.4 +2.2
F16A	Kenard Place,	129.12	35	↑P	PKPdf	05 21 44.7 +1.4
E17A	Martinsdale	129.15	34	↑SKPbc		05 25 00.2
H15A	Lima	129.19	37	↑P	PKPdf	05 21 43.7 +0.3
H15A	Bozeman (W)	129.19	35	↑P	PKPdf	05 25 00.8
BOZ	Bozeman (W)	129.19	35	↑P	PKPdf	05 21 44.8 +1.4
BOZ	Bozeman (W)	129.19	35	ePKPdf	PKPdf	05 21 45.0 +1.5
D18A	Linhart Farms,	129.27	33	↑P	PKPdf	05 21 44.7 +1.2
G16A	Moss Hill, Enn	129.33	36	↑P	PKPdf	05 21 45.7 +2.0
K13A	Stover Farm, H	129.35	40	↑P	PKPdf	05 21 45.2 +1.4
K13A	Carey	129.36	39	↑P	PKPdf	05 25 02.0
J14A	Carey	129.36	39	↑P	PKPdf	05 21 45.5 +1.7
J14A	Wells	129.44	41	↑P	PKPdf	05 25 01.6
M12A	Wells	129.44	41	↑P	PKPdf	05 21 46.1 +2.1
O11A	Cowboy Ranch,	129.55	43	↑P	PKPdf	05 21 46.1 +1.8
F17A	Fitzpatrick Pl	129.59	34	↑P	PKPdf	05 21 46.1 +2.0
E18A	Harlowton	129.60	33	↑P	PKPdf	05 21 45.3 +1.2
N12A	Clover Valley,	129.63	42	↑P	PKPdf	05 21 44.9 +0.5
N12A	Clover Valley,	129.63	42	ePKPdf	PKPdf	05 21 46.3 +1.9
L13A	Double Diamond	129.73	40	↑P	PKPdf	05 21 45.0 +0.4
L13A	Earthquake Lak	129.78	36	ePKPdf	PKPdf	05 25 02.5
QLMT	Earthquake Lak	129.78	36	ePKPdf	PKPdf	05 21 47.3 +2.7
S10A	Topnah Range,	129.86	46	↑P	PKPdf	05 21 45.1 +0.1
S10A	Pierce Place,	129.89	35	↑SKPbc		05 25 03.2
G17A	Pierce Place,	129.89	35	↑SKPbc		05 25 02.8
M13A	Montello	129.95	41	↑P	PKPdf	05 21 46.4 +1.3
M13A	Montello	129.95	41	↑P	PKPdf	05 25 03.7
M13A	Montello	129.95	41	ePKPdf	PKPdf	05 21 46.4 +1.3
H16A	Fitzpatrick Pl	129.96	36	↑SKPbc		05 25 04.1
MPMC	Manuel Prospe	129.98	49	↑P	PKPdf	05 21 44.8 -0.4
MPMC	Manuel Prospe	129.98	49	↑P	PKPdf	05 25 03.8
K14A	Jones Ranch, D	129.98	39	↑P	PKPdf	05 21 46.8 +1.8
K14A	Blackfoot	129.98	38	↑P	PKPdf	05 25 04.4
J15A	Blackfoot	129.98	38	↑P	PKPdf	05 21 46.1 +1.1
J15A	Blackfoot	129.98	38	↑P	PKPdf	05 25 03.4
LRMC	Laurel Mountai	130.05	50	↑SKPbc		05 25 04.4
O12A	Currie	130.10	43	↑SKPbc		05 25 04.4
F18A	Big Timber	130.12	34	↑SKPbc	SKPbc	05 25 03.9 +4.0
Q11A	Duckwater	130.14	45	↑P	PKPdf	05 21 46.7 +1.3
Q11A	Duckwater	130.14	45	↑P	PKPdf	05 25 04.8 +4.6
YMR	Madison River	130.14	36	ePKPdf	PKPdf	05 21 46.8 +3.3
L14A	Malta	130.21	40	↑SKPbc	SKPbc	05 25 04.5 +4.1
FURC	Furnace Creek,	130.28	48	↑P	PKPdf	05 21 47.4 +1.6
FURC	Furnace Creek,	130.28	48	↑P	PKPdf	05 25 04.1 +3.2
I16A	Neudale	130.29	37	↑SKPbc	SKPbc	05 25 02.5 +4.6
K15A	Arbon	130.31	39	↑P	PKPdf	05 21 46.7 +1.1
P12A	McGill	130.37	44	↑P	PKPdf	05 21 45.6 -0.3
P12A	McGill	130.37	44	↑P	PKPdf	05 25 05.2 +4.1
R11A	Troy Canyon, C	130.41	45	↑P	PKPdf	05 21 46.1 +0.1
R11A	Troy Canyon, C	130.41	45	↑P	PKPdf	05 25 05.3 +4.0
M14A	Sheep Mountain	130.41	41	↑P	PKPdf	05 21 47.1 +1.2
M14A	Sheep Mountain	130.41	41	↑P	PKPdf	05 25 05.4 +4.2
H17A	Grant Village	130.53	36	↑SKPbc	SKPbc	05 25 07.8 +6.2
J16A	Bone	130.55	38	↑SKPbc	SKPbc	05 25 06.1 +4.4
G18A	Lazy Elk Ranch,	130.56	34	↑SKPbc	SKPbc	05 25 06.5 +4.9
Q12A	Willow Creek R	130.62	44	↑SKPbc	SKPbc	05 25 06.3 +4.2
RR12	Red Ridge	130.69	38	ePKPdf	PKPdf	05 21 48.3 +1.9
U10A	Ash Meadows, A	130.69	48	↑P	PKPdf	05 21 48.8 +2.3
L15A	Malad City	130.76	40	↑P	PKPdf	05 21 45.8 -0.7
L15A	Malad City	130.76	40	↑P	PKPdf	05 25 06.5 +4.0
GSC	Goldstone	130.78	50	ePKIKP	PKPdf	05 21 49.7 +2.9
GSC	Goldstone	130.78	50	↑SKPbc	PKPdf	05 25 05.8 +3.0
K16A	Soda Springs</					

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LAKA, Riolois of Patr, Efpalio, Trizonia, etc.

ISC/JB 27 05:40:19.9-0.9, 49.28N, 0.06-156.4E, 0.1, h60km, 7km, mb4.0/31, MS3.4/3, Error ellipse: s-maj=13.0km, s-min=7.5km az=39.6

KRSC 27 05:40:19.7-1.1, 49.28N, 157.16E, h51km, 50km, ML4.5, MOS 27 05:40:19.9-1.7, 49.53N, 155.96E, h50km, mb4.2/16, Error ellipse: s-maj=16.9km s-min=6.3km az=75.8

NEIC 27 05:40:23.2, 1.5, 49.42N, 156.08E, h71km, 13km, mb4.1/5, Error ellipse: s-maj=11.7km s-min=8.6km az=143.0

IDC 27 05:40:24.3-2.3, 49.42N, 156.05E, h81km, 19km, mb3.6/19, Ms1 3.8/22, mb1mx3.7/28, mbtmp3.6/22, MS3.5/3, Ms1 3.4/3, ms1mx2.9/30, Error ellipse: s-maj=17.7km s-min=11.2km az=141.0

ISC 27 05:40:22.2-0.8, 49.32N, 0.06-156.29E, 0.10, h64km, 6km, n6, c099/102, mb4.0/31, 1C, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SKR Severo-Kuril's, ALID Alaid, MALI Malaya Ipel'ka, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ASAJ Asahikawa, BJL Bilibino, KSR Korea Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, ARCES ARCESS Array B, etc.

IDC 27 06:02:34.8-0.9, 15.14S, 173.37W, h0km, mb3.9/6, mb1 4.1/6, mb1mx3.9/18, mbtmp3.9/6, Error ellipse: s-maj=51.1km s-min=18.1km az=144.0, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, URZ Stephens Creek, etc.

ISC/JB 27 06:29:39.8-0.2, 63.13N, 0.03-150.32W, 0.06, h117km, 2km, mb4.2/17, Error ellipse: s-maj=5.0km, s-min=4.2km az=26.3

IDC 27 06:29:39.4, 1.6, 63.11N, 150.55W, h97km, 17km, mb3.7/13, mb1 3.9/17, mb1mx3.6/28, mbtmp3.8/17, MS3.4/1, Ms1 3.3/1, ms1mx2.4/30, Error ellipse: s-maj=16.5km s-min=13.7km az=122.0

BUI 27 06:29:41.9, 63.29N, 151.29W, h101km, mb4.7/2, mb4.8/6, NEIC 27 06:29:41.3, 63.11N, 150.29W, h107km, MG3.9(AEIC), After AEIC

ISC 27 06:29:41.0-0.2, 63.11N, 0.03-150.32W, 0.06, h111km, 2km, h103km, 4.4km, pp-P, n68, c077/75, mb4.2/17, Central Alaska

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TRF Thorofare Moun, KTH Kantishna Hill, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DIV Divide, MENT Mentasta, SEW Seward, etc.

GEN 27 06:38:15.8, 43.93N, 12.08E, h4km, ML 1.7, ISC/JB 27 06:38:16.9, 0.6, 43.91N, 12.05E, 12.00E, 0.06, h14km, 8km, mb4.0/31, MS3.4/3, Error ellipse: s-maj=9.0km s-min=4.5km az=36.9

ROM 27 06:38:16.6, 0.2, 43.91N, 12.03E, h6km, 1km, Mdz 3/11, MI1 9/7, Error ellipse: s-maj=1.9km s-min=1.1km az=51.0

CSEM 27 06:38:17.0, 0.2, 43.91N, 12.00E, h15km, ML2.6, Error ellipse: s-maj=5.1km s-min=2.8km az=20.0

ISC 27 06:38:17.4, 0.6, 43.92N, 0.05-12.01E, 0.06, h10km, 9km, n27, c088/42, Central Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SFI Santa Sofia, ASQU Asqua, etc.

27D 7h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FSSB Fossombrone, FNVD Fontana Vidola, CSNT Castellina Chi, etc.

CSEM 27 06:38:22.6:0.1, 40.36N:25.43E, h15km, MD2.7, Error ellipse: s-maj=2.3km s-min=1.9km az=173.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GADA Gvkgeada, LIA Limnos Island, ENEZ Enez, etc.

CSEM 27 06:40:36.2:0.5, 40.38N:25.37E, h15km, MD3.1, Error ellipse: s-maj=12.8km s-min=11.4km az=115.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LIA Limnos Island, ENEZ Enez, RDO Rodhopi, etc.

NEIC 27 07:11:09.8:3.4, 23.84N:122.31E, h10km, Error ellipse: s-maj=34.4km s-min=11.2km az=93.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HWA Hwalien, TWD Tachien, NACS Ninganchiao, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YULB Yuli, TWE Neicheng, TWE Tachien, etc.

2008 APR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YUS baz=239, CHKT Chengkung, CHKT baz=195, NSTT Nanjuang, etc.

IDC 27 07:17:21.8:3.6, 6.02S:147.03E, h0km, mb3.4/2, mb1.3/3, mb1mx3.4/16, mbtmp3.3/3, ML3.4/1, Error ellipse: s-maj=107.2km s-min=44.4km az=114.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Waramunga Ar, ASAR Alce Springs, FITZ Fitzroy Crossi, etc.

MOS 27 07:21:52.9:0.1, 51.61N:176.43W, h33km, mb5.1/96, MS4.3/28, Error ellipse: s-maj=6.9km s-min=4.8km az=83.3

BUI 27 07:21:53.9:1.5, 91.96N:176.82W, h26km, mb5.2/31, mb5.4/64z, MS4.9/40, MS7.4/640, ISCJB 27 07:21:53.0:3.0, 1.51:52N:0.03:176:42W:0.02, h37km, mb5.0/241, MS4.4/64, Error ellipse: s-maj=4.2km s-min=1.8km az=3.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ADK Adak, GSTR Great Sitkin T, ATKA Atka, etc.

1266

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OHAK Old Harbor, TNA Tin City, SVWZ Sparrevohn, KDAK Kodiak Island, etc.

27d 7h

2008 APR

1268

Table with columns: ID, Name, Time, Date, Status, and other details. Includes entries like M13A Montello, M13A Madison River, YMR Madisson River, etc.

Table with columns: ID, Name, Time, Date, Status, and other details. Includes entries like DUG Dugway, Q12A Wheeler Ranch, R13A Pony Springs, etc.

Table with columns: ID, Name, Time, Date, Status, and other details. Includes entries like M20A Sweetwater, SRU San Rafael, SRU San Rafael, etc.

Table with columns: MFF, Saint Martin d, 82.19, 3 eP, P, 07 34 10.1 -1.7, etc. Lists various stations and their coordinates.

Table with columns: STKA, Stephens Creek, 90.88 215, P, P, 07 34 54.3 0.0, etc. Lists various stations and their coordinates.

IGQ 27 07:37:25.4, 2916'S:78°23'W, h12km, 3km, Mb4.3, Ms4.1, 10C-10D, Error ellipse: s-maj=7.4km s-min=2.7km az=163.7, Ecuador

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists various stations and their coordinates.

IDC 27 07:45:19.3:26.0, 22°56'S:172°17'W, h0km, mb4.4/4, mb1.4/5.4, mb1mx4.0/17, mbtmp4.4/4, Error ellipse: s-maj=475.5km s-min=143.5km az=77.0, Tonga Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists various stations and their coordinates.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists various stations and their coordinates.

GEN 27 07:46:26.0, 43°93'N:12°14'E, h7km, ML2.4
ISCJB 27 07:46:26.0:3, 43°99'N:02°11'96E:0.03, h10km, Error ellipse: s-maj=3.6km s-min=2.5km az=29.9
ROM 27 07:46:27.9:0.2, 43°89'N:12°01'E, h8km, 1km, Md2.8/18,

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Hall Mountain, Mt Trumbull, Hicks Ranch, Beaver Dam Sad, Antelope Range, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Charters Tower, Stephens Tower, STKA, ASAR, WRA, FITZ, QSPA, MJAR, PETK, CHGN, CMAR, YKA, AKAS, BRTR, CLL, CLL, GERES, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like La Lucha 2, Quepos, Popocatepetl, Urasca, Mezcala, Buena Vista, El Cayaco, etc.

Code Station Name Δ° AZZ° Phase ID Time Res Code Station Name Δ° AZZ° Phase ID Time Res

Table with columns: ID, Name, Value, Unit, Status, Date, Time, and other details. Rows include Z20A, 218A, Y21A, LAZ, CNNC, SLM, SLM, SLM, ANMO, ANMO, WCI, 217A, 118A, Y20A, X21A, OLIL, OLIL, OLIL, ELN, MTP, 216A, BLA, X20A, K21A, VVWC, BLO, Y18A, W20A, 214A, PCRV, T22A, SDCO, HDIL, JSRW, U19A, 113A, ACSS, CBN, T19A, V17A, X15A, MVCO, MVCO, Z13A, Y14A, WUAZ, WUAZ, MCWV, SCIA, Y13A, U16A, U17A, Q12A, S19A, R20A, V15A, SMCO, ISCO, T17A, PDMCI, S18A, SDMD, R19A, V14A, DVTC, U13A, B53, AAM, Q19A, SSPA, MVL, T15A, U14A, ALLY, V13A, R17A, N22A, T14A, Q18A, GMR, O20A, R16A, S15A, U13A.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, and other details. Rows include V12A, SRU, SRU, SRU, N21A, Q16A, T13A, CCUT, V11A, MSU, P17A, N20A, ARUT, ARUT, S13A, O18A, M21A, RWWY, RWWY, Q15A, N19A, M20A, P16A, O17A, R13A, N18A, S12A, PAL, PAL, Q14A, O16A, BINY, DAU, NLU, NLU, R12A, LRMC, N17A, JLU, P14A, FURC, Q13A, S11A, MPMC, RSSD, RSSD, L19A, M17A, DUG, K20A, P13A, L18A, ARVC, R11A, GRAC, K19A, S10A, HWUT, HWUT, R10A, L17A, P13A, P13A, VES, TRY, L16A, M15A, Q10A, RCTC, K17A, J18A, L15A, HVU, M14A, ACCN, O11A, I18A, K16A, P10A, M13A.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, and other details. Rows include J17A, NCB, NCB, L14A, REDW, REDW, N12A, MLAC, SNOW, LOHW, LOHW, TPWA, K15A, RRI2, NVAR, NVAR, NVAR, J16A, DCIDI, N11A, I17A, M12A, K14A, L13A, O10A, LONY, LONY, IMW, I16A, J15A, H17A, M11A, K13A, RLMT, RLMT, YFT, WAKR, L12A, FRNY, LBNH, J14A, YMR, G18A, I15A, CMB, K12A, H16A, M10A, L11A, QLMT, J13A, I14A, G17A, WCN, L10A, F18A, HLID, HLID, H15A, J12A, I13A, K11A, G16A, MCMT, F17A, H17A, G15A, BOZ, BOZ, I12A, MFID, F16A, BEKR, E18A, DLMT, DLMT, DGMT, H13A, E17A, G14A, LRM, LRM, H12A, F15A, I11A, J10A, G13A.

27d 10h

Table of station data for 27d 10h, including columns for station name, frequency, power, and other technical details.

2008 APR

Table of station data for 2008 APR, including columns for station name, frequency, power, and other technical details.

1276

Table of station data for 1276, including columns for station name, frequency, power, and other technical details.

IDC 27 10:05:59.21, 4.5'12N; 127.69E, h0km, mb3.8/6, mb1 4.0/6, mb1mx3.7/21, mbtmp3.9/6, MS3.2/1, Ms1 3.2/1, ms1mx2.4/33, Error ellipse: s-maj=95.5km s-min=19.9km az=70.0, Philippine Islands region

Table of station data for IDC 27 10:05:59.21, including columns for station name, frequency, power, and other technical details.

MAN 27 10:07:21, 9.97N; 125.66E, h15km, mb4.6, ML3.5, MS3.4, 1D, Mindanao

Table of station data for MAN 27 10:07:21, including columns for station name, frequency, power, and other technical details.

IDC 27 10:14:02.6: 19.0, 38'19S; 93.44W, h0km, mb3.7/3, mb1 4.2/3, mb1mx4.0/12, mbtmp3.7/3, MS3.2/2, Ms1 3.2/2, ms1mx3.2/13, Error ellipse: s-maj=66.2km s-min=30.1km az=118.0, West Chile Rise

Table of station data for IDC 27 10:14:02.6, including columns for station name, frequency, power, and other technical details.

NIED 27 10:22:00, 22:30N; 121:160E, h8km, Mw4.4 Best double couple: Mb4.27000: 1019 111.3e62.00000: 875.00000: 7.121 00000: N22.175.00000: 8.34 00000: 1.27.00000: NEIC 27 10:22:35.4: 0.5, 22:07N; 121:57E, h10km, mb4.1/6, ML4.8(TAP), Error ellipse: s-maj=12.0km s-min=7.8km az=82.0

NEIC Recorded [4 TAP] in Tai-tung and [1 TAP] in Ping-tung, ICBJ 27 10:22:35.3: 0.5, 22:05N; 0:02:121:59E: 0:02: h19km, 4km, mb3.9/23, MS3.5/6, Error ellipse: s-maj=3.8km s-min=3.1km az=165.4

TAP 27 10:22:37.9: 2.2: 151N; 121:39E, h23km, ML4.5, C IDC 27 10:22:39.4: 3.4, 22:14N; 121:181E, h43km, 33km, mb3.6/16, mb1 3.8/17, mb1mx3.8/24, mbtmp3.7/17, ML3.6/1, MS3.5/8, Ms1 3.6/8, ms1mx3.1/35, Error ellipse: s-maj=22.3km s-min=13.8km az=67.0

JMA 27 10:22:40.8: 0.2, 22:28N; 121:160E, h8km, M4.2 IDC 27 10:22:42.2: 23N; 120.9E, h32km, mb4.5/7, BUJ 27 10:22:44.9: 22:58N; 120:75E, h10km, mb4.3/2, mb4.0/4, ML3.6/4, MS3.6/3, Ms7 3.5/3

ISC 27 10:22:35.7: 0.5, 22:10N; 0:02: 121:54E: 0:02: h9km, 3km, n118, 1816/167, mb3.9/23, MS3.5/6, 22C-2D, Taiwan region

Table of station data for ISC 27 10:22:35.7, including columns for station name, frequency, power, and other technical details.

TWFI	baz=307	1.27 350	↑P	Pn	10 22 57.8	-1.8
YULB	baz=345	1.31 350	ePn	Pn	10 22 59.3	-0.9
SGST	Yulhi	1.32 318	↑P	Pn	10 23 00.1	-0.2
EHY	baz=325	1.42 352	eP	Pn	10 22 59.9	-1.8
WTP	baz=347	1.43 323	↑P	Pn	10 23 01.8	0.0
WTP	Ta-pu	1.43 323	eP	Sn	10 23 19.9	-0.8
CHN1	baz=338	1.43 319	↑P	Pn	10 23 02.3	+0.4
CHN1	Nanshi	1.43 319	↑P	Pn	10 23 02.3	+0.4
CHN1	baz=322		eS	Sn	10 23 20.8	0.0
CHN3	baz=322	1.46 312	eP	Pn	10 23 03.2	+1.0
CHN3	Shinhua	1.46 312	eP	Pn	10 23 03.2	+1.0
CHN3	baz=314		eS	Sn	10 23 21.6	+0.1
TPUB	baz=314	1.46 325	ePn	Pn	10 23 01.9	-0.4
YUS	Ta-pu	1.49 339	eP	Pn	10 23 01.9	-0.8
YUS	Yu-Shan	1.49 339	eP	Pn	10 23 01.9	-0.8
YUS	baz=343		eP	Pn	10 23 03.4	+0.4
YUS	baz=323		eS	Sn	10 23 22.6	-0.3
TAI1	baz=323	1.53 308	eP	Pn	10 23 03.5	+0.2
TAI1	Yung-k'ang	1.53 308	eP	Pn	10 23 03.5	+0.2
ALS	baz=310	1.56 334	eP	Pn	10 23 03.5	-0.2
ALS	Alishan	1.56 334	eP	Pn	10 23 03.5	-0.2
ALS	baz=338		eS	Sn	10 23 24.6	+0.6
SCLT	baz=338	1.64 311	eP	Pn	10 23 03.9	+0.9
SCLT	Jiali	1.64 311	eP	Pn	10 23 03.9	+0.9
SCLT	baz=312		eS	Sn	10 23 24.9	-1.0
CHN5	baz=312	1.69 332	↑P	Pn	10 23 05.9	+0.5
CHN5	Tsauling	1.69 332	↑P	Pn	10 23 05.9	+0.5
CHN5	baz=344		eS	Sn	10 23 27.3	+0.1
ESL	Shilin	1.71 357	eP	Pn	10 23 05.0	-0.7
ESL	baz=349		eS	Sn	10 23 25.2	-2.5
CHY	baz=349	1.73 324	eP	Pn	10 23 06.3	+0.3
CHY	Chiayi	1.73 324	eP	Pn	10 23 06.3	+0.3
CHN2	baz=326	1.73 326	eP	Pn	10 23 06.4	+0.4
CHN2	Minshiang	1.73 326	eP	Pn	10 23 06.4	+0.4
CHN2	baz=328		eS	Sn	10 23 27.8	-0.5
CHN8	baz=328	1.75 316	eP	Pn	10 23 05.0	-1.2
CHN8	Yiju	1.75 316	eP	Pn	10 23 05.0	-1.2
SSLB	baz=317	1.77 342	ePn	Pn	10 23 07.1	+0.6
SSLB	Suanglung	1.77 342	ePn	Pn	10 23 07.1	+0.6
WGK	baz=333	1.82 330	eP	Pn	10 23 08.0	+0.8
WGK	Gukung	1.82 330	eP	Pn	10 23 08.0	+0.8
WGK	baz=333		eS	Sn	10 23 30.0	-0.3
HWA	baz=333	1.87 2	eP	Pn	10 23 08.2	+0.3
HWA	Hwalien	1.87 2	eP	Pn	10 23 08.2	+0.3
HWA	baz=15		eP	Pn	10 23 08.9	+1.0
SMLT	Sun Moon Lake	1.87 342	eP	Pn	10 23 08.9	+1.0
SMLT	baz=345		eS	Sn	10 23 31.4	-0.3
TYC	baz=345	1.90 341	↑P	Pn	10 23 09.7	+1.3
TYC	Yuchr	1.90 341	↑P	Pn	10 23 09.7	+1.3
WNT	baz=344	1.94 336	eP	Pn	10 23 09.8	+1.0
WNT	Mingjian	1.94 336	eP	Pn	10 23 09.8	+1.0
WNT	baz=322		eS	Sn	10 23 33.2	-0.2
TWD	baz=322	1.97 2	eP	Pn	10 23 09.0	-0.3
TWD	Chiawan	1.97 2	eP	Pn	10 23 09.0	-0.3
TWD	baz=354		eS	Sn	10 23 31.2	-3.0
WHF	baz=354	2.05 353	eP	Pn	10 23 10.4	0.0
WHF	Hehuan Shan	2.05 353	eP	Pn	10 23 10.4	0.0
NACB	baz=357	2.07 1	ePn	Pn	10 23 10.3	-0.3
NACB	Ninganchiao	2.07 1	ePn	Pn	10 23 10.3	-0.3
WTCT	baz=357	2.10 327	eP	Pn	10 23 32.7	-3.8
WTCT	Ta-ch'eng	2.10 327	eP	Pn	10 23 10.9	-0.3
TWT	baz=329	2.17 315	eP	Pn	10 23 12.6	+0.5
TWT	Taicheng	2.17 315	eP	Pn	10 23 12.6	+0.5
TCU	baz=326	2.19 339	↑P	Pn	10 23 13.3	+1.0
TCU	Taichung	2.19 339	↑P	Pn	10 23 13.3	+1.0
ENA	baz=326	2.33 5	eP	Pn	10 23 14.1	-0.1
ENA	Nanau	2.33 5	eP	Pn	10 23 14.1	-0.1
NNS	baz=16	2.33 356	eP	Pn	10 23 16.1	+1.8
NNS	Nan Shan	2.33 356	eP	Pn	10 23 16.1	+1.8
PNG	baz=8.0	2.34 309	↑P	Pn	10 23 13.1	-1.3
PNG	Penghu	2.34 309	↑P	Pn	10 23 13.1	-1.3
PNG	baz=309		eS	Sn	10 23 37.9	-5.4
TWQ1	baz=345	2.35 343	↑P	Pn	10 23 16.1	+1.6
TWQ1	Liyutan	2.35 343	↑P	Pn	10 23 16.1	+1.6
TWQ1	baz=345		eS	Sn	10 23 44.5	+1.1
NSY	baz=345	2.42 343	eP	Pn	10 23 16.9	+1.5
NSY	Sanyi	2.42 343	eP	Pn	10 23 16.9	+1.5
NSY	baz=345		eS	Sn	10 23 46.2	+1.1
ENTT	baz=345	2.53 1	eP	Pn	10 23 17.8	+0.8
ENTT	Nioudou	2.53 1	eP	Pn	10 23 17.8	+0.8
YHNB	baz=4.0	2.56 357	ePn	Pn	10 23 18.4	+1.0
YHNB	Yeheng	2.56 357	ePn	Pn	10 23 18.4	+1.0
YHNB	baz=357		eS	Sn	10 23 48.9	+0.1
NSTT	baz=336	2.57 349	eP	Pn	10 23 18.8	+1.3
NSTT	Nanjuang	2.57 349	eP	Pn	10 23 18.8	+1.3
NSTT	baz=336		eS	Sn	10 23 50.1	+1.2
NSK	baz=11	2.57 356	eP	Pn	10 23 18.9	+1.3
NSK	Sanguang	2.57 356	eP	Pn	10 23 18.9	+1.3
NSK	baz=11		eS	Sn	10 23 50.2	+1.3
TWE	baz=11	2.61 3	eP	Pn	10 23 19.0	+0.9
TWE	Neicheng	2.61 3	eP	Pn	10 23 19.0	+0.9
YOJ	baz=35	2.71 30	P	Sn	10 23 20.7	+1.2
YOJ	Yonaguni jima	2.71 30	P	Sn	10 23 20.7	+1.2
YOJ	baz=32	2.71 30	eS	Pn	10 23 22.5	+3.0
YOJ	Yonaguni jima	2.71 30	eS	Pn	10 23 22.5	+3.0
HATJ	baz=32	2.85 47	P	Pn	10 23 22.8	+1.3
HATJ	Hateruma jima	2.85 47	P	Pn	10 23 22.8	+1.3
TATO	baz=35	2.86 359	ePn	Pn	10 23 22.6	+1.0
TATO	Taipei	2.86 359	ePn	Pn	10 23 22.6	+1.0
TWA	baz=3.0	2.87 1	eP	Pn	10 23 23.1	+1.5
TWA	Mucha	2.87 1	eP	Pn	10 23 23.1	+1.5
TWB1	baz=11	2.92 8	eP	Pn	10 23 23.6	+1.1
TWB1	Santiao Chiao	2.92 8	eP	Pn	10 23 23.6	+1.1
TAP1	baz=11	2.93 360	eP	Pn	10 23 24.8	+2.4
TAP1	Taipei	2.93 360	eP	Pn	10 23 24.8	+2.4
NWF	baz=358	2.97 4	eP	Pn	10 23 25.2	+2.2
NWF	Wu-fen Shan	2.97 4	eP	Pn	10 23 25.2	+2.2
NWF	baz=358		eS	Sn	10 23 59.6	+0.9
TWS1	baz=358	2.99 358	eP	Pn	10 23 24.8	+1.5
TWS1	Kuangyinshan	2.99 358	eP	Pn	10 23 24.8	+1.5
IRIF	baz=15	3.00 42	P	Pn	10 23 24.9	+1.4
IRIF	Iriomote-Funau	3.00 42	P	Pn	10 23 24.9	+1.4
JKRS	baz=35	3.11 46	S	Sn	10 23 58.8	-0.8
JKRS	Kuro-shima	3.11 46	S	Sn	10 23 58.8	-0.8
JJJ	baz=35	3.29 46	P	Pn	10 24 01.2	-1.2
JJJ	Ishigaki jima	3.29 46	P	Pn	10 24 01.2	-1.2
JJJ	baz=35		S	Sn	10 24 04.5	-2.2
JJJ	baz=35		S	Sn	10 24 04.5	-2.2
KNM	baz=307	3.67 310	eP	Pn	10 23 32.8	+0.1
KNM	Kinmen	3.67 310	eP	Pn	10 23 32.8	+0.1
KNM	baz=307		eS	Sn	10 24 13.7	-2.5
JTJ	baz=307	3.85 48	P	Pn	10 23 36.7	+1.5
JTJ	Tarama	3.85 48	P	Pn	10 23 36.7	+1.5
OZH	baz=307	3.92 317	↑Pn	Pn	10 24 19.5	-1.1
OZH	Quanzhou	3.92 317	↑Pn	Pn	10 23 36.0	-0.1
OZH	baz=307		Smax	Sn	10 24 18.0	-4.2
OZH	comp=N,190nm,0.7s		Smax	Sn		
OZH	comp=E,310nm,0.9s		LR	LR		
OZH	comp=N,11m,16.2s		LR	LR		
OZH	comp=E,21m,19.5s		LR	LR		
OZH	comp=Z,920nm,11.9s		LR	LR		
JMJ	baz=52	4.38 51	P	Pn	10 23 44.0	+1.6
JMJ	Miyako jima 2	4.38 51	P	Pn	10 24 32.9	-0.7
JMJ	baz=52	4.38 51	eS	Pn	10 23 43.8	+1.3
JMJ	Miyako jima 2	4.38 51	eS	Pn	10 24 32.2	-1.5
JOGS	baz=52	4.43 53	P	Pn	10 23 44.5	+1.4
JOGS	Gusukube	4.43 53	P	Pn	10 24 34.3	-0.6

JKE	Kume jima 2	6.38 48	P	Pn	10 24 09.9	0.0
JKE	baz=191		eS	Sn	10 25 21.2	-1.6
JAGN	Aguni-jima	6.86 48	P	Pn	10 24 17.1	+0.6
JAGN	baz=191		eS	Sn	10 25 21.2	-1.6
JH	Iheya	7.64 49	P	Pn	10 24 27.6	+0.4
JH	baz=191		eS	Sn	10 24 27.6	+0.4
JOW	Kunigami	7.74 51	P	Pn	10 24 28.3	-0.2
JOW	baz=191		eS	Sn	10 25 51.6	-4.7
JOW	Kunigami	7.74 51	P	Pn	10 24 27.9	-0.7
JOW	comp=Z,2.2nm,0.3s,ba=191,slow=11,SNR=16		S	Sn	10 25 49.0	-7.3
JOW	comp=Z,0.4nm,0.3s,ba=326,slow=24,SNR=3.9		LR	LR	10 27 44.2	
JOW	comp=Z,463nm,21.1s,ba=256,slow=41		Pn	Pn	10 24 28.9	+0.4
JOW	Kunigami	7.74 51	eP	Pn	10 24 28.9	+0.4
JTK	Tokunoshima	8.79 48	P	Pn	10 24 42.1	-0.9
JTK	baz=191		eS	Sn	10 26 14.4	-7.8
JTM	Minamidaito 2	9.60 65	P	Pn	10 24 52.3	-1.8
JTM	baz=191		eS	Sn	10 26 32.1	-1.0
JAM	Amami Oshima	9.63 48	P	Pn	10 24 52.6	-1.9
JAM	baz=191		eS	Sn	10 26 36.6	-6.3
KSR	Korea Arr	16.27 18	P	Pn	10 26 26.8	+2.4
KSR	comp=Z,0.2nm,0.3s,ba=197,slow=12,SNR=8.9		LR	LR	10 33 34.8	
MAT	Matsushiro	20.41 41	P	P	10 27 22.4	+9.3
MJAR	Matsushiro Arr	20.41 41	P	P	10 27 15.6	+2.5
MJAR	comp=Z,4.7nm,0.9s,ba=235,slow=9.2,SNR=8.6		LR	LR	10 35 04.0	
MJAR	comp=Z,9.4nm,20.4s,MS3.1,ba=250,slow=37		P	P	10 27 18.0	+1.0
LZH	Lanzhou	40.77 316	eP	P	10 27 23.5	
LZH	comp=Z,16nm,1.2s		pP	pP	10 27 24.8	+4.1
LZH	comp=Z,82nm,5.0s		pmax	pmax		
LZH	Lanzhou	20.77 316	eP	P	10 27 07.0	-1.0
LZH	comp=Z,1.2nm,0.7s,mb3.6,ba=154,slow=14,SNR=3.6		pP	pP	10 27 11.3	
LZH	comp=Z,1.5nm,1.0s		pmax	pmax	10 27 12.5	-8.2
LZH	comp=Z,2.63nm,4.3s		pmax	pmax		
CMAR	Chiang Mai Arr	21.50 264	P	P	10 27 25.9	+0.9
CMAR	comp=Z,2.6nm,0.9s,mb3.6,ba=69,slow=9.2,SNR=11		LR	LR	10 35 54.3	
KSM	Kuching	23.23 210	eP	P	10 27 43.4	-0.1
KSM	comp=Z,7.8nm,19.1s,MS3.1,ba=125,slow=36		P	P	10 28 07.3	+4.6
GTA	Gaotai	25.32 318	eP	P	10 28 11.8	+6.3
GTA	comp=Z,2.0nm,1.1s,mb4.5		pP	pP	10 28 15.0	+8.4
GTA	comp=Z,2.0nm,0.9s,mb3.6		pmax	pmax		
ULN	Ulaanbaatar	28.22 339	eP	P	10 28 28.7	0.0
ULN	comp=Z,1.6nm,0.6s,mb3.8		P	P	10 28 31.6	+1.1
SONM	Songino Arr	28.41 318	P	P	10 40 56.0	
SONM	comp=Z,1.2nm,0.7s,mb3.6,ba=154,slow=14,SNR=3.6		LR	LR	10 30 12.2	+0.8
MKAR	Makanchi Arr	40.07 318	P	P	10 48 13.0	
MKAR	comp=Z,3.6nm,0.4s,mb3.7,ba=110,slow=9.3,SNR=12		LR	LR	10 30 28.5	

Table with columns: LIT, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Litokhoron, Davao City, DAV, DMPH, MATI, MUSAN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DAV, DMPH, MATI, MUSAN, etc.

Table with columns: KHC, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MOX, MOX, MOX, etc.

IDC 27 11:48:26.6; 1.0, 18.65N; 120.85E, h0km, mb3.3/7, mb1 3.5/8, mb1mx3.4/22, mbtmp3.3/8, ML3.8/1, MS3.0/2, Ms1 3.0/2, ms1mx2.4/22, Error ellipse: s-maj=37.8km s-min=19.2km az=70.0

ISCJB 27 13:06:02.8; 0.5, 51.48N; 120.03E, h0km, Error ellipse: s-maj=3.9km s-min=2.4km az=20.3

DAVOS Davos/Discham 6.28 223 Pn comp=Z,0.2nm,0.3s,baz=32,slo=13,SNR=3.0

MAN 27 11:48:31, 18.95N; 120.77E, h10km, mb4.8, ML3.7, MS3.8

ISCJB 27 13:06:03.0; 0.6, 51.63N; 116.26E, h5km, ML2.9(SZGRF), Error ellipse: s-maj=8.3km s-min=6.8km az=92.0

DAVOS Davos/Discham 6.18 223 Pn comp=Z,0.2nm,0.3s,baz=186,slow=23,SNR=3.0

ISC 27 11:48:34.3; 0.8, 18.80N; 120.107E, h10km, mb1.1km, n2, 0.18/14/19, mb3.2/6, 2C, Luzon

ISC 27 13:06:03.6; 0.4, 51.54N; 116.13E, h0km, n63, 0.094/115, 1C-3D, Poland

DAVOS Davos/Discham 6.18 223 Pn comp=Z,0.2nm,0.3s,baz=210,slow=19,SNR=3.8

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

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

SOF 27 13:14:44.5, 40.30N; 25.19E, h2km, MD2.6

THE 27 13:14:46.8, 40.39N; 25.40E, h10km, 1km, ML2.8/3, Error ellipse: s-maj=1.2km s-min=0.5km az=317.0

CSEM 27 13:14:46.5; 0.2, 40.39N; 25.37E, h2km, MD3.0, Error ellipse: s-maj=3.9km s-min=3.6km az=49.0

ATH 27 13:14:46.1, 40.38N; 25.38E, h24km, 1km, MD3.0/6

ISCJB 27 13:14:47.0, 40.38N; 0.2; 25.41E; 0.03, h10km, Error ellipse: s-maj=3.0km s-min=2.8km az=18.2

ISK 27 13:14:47.4, 40.37N; 25.1E, h5km, MD3.0

DDA 27 13:14:49.5, 40.29N; 25.59E, h5km, 6km, MD2.7

ISC 27 13:14:46.0; 0.4, 40.38N; 0.2; 25.39E; 0.03, h1km, 5km, n62, 0.094/92, Aegean Sea

WEL 27 12:44:11.0; 4.0, 38.56S; 175.86E, h173km, 3km, ML3.6/7, 7C, Error ellipse: s-maj=3.7km s-min=2.7km az=90.0, North Island

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAC, RAC, RAC, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GAD, GAD, GAD, etc.

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

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

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

IDC 27 12:47:33.1; 7.0, 7.13N; 126.21E, h35km, 52km, mb3.6/5, mb1 3.8/5, mb1mx3.4/22, mbtmp3.6/5, MS2.8/1, Ms1 2.8/1, ms1mx2.0/37, Error ellipse: s-maj=82.8km s-min=21.5km az=65.0

ISCJB 27 12:47:35.6; 0.5, 6.95N; 0.04; 125.73E; 0.07, h74km, 5km, mb3.9/7, Error ellipse: s-maj=11.2km s-min=6.9km az=169.2

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like QJC, QJC, QJC, etc.

MAN 27 12:47:36, 7.06N; 125.79E, h56km, mb5.0, ML4.0, MS4.1

ISC 27 12:47:36, 6.97N; 126.02E, h21km, Mw5.1/4

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KHC, KHC, KHC, etc.

DJA 27 12:47:36, 7.0, 5.62N; 0.04; 125.73E; 0.07, h66km, 5km, n25, 0.062/30, mb3.9/7, 3C-1D, Mindanao

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KHC, KHC, KHC, etc.

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KHC, KHC, KHC, etc.

BRG	comp=Z,8.3nm,1.4s	SKS		14 59 04.0
BRG		S	S	14 59 24.0 +0.4
BRG		PS	PS	15 00 28.0 -3.5
BRG		SS	SS	15 05 10.0 -8.9
BRG	comp=N,494nm,19.4s			
BRG	comp=E,321nm,15.6s			
BRG	comp=Z,680nm,15.6s			
BRG	Berggiesshubel 90.21	19 eP	P	14 48 27.2 -2.9
BRG		e		14 48 34.4
BRG				14 59 04.0
BRG		S	S	14 59 24.0 +0.4
BRG		PS	PS	15 00 28.0 -3.5
BRG	comp=Z,2.0nm,1.1s,mb4.4			
BRG	comp=N,296nm,19.4s,MS4.8			
BRG	comp=E,192nm,15.6s,MS4.8			
BRG	comp=Z,407nm,15.6s,MS5.0			
BRG	Berggiesshubel 90.21	19 eP	P	14 48 32.9 +2.8
BRG	comp=Z,29nm,1.8s,mb5.3			
BRG	MORC Moravsky Berou 90.22	21 eP	pP	14 48 39.2 +5.7
MORC		P		14 48 30.6 +0.4
MORC	comp=Z,10.0nm,1.4s,mb5.0			
MORC	MORC Moravsky Berou 90.22	21 i/P	P	14 48 31.5 +1.3
MORC	MORC Moravsky Berou 90.22	21 eP	P	14 48 30.6 +0.4
CLZ	comp=Z,1.0nm,1.4s,mb5.0			
CLZ	Clausthal 90.23	16 eP	pP	14 48 39.9 +6.4
CLZ		eP		14 48 39.9 +6.4
CLZ	comp=Z,25nm,1.8s,mb5.2			
CLZ	Clausthal 90.23	16 eP	P	14 48 33.1 +2.9
CLZ	comp=Z,25nm,1.8s,mb5.2			
CLL		eP	pP	14 48 39.9 +6.4
CLL	Collm 90.37	18 i/P	P	14 48 33.8 +3.0
CLL		i		14 48 37.8 +3.6
CLL		e		14 52 01.0
CLL		eS	S	14 59 30.0 +5.0
CLL	comp=Z,10.0nm,1.1s,mb5.1			
CLL	comp=Z,400nm,20.4s,MS4.8			
CLL	Collm 90.37	18 eP	P	14 48 33.7 +2.9
CLL	comp=Z,11nm,1.1s,mb5.1			
CLL	Collm 90.37	18 i(P)	P	14 48 33.8 +3.0
CLL	comp=Z,10.0nm,1.1s,mb5.1			
CLL	comp=Z,1.8nm,1.4s			
CLL		i		14 48 44.9
CLL		eP	PP	14 52 01.0 -4.7
CLL		e		14 52 19.0
CLL		eP	PPP	14 59 27.0
CLL		eS	S	14 59 30.0 +5.0
CLL		e		14 59 49.0
CLL		ePS	PS	15 00 34.0 +0.7
CLL		e		15 03 02.0
CLL		eS	SS	15 05 24.0 -2.2
CLL		eSS	SS	15 09 18.0
CLL		Lm		15 25 00.0
CLL	comp=N,300nm,21.6s			
CLL		Lm		15 25 00.0
CLL	comp=E,100nm,20.9s			
CLL		Lm		15 25 00.0
CLL	Collm 90.37	18 i/P	P	14 48 33.8 +3.0
CLL	comp=Z,10.0nm,1.1s,mb5.1			
CLL		i		14 48 37.8 +3.6
CLL		i		14 48 44.9
CLL		eP	PP	14 52 01.0 -4.7
CLL		eS	LR	14 59 30.0 +5.0
CLL	comp=Z,400nm,20.4s,MS4.8			
TRPA	Tarpa 90.38	25 i/P	P	14 48 31.9 +0.9
DPC	Dobruska-Polom 90.39	20 eP	P	14 48 30.9 0.0
DPC		eS	S	14 59 24.9 -0.3
DPC		ex	X	15 05 10.4
DPC		AMS	AMS	15 24 30.0
DPC	comp=Z,700nm,21.8s			
DPC	Dobruska-Polom 90.39	20 eP	P	14 48 30.9 0.0
DPC		eS	SS	14 59 24.9 -0.3
DPC		eSS	SS	15 05 10.4 -1.6
OKC	Ostrava-Krasne 90.46	22 eP	P	14 48 34.0 +2.7
OKC		eS	MLR	14 59 30.7 +4.8
OKC		AMS	AMS	15 26 00.0
OKC	comp=Z,500nm,18.0s,MS5.0			
OKC	Ostrava-Krasne 90.46	22 eP	P	14 48 34.0 +2.7
OKC		eS	SS	14 59 30.7 +4.8
OKC		AMS	AMS	15 26 00.0
OKC	comp=Z,500nm,18.0s			
OKC	Ostrava-Krasne 90.46	22 eP	P	14 48 34.0 +2.7
OKC		eS	SS	14 59 30.7 +4.8
OKC		eSS	SS	15 05 08.7 -1.9
UZH	Uzhgorod 90.72	25 eP	P	14 48 33.0 +0.4
UZH		ePPP		14 54 13.0
UZH		eS		14 59 01.0
UZH		eS		14 59 25.0 -3.4
UZH		eS		14 48 40.0 +7.0
NHSC	New Hope 90.73	311 PFAKE	LR	
NHSC	comp=Z,518nm,21.0s,MS4.9			
NIE	Niedzica 90.76	23 eP	P	14 48 35.5 +2.8
NRDL	Niedersach Rie 90.78	16 eP	P	14 48 36.9 +4.2
NRDL	comp=Z,477nm,1.7s,mb5.5			
NRDL		eP	pP	14 48 42.8 +6.7
KOLS	Kolonice sedl 90.98	24 eP	P	14 48 37.3 +3.6
OJC	Ojoc 91.30	22 eP	P	14 48 33.7 -1.5
RUE	Ruedersdorf 91.64	18 eP	P	14 48 40.2 +3.5
RUE	comp=Z,23nm,0.8s,mb5.6			
KWP	Katwaria Pacla 91.72	24 PFAKE	LR	14 48 50.0 +1.3
KWP	comp=Z,977nm,19.0s,MS5.3			
BSEG	Bad Segeberg 92.17	15 eP	P	14 48 42.9 +3.8
BSEG	comp=Z,22nm,1.0s,mb5.4			
BSEG	Bad Segeberg 92.17	15 eP	P	14 48 42.9 +3.8
BSEG	comp=Z,22nm,1.0s,mb5.4			
CBN	Corbin 92.61	316 PFAKE	LR	14 48 50.0 +8.4
CBN	comp=Z,437nm,22.0s,MS4.9			
GOGA	Godfrey 92.98	310 PFAKE	LR	14 48 50.0 +6.6
GOGA	comp=Z,535nm,20.0s,MS5.0			
BLA	Blacksburg 93.71	314 PFAKE	LR	14 49 00.0 +1.3
BLA	comp=Z,494nm,21.0s,MS4.9			
BRAL	Brewton 93.74	306 PFAKE	LR	14 49 00.0 +1.3
BRAL	comp=Z,764nm,20.0s,MS5.2			
LBNH	Lisbon 94.10	324 PFAKE	LR	14 49 00.0 +1.2
LBNH	comp=Z,570nm,19.0s,MS5.0			
GNI	Garni 94.11	42eP	pmax	14 48 46.9 -1.6
GNI	comp=Z,11nm,1.7s			
GNI	Garni 94.11	42 PFAKE	LR	14 49 00.0 +1.2
GNI	comp=Z,352nm,22.0s,MS4.8			
TKL	Tuckaleechee C 94.65	311 LR	LR	15 34 15.9
TKL	comp=Z,303nm,18.8s,MS4.8,baz=133,slow=37			
BINY	Binghamton 94.67	320 PFAKE	LR	14 49 00.0 +9.0
BINY	comp=Z,513nm,20.0s,MS5.0			
KIEV	Kiev 94.91	27 PFAKE	LR	14 49 00.0 +8.2
KIEV	comp=Z,339nm,20.0s,MS4.8			
AKASG	Malin Array Be 94.92	27 P	P	14 48 50.3 -1.6
AKASG	comp=Z,4.3nm,1.0s,mb4.8,baz=220,slow=4.7,SNR=13			
AKASG	comp=Z,189nm,21.5s,MS4.5,baz=265,slow=34			
LRAL	Lakeview Retre 94.99	307 PFAKE	LR	14 49 00.0 +7.3
LRAL	comp=Z,547nm,21.0s,MS5.0			
MCWV	Mont Chateau 95.00	316 PFAKE	LR	14 49 00.0 +7.4
MCWV	comp=Z,691nm,22.0s,MS5.1			
NCB	Newcomb 95.04	322 PFAKE	LR	14 49 00.0 +7.4
NCB		LR		

LONY	comp=Z,457nm,19.0s,MS5.0			
LONY	Lake Ozonia 95.68	322 PFAKE	LR	14 49 10.0 +1.4
LONY	comp=Z,512nm,22.0s,MS5.0			
KISLOV	Kislovodsk 95.71	39 eP	P	14 48 55.3 -0.4
KISLOV		e		14 59 31.5
KISLOV		eS	SS	15 06 45.0 +2.0
KISLOV		eSS	SS	15 10 29.1
KISLOV		pmax	pmax	
KISLOV	comp=Z,36nm,5.0s			
KISLOV	comp=Z,1.1nm,1.2s,mb5.2			
KISLOV	comp=Z,322nm,19.0s,MS4.8			
KISLOV	Kislovodsk 95.71	39 PFAKE	LR	14 49 10.0 +1.4
KISLOV	comp=Z,289nm,19.0s,MS4.8			
ERPA	Erie 96.75	318 PFAKE	LR	14 49 10.0 +1.0
ERPA	comp=Z,467nm,20.0s,MS5.0			
PLAL	Pickwick Lake 96.91	308 PFAKE	LR	14 49 10.0 +8.6
PLAL	comp=Z,515nm,22.0s,MS5.0			
ACSO	Alum Creek Sta 97.18	315 PFAKE	LR	14 49 10.0 +7.6
ACSO	comp=Z,479nm,22.0s,MS4.9			
OXF	Oxford 97.48	307 PFAKE	LR	14 49 10.0 +6.1
OXF	comp=Z,444nm,20.0s,MS5.0			
SADO	Sadowa 98.11	320 LR	LR	15 30 58.7
SADO	comp=Z,321nm,18.5s,MS4.8,baz=186,slow=34			
AAM	Ann Arbor 98.91	316 LR	LR	14 49 20.0 +1.0
AAM	comp=Z,442nm,19.0s,MS5.0			
NOA	NORSAR Array B 98.96	13 LR	LR	15 32 44.6
NOA	comp=Z,170nm,19.5s,MS4.5,baz=190,slow=35			
HKT	Hockley 99.09	300 PFAKE	LR	14 49 20.0 +8.7
HKT	comp=Z,296nm,20.0s,MS5.0			
NWAO	Narogin (SRO) 99.16	142 PFAKE	LR	14 49 20.0 +8.2
NWAO	comp=Z,571nm,19.0s,MS5.1			
SCHO	Schefferville 99.35	333 LR	LR	15 26 04.8
SCHO	comp=Z,388nm,20.6s,MS4.9,baz=298,slow=30			
MIAR	Mount Ida 100.23	305 LR	LR	14 49 30.0 +1.4
MIAR	comp=Z,808nm,21.0s,MS5.2			
CCM	Cathedral Cave 100.31	309 PFAKE	LR	14 49 30.0 +1.1
CCM	comp=Z,425nm,21.0s,MS4.9			
GLMI	Graying 101.07	318 PFAKE	LR	14 49 30.0 +1.0
GLMI	comp=Z,547nm,21.0s,MS5.0			
HDIL	Hopedale 101.11	312 PFAKE	LR	14 49 30.0 +1.0
HDIL	comp=Z,558nm,20.0s,MS5.1			
OBN	Obninsk 101.15	28 eP	Pdf	14 49 18.2 -2.2
OBN		/PS	SS	15 02 34.8 +3.6
OBN		/SS	SS	15 07 59.6 +0.6
OBN		pmax	pmax	
OBN	comp=Z,8.0nm,0.5s			
OBN	comp=Z,100nm,18.0s,MS4.4			
OBN	Obninsk 101.15	28 PFAKE	LR	14 49 30.0 +1.0
OBN	comp=Z,260nm,19.0s,MS4.8			
JCT	Junction City 102.20	299 PFAKE	LR	14 49 40.0 +1.5
JCT	comp=Z,361nm,21.0s,MS4.9			
JFWS	Jewell Farm 103.10	314 PFAKE	LR	14 49 40.0 +1.1
JFWS	comp=Z,379nm,20.0s,MS4.9			
COWI	Conover 104.36	317 PFAKE	LR	14 49 40.0 +5.3
COWI	comp=Z,491nm,20.0s,MS5.0			
KSU1	Kansas State U 104.84	308 PFAKE	LR	14 49 50.0 +1.3
KSU1	comp=Z,432nm,21.0s,MS5.0			
AMTX	Amarillo 105.94	302 PFAKE	LR	14 54 00.0 +6.0
AMTX	comp=Z,351nm,20.0s,MS4.9			
CBKS	Cedar Bluff 106.72	306 PFAKE	LR	14 54 10.0 +1.1
CBKS	comp=Z,504nm,21.0s,MS5.0			
EYMN	Ely 106.75	317 PFAKE	LR	14 54 10.0 +1.5
EYMN	comp=Z,344nm,20.0s,MS4.9			
MNTX	Cornudas Mount 106.88	297 PFAKE	LR	14 54 10.0 +1.4
MNTX	comp=Z,353nm,22.0s,MS4.9			
ECSO	EROS Data Cent 107.39	312 PFAKE	LR	14 54 10.0 +1.4
ECSO	comp=Z,413nm,19.0s,MS5.0			
CAN	Canberra 108.11	168 PFAKE	LR	14 54 10.0 +1.2
CAN	comp=Z,618nm,20.0s,MS5.2			
NIL	Nilore 108.45	62 PFAKE	LR	14 54 10.0 +1.1
NIL	comp=Z,85nm,22.0s,MS4.3			
ANMO	Albuquerque 109.33	299 PFAKE	LR	14 54 10.0 +1.0
ANMO	comp=Z,501nm,22.0s,MS5.0			
OGNE	Ogalla 109.34	307 PFAKE	LR	14 54 10.0 +1.0
OGNE	comp=Z,542nm,21.0s,MS5.1			
AGMN	Agassiz Refuge 109.39	316 PFAKE	LR	14 54 10.0 +1.0
AGMN	comp=Z,476nm,20.0s,MS5.1			
KEV	Kevo 109.76	15 PFAKE	LR	14 54 10.0 +1.0
KEV	comp=Z,455nm,19.0s,MS5.0			
MBWA	Marble Bar 109.90	137 PFAKE	LR	14 54 10.0 +8.1
MBWA	comp=Z,645nm,19.0s,MS5.2			
SDCO	Great Sand Dun 110.06	302 PFAKE	LR	14 54 10.0 +8.4
SDCO	comp=Z,387nm,20.0s,MS5.0			
LVZ	Lovozero 110.09	18 PFAKE	LR	14 54 10.0 +9.3
LVZ	comp=Z,391nm,19.0s,MS5.0			
PPT	Papeete 110.92	228 eSP	SP	15 04 09.2 -1.8
PPT	comp=Z,217nm,24.0s			
PPT	comp=Z,613nm,25.5s			
PPT	comp=Z,2m,33.0s			
TAOE	Nuku Hiva Isla 110.97	242 eS	SS	15 10 13.0 0.0
TAOE	comp=Z,405nm,26.9s			
TAOE	comp=Z,575nm,29.9s			
ISCO	Idaho Springs 111.14	304 PFAKE	LR	14 54 10.0 +6.4
ISCO	comp=Z,501nm,20.0s,MS5.1			
ARU	Arti 111.43	35 PFAKE	LR	14 54 10.0 +6.4
ARU	comp=Z,455nm,19.0s,MS5.1			
MVCO	Mesa Verde 111.88	301 PFAKE	LR	14 5

GYA	comp=Z,130nm,7.8s	AMB	AMB						
GYA	comp=N,280nm,20.0s,MS5.0	LR	LR						
GYA	comp=E,170nm,21.8s,MS5.0	LR	LR						
GYA	comp=Z,270nm,20.6s,MS4.9	LR	LR						
LZH	132.30	71	ePKP	PKPdf	14 54 42.5	-1.7			
LZH			ePKP		14 54 53.0				
LZH			PP	PP	14 57 12.0	+4.5			
LZH			SKKS	SKKSac	15 03 57.3	-5.9			
LZH			SS	SS	15 14 45.0	-1.3			
LZH	comp=Z,87nm,4.7s	AMB	AMB						
LZH	comp=E,310nm,17.4s	LR	LR						
LZH	comp=Z,450nm,20.0s,MS5.2	LR	LR						
INK	Inuvik	132.56	333	PKIKP	PKPdf	14 54 43.4	-0.3		
ZAK	Zakamensk	134.77	52	ePKIKP	PKPdf	14 54 48.2	-0.2		
ZAK			pmax	pmax					
ENH	Enshi	134.79	81	PFAKE	LR	14 55 00.0	+11		
ENH	comp=Z,256nm,21.0s,MS4.9	LR	LR						
DAV	Davao City (W)	135.09	120	PFAKE	LR	14 55 00.0	+10		
DAV	comp=Z,176nm,20.0s,MS4.8	LR	LR						
XAN	Xi'an	135.62	76	PKP	PKPdf	14 54 50.0	-0.5		
EGAK	Eagle	136.30	329	PFAKE	LR	14 55 00.0	+9.2		
EGAK			LR	LR					
SOMN	Songino Array	136.55	55	PKP	PKPdf	14 54 51.2	-0.7		
SOMN	comp=Z,1.0nm,0.8s,baz=222,slow=2.0,SNR=3.6	PP	PP	PP	14 57 38.6	+4.3			
HHC	Hu-ho-hao-te	139.33	67	ePKP	PKPdf	14 54 58.8	+1.7		
HHC			ePKP		14 55 06.3				
HHC			PP	PP	14 57 58.5	+6.8			
HHC			SKS	SKSdf	15 02 03.5	-4.0			
HHC			SS	SS	15 16 12.5	+2.2			
HHC	comp=Z,140nm,5.9s	AMB	AMB						
HHC	comp=N,230nm,19.0s,MS5.1	LR	LR						
HHC	comp=E,260nm,17.8s,MS5.1	LR	LR						
HHC	comp=Z,380nm,20.2s,MS5.1	LR	LR						
BOD	Bodaibo	140.62	40	ePKIKP	PKPdf	14 54 53.6	-5.3		
BJT	Baijiatuu	142.67	69	PFAKE	LR	14 55 10.0	+6.8		
BJT	comp=Z,296nm,20.0s,MS5.0	LR	LR						
BJI	Beijing	142.68	69	PKP	PKPdf	14 55 02.3	-0.9		
BJI			PP	PP	14 58 11.3	-0.8			
BJI			SS	SS	15 16 49.5	+0.1			
BJI	comp=N,350nm,23.0s,MS5.1	LR	LR						
BJI	comp=E,240nm,24.5s,MS5.1	LR	LR						
NJ2	Nanjing	142.82	82	ePKP	PKPdf	14 54 59.3	-4.6		
HIA	Hailar	145.43	53	ePKIKP	PKPdf	14 55 09.1	+1.4		
HIA			MLR	MLR					
YAK	Yakutsk	145.62	339	ePKP	PKPdf	14 55 05.0	-2.5		
YAK		146.15	28	ePKP2	PKPab	14 55 10.3	+0.1		
YAK			pmax	pmax					
YAK	comp=Z,17nm,1.0s	LR	LR						
YAK	Yakutsk	146.15	28	ePKPbc	PKPbc	14 55 10.0	+0.5		
YAK			LR	LR					
BILL	Bilibino	147.52	358	ePKIKP	PKPdf	14 55 10.1	-0.5		
BILL			pmax	pmax					
BILL	comp=Z,17nm,1.6s	LR	LR						
BILL	Bilibino	147.52	358	ePKPdf	PKPdf	14 55 10.5	-0.1		
BILL			ePKPbc	PKPbc	14 55 13.3	+0.1			
BILL			LR	LR					
GAMB	Gambell	148.04	339	ePKPbc	PKPbc	14 55 12.8	-2.0		
CN2	Changchun	149.80	63	ePKPbc	PKPbc	14 55 20.0	+0.1		
CN2	comp=N,200nm,19.0s,MS5.1	LR	LR						
CN2	comp=E,200nm,19.0s,MS5.1	LR	LR						
CN2	comp=Z,300nm,19.0s,MS5.1	LR	LR						
INCN	Inchon	150.41	75	PFAKE	LR	14 55 30.0	+1.4		
INCN	comp=Z,323nm,22.0s,MS5.1	LR	LR						
KSR5	Korea Array	151.42	76	PKPbc	PKPbc	14 55 23.6	-0.3		
MDJ	Mudanjiang	152.69	60	PKPbc	PKPbc	14 55 17.3	-9.3		
MDJ			pPKP	pPKP	14 55 21.0	-1.9			
MDJ			PKS	PKS	14 54 53.0				
MDJ			PP	PP	14 59 09.8	-0.8			
MDJ			SKS	SKSdf	15 02 24.0	-2.6			
MDJ	comp=N,330nm,49.2s	LR	LR						
MDJ	comp=Z,210nm,39.3s	LR	LR						
MDJ	Mudanjiang	152.69	60	PFAKE	LR	14 55 30.0	+11		
MDJ			LR	LR					
KLR	Kut'dir	153.11	50	ePKIKP	PKPdf	14 55 21.7	+1.8		
MAJO	Matsushiro	159.51	80	PFAKE	LR	14 55 40.0	+11		
MAJO	comp=Z,324nm,21.0s,MS5.1	LR	LR						
MJAR	Matsushiro Arr	159.51	80	PKPab	PKPab	14 56 07.7	+0.8		
MJAR	comp=Z,3.2nm,1.0s,baz=260,slow=1.1,SNR=3.7	PKS	PKS	PKS	14 55 40.0	+8.1			
MIDW	Midway	162.21	251	PFAKE	LR	14 55 40.0	+8.1		
MIDW	comp=Z,977nm,20.0s	LR	LR						
ERM	Ermo	162.90	62	PFAKE	LR	14 55 40.0	+7.9		
ERM	comp=Z,403nm,20.0s	LR	LR						

SOR	Soroa	6.84	26	eP	Pn	15 17 25.4	-0.9		
MGV	Manicaragua	8.02	46	eP	Pn	15 17 39.3	-3.2		
CMIG	Matias Romero	8.32	274	Pn	Pn	15 17 42.5	-4.1		
HUIG	Huaili	8.55	256	eP	Pn	15 17 58.5	-5.0		
BCIP	Isla Barro Col	9.67	139	eP	Pn	15 18 03.3	-1.8		
OXX	Oaxaca	10.08	274	eP	Pn	15 18 09.7	-1.0		
VHO	Vista Hermosa	10.09	274	eP	Pn	15 18 08.6	-2.3		
LVIG	Laguna Verde	10.18	289	eP	Pn	15 18 06.4	-5.8		
PNIG	Pinotepe	11.43	271	eP	Pn	15 18 25.7	-3.6		
PPM	Popocatepetl	12.07	293	eP	Pn	15 18 38.0	0.0		
DWPF	Disney	12.26	20	eP	Pn	15 18 38.6	-1.9		
DWPF	comp=N,34nm,0.6s	eS	Sn	15 20 44.4	-11				
IO	Organos	12.26	286	eP	Pn	15 18 39.9	-0.7		
BRAL	Brewster	14.35	357	eP	Pn	15 19 09.7	+0.7		
BRAL	comp=N,62nm,0.4s	S	Sn	15 21 35.2	-12				
SDR	Presa de Saban	14.40	78	eP	Pn	15 19 09.0	-0.9		
HDD	Hockley	15.93	328	eP	Pn	15 19 28.5	-1.4		
HKT	Lakeview Retre	16.36	358	eS	S	15 22 06.8	-32		
LRAL	Lakeview	16.36	358	eP	Pn	15 19 33.4	-2.0		
LRAL	comp=N,24nm,0.3s	eS	Sn	15 22 17.3	-30				
ROSC	El Rosal	16.51	134	Pn	Pn	15 19 38.8	+1.2		
ROSC	comp=N,0.9nm,0.3s,baz=90,slow=2.0,SNR=2.3	LR	LR	15 25 35.6					
GOGA	Godfrey	16.90	8	eP	Pn	15 19 38.9	-3.3		
GOGA	comp=N,421nm,20.3s,baz=210,slow=36	eS	S	15 22 30.6	-28				
GOGA	comp=N,9.5nm,0.4s	eS	S	15 19 44.2	+0.3				
SDV	Santo Domingo	17.02	115	eP	Pn	15 19 44.5	+0.7		
SDV	comp=N,0.7nm,0.3s,baz=321,slow=8.0,SNR=5.4	eS	S	15 19 44.5	+0.7				
NHSC	New Hope	17.29	17	eP	Pn	15 19 44.2	-3.0		
NHSC	comp=N,140nm,1.1s	eS	S	15 19 48.8	+0.2				
COW	Cow Castle Cre	17.41	16	eP	Pn	15 19 56.1	-0.3		
OXF	Oxford	17.41	16	eP	Pn	15 19 56.1	-0.3		
OXF	comp=N,22nm,0.5s	eS	S	15 23 03.2	-1.9				
JSC	Jenkinsville	18.14	13	eP	Pn	15 19 57.7	+0.2		
PLAL	Pickwick Lake	18.36	355	eP	Pn	15 19 59.6	-0.6		
PLAL	comp=N,14nm,0.8s	eS	S	15 23 06.3	-22				
SWET	Sewanee	18.52	1	eP	Pn	15 20 01.0	-1.2		
SWET		eS	S	15 23 09.8	-21				
JCT	Junction City	18.56	320	eP	Pn	15 20 03.9	+1.2		
JCT	comp=N,0.5s	eS	S	15 20 04.5	-1.3				
CPCT	Cooper Cave	18.61	4	eP	Pn	15 23 19.2	-1.8		
CPCT		eS	S	15 20 08.3	-0.1				
MIAR	Mount Ida	19.03	341	eP	Pn	15 23 20.6	-2.1		
MIAR	comp=N,11nm,0.8s	eS	S	15 23 06.2	-2.7				
TKL	Tuckaleechee C	19.08	6	Pn	Pn	15 23 26.4	-1.6		
TKL	comp=N,0.2nm,0.3s,baz=176,slow=13,SNR=11	S	S	15 20 08.2	-0.8				
TKL	Tuckaleechee C	19.08	6	eP	Pn	15 23 25.9	-1.7		
TKL		eS	S	15 27 33.4					
SJG	San Juan	19.20	83	LR	LR	15 20 12.7	-1.1		
WVT	Waverly	19.48	356	eP	Pn	15 20 17.8	-1.6		
WVT	comp=N,1nm,0.4s	eS	S	15 20 18.4	-1.3				
628A	Black Gap	19.95	313	eP	Pn	15 20 21.0	-0.2		
628A	comp=N,2.2nm,1.25s	eP	Pn	15 20 18.4	-1.3				
TZTN	Tazewell	19.98	6	eP	Pn	15 20 21.0	-0.2		
TZTN	comp=N,55nm,1.4s	eP	Pn	15 20 23.2	+0.6				
627A	Terlingua Ranc	20.29	312	eP	Pn	15 20 53.4	-1.6		
627A	comp=N,12nm,0.8s,baz=131,slow=12,SNR=30	S	S	15 20 24.1	-0.1				
TXAR	Lajitas Array	20.42	311	P	P	15 20 25.5	-1.8		
TXAR	comp=N,1.1nm,0.5s,baz=134,slow=30,SNR=3.4	P	P	15 20 27.5	-0.2				
428A	Kincaid Ranch	20.57	316	eP	Pn	15 20 30.9	+1.1		
527A	Woodward Ranch	20.85	313	eP	Pn	15 20 29.1	-1.2		
527A	comp=N,1.1nm,0.6s,m4.3	eP	Pn	15 20 30.3	-0.1				
626A	Big Bend Ranch	20.88	311	eP	Pn	15 20 30.8	+0.5		
626A	comp=N,21,SNR=11	eP	Pn	15 20 29.3	-2.4				
ELN	Prospectdale	21.09	12	eP	Pn	15 20 34.0	-0.1		
427A	Prospectdale	21.13	315	eP	Pn	15 20 36.6	-0.8		
427A	comp=N,1.1nm,0.6s,m4.3	eP	Pn	15 20 39.1	+1.6				
526A	Mary Lane Ranc	21.14	312	eP	Pn	15 20 48.3			
526A	comp=N,38nm,0.9s,m4.7	eP	Pn	15 20 36.8	-0.8				
BLA	Blacksburg	21.14	13	eP	Pn	15 20 40.9	-0.7		
BLA	comp=N,38nm,0.9s,m4.7	eP	Pn	15 20 41.9	-0.7				
WMOK	Wichita Mount	21.27	330	eP	Pn	15 20 42.7	-0.5		
WMOK	comp=N,33nm,1.1s,m4.6	eP	Pn	15 20 42.5	-0.9				
USIN	University of	21.30	357	eP	Pn	15 20 44.2	-0.3		
USIN	comp=N,5.8nm,0.6s,m4.3	eP	Pn	15 20 43.9	-1.3				
426A	McDonald Obser	21.45	314	eP	Pn	15 20 45.7	-1.1		
426A	comp=N,3.2nm,1.5s,SNR=6.5	eP	Pn	15 20 49.2	+0.8				
227A	Wyandotte Cave	21.52	360	eP	Pn	15 20 48.3			

1285

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like GERES, TORD, KAF, FINES, PETK, CN2, WMO, HHC, WRA, ASAR, CMAR, FITZ, etc.

IPCC 27 15:58:14.9.0.3, 51.47N, 16.16E, h0km, ML2.2/4, Error ellipse: s-maj=2.1km s-min=1.1km az=36.0
ISCJB 27 15:58:14.5.0.6, 51.39N, 0.03, 16.17E, 0.03, h0km, Error ellipse: s-maj=4.8km s-min=2.6km az=19.4
CSEM 27 15:58:15.1.0.3, 51.43N, 16.12E, h2km, ML3.1/1.1, Error ellipse: s-maj=6.6km s-min=3.6km az=21.0
PRU 27 15:58:16.7.1.2, 51.40N, 16.13E, h0km
NEIC 27 15:58:16.7.1.2, 51.44N, 16.159E, h5km, ML2.6(SZGRF), Error ellipse: s-maj=20.6km s-min=8.0km az=196.0
WAR 27 15:58:16.3.1.44N, 16.12E, ML2.6, Mining Induced
VIE 27 15:58:17.1.0.6, 51.25N, 16.15E, h0km, mb2.2/4, ML2.6/4, Error ellipse: s-maj=3.5km s-min=3.2km az=173.0 62 km
WWV of Wrocław Suspected Mining induced.
ISC 27 15:58:15.0.0.6, 51.44N, 0.03, 16.15E, 0.03, h0km, n45,

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like KSP, UPC, DPC, DPC, PVCC, BRG, PRU, MORC, CLL, CLL, CLL, CLL, OKC, OKC, OKC, VRAC, KRUC, KRUC, OJC, NKC, NKC, JAVC, KHC, KHC, KHC, MOX, MOX, MOX, GEC2, GEC2, GEC2, SMOL, SMOL, WET, WET, NIE, NIE, NIE, VYHS.

2008 APR

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like VYHS, CONA, CONA, CONA, CLZ, CLZ, CLZ, MOA, MOA, STHS, STHS, STHS.

WEL 27 16:20:45.3.0.4, 36.90S, 177.53E, h168km, 3km, ML3.6/1.4, Error ellipse: s-maj=5.4km s-min=5.0km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like PUZ, URZ, MWZ, MWZ, KNZ, NMHZ, BKZ, MOVZ, PXZ, PNHZ, WPHZ, TSZ, PRHZ, DVHZ, BFZ, BFZ, MRZ, TWZ, OGWZ, KIW, MTW, CAW, TCUW, NNZ, QNZ, THZ, KHZ, LKZ, MOZ, ODZ.

ICD 27 16:25:27.2.17.0, 6.09S, 130.18E, h117km, 177km, mb2.8/1, mb1 3.0/4, mb1mx2/1.5, mbtmp2.9/4, ML3.2/3, Error ellipse: s-maj=129.0km s-min=60.1km az=43.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like FITZ, FITZ, WRA, WRA, ASAR, ASAR, MKAR, MKAR.

ISWJ 27 16:27:12.6.0.5, 23.89N, 0.03, 122.52E, 0.02, h25km, 5km, Error ellipse: s-maj=5.4km s-min=2.8km az=168.4
TAP 27 16:27:13.6.23.95N, 122.48E, h56km, 1km, ML3.1, C
JMA 27 16:27:13.0.0.3, 23.98N, 122.48E, h56km, ML2.0
ISC 27 16:27:13.5.0.7, 23.91N, 0.03, 122.52E, 0.02, h30km, 6km,

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like YOJ, YOJ, TWD, TWD, ENA, ENA, ESL, ESL, TWE, TWE, ENTT, ENTT, EHY, EHY, WHF, WHF, NNS, NNS, HATJ, HATJ, IRIF, IRIF, TWF1, TWF1, TWT, TWT, NSK, NSK, CHKT, CHKT, JKRS, JKRS, SMLT, SMLT, YUS, YUS, YUS, TYC, TYC, ELDTW, ELDTW, ELDTW, JIJ, JIJ, NSTT, NSTT.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like NSTT, ALS, ALS, TWQ1, TWQ1, TWG, TWG, CHN5, CHN5, CHN5, WTP, WTP, WTP, ECL, ECL, ECL, CHN1, CHN1, CHN1, TWK, TWK, TWK, LAY, LAY, LAY, SSD, SSD, SSD, JTJ, JTJ, EAST, EAST.

ISK 27 16:28:07.9.39.45N, 33.06E, h6km, MD3.1
DDA 27 16:28:07.2.39.41N, 33.07E, h3km, 2km, MD3.2
ISCJB 27 16:28:08.7.0.4, 39.44N, 0.03, 33.05E, 0.04, h10km, Error ellipse: s-maj=5.2km s-min=3.4km az=42.7
CSEM 27 16:28:08.1.0.1, 39.45N, 33.09E, h2km, MD3.2, Error ellipse: s-maj=2.4km s-min=1.9km az=130.0
ISC 27 16:28:08.4.0.6, 39.42N, 0.03, 33.07E, 0.04, h2km, 6km, n37, 0883/50, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like BBAL, BBAL, LOD, LOD, LOD, LOD, CDAG, CDAG, CDAG, KIZT, KIZT, KIZT, ELDT, ELDT, ELDT, KDHN, KDHN, KDHN, SVRH, SVRH, SVRH, CANT, CANT, SULT, SULT, LADK, LADK, LADK, CORM, CORM, KONT, KONT, ESKT, ESKT, ESKT, YOZ, YOZ, YOZ, MDU, MDU, MDU, TOS, TOS, TOS, CTKT, CTKT, CTKT, SAFT, SAFT, SAFT, KARACAY, KARACAY, KARACAY.

GUC 27 16:33:45.2.0.7, 23.90S, 67.59W, h218km, 9km, ML3.9, 2D, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like LVC, LVC, PECH, PECH, PECH, PB04, PB04, ANCH, ANCH, PB01, PB01, HMCB, HMCB, HMCB.

NEIC 27 16:59:30.9.32.14N, 115.79W, h1km, ML2.6(PAS), ML2.6(ECX), After ECX.
ECX 27 16:59:30.9.0.6, 32.14N, 115.79W, h1km, MD2.5, ML2.6, 4C-6D, California-Baja California border region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like RDX, RDX, RDX, EMX, EMX, EMX, RMX, RMX, RMX, CBX, CBX, CBX, ESTAB, ESTAB, ESTAB, PBX, PBX, BAR.

27d 16h

27d 17h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BAR, ECBX, San Pedro Mart, Glamis.

TAP 27 17:20:40.6, 24.98N, 122.40E, h130km, ML3.4, C
ISCJB 27 17:20:41.3, 0.7, 24.89N, 122.44E, 0.03,
h122km, 5km, Error ellipse: s-maj=7.1km s-min=3.9km
az=169.8

JMA 27 17:20:41.1, 0.5, 24.98N, 122.41E, h118km
ISC 27 17:20:41.6, 0.7, 24.90N, 122.44E, 0.03, h123km, 5km,
n37, 0.65/69, 2D, Taiwan region

Main table for 27d 17h section, listing stations like TWB1, NWF, ILA, YONAGUNI JIMA, etc., with their respective coordinates and phases.

NIED 27 17:32:00, 24.90N, 125.10E, h20km, Mw5.1 Best double couple: M=4.96000e+1016 NP1=3.16.00000, 0.46.00000,
lambda=102.00000. NP2=153.00000, 0.46.00000,
lambda=78.00000

SZGRF 27 17:32:02.6, 23.60N, 125.65E, h20km, mb5.3, MS5.1,
Southwestern Ryukyu Islands, Japan
IDC 27 17:32:05.0, 24.90N, 125.01E, h0km, mb4.6/19,
mb1 4.7/21, mb1mx4.7/25, mbmp4.6/21, ML4.1/2, MS4.5/34,
Ms1 4.5/34, ms1mx4.4/45, Error ellipse: s-maj=15.9km
s-min=13.5km az=73.0
BUJ 27 17:32:06.1, 24.53N, 125.40E, h35km, mb4.8/37, mb4.6/38,
Ms4.9/62, Ms7 4.7/52
JMA Felt IV J1
ISCJB 27 17:32:08.0, 0.3, 24.78N, 125.08E, 0.02, h27km, 2km,

2008 APR

mb5.0/153, MS4.7/58, Error ellipse: s-maj=3.6km
s-min=2.4km az=158.0
DJA 27 17:32:09.24, 90N, 125.14E, h10km, mb5.1/25
MOS 27 17:32:09.6, 1.2, 24.93N, 125.16E, h33km, mb5.2/59,
MS4.8/18, Error ellipse: s-maj=9.5km s-min=4.5km
az=115.4
GCMT 27 17:32:11.1, 0.2, 24.79N, 125.06E, h27km, MW5.2/83,
Moment Tensor Solution, s59, c81; s83, c135; Duration:
0 Moment tensor: Scale 1016Nm; Mr=6.15e-18;
Mw=1.71e-12; M0=4.44e-13; M=1.66e-20; Mw=3.20e-08;
M=1.54e-21; Best double couple: M=6.74500e+1016
NP1=332.00000, 0.36.00000, lambda=0.00000; NP2:
phi=142.00000; 855.00000; lambda=96.00000; Principal axes:
T 6.9250, P1g10.0000; Azm236.0000; N -0.3600;
P1g5.0000; Azm145.0000; P -6.5660, P1g79.0000;
Azm29.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s.
NEIC 27 17:32:11.1, 0.2, 24.81N, 125.05E, h35km, mb5.1/84,
MS5.1/7, MW5.1(NIED) Error ellipse: s-maj=5.4km
s-min=4.3km az=142.0

NEIC Felt at Hirara, Miyako-jima. Recorded [4 JMA] on
Iriomote-jima, [3 JMA] on Tarama-shima and [1 JMA] on
Iriomote-jima and Ishigaki-jima.
ISC 27 17:32:11.1, 0.2, 24.77N, 125.10E, 0.02, h24km, 2km,
h2km, 2.9km; pp-P, n550, 1807/561, mb5.0/153, MS4.7/58,
58C-71D, Southwestern Ryukyu Islands

Main table for 2008 APR section, listing stations like JMJ, JGGS, JTK, etc., with their respective coordinates and phases.

1286

Main table for 1286 section, listing stations like MAJO, MAJO, MAT, MJAR, GYA, etc., with their respective coordinates and phases.

GUM0	Guam	21.70 117	eP	P	17 36 59.4 +0.2
GUM0			pmax	pmax	
	comp=Z,293nm,1.4s,mb5.5				
GUM0	Guam	21.70 117	LR	LR	17 43 38.1
	comp=Z,881nm,19.0s,MS4.2,baz=8,slow=32				
GUM0	Guam	21.70 117	eP	P	17 36 59.4 +0.2
	comp=Z,293nm,1.4s,mb5.5				
ERM	Ermo	22.80 37	eP	P	17 37 08.2 -2.4
ERM			pmax	pmax	
	comp=Z,59nm,1.0s,mb5.0				
ERM	Ermo	22.80 37	eP	P	17 37 08.2 -2.4
	comp=Z,59nm,1.0s,mb5.0				
ASAJ	Asahikawa	24.01 32	P	P	17 37 20.1 -2.5
	comp=Z,13nm,0.4s,mb4.7,baz=24,slow=13,SNR=27				
ASAJ			LR	LR	17 46 56.4
	comp=Z,21um,20.4s,MS4.5,baz=11,slow=37				
BTM	Bintulu	24.37 210	P	P	17 37 26.7 +0.6
HIA	Hailar	24.81 352	eP	P	17 37 27.9 -1.9
HIA			pmax	pmax	
	comp=Z,40nm,1.1s				
HIA	Hailar	24.81 352	eP	P	17 37 27.9 -1.9
	comp=Z,40nm,1.1s,mb4.9				
HABR	Khabarovsk	24.93 16	P	P	17 37 28.3 -2.6
HABR			i-SP	sP	17 37 41.7 +0.8
HABR			S	S	17 41 48.5 -4.4
HABR			eSS	SS	17 42 04.5 0.0
HABR			eSSS	SS	17 42 51.6
HABR			pmax	pmax	17 48 27.2
	comp=E,48nm,2.5s				
HABR			pmax	pmax	
	comp=N,83nm,4.8s				
HABR			pmax	pmax	
	comp=Z,70nm,3.1s				
HABR			MLR	MLR	
	comp=Z,697nm,17.0s,MS4.2				
KLR	Kul'dur	24.97 10	eP	P	17 37 24.6 -6.7
CMAR	Chiang Mai Arr	25.09 261	P	P	17 37 32.7 +0.2
	comp=Z,8.7nm,0.9s,mb4.3,baz=60,slow=7.9,SNR=46				
CMAR			PcP	PcP	17 41 07.5 +0.6
	comp=Z,0.6nm,0.4s,baz=26,slow=1.6,SNR=5.1				
SBUM	Sib	25.43 211	P	P	17 37 36.3 +0.5
GTA	Gaotai	25.81 311	iP	P	17 37 38.5 -0.5
GTA			pP	pP	17 37 47.8 +1.7
GTA			sP	sP	17 37 51.5 +2.5
GTA			S	S	17 42 00.8 -6.3
	comp=Z,11nm,1.2s,mb4.3				
GTA			pmax	pmax	
	comp=Z,180nm,8.0s				
GTA			LR	LR	
GTA	comp=N,11um,17.3s,MS4.8				
GTA			LR	LR	
	comp=E,2um,13.4s,MS4.8				
GTA			LR	LR	
YSS	Yuzh-Sakhalins	26.24 28	eP	P	17 37 41.1 -1.8
YSS			pmax	pmax	
	comp=Z,40nm,1.2s,mb4.8				
YSS	Yuzh-Sakhalins	26.24 28	eP	P	17 37 41.1 -1.8
	comp=Z,40nm,1.2s,mb4.8				
ULN	Ulanbaatar	27.12 333	eP	P	17 37 49.5 -1.3
ULN			pmax	pmax	
	comp=Z,18nm,1.3s,mb4.4				
ULN	Ulanbaatar	27.12 333	eP	P	17 37 49.5 -1.2
	comp=Z,18nm,1.3s,mb4.4				
KSM	Kuching	27.21 214	P	P	17 37 52.3 +0.4
KSM	Kuching	27.21 214	eP	P	17 37 53.0 +1.0
	comp=Z,25nm,0.9s,mb4.7				
SONM	Songino Array	27.37 332	P	P	17 37 52.1 -1.0
	comp=Z,1.7nm,0.5s,mb3.9,baz=151,slow=9.6,SNR=20				
SONM			ScP	ScP	17 44 49.9 -0.9
	comp=Z,0.5nm,0.8s,baz=169,slow=1.5,SNR=4.0				
SONM			LR	LR	17 50 11.8
	comp=Z,2um,18.0s,MS4.7,baz=138,slow=40				
KTGM	Kuala Trengganu	28.61 231	P	P	17 38 03.5 -0.9
KULM	Kulim	30.43 234	P	P	17 38 19.5 -1.0
LSA	Lhasa	30.51 287	eP	P	17 38 22.2 +1.0
LSA			pmax	pmax	
	comp=Z,6.0nm,0.6s,mb4.6				
LSA	Lhasa	30.51 287	eP	P	17 38 22.2 +1.0
	comp=Z,5.7nm,0.6s,mb4.6				
ZAK	Zakamensk	30.64 332	eP	P	17 38 20.5 -1.5
ZAK			pmax	pmax	
	comp=Z,3.0nm,1.6s,mb3.9				
IPM	Ipo	30.70 233	P	P	17 38 22.0 -0.9
MYKOM	Kota Tinggi	30.70 225	P	P	17 38 22.6 -0.4
KGM	Kluang	30.88 226	P	P	17 38 24.0 -0.4
FR1M	Kepong	31.14 230	P	P	17 38 26.0 -0.8
TLY	Talaya	31.48 334	P	P	17 38 28.4 -1.0
TLY			eSS	SS	17 39 41.7
TLY			eSS	SS	17 45 45.3 -5.8
	comp=Z,6.0nm,1.0s,mb4.4				
TLY			MLR	MLR	
	comp=Z,2um,15.0s,MS4.8				
MOY	Mondy	32.56 332	eP	P	17 38 37.8 -1.1
MOY			pmax	pmax	
	comp=Z,28nm,1.7s,mb4.9				
GUN	Gumba	35.18 284	eP	P	17 39 02.3 +0.3
	comp=Z,25nm,0.9s,mb5.1				
PKI	Pulchoki	35.62 283	eP	P	17 39 06.5 +0.7
PKIN	Pulchoki	35.63 283	eP	P	17 39 06.4 +0.5
	comp=Z,4.3nm,0.4s,mb4.8				
KKN	Kakan	35.72 284	eP	P	17 39 07.3 +0.6
	comp=Z,18nm,0.7s,mb5.1				
WMQ	Urumqi	35.88 311	eP	P	17 39 09.0 +1.2
WMQ			pP	pP	17 39 19.0 +4.0
WMQ			sP	sP	17 39 23.0 +5.1
WMQ			PP	PP	17 40 31.0 +11.5
WMQ			S	S	17 44 44.0 -0.4
WMQ			SS	SS	17 47 05.0 -1.6
	comp=Z,25nm,1.0s,mb5.1				
WMQ			pmax	pmax	
	comp=Z,85nm,4.0s				
WMQ			LR	LR	
	comp=N,790nm,15.0s,MS4.7				
WMQ			LR	LR	
	comp=E,550nm,15.0s,MS4.7				
WMQ			LR	LR	
	comp=Z,680nm,15.0s,MS4.5				
GKN	Gorkha	36.27 284	eP	P	17 39 12.0 +0.6
	comp=Z,11nm,0.4s,mb5.2				
DANN	Dangsing	37.02 285	eP	P	17 39 19.0 +1.3
	comp=Z,21nm,0.5s,mb5.2				
KOLN	Koldanda	37.21 284	eP	P	17 39 20.2 +0.9
	comp=Z,16nm,0.9s,mb4.8				
YAK	Yakutsk	37.38 4	eP	P	17 39 16.7 -3.6
YAK			e	e	17 40 42.2
YAK			e	e	17 41 35.7
YAK			eS	SS	17 45 02.6 -4.1
YAK			eSS	SS	17 47 32.4 -1.8
YAK			eSSS	SS	17 48 03.3
YAK			pmax	pmax	17 48 29.1
	comp=Z,5.0nm,1.0s,mb4.3				
YAK			pmax	pmax	
	comp=Z,52nm,4.7s				
YAK			pmax	pmax	
	comp=N,25nm,4.1s				
YAK			pmax	pmax	
	comp=E,104nm,4.2s				
YAK			MLR	MLR	
	comp=Z,1um,15.0s,MS4.8				
YAK			MLR	MLR	
	comp=N,711nm,13.0s,MS4.7				
YAK			MLR	MLR	
	comp=E,200nm,13.0s,MS4.7				
PEA08	Petrovlovsk	37.43 32	eP	P	17 39 20.1 -0.8
PETK	Petrovlovsk	37.43 32	P	P	17 39 19.0 -1.8
	comp=E,3.0nm,0.5s,mb4.4,baz=155,slow=3.2,SNR=25				
PETK			LR	LR	17 39 23.3
	comp=E,526nm,19.5s,MS4.3,baz=94,slow=36				
PET	Petrovlovsk	37.85 33	eP	P	17 41 15.2 -1.2
PET			e	e	17 41 38.2
PET			eS	S	17 45 11.6 -2.5
PET			pmax	pmax	
	comp=Z,71nm,1.4s,mb5.2				
PET			pmax	pmax	
	comp=Z,930nm,12.6s				
PET			MLR	MLR	
	comp=Z,543nm,21.4s,MS4.3				
PET			MLR	MLR	
	comp=Z,760nm,17.5s				
PET	Petrovlovsk	37.85 33	eP	P	17 39 22.9 -1.5
KAKA	Kakadu	37.94 168	eP	P	17 39 20.1 -5.4
	comp=Z,11nm,0.7s,mb4.7				
KAKA	Kakadu	37.94 168	eP	P	17 39 23.1 -2.4
	comp=Z,49nm,0.8s,mb5.3				
KNA	Kunurru	40.43 175	eP	P	17 39 46.2 -0.1
	comp=Z,27nm,1.1s,mb4.9				
MK31	Makanchi Array	40.45 314	eP	P	17 39 44.3 -2.0
MKAR	Makanchi Array	40.45 314	iP	P	17 39 44.5 -1.8
MKAR			pmax	pmax	
	comp=Z,5.0nm,0.4s				
MKAR	Makanchi Array	40.45 314	P	P	17 39 44.5 -1.8
	comp=Z,4.8nm,0.4s,mb4.6,baz=100,slow=10,SNR=79				
MKAR			LR	LR	17 57 52.4
	comp=Z,735nm,18.3s,MS4.6,baz=105,slow=38				
ZALV	Zalesovo Beam	41.75 325	P	P	17 39 54.3 -2.5
	comp=Z,8.5nm,0.5s,mb4.7,baz=113,slow=8.5,SNR=53				
ZALV			LR	LR	17 58 41.0
	comp=Z,491nm,18.3s,MS4.4,baz=106,slow=38				
ZALV	Zalesovo Beam	41.75 325	LR	LR	17 58 41.0
	comp=Z,491nm,18.3s,MS4.4,baz=106,slow=38				
ZALV			P	P	17 39 54.3 -2.5
	comp=Z,491nm,18.3s,MS4.4,baz=106,slow=38				
SEY	Seymchan	42.26 18ceP	P	P	17 40 00.3 -0.6
COEN	Coen	42.34 153	eP	P	17 40 02.5 +0.5
	comp=Z,213nm,1.0s,mb5.7				
FITZ	Fitzroy Crossi	42.61 179	eP	P	17 40 04.4 +0.2
	comp=Z,19nm,0.6s,mb5.0				
FITZ	Fitzroy Crossi	42.61 179	eP	P	17 40 03.6 -0.6
	comp=Z,11nm,0.8s,mb4.6				
NVS	Novosibirsk	42.99 326	eP	P	17 40 04.9 -2.0
NVS			pmax	pmax	
	comp=N,7.0nm,1.5s				
NVS			pmax	pmax	
	comp=E,9.0nm,1.5s				
NVS			pmax	pmax	
	comp=Z,11nm,1.5s,mb4.4				
KSH	Kashi	43.59 302	P	P	17 40 15.8 +3.8
KSH			pP	pP	17 40 25.5 +6.2
KSH			sP	sP	17 40 29.5 +7.3
KSH			PcP	PcP	17 41 59.5 +5.9
KSH			ScP	ScP	17 42 02.3 -2.9
KSH			PcS	PcS	17 45 50.0 +0.5
KSH			PcS	PcS	17 45 54.0 +1.9
KSH			S	S	17 46 43.8 +3.7
KSH			SS	SS	17 47 00.0 +8.0
KSH			SS	SS	17 48 52.3 -2.9
KSH			ScS	ScS	17 50 09.8 -0.5
	comp=Z,26nm,1.0s,mb4.9				
KSH			pmax	pmax	
	comp=Z,180nm,4.5s				
KSH			LR	LR	
	comp=N,790nm,12.7s,MS5.3				
KSH			LR	LR	
	comp=E,2um,14.6s,MS5.3				
KSH			LR	LR	
	comp=Z,2um,12.4s,MS5.2				
ULHL	Ulahol	43.68 306	P	P	17 40 12.2 -0.5
	SNR=9.0				
KURK	Kurchatov	43.98 318	P	P	17 40 13.3 -1.7
	comp=Z,144nm,0.5s,mb6.0,SNR=17				
KURK	Kurchatov	43.98 318	eP	P	17 40 12.4 -2.6
	comp=Z,31nm,1.2s,mb4.9				
KURK			pmax	pmax	
	comp=Z,31nm,1.2s,mb4.9				
KURK			P	P	17 40 13.7 -1.3
TKM2	Tokmak 2	44.24 307	P	P	17 40 17.1 -0.1
	SNR=35				
TKM2	Tokmak 2	44.24 307	eP	P	17 40 16.4 -0.8
	comp=Z,23nm,0.7s,mb5.0				
TKM2	Tokmak 2	44.24 307	eP	P	17 40 16.4 -0.8
	comp=Z,23nm,0.7s,mb5.0				
KZA	Kyzart	44.39 306	P	P	17 40 19.3 +0.9
	SNR=15				
KBK	Karagbulak	44.68 306	P	P	17 40 22.2 +1.5
	SNR=14				
CHMS	Chumysh	44.87 307	P	P	17 40 23.1 +0.9
	SNR=				

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes entries for Yuzh-Sakhalins, Abashiri-Toko, Kamakawa 2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes entries for Mt. Cagua, Basco, Cauayan, BUI 27, NEIC 27, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes entries for RAR Rarotonga, URZ Urewera, DZM Mont Dzumac, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like BILBINO, XIAN, KUNMING, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like PSZ, TREST, SNF, etc.

IDC 27 19:29:57.8, 3, 2, 21:65S:174.92W, h0km, mb4, 1/5, mb1 4.2/5, mbTmx3.9/15, mbTmP4.1/5, Error ellipse: s-maj=99.2km s-min=31.8km az=140.0

NEIC 27 19:30:05.2, 2, 0, 21:60S:175.39W, h35km, mb4.0/3, Error ellipse: s-maj=65.1km s-min=12.2km az=137.0, Tonga Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time Res, and other parameters. Includes stations like AFI, URZ, CTA, etc.

IDC 27 19:47:55.6, 0, 8, 52:12N:169:65W, h0km, mb4, 2/21, mb1 4.4/22, mb1mx4.3/26, mbTmP4.2/22, MLS, 2/1, Error ellipse: s-maj=23.1km s-min=13.2km az=164.0

ISCJB 27 19:47:56.9, 1.4, 52:03N:0.07E:169:66W:0.06, h16km, 8km, mb4, 4/74, Error ellipse: s-maj=11.7km s-min=5.1km az=161.9

BJI 27 19:47:58.1, 52:00N:169:60W, h25km, mb4.9/12, mb4.8/26, Ms4.7/7, Ms7.4/5.6

MOS 27 19:47:59.7, 1.1, 52:09N:169:78W, h33km, mb4.7/35, Error ellipse: s-maj=15.0km s-min=6.4km az=96.0

NEIC 27 19:48:01.0, 1.0, 4, 52:05N:169:62W, h35km, mb4.5/40, Error ellipse: s-maj=11.0km s-min=5.3km az=164.0

ISC 27 19:47:57.1, 4, 52:11N:0.07E:169:66W:0.06, h9km, 7km, h32km, 2.8km:pp-P, n169, e0997/176, mb4.4/74, 6C-2D, Fox Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time Res, and other parameters. Includes stations like NIKO, OKFG, UNV, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like MDJ, PDAR, FCC, etc.

Table with columns for station name, coordinates, and other data. Includes stations like URLA Izmir, BALCOVA Balcovia, AKS Akhisar, etc.

Table with columns for station name, coordinates, and other data. Includes stations like ISP Isparta, ISK Istanbul-Kandi, ELL ELLI, etc.

Table with columns for station name, coordinates, and other data. Includes stations like WNT Mingjian, NSK Sanguang, TCU Taichung, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, and other parameters. Includes stations like IRIF, TWK1, TSEB, HATJ, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, and other parameters. Includes stations like LSA, WMQ, Urumqi, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, and other parameters. Includes stations like ARCES, MORR, Mol Rana, etc.

1299

220A	Playas Peak, P	15.86 332	↑P	Pn	00 10 09.5 +0.7
122A	Corniff Cattle	15.95 338	↑P	Pn	00 10 10.9 +1.0
121A	Cookes Peak, D	16.10 336	↑P	Pn	00 10 12.8 +1.1
318A	Bisbee	16.17 328	↑P	Pn	00 10 13.3 +0.6
219A	White Tail Can	16.27 331	↑P	Pn	00 10 14.5 +0.6
JTS	JuntasAbangare	16.45 116	↑P	Pn	00 10 20.4 +4.2
JTS	JuntasAbangare	16.45 116	↓P	Pn	00 10 16.6 +0.4
JTS	Juntas Abangare	16.43 116	↓P	Pn	00 10 17.7 +0.6
JTS	comp=Z,42m,0.3s,baz=277,slow=16,SNR=83			sP	00 10 35.0 -7.5
JTS	comp=Z,20nm,0.3s,baz=277,slow=16,SNR=4.5			S	00 13 22.9 -3.0
JTS	comp=Z,20m,2.1s,baz=313,slow=40			LR	00 17 18.6
JTS	comp=Z,1.2nm,0.3s,baz=97,slow=5.6,SNR=9.1			P3KP	00 45 59.0
JTS	JuntasAbangare	16.45 116	↓P	Pn	00 10 17.9 +1.7
120A	U Bar Ranch, L	16.46 333	↑P	Pn	00 10 17.5 +1.3
VBMS	Wicksburg	16.54 29	↑P	Pn	00 10 16.0 -1.1
VBMS	Soroa	16.60 70	↑P	S	00 13 26.9 -0.5
SOR	SOR			Sx	00 10 14.3 -3.7
SOR	comp=N,6.3nm,3.8s			e	00 12 56.2
FORC	Fortuna	16.60 115	↑P	Pn	00 10 19.5 +1.4
218A	Dragon	16.63 329	↑P	Pn	00 10 19.3 +1.0
WMOK	Wichita Mounta	16.71 3	↑P	Pn	00 10 17.7 -1.6
WMOK	Wichita Mounta	16.71 3	↑P	Pn	00 13 27.6 -3.3
WMOK	comp=Z,781nm,1.2s			pmx	
WMOK	Wichita Mounta	16.71 3	↑P	Pn	00 10 17.7 -1.6
WMOK	Wichita Mounta	16.71 3	↑P	Pn	00 13 27.6 -3.4
Z21A	St. Cloud Mine	16.75 337	↑P	Pn	00 10 21.6 +1.9
217A	Green Valley	16.87 326	↑P	Pn	00 10 22.1 +0.9
AMTX	Amarillo	16.89 355	↑P	Pn	00 10 20.9 -0.6
AMTX	comp=Z,1.1m,1.1s			S	00 13 29.9 -4.7
Z20A	Nine Sixteen R	16.93 334	↑P	Pn	00 10 23.1 +1.1
119A	Ashpeak Ranch,	16.94 332	↑P	Pn	00 10 24.0 +1.8
CGA2	Cerro Gallo 2	17.00 116	↑P	Pn	00 10 25.0 +2.4
118A	Homack Ranch,	17.14 330	↑P	Pn	00 10 26.1 +1.4
PRST	Puriscal	17.14 116	↑P	Pn	00 10 27.6 +2.8
BNM	Barren Site	17.16 341	↑P	Pn	00 10 26.9 +1.9
BNM	IRIS PASSCAL I	17.18 340	↑P	Pn	00 15 05.4 +0.4
Y22D	Tucson	17.27 328	↑P	Pn	00 10 26.9 +0.6
TUC	Tucson			S	00 13 41.9 -0.5
TUC	comp=Z,184nm,1.0s			pmx	
TUC	Tucson	17.27 328	↑P	Pn	00 10 26.9 +0.7
TUC	comp=Z,184nm,1.0s			S	00 13 41.9 -0.6
LENM	Lemitar	17.28 340	↑P	Pn	00 10 27.8 +1.4
LPM	Los Pinos Moun	17.31 341	↑P	Pn	00 10 28.0 +1.4
LAJ	Bijagal	17.37 116	↑P	Pn	00 10 25.8 -1.7
Z19A	T-Link Ranch,	17.37 333	↑P	Pn	00 10 29.2 +1.8
Y21A	Point of Rocks	17.38 338	↑P	Pn	00 10 30.0 +2.5
119A	Ashpeak Ranch,	17.38 338	↑P	Pn	00 10 25.0 +1.8
CGA2	Cerro Gallo 2	17.00 116	↑P	Pn	00 10 24.0 +2.4
118A	Homack Ranch,	17.14 330	↑P	Pn	00 10 26.1 +1.4
PRST	Puriscal	17.14 116	↑P	Pn	00 10 27.6 +2.8
BNM	Barren Site	17.16 341	↑P	Pn	00 10 26.9 +1.9
BNM	IRIS PASSCAL I	17.18 340	↑P	Pn	00 15 05.4 +0.4
Y22D	Tucson	17.27 328	↑P	Pn	00 10 26.9 +0.6
TUC	Tucson			S	00 13 41.9 -0.5
TUC	comp=Z,184nm,1.0s			pmx	
TUC	Tucson	17.27 328	↑P	Pn	00 10 26.9 +0.7
TUC	comp=Z,184nm,1.0s			S	00 13 41.9 -0.6
LENM	Lemitar	17.28 340	↑P	Pn	00 10 27.8 +1.4
LPM	Los Pinos Moun	17.31 341	↑P	Pn	00 10 28.0 +1.4
LAJ	Bijagal	17.37 116	↑P	Pn	00 10 25.8 -1.7
Z19A	T-Link Ranch,	17.37 333	↑P	Pn	00 10 29.2 +1.8
Y21A	Point of Rocks	17.38 338	↑P	Pn	00 10 30.0 +2.5
119A	Ashpeak Ranch,	17.38 338	↑P	Pn	00 10 25.0 +1.8
CGA2	Cerro Gallo 2	17.00 116	↑P	Pn	00 10 24.0 +2.4
118A	Homack Ranch,	17.14 330	↑P	Pn	00 10 26.1 +1.4
PRST	Puriscal	17.14 116	↑P	Pn	00 10 27.6 +2.8
BNM	Barren Site	17.16 341	↑P	Pn	00 10 26.9 +1.9
BNM	IRIS PASSCAL I	17.18 340	↑P	Pn	00 15 05.4 +0.4
Y22D	Tucson	17.27 328	↑P	Pn	00 10 26.9 +0.6
TUC	Tucson			S	00 13 41.9 -0.5
TUC	comp=Z,184nm,1.0s			pmx	
TUC	Tucson	17.27 328	↑P	Pn	00 10 26.9 +0.7
TUC	comp=Z,184nm,1.0s			S	00 13 41.9 -0.6
LENM	Lemitar	17.28 340	↑P	Pn	00 10 27.8 +1.4
LPM	Los Pinos Moun	17.31 341	↑P	Pn	00 10 28.0 +1.4
LAJ	Bijagal	17.37 116	↑P	Pn	00 10 25.8 -1.7
Z19A	T-Link Ranch,	17.37 333	↑P	Pn	00 10 29.2 +1.8
Y21A	Point of Rocks	17.38 338	↑P	Pn	00 10 30.0 +2.5
119A	Ashpeak Ranch,	17.38 338	↑P	Pn	00 10 25.0 +1.8
CGA2	Cerro Gallo 2	17.00 116	↑P	Pn	00 10 24.0 +2.4
118A	Homack Ranch,	17.14 330	↑P	Pn	00 10 26.1 +1.4
PRST	Puriscal	17.14 116	↑P	Pn	00 10 27.6 +2.8
BNM	Barren Site	17.16 341	↑P	Pn	00 10 26.9 +1.9
BNM	IRIS PASSCAL I	17.18 340	↑P	Pn	00 15 05.4 +0.4
Y22D	Tucson	17.27 328	↑P	Pn	00 10 26.9 +0.6
TUC	Tucson			S	00 13 41.9 -0.5
TUC	comp=Z,184nm,1.0s			pmx	
TUC	Tucson	17.27 328	↑P	Pn	00 10 26.9 +0.7
TUC	comp=Z,184nm,1.0s			S	00 13 41.9 -0.6
LENM	Lemitar	17.28 340	↑P	Pn	00 10 27.8 +1.4
LPM	Los Pinos Moun	17.31 341	↑P	Pn	00 10 28.0 +1.4
LAJ	Bijagal	17.37 116	↑P	Pn	00 10 25.8 -1.7
Z19A	T-Link Ranch,	17.37 333	↑P	Pn	00 10 29.2 +1.8
Y21A	Point of Rocks	17.38 338	↑P	Pn	00 10 30.0 +2.5
119A	Ashpeak Ranch,	17.38 338	↑P	Pn	00 10 25.0 +1.8
CGA2	Cerro Gallo 2	17.00 116	↑P	Pn	00 10 24.0 +2.4
118A	Homack Ranch,	17.14 330	↑P	Pn	00 10 26.1 +1.4
PRST	Puriscal	17.14 116	↑P	Pn	00 10 27.6 +2.8
BNM	Barren Site	17.16 341	↑P	Pn	00 10 26.9 +1.9
BNM	IRIS PASSCAL I	17.18 340	↑P	Pn	00 15 05.4 +0.4
Y22D	Tucson	17.27 328	↑P	Pn	00 10 26.9 +0.6
TUC	Tucson			S	00 13 41.9 -0.5
TUC	comp=Z,184nm,1.0s			pmx	
TUC	Tucson	17.27 328	↑P	Pn	00 10 26.9 +0.7
TUC	comp=Z,184nm,1.0s			S	00 13 41.9 -0.6
LENM	Lemitar	17.28 340	↑P	Pn	00 10 27.8 +1.4
LPM	Los Pinos Moun	17.31 341	↑P	Pn	00 10 28.0 +1.4
LAJ	Bijagal	17.37 116	↑P	Pn	00 10 25.8 -1.7
Z19A	T-Link Ranch,	17.37 333	↑P	Pn	00 10 29.2 +1.8
Y21A	Point of Rocks	17.38 338	↑P	Pn	00 10 30.0 +2.5
119A	Ashpeak Ranch,	17.38 338	↑P	Pn	00 10 25.0 +1.8
CGA2	Cerro Gallo 2	17.00 116	↑P	Pn	00 10 24.0 +2.4
118A	Homack Ranch,	17.14 330	↑P	Pn	00 10 26.1 +1.4
PRST	Puriscal	17.14 116	↑P	Pn	00 10 27.6 +2.8
BNM	Barren Site	17.16 341	↑P	Pn	00 10 26.9 +1.9
BNM	IRIS PASSCAL I	17.18 340	↑P	Pn	00 15 05.4 +0.4
Y22D	Tucson	17.27 328	↑P	Pn	00 10 26.9 +0.6
TUC	Tucson			S	00 13 41.9 -0.5
TUC	comp=Z,184nm,1.0s			pmx	
TUC	Tucson	17.27 328	↑P	Pn	00 10 26.9 +0.7
TUC	comp=Z,184nm,1.0s			S	00 13 41.9 -0.6
LENM	Lemitar	17.28 340	↑P	Pn	00 10 27.8 +1.4
LPM	Los Pinos Moun	17.31 341	↑P	Pn	00 10 28.0 +1.4
LAJ	Bijagal	17.37 116	↑P	Pn	00 10 25.8 -1.7
Z19A	T-Link Ranch,	17.37 333	↑P	Pn	00 10 29.2 +1.8
Y21A	Point of Rocks	17.38 338	↑P	Pn	00 10 30.0 +2.5
119A	Ashpeak Ranch,	17.38 338	↑P	Pn	00 10 25.0 +1.8
CGA2	Cerro Gallo 2	17.00 116	↑P	Pn	00 10 24.0 +2.4
118A	Homack Ranch,	17.14 330	↑P	Pn	00 10 26.1 +1.4
PRST	Puriscal	17.14 116	↑P	Pn	00 10 27.6 +2.8
BNM	Barren Site	17.16 341	↑P	Pn	00 10 26.9 +1.9
BNM	IRIS PASSCAL I	17.18 340	↑P	Pn	00 15 05.4 +0.4
Y22D	Tucson	17.27 328	↑P	Pn	00 10 26.9 +0.6
TUC	Tucson			S	00 13 41.9 -0.5
TUC	comp=Z,184nm,1.0s			pmx	
TUC	Tucson	17.27 328	↑P	Pn	00 10 26.9 +0.7
TUC	comp=Z,184nm,1.0s			S	00 13 41.9 -0.6
LENM	Lemitar	17.28 340	↑P	Pn	00 10 27.8 +1.4
LPM	Los Pinos Moun	17.31 341	↑P	Pn	00 10 28.0 +1.4
LAJ	Bijagal	17.37 116	↑P	Pn	00 10 25.8 -1.7
Z19A	T-Link Ranch,	17.37 333	↑P	Pn	00 10 29.2 +1.8
Y21A	Point of Rocks	17.38 338	↑P	Pn	00 10 30.0 +2.5
119A	Ashpeak Ranch,	17.38 338	↑P	Pn	00 10 25.0 +1.8
CGA2	Cerro Gallo 2	17.00 116	↑P	Pn	00 10 24.0 +2.4
118A	Homack Ranch,	17.14 330	↑P	Pn	00 10 26.1 +1.4
PRST	Puriscal	17.14 116	↑P	Pn	00 10 27.6 +2.8
BNM	Barren Site	17.16 341	↑P	Pn	00 10 26.9 +1.9
BNM	IRIS PASSCAL I	17.18 340	↑P	Pn	00 15 05.4 +0.4
Y22D	Tucson	17.27 328	↑P	Pn	00 10 26.9 +0.6
TUC	Tucson			S	00 13 41.9 -0.5
TUC	comp=Z,184nm,1.0s			pmx	
TUC	Tucson	17.27 328	↑P	Pn	00 10 26.9 +0.7
TUC	comp=Z,184nm,1.0s			S	00 13 41.9 -0.6
LENM	Lemitar	17.28 340	↑P	Pn	00 10 27.8 +1.4
LPM	Los Pinos Moun	17.31 341	↑P	Pn	00 10 28.0 +1.4
LAJ	Bijagal	17.37 116	↑P	Pn	00 10 25.8 -1.7
Z19A	T-Link Ranch,	17.37 333	↑P	Pn	00 10 29.2 +1.8
Y21A	Point of Rocks	17.38 338	↑P	Pn	00 10 30.0 +2.5
119A	Ashpeak Ranch,	17.38 338	↑P	Pn	00 10 25.0 +1.8
CGA2	Cerro Gallo 2	17.00 116	↑P	Pn	00 10 24.0 +2.4
118A	Homack Ranch,	17.14 330	↑P	Pn	00 10 26.1 +1.4
PRST	Puriscal	17.14 116	↑P	Pn	00 10 27.6 +2.8
BNM	Barren Site	17.16 341	↑P	Pn	00 10 26.9 +1.9
BNM	IRIS PASSCAL I	17.18 340	↑P	Pn	00 15 05.4 +0.4
Y22D	Tucson	17.27 328	↑P	Pn	00 10 26.9 +0.6
TUC	Tucson			S	00 13 41.9 -0.5
TUC	comp=Z,184nm,1.0s			pmx	
TUC	Tucson	17.27 328	↑P	Pn	00 10 26.9 +0.7
TUC	comp=Z,184nm,1.0s			S	00 13 41.9 -0.6
LENM	Lemitar	17.28 340	↑P	Pn	00 10 27.8 +1.4
LPM	Los Pinos Moun	17.31 34			

28d Oh

2008 APR

1300

Table with columns: Station, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like Goldstone, Junction, Cedar City, Mount Wilson, etc.

Table with columns: Station, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like Isabella, Bloomington, Maple Canyon, John Jarvis Ra, etc.

Table with columns: Station, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like Mina Array Bea, Boulder Array, Pinedale Array, etc.

RR12	Red Ridge	27.04	342j	eP	P	00 12 04.7	-0.3
RR12	comp=Z,254nm,1.2s,mb5.6						
RR12	Red Ridge	27.04	342j	eP	P	00 12 04.7	-0.3
RR12	comp=Z,254nm,1.2s,mb5.6						
TPAW	Teton Pass	27.06	342j	eP	P	00 12 05.2	0.0
TPAW	comp=Z,260nm,1.0s,mb5.7						
TPAW	Teton Pass	27.06	342j	eP	P	00 12 05.2	0.0
TPAW	comp=Z,260nm,1.0s,mb5.7						
J16A	Bone	27.06	341	iP	S	00 16 38.3	+0.8
J16A	comp=Z,27,SNR=111					00 12 05.3	+0.1
LOHW	Long Hollow	27.07	343j	eP	P	00 12 04.8	-0.5
LOHW	comp=Z,111nm,1.0s,mb5.3						
LOHW	Long Hollow	27.07	343j	eP	P	00 12 04.8	-0.5
LOHW	comp=Z,111nm,1.0s,mb5.3						
SDDR	Presa de Saban	27.21	83	eP	S	00 16 37.9	+0.1
SDDR	comp=Z,1um,1.1s,mb6.3						
SDDR	Presa de Saban	27.21	83	eP	S	00 16 37.9	+0.1
SDDR	comp=Z,1um,1.1s,mb6.3						
DCIDI	Drake Creek	27.22	342	eP	P	00 12 06.8	+0.1
DCIDI	comp=Z,275nm,1.0s,mb5.7						
DCIDI	Drake Creek	27.22	342	eP	P	00 12 06.8	+0.1
DCIDI	comp=Z,275nm,1.0s,mb5.7						
L12A	House Creek Ra	27.28	335	iP	P	00 15 25.3	+0.3
L12A	comp=Z,27,SNR=8.6					00 12 07.3	+0.1
WCN	Washoe City	27.31	325	iP	P	00 12 08.4	+0.8
WCN	comp=Z,27,SNR=10						
GRTK	Grand Turk	27.35	78	eP	P	00 12 08.1	0.0
GRTK	comp=Z,1um,1.2s,mb6.4						
I17A	Pilgrim Ck	27.35	343	iP	P	00 12 08.4	+0.6
I17A	comp=Z,27,SNR=47						
K13A	Stover Farm, H	27.35	337	iP	P	00 12 08.1	+0.2
K13A	comp=Z,27,SNR=67						
PAHR	Pah Rah Range	27.40	326	eP	P	00 12 09.2	+0.9
PAHR	comp=Z,245nm,1.7s,mb5.5						
M10A	LL Ranch, Tu	27.41	332	iP	P	00 12 09.0	+0.6
M10A	comp=Z,27,SNR=67						
IMW	Indian Meadow	27.43	343	eP	P	00 12 08.4	-0.1
IMW	comp=Z,98nm,1.1s,mb5.2						
IMW	Indian Meadow	27.43	343	eP	P	00 12 08.4	-0.1
IMW	comp=Z,98nm,1.1s,mb5.2						
IMW	Indian Meadow	27.43	343	eP	P	00 12 08.4	-0.1
IMW	comp=Z,98nm,1.1s,mb5.2						
J15A	Blackfoot	27.43	340	iP	S	00 16 46.3	+2.9
J15A	comp=Z,28,SNR=42					00 12 08.7	+0.1
OTAV	Otavallo	27.55	128	iP	P	00 12 11.3	+1.3
OTAV	comp=Z,111nm,1.2s,mb5.3						
OTAV	Otavallo	27.55	128	iP	P	00 12 11.3	+1.3
OTAV	comp=Z,111nm,1.2s,mb5.3						
JSRW	J. Sargeant Re	27.57	40	eP	P	00 12 09.3	-0.6
JSRW	comp=Z,29,SNR=25					00 12 09.9	+0.1
I16A	Newdale	27.57	342	iP	P	00 12 09.9	+0.1
I16A	comp=Z,29,SNR=25						
L11A	Cat Creek Ranc	27.60	334	iP	P	00 12 10.3	+0.2
L11A	comp=Z,28,SNR=82						
K12A	Draper Farm, C	27.65	336	iP	P	00 12 10.8	+0.2
K12A	comp=Z,28,SNR=75						
J14A	Carey	27.73	338	iP	P	00 12 11.5	+0.2
J14A	comp=Z,29,SNR=36						
MCWV	Mont Chateau	27.75	35	eP	P	00 12 10.5	-0.9
MCWV	comp=Z,206nm,1.3s,mb5.5						
H17A	Grant Village	27.79	344	iP	P	00 12 12.7	+1.0
H17A	comp=Z,27,SNR=87						
L10A	Juniper Basin	27.83	333	iP	P	00 12 12.4	+0.2
L10A	comp=Z,28,SNR=99						
LKWY	Lake	27.90	344j	eP	P	00 12 13.4	+0.7
LKWY	comp=Z,97nm,1.2s,mb5.2					00 16 52.2	+1.4
LKWY	Lake	27.90	344j	eP	P	00 12 13.4	+0.7
LKWY	comp=Z,97nm,1.2s,mb5.2						
YFT	Old Faithful	27.91	343	eP	S	00 16 52.2	+1.4
YFT	comp=Z,79nm,1.0s,mb5.2						
YFT	Old Faithful	27.91	343	eP	S	00 16 52.2	+1.4
YFT	comp=Z,79nm,1.0s,mb5.2						
AAM	Ann Arbor	27.93	26	iP	P	00 15 28.9	+2.2
AAM	comp=Z,312nm,0.8s,mb5.9					00 16 50.0	-0.9
AAM	Ann Arbor	27.93	26	iP	P	00 15 28.9	+2.2
AAM	comp=Z,312nm,0.8s,mb5.9						
I15A	Montevieu	27.99	341	iP	P	00 12 14.0	+0.5
I15A	comp=Z,312nm,0.8s,mb5.9						
J13A	Cove Ranch, Pi	28.03	338	iP	P	00 12 13.6	-0.3
J13A	comp=Z,28,SNR=26						
BEKA	Beckworth	28.04	325	iP	P	00 12 14.9	+0.9
BEKA	comp=Z,28						
YNR	Norris Junctio	28.11	344j	eP	P	00 12 14.9	+0.2
YNR	comp=Z,92nm,1.3s,mb5.2						
YNR	Norris Junctio	28.11	344j	eP	P	00 12 14.9	+0.2
YNR	comp=Z,92nm,1.3s,mb5.2						
RLMT	Red Lodge	28.14	346	iP	P	00 12 14.4	-0.4
RLMT	comp=Z,28					00 15 26.3	-0.9
RLMT	Red Lodge	28.14	346j	eP	P	00 15 26.3	-0.9
RLMT	comp=Z,28					00 16 53.3	-1.3
YMR	Madison River	28.15	343	eP	P	00 12 15.7	+0.8
YMR	comp=Z,164nm,1.3s,mb5.4						
CBN	Corbin	28.20	40	eP	S	00 12 15.8	+0.3
CBN	comp=Z,534nm,1.3s,mb5.9						
CBN	Corbin	28.20	40	eP	S	00 12 15.8	+0.3
CBN	comp=Z,534nm,1.3s,mb5.9						
K11A	Parker Ranch,	28.22	334	iP	P	00 12 16.1	+0.4
K11A	comp=Z,28,SNR=42						
I14A	MacKay	28.24	339	iP	P	00 12 16.1	+0.4
I14A	comp=Z,28,SNR=32						
J12A	Stokes Ranch,	28.25	336	iP	P	00 12 15.7	-0.1
J12A	comp=Z,28,SNR=72						
H16A	Russell Place,	28.26	343	iP	P	00 12 16.3	+0.4
H16A	comp=Z,28,SNR=21						
HLID	Hailey	28.26	337	iP	P	00 12 15.9	0.0
HLID	comp=Z,28,SNR=38						
HLID	Hailey	28.26	337j	eP	P	00 12 15.4	-0.6
HLID	comp=Z,28,SNR=38					00 15 21.2	+0.1
HLID	Hailey	28.26	337j	eP	P	00 12 15.4	-0.6
HLID	comp=Z,28,SNR=38					00 15 27.5	0.0
HLID	Hailey	28.26	337j	eP	P	00 12 15.4	-0.6
HLID	comp=Z,28,SNR=38					00 16 55.0	-1.5
ROSC	Ei Rosal	28.27	114	P	P	00 12 18.2	+1.9
ROSC	comp=Z,16nm,1.1s,mb4.5,baz=268,slow=23,SNR=18						
ROSC	Ei Rosal	28.27	114	P	P	00 12 17.2	+0.9
ROSC	comp=Z,16nm,1.1s,mb4.5,baz=268,slow=23,SNR=18						
ROSC	Ei Rosal	28.27	114	P	P	00 12 17.2	+0.9
ROSC	comp=Z,16nm,1.1s,mb4.5,baz=268,slow=23,SNR=18						
OHCM	Honcut	28.30	323	eP	P	00 12 16.8	+0.4
OHCM	comp=Z,17.0,SNR=10					00 15 27.9	0.0
MCCM	Marconi Confer	28.35	320	eP	P	00 12 16.8	+0.4
MCCM	comp=Z,17.0,SNR=10					00 15 27.9	0.0
G18A	Lazy EL Ranch,	28.40	346	iP	P	00 12 16.7	-0.4
G18A	comp=Z,28,SNR=18						
QLMT	Earthquake Lak	28.43	343	eP	P	00 12 18.6	+1.2
QLMT	comp=Z,3um,21.0s					00 15 29.6	+1.7
QLMT	Earthquake Lak	28.43	343	eP	P	00 12 18.6	+1.2
QLMT	comp=Z,3um,21.0s					00 12 17.9	+0.2
I13A	Wildhorse Cree	28.46	338	iP	P	00 12 19.0	+0.2
I13A	comp=Z,28,SNR=57						
K10A	MacKenzie Ranc	28.57	333	iP	P	00 12 19.0	+0.2
K10A	comp=Z,29,SNR=33						
H15A	Lima	28.59	341	iP	P	00 12 19.2	+0.4
H15A	comp=Z,29,SNR=19						
MFID	Camas Ranch	28.67	335	iP	P	00 12 19.6	0.0
MFID	comp=Z,29,SNR=36						
G17A	Pierce Place,	28.69	344	iP	P	00 12 20.8	+1.1
G17A	comp=Z,28,SNR=15						
I12A	Atlanta	28.73	337	iP	P	00 12 20.3	+0.2
I12A	comp=Z,29,SNR=45						
H14A	Leadore	28.82	340	iP	P	00 12 21.8	+0.9
H14A	comp=Z,29,SNR=48						
MCMT	McKenzie Canyo	28.85	341	eP	P	00 12 21.7	+0.5
MCMT	comp=Z,18nm,1.0s,mb4.7						
MCMT	McKenzie Canyo	28.85	341	eP	P	00 12 21.7	+0.5
MCMT	comp=Z,18nm,1.0s,mb4.7						
GCMT	Greycliff	28.87	346	eP	P	00 15 27.9	-1.0
GCMT	comp=Z,202nm,1.7s,mb5.5					00 12 21.2	-0.1
G16A	Moss Hill, Enn	28.90	343	iP	P	00 12 22.4	+0.9
G16A	comp=Z,29,SNR=26						
F18A	Big Timber	28.98	346	iP	P	00 12 21.9	-0.4
F18A	comp=Z,29,SNR=44						
H08A	Hoiland	29.00	321j	eP	P	00 12 23.4	+0.8
H08A	comp=Z,237nm,1.4s,mb5.6						
G15A	Dillon	29.04	342	iP	P	00 12 23.3	+0.5
G15A	comp=Z,29,SNR=26						
ALLY	Alegheny Colle	29.04	32	eP	P	00 12 21.8	-1.2
ALLY	comp=Z,194nm,1.1s,mb5.7						
J10A	Berg Farm, Mel	29.06	334	iP	P	00 12 22.8	-0.3
J10A	comp=Z,29,SNR=26						
H13A	Challis	29.08	339	iP	P	00 12 23.2	0.0
H13A	comp=Z,29,SNR=30						
LAO	LASA Array	29.08	351	eP	P	00 12 22.9	-0.3
LAO	comp=Z,114nm,1.3s,mb5.3						
LAO	LASA Array	29.08	351	eP	P	00 12 22.9	-0.3
LAO	comp=Z,114nm,1.3s,mb5.3						

LAO	Wild Horse Val	29.08	331j	eP	S	00 17 06.3	-2.9
WVOR	Wild Horse Val	29.08	331j	eP	S	00 17 06.3	-2.9
WVOR	comp=Z,198nm,1.5s,mb5.5					00 15 30.1	
WVOR	Wild Horse Val	29.08	331j	eP	S	00 15 30.1	
WVOR	comp=Z,198nm,1.5s,mb5.5						
I11A	Placerville	29.14	336	iP	P	00 12 23.0	-0.3
I11A	comp=Z,198nm,1.5s,mb5.5						
F17A	Fitzpatrick Pl	29.21	345	iP	P	00 15 30.1	+0.5
F17A	comp=Z,198nm,1.5s,mb5.5					00 12 23.7	0.0
F17A	Fitzpatrick Pl	29.21	345	iP	P	00 12 23.7	0.0
F17A	comp=Z,198nm,1.5s,mb5.5						
BOZ	Bozeman (W)	29.23	343j	eP	P	00 12 24.2	-0.3
BOZ	comp=Z,116nm,1.6s,mb5.3					00 15 30.5	+0.6
BOZ	Bozeman (W)	29.23	343j	eP	P	00 15 30.5	+0.6
BOZ	comp=Z,116nm,1.6s,mb5.3					00 17 11.6	-0.1
BOZ	Bozeman (W)	29.23	343j	eP	P	00 17 11.6	-0.1
BOZ	comp=Z,116nm,1.6s,mb5.3						
BOZ	Bozeman (W)	29.23	343j	eP	P	00 12 24.1	-0.4

28d 0h

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like EBER Berja, KEV Kevo, UCC Uccle, etc.

2008 APR

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like LOR LOR, MEM Mesnach, MEM Petit Puy Mans, etc.

1304

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like CLZ Clausthal, CLZ Clausthal, CLZ Clausthal, etc.

GRF	epP	pP	00 19 35.6	-3.7	GKP	comp-Z,3um,35.8s		00 52 44.1		TRI	Trieste	92.83	40	eP	P	00 19 33.8	-0.5	
GRF	eSP	S	00 19 42.7	-4.8	GKP	comp-Z,3um,35.8s		00 19 25.3	0.0	TRI	Villasalto	92.84	47	epP	pP	00 19 51.6	-3.6	
GRF	eS	S	00 20 13.0	+1.1	GKP	Gorka Kiasztor	90.91	32	eP	pP	VSL	Villasalto	92.84	47	epP	pP	00 19 34.5	0.0
GRF	eL		01 01 13.1		GKP			00 19 42.7	-3.4	VSL	Villasalto	92.84	47	epP	pP	00 19 34.5	0.0	
MVIF	comp-Z,66nm,20.2s				GKP			00 29 50.7		VSL	Djebel Ababasia	92.85	51	pP	pP	00 19 51.4	-4.0	
TOUF	Mont Vial	89.45	44	eP	P			00 19 25.4	+0.1	ABSA	Djebel Ababasia	92.85	51	pP	pP	00 19 35.0	+0.4	
EMHD	Mont Tournourai	89.47	44	eP	P			00 19 42.5	-3.7	RSM	Repubblica di	92.86	42	pP	P	00 19 35.2	+0.7	
EMHD	Djebel Mahoudai	89.52	52	pP	P			00 19 25.4	+0.1	OBKA	Obir	92.91	39	ijP	P	00 19 34.3	-0.4	
LUCF	Luceram	89.58	44	eP	P			00 19 42.5	-3.7	BADI	Badiali	92.93	42	pP	P	00 19 34.8	0.0	
AUTN	L'Aution	89.59	44	eP	P			00 19 42.5	-3.7	MORC	Moravsky Berou	92.94	35	epP	pP	00 19 34.7	0.0	
KWAI	Kwajalein Atol	89.60	279	pP	P			00 29 49.7		MORC				epPP	pP	00 19 51.8	-3.8	
KAF	Kangasniemi	89.64	22	eP	pmax			00 31 26.1	+2.7	MORC				eS	pmax			
KAF					pmax			00 54 00.0		MORC	comp-Z,45nm,1.3s,mb5.6							
KAF	Kangasniemi	89.64	22	ep	P			00 19 26.0	0.0	MORC	Moravsky Berou	92.94	35	ijP	P	00 19 35.0	+0.3	
KAF	comp-Z,19nm,1.0s,mb5.2							00 19 42.5	-4.3	MORC	Moravsky Berou	92.94	35	ijP	P	00 19 34.7	0.0	
SBF	Sospel	89.65	44	eP	P			00 29 52.4		MORC	Moravsky Berou	92.94	35	ijP	P	00 19 34.8	-3.8	
SBF	comp-Z,138nm,1.4s,mb5.6							00 31 28.2		MORC	comp-Z,45nm,1.3s,mb5.6							
SBF	Sospel	89.65	44	eP	pmax			00 19 26.0	0.0	MORC								
SBF	comp-Z,69nm,1.4s,mb5.6							00 19 42.5	-4.3	MORC								
SBF	Sospel	89.65	44	eP	P			00 29 52.4		MORC								
SBF	comp-Z,69nm,1.4s,mb5.6							00 31 28.2		MORC								
VAI	Varese	89.66	41	p	P			00 19 26.0	0.0	MORC								
VAI								00 19 30.0	+3.4	MORC								
VAI	comp-Z,22nm,0.9s,mb5.3							00 19 42.5	-4.3	MORC								
VAI	Varese	89.66	41	p	P			00 29 52.4		MORC								
VAI	comp-Z,22nm,0.9s,mb5.3							00 56 40.0		MORC								
REV	Revere	89.66	44	eP	P			00 19 26.2	+0.1	MORC								
REV	Colim	89.67	35	ijP	pP			00 19 42.6	-4.4	MORC								
REV								00 19 48.7	+1.7	MORC								
REV								00 30 21.6		MORC								
REV								00 19 26.2	+0.1	MORC								
REV								00 19 42.6	-4.4	MORC								
REV								00 19 48.7	+1.7	MORC								
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REV								00 30 21.6		MORC								
REV								00 19 26.2	+0.1	MORC								
REV								00 19 42.6	-4.4	MORC								
REV								00 19 48.7	+1.7	MORC								
REV								00 30 21.6		MORC								
REV								00 19 26.2	+0.1	MORC								
REV								00 19 42.6	-4.4	MORC								
REV								00 19 48.7	+1.7	MORC								
REV								00 30 21.6		MORC								
REV								00 19 26.2	+0.1	MORC								
REV								00 19 42.6	-4.4	MORC								
REV								00 19 48.7	+1.7	MORC								
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REV								00 19 26.2	+0.1	MORC								
REV								00 19 42.6	-4.4	MORC								
REV								00 19 48.7	+1.7	MORC								
REV								00 30 21.6		MORC								
REV								00 19 26.2	+0.1	MORC								
REV								00 19 42.6	-4.4	MORC								
REV								00 19 48.7	+1.7	MORC								
REV								00 30 21.6		MORC								
REV								00 19 26.2	+0.1	MORC								
REV								00 19 42.6	-4.4	MORC								
REV								00 19 48.7	+1.7	MORC								
REV								00 30 21.6		MORC								
REV								00 19 26.2	+0.1	MORC								
REV								00 19 42.6	-4.4	MORC								
REV								00 19 48.7	+1.7	MORC								
REV								00 30 21.6		MORC								
REV</																		

Table with columns for station codes (e.g., LVV, ERM, TOAO), names (e.g., Erimo, Torodi Ar. Sit), and various numerical data points (e.g., 96.65 318, 96.78 74).

Table with columns for station codes (e.g., KSRS, BVAR, ULN), names (e.g., Korea Array, Borovoye Array), and various numerical data points (e.g., 108.78 321, 109.16 15).

Table with columns for station codes (e.g., LZH, LZH, SSSL), names (e.g., Suanglung, Yulu), and various numerical data points (e.g., 122.38 315, 122.41 314).

Table with columns: ATD, Station Name, Frequency, Power, and other technical details for various stations like Arta Tunnel, New Delhi, Aya Nagar, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like KARP, ARG, ARG, etc.

Table with columns: TURN, Station Name, Frequency, Power, and other technical details for stations like Turunc, Yerkesik, Milas, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like JACH, FAREL, FCH, etc.

Table with columns: EZN, Station Name, Frequency, Power, and other technical details for stations like Ezine, Ezine, Ezine, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like CAPV, ROSC, ROSC, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like SDV, SDV, SDV, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like ULM, ULM, ULM, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like GCAM, GCAM, GCAM, etc.

Table with columns: EZN, Ezine, 2.14 348 ePN, Pn, 02 07 25.7 +0.2, etc.

ISCJB 28 02:25:38.5:0.5, 44.94N:0.02:22.46E:0.04, h7km, 4km, Error ellipse: s-maj=4.3km s-min=3.1km az=13.5

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

DDA 28 02:33:25.8, 40.14N:26.94E, h7km, 7km, MD2.9, ISCJB 28 02:33:26.1:0.7, 40.16N:0.04:26.89E:0.06, h8km, 12km

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

ISC 28 02:42:43.9:4.4, 36.32N:70.87E, h160km, 38km, mb3.2/8, mb1.3/2.13, mb1mx3.1/29, mbtmp3.1/13, Error ellipse: s-maj=31.5km s-min=21.2km az=30.0

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

Table with columns: EK52, Erkin-Say, 6.48 18 P, Pn, 02 44 22.8 +1.1, etc.

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

CASC 28 02:44:34.7:2.0, 13.60N:90.67W, h35km, 19km, MD3.7, ML3.5, 2C-5D, Near coast of Guatemala

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

DJA 28 02:52:23.3:10S:100.54E, h16km, MLV3.3/3, ISCJB 28 02:52:25.6:2.6, 2.9S:0.1, 7.99S:0.2, h35km, 21km

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

Table with columns: TXAR, Lajitas Array, 145.65 38 PKP, PKPdf, 03 12 05.7 +2.4

IDC 28 02:57:20.2:1.0, 3.75S:126.18E, h0km, mb4.0/5, mb1.4/1.8, mb1mx3.9/22, mbtmp4.0/8, ML3.5/3, MS2.7/1, Ms1.2/7.1, ms1mx2.2/25, Error ellipse: s-maj=34.0km s-min=17.7km az=56.0

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

NEIC 28 03:24:59.2, 16.19N:97.57W, h19km, MD4.0 (MEX), After MEX

MEX 28 03:24:59.4:0.8, 16.19N:97.57W, h16km, 35km, MD4.0, Oaxaca

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

IDC 28 03:34:35.9:0.8, 12.21N:92.52E, h0km, mb3.8/12, mb1.4/0.13, mb1mx3.8/24, mbtmp3.8/13, ML4.2/1, MS3.4/3, Ms1.3/4.3, ms1mx2.9/24, Error ellipse: s-maj=31.1km s-min=16.6km az=51.0

ISCJB 28 03:34:39.3:0.7, 12.27N:0.09:92.6E:0.1, h33km, mb3.9/17, MS3.4/3, Error ellipse: s-maj=16.2km s-min=9.7km az=143.5

NEIC 28 03:34:41.3:0.6, 12.22N:92.55E, h35km, mb4.5/1, Error ellipse: s-maj=15.3km s-min=10.9km az=54.0

BJJ 28 03:34:41.2:12.03N:93.47E, h16km, mb4.5/4, mb4.1/10, ISC 28 03:34:41.4:0.7, 12.27N:0.09:92.5E:0.1, h35km (h9km, 6.2km, pP-P), n26, r15/25, mb3.9/17, MS3.4/3, Andaman Islands region

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

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like LZH, XAN, MKAR, etc.

CASC 28 04:03:57.41.8.1.6.7.05N.90.74W, h23km±10km, MD3.5, 1C, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like IXG, FUG, NBG, etc.

IDC 28 04:10:49.8.1.6.7.05N.76.57W, h0km, mb3.6/3, mb1 3.8/6, mb1 mx3.6/22, mbtmp3.8/6, ML3.1/3, MS2.8/1, MS1 2.8/1, ms1 mx2.3/26, Error ellipse: s-maj=35.5km s-min=23.0km az=51.0

ISCJB 28 04:10:56.6.1.1.7.12N.0.08.76.39W.0.07, h65km±15km, mb3.4/3, Error ellipse: s-maj=12.6km s-min=10.8km az=3.4

NEIC 28 04:10:58.0.0.8.7.09N.76.34W, h59km±11km, Error ellipse: s-maj=12.0km s-min=10.5km az=195.0

ISC 28 04:10:58.3.1.0.7.10N.0.08.76.40W.0.07, h63km±13km, n11, c093/15, mb3.5/3, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like ROSC, SDV, PCRV, etc.

IDC 28 04:14:16.1.1.4.3.87N.128.60E, h0km, mb4.0/7, mb1 4.1/7, mb1 mx3.9/21, mbtmp4.0/7, Error ellipse: s-maj=12.3km s-min=14.2km az=73.0

ISCJB 28 04:14:20.1.1.0.3.71N.0.2.128.1E.0.16, h33km, mb4.0/8, Error ellipse: s-maj=8.5km s-min=13.0km az=162.7

NEIC 28 04:14:21.7.0.7.3.78N.128.18E, h35km, mb4.1/1, Error ellipse: s-maj=59.2km s-min=10.4km az=74.0

ISC 28 04:14:21.9.1.0.3.38N.0.2.128.3E.0.5, h35km, n10, c070/10, mb4.0/8, North of Halmahera

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like FITZ, WRAB, WRA, etc.

FUNV 28 04:25:01.7.6.69N.73.08W, h170km, MW3.5, 1D, Northern Columbia

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like CAPV, SOCV, WIGV, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like TEVP, BAUV, MONV, etc.

BUI 28 04:27:10.8.2.34N.127.45E, h40km, mb5.0/32, mb5.0/53, Ms4.5/41, Ms7.2/39

ISCJB 28 04:27:14.7.0.5.2.98N.0.02.127.51E.0.03, h38km±4km, mb5.1/104, MS4.1/32, Error ellipse: s-maj=5.9km s-min=3.7km az=174.4

MOS 28 04:27:14.1.1.2.2.96N.127.49E, h33km, mb5.1/39, Error ellipse: s-maj=14.8km s-min=6.2km az=112.3

GCMT 28 04:27:15.9.0.3.3.11N.127.46E, h23km, mb1, MW4.9/52, Moment Tensor Solution, s26,c33; s52,c76; Duration: 0 Moment tensor: Scale 1018Nm; Mr1.73E+18; Mw-0.78E+11; Mw-0.95E+16; Mw-1.62E+19; Mw-2.19E+11; Mw-0.46E+22; Best double couple: M3.06100x10^16 NP1s±1.1,00000°; s39,00000°; A.123,00000°; NP2: φ=250.00000°; s67,00000°; A.123,00000°; Principal axes: P2.6470, P1g55.0000°; Azm202.0000°; N.0.8290; P1g30.0000°; Azm1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 28 04:27:15.9.0.2.2.91N.127.47E, h35km, mb5.2/39, Error ellipse: s-maj=8.5km s-min=4.3km az=71.0

IDC 28 04:27:16.3.2.0.2.91N.127.54E, h39km, mb4.6/25, mb1 4.7/27, mb1 mx3.8/26, mbtmp4.6/27, ML5.0/3, MS3.9/17, MS1 3.9/17, ms1 mx3.8/26, Error ellipse: s-maj=17.7km s-min=8.1km az=79.0

DJA 28 04:27:20.2.92N.127.43E, h51km, mb5.1/49, ISC 28 04:27:17.2.0.5.2.96N.0.02.127.50E.0.03, h45km±3km, h32km±7km, pp-P, n268, a1920/279, mb5.1/102, MS4.1/32, 12C-7D, Northern Molluca Sea

Main table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like SGSI, DAV, PAGZ, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like FITZ, YULB, TPUB, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Laguna Verde, Matias Romero, Ahuacatlan, Comitan, El Apazote, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YKA, PLCA, NOA, ARCES, ISCJB, CASZ, MEX, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VSU, VASU, VASU, VASU, VASU, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like JTJ, JTK, JJK, etc.

CSEM 28 12:13:07.3, 41:29N, 1:13E, h0km, ML3.6/1, Mining explosion. After MDD, Spain

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like EPOB, EPOB, ERTA, etc.

IDC 28 12:31:19.5, 14.0, 36:83S, 107:79W, h0km, mb3.7/2, mb1 4.2/2, mb1mx3.8/14, mbmtmp3.7/2, MS3.9/2, Ms1 3.9/2, ms1mx3.4/16, Error ellipse: s-maj=1217.0km s-min=5.1km az=108.0, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like CPUP, URZ, TXAR, etc.

NIED 28 12:50:42.0, 42:30N, 143:10E, h47km, Mw4.0 Best double couple: Mo 1.33000e-119, NP1:336.00000e-084, 0.00000e-138, 0.00000e-02, NP2:241.00000e-052, 0.00000e-172, 0.00000e-03

MOS 28 12:50:52.3, 1.0, 42:27N, 143:11E, h68km, mb4.1/4, Error ellipse: s-maj=18.7km s-min=9.6km az=74.1

JMA 28 12:50:54.3, 0.1, 42:35N, 143:15E, h50km, mb1.1km, M4.0, JMA Felt J1, NEIC 28 12:50:54.3, 42:35N, 143:15E, h50km, MG4.0(JMA), After JMA

NEIC Recorded [1 JMA] in south-central Hokkaido, IDC 28 12:50:55.3, 1.8, 42:31N, 142:37E, h75km, 15km, mb3.3/10, mb1 3.6/12, mb1mx3.4/26, mbmtmp3.3/12, MS2.6/1, Ms1 2.6/1, ms1mx2.2/19, Error ellipse: s-maj=20.5km s-min=12.8km az=107.0

ISC 28 12:50:53.8, 0.4, 42:28N, 143:17E, 0.04, h58km, 3km, n39, c084/53, mb3.6/10, 4C-5D, Hokkaido region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like JEM, ERM, JNBK, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like YUK, YUK, YUK, etc.

IDC 28 12:53:26.6, 0.7, 36:58S, 110:77W, h0km, mb4.3/14, mb1 4.4/14, mb1mx4.4/18, mbmt4.2/14, MS4.5/12, Ms1 4.4/12, ms1mx4.4/14, Error ellipse: s-maj=20.9km s-min=20.5km az=125.0

ISCJB 28 12:53:27.3, 0.5, 36:62S, 110:110:6W, 0.1, h10km, mb4.5/47, MS4.5/13, Error ellipse: s-maj=15.2km s-min=11.5km az=35.4

NEIC 28 12:53:28.9, 0.6, 36:62S, 110:59W, h10km, mb4.7/36, Error ellipse: s-maj=19.3km s-min=14.1km az=60.5

GCMT 28 12:53:29.0, 0.2, 36:74S, 110:63W, h15km, Mw5.3/94, Moment Tensor Solution, s58, c89, s94, c154, Duration: 19.0 Moment tensor: Scale 10^17Nm; Mr=0.18, 0.2; Mo=0.54, 0.2; Ml=0.72, 0.1; Mn=0.29, 0.6; Mb=0.61, 0.1; Ms=0.10, 0.5; Best double couple: Mo, 94400x10^17, NP1:1.21, 0.00000e-073, 0.00000e-16, 0.00000e-02; NP2:0.15, 0.00000e-075, 0.00000e-16, 0.00000e-02; Principal axes: T 0.9710, P1g1.0000, Azm248.0000, N -0.0530, Plg67.0000, Azm156.0000, P -0.9180, Plg23.0000, Azm338.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

ISC 28 12:53:28.9, 0.6, 36:75S, 110:77W, 0.1, h10km, n73, c1521/63, mb4.5/47, MS4.5/13, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like PLCA, PLCA, USHA, etc.

CFAA Coronel Fontan 35.27 94 P P 13 00 22.7 -1.1

CFAA Coronel Fontan 35.27 94 P P 13 00 22.7 -1.1

TAOE Nuku Hiva Island 38.50 309 eS S 13 06 38.6 -8.5

TAOE 1.0m, 27.7s eLQ LR 13 09 41.1

LVC Limon Verde 38.60 81 P P 13 00 52.4 +0.2

LVC Limon Verde 38.60 81 eP P 13 00 52.7 +0.5

PPT Papeete 39.18 288 eS S 13 06 55.2 -2.0

PPT 1.0m, 29.0s eLQ LR 13 10 01.8

PPT 2.0m, 26.0s, 0.3m, 130.0s 39.18 288 LR 13 12 48.8

ATAH Atahua 41.69 53 P P 13 01 18.3 +0.4

CPUP Villa Florida 46.12 93 P P 13 01 53.4 -0.1

JTS JuntasAbangare 52.60 33 eP P 13 02 42.0 -1.0

SBA 18m, 1.1s, mb4.9 52.90 195 eP P 13 02 50.0 +5.5

ROSC El Rosal 53.46 47 P P 13 02 49.7 +0.3

ROSC 6.4nm, 0.5s, mb4.8, baz=105, slow=22, SNR=4.5 53.46 47 LR 13 02 51.1 +1.1

QSPA South Pole Mt4 53.53 180 P P 13 02 55.1 +1.1

QSPA 6.0nm, 1.0s, mb4.5, baz=130, slow=2.5, SNR=9.2 53.53 180 LR 13 02 59.8

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like GDL2, GDL2, BNM, etc.

NEIC 28 12:53:24.4, 49:33N, 75:90E, h0km, After NNC, NNC 28 12:53:24.4, 2.2, 49:33N, 75:90E, h0km, mpy2.9, Error ellipse: s-maj=21.1km s-min=10.9km az=9.0

IDC 28 12:53:26.3, 1.0, 49:43N, 76:07E, h0km, mb1 3.0/4, mb1mx3.0/29, mbmtmp3.0/4, ML2.7/4, Error ellipse: s-maj=11.0km s-min=10.8km az=112.0

ISCJB 28 12:53:28.0, 0.7, 49:37N, 0:04, 75:86E, 0.07, h33km, Error ellipse: s-maj=7.1km s-min=5.7km az=136.4

ISC 28 12:53:30.1, 0.7, 49:43N, 0:05, 75:82E, 0.08, h35km, n14, c1612/22, 3C-4D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like KURBB, KURBB, KURK, etc.

IDC 28 13:00:25.9, 4.8, 35:73N, 140:54E, h55km, 38km, mb3.0/1, mb1 3.3/4, mb1mx3.0/27, mbmtmp3.3/4, ML3.2/2, MS3.1/1, Ms1 3.1/1, ms1mx2.7/4, Error ellipse: s-maj=51.6km s-min=9.1km az=64.0

ISCJB 28 13:00:26.4, 0.8, 35:74N, 0:05, 140:39E, 0.07, h76km, 7km,

28d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Ostrava-Krasne, Moravsky Berou, Ojcow, Velka Javorina, Dobruska-Polom, Vranov, etc.

DDA 28 13:39:12.9, 37.16N, 28.08E, h6km, 2km, MD2.8
ISCJB 28 13:39:13.6, 0.9, 37.27N, 28.26E, 0.07, h15km, 1.1km,
Error ellipse: s-maj=14.1km s-min=5.4km az=40.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Yerkesik, Milas, Turunc, Tasoluk, Datca, Bodrum, Fethiye, etc.

CRAAG 28 13:42:30.0, 36.12N, 8.33E, Mb3.6
ISCJB 28 13:42:41.5, 1.2, 36.3N, 0.2, 7.83E, 0.06, h6km, 12km,
Error ellipse: s-maj=27.8km s-min=7.5km az=172.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Abasbia, Ghat, Manzhou, Kef-Lekhel, Blit, Krib, Ainsmara, etc.

ISCJB 28 13:58:34.4, 2.4, 7.20S, 0.07, 156.1E, 0.1, h26km, 16km,
mb4.6/31, MS4.2/11, Error ellipse: s-maj=17.4km
s-min=1.0km az=4.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Charters Tower, DZM, ARMA, KAKA, WRAB, WB2, WRA, etc.

2008 APR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA, ASAR, STKA, FITZ, RATA, RPZ, KKM, MJAR, KSRS, KSR, NJ2, PPT, CN2, GYA, etc.

DDA 28 13:39:12.9, 37.16N, 28.08E, h6km, 2km, MD2.8
ISCJB 28 13:39:13.6, 0.9, 37.27N, 28.26E, 0.07, h15km, 1.1km,
Error ellipse: s-maj=14.1km s-min=5.4km az=40.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Yerkesik, Milas, Turunc, Tasoluk, Datca, Bodrum, Fethiye, etc.

CRAAG 28 13:42:30.0, 36.12N, 8.33E, Mb3.6
ISCJB 28 13:42:41.5, 1.2, 36.3N, 0.2, 7.83E, 0.06, h6km, 12km,
Error ellipse: s-maj=27.8km s-min=7.5km az=172.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Abasbia, Ghat, Manzhou, Kef-Lekhel, Blit, Krib, Ainsmara, etc.

ISCJB 28 13:58:34.4, 2.4, 7.20S, 0.07, 156.1E, 0.1, h26km, 16km,
mb4.6/31, MS4.2/11, Error ellipse: s-maj=17.4km
s-min=1.0km az=4.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Charters Tower, DZM, ARMA, KAKA, WRAB, WB2, WRA, etc.

1322

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MAW, ZALV, KURK, AAK, SYO, SYO, BVK, YKA, GERES, TORD, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PYL, PYL, PYL, PYL, ITM, ITM, KYTH, KYTH, VLI, VLI, VLX, VLX, DID, DID, etc.

ISCJB 28 14:26:10.4, 0.4, 13.58N, 0.05, 120.73E, 0.09,
h172km, 4km, mb3.5/10, Error ellipse: s-maj=14.6km
s-min=8.1km az=170.5

NEIC 28 14:26:11.3, 0.9, 13.67N, 121.10E, h170km, 8km, mb3.8/2,
s-maj=27.7km s-min=9.9km az=67.0

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

ISCJB 28 14:26:11.5, 0.4, 13.58N, 0.05, 120.77E, 0.09, h166km, 4km,
n29, r108/30, mb3.5/10, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BOAC, SJP, POLP, BUSH, BALP, SCZP, ENPP, BOP, KAPI, etc.

ISCJB 28 14:26:11.5, 0.4, 13.58N, 0.05, 120.77E, 0.09, h166km, 4km,
n29, r108/30, mb3.5/10, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BOAC, SJP, POLP, BUSH, BALP, SCZP, ENPP, BOP, KAPI, etc.

MAN 28 14:31:09, 17.79N, 121.47E, h34km, mb4.2, ML3.0, MS2.7,
Luzon

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

ISCJB 28 14:33:11.7, 0.4, 58.75S, 24.79W, h0km, mb4.6/13,
mb1.4/9.14, mb1mx4.9/13, mbtmp4.6/14, ML5.6/1, MS4.7/17,
Ms1.4/17, ms1mx4.7/21, Error ellipse: s-maj=17.4km
s-min=15.2km az=23.0

MOS 28 14:33:16.2, 1.5, 58.67S, 24.92W, h33km, mb5.0/17, Error
ellipse: s-maj=29.4km s-min=18.4km az=102.3

NEIC 28 14:33:17.6, 0.2, 58.75S, 24.77W, h35km, mb5.0/10, Error
ellipse: s-maj=11.4km s-min=9.3km az=10.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VNA1, VNA3, VNA2, PMSA, etc.

ISCJB 28 14:33:24.5, 9.31S, 22.08W, h0km, mb4.9/5,
ISC 28 14:33:24.5, 9.31S, 22.08W, h0km, n135,
r85/40, mb4.8/22, MS4.8/23, 1C-1D, South Sandwich
Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for MKAR, WMQ, KURK, YKA, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for DHRM, Ethiofia, TRBA, etc.

ISC/JB 28 15:57:49.8±0.2, 58°38'S±0.04, 24°82'W±0.07, h10km, mb5.4/49, MS5.9/242, Error ellipse: s-maj=5.7km s-min=4.9km az=42.9

ISC 28 15:57:49.3±0.3, 58.74S±24.72W, h0km, mb5.1/20, mb1.5/121, mb1mx5.1/23, mbtmp5.0/21, ML5.2/1, MS5.9/22, Ms1.5/22, ms1mx5.9/23, Error ellipse: s-maj=14.3km s-min=13.3km az=170.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for VNA1, VNA3, VNA2, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for PMSA, East Falkland, MAIT, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for CAM4, Sao Paulo, CER, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for LCO, SBA, SBA, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for BOSA, BOSA, BOSA, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for MIR, Senekal, LVC, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for NNA, RPN, ABPO, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for DBIC, DBIC, DBIC, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for KMBO, KMBO, KMBO, etc.

UBBA	Unterbreizbach	112.94	23	eSP	SP	16 26 49.6	-0.1
BUG	Bochum-Univer	112.99	21	eSP	SP	16 26 49.8	-0.3
TANN	Tannenberghsa	113.08	25	eSP	SP	16 26 51.5	+0.5
MOX	Moxa	113.11	24	eSP	SP	16 26 50.7	-0.5
PRU	Pruhonic	113.14	26	eSP	PP	16 27 17.2	-1.2
PRU				eSKS	SKSac	16 26 57.8	+6.2
PRU				eSP	AMS	17 02 20.0	
320A	comp=Z,4um,18.0s Kipp Ranch, An	113.15	292	UP	PKIKP	16 16 29.4	+1.0
221A	Mesquite Ranch	113.35	293	UP	PKIKP	16 16 29.5	+0.8
220A	Playas Peak, P	113.62	293	UP	PKIKP	16 16 30.3	+1.0
PVCC	Panska Ves	113.66	26	ePP	AMS	16 17 22.1	+0.1
PVCC				AMS	AMS	17 00 30.0	
121A	comp=Z,5um,19.4s Cookes Peak, D	113.78	294	UP	PKIKP	16 16 30.6	+1.0
BRG	Briggseshubel	113.83	26	eP	PP	16 17 07.3	-1.6
BRG	comp=Z,4.5nm,0.9s			e		16 17 12.8	
BRG	comp=Z,9.7nm,1.6s			i		16 26 59.0	
BRG				i		16 28 09.0	
BRG				i		16 33 02.0	
BRG	comp=N,2um,16.8s						
BRG	comp=E,2um,20.0s						
BRG	comp=Z,2um,21.4s						
OKC	Ostrava-Krasne	113.87	29	ePP	PP	16 17 20.6	-3.0
OKC				ePKKP	PKKAbc	16 27 07.9	-2.6
OKC				AMS	AMS	17 00 30.0	
DPC	comp=Z,2um,21.2s Dobruska-Polom	113.90	27	ePP	PP	16 17 22.6	-1.2
DPC				eSKS	SKSac	16 23 13.0	-1.5
DPC				ePKKP	PKKAbc	16 27 06.3	-3.9
DPC				AMS	AMS	17 01 10.0	
318A	comp=Z,4um,18.6s Bisbee	113.94	291	UP	PKIKP	16 16 31.0	+1.1
CLL	Collim	114.03	25	eP	Pdif	16 12 42.0	+2.8
CLL				e(Pdif)	Pdif	16 12 42.0	+2.8
CLL				ePP	PP	16 17 19.0	-5.7
CLL				eSKS	SKSac	16 19 34.0	
CLL				eSKS	SKSac	16 23 16.0	+1.0
CLL				e(SDiff)	PS	16 25 21.0	
CLL				ePS	PS	16 27 08.0	+7.2
CLL				ePPS	PP	16 28 15.0	
CLL				eSSS	SS	16 32 48.0	
CLL				eSSS	SS	16 33 40.0	
CLL				e	Lm	16 37 42.0	
CLL				e	Lm	16 41 24.0	
CLL	comp=N,2um,19.8s			Lm	Lm	17 00 00.0	
CLL	comp=E,2um,20.0s			Lm	Lm	17 00 00.0	
CLL	comp=Z,3um,20.0s			Lm	Lm	17 00 00.0	
CLL	Collim	114.03	25	ePdif	Pdif	16 12 42.0	+2.8
CLL				ePP	PP	16 17 19.0	-5.7
CLL				eSKS	SKSac	16 23 16.0	+1.0
219A	White Tail Can	114.05	292	UP	PKIKP	16 16 31.0	+0.9
GNI	Garni	114.18	52	PFAKE	LR	16 16 40.0	+1.0
120A	comp=Z,5um,20.0s,MS6.1 U Bar Ranch, L	114.20	293	UP	PKIKP	16 16 31.4	+1.0
KSU1	Kansas State U	114.20	306	PFAKE	LR	16 16 40.0	+1.0
KSU1				LR	LR		
KIS	Kishinev	114.32	37	ePKIKP	PKIKP	16 16 35.0	+4.9
KIS				ePP	PP	16 17 27.0	
KIS				ePPS	PP	16 23 14.0	
KIS				eMLR	MLR	16 28 16.0	
KIS	comp=N,1um,20.0s,MS5.5			MLR	MLR		
KIS	comp=E,800nm,20.0s,MS5.5			MLR	MLR		
KIS	comp=Z,2um,20.0s,MS5.7			MLR	MLR		
KIS	comp=Z,2um,20.0s			MLR	MLR		
KIS	Kishinev	114.32	37	ePP	PP	16 17 44.0	+1.7
KIS	Kishinev	114.32	37	ePS	PS	16 27 14.0	+1.0
Z21A	St. Cloud Mine	114.36	294	UP	PKIKP	16 16 31.7	+1.1
218A	Dragon	114.41	292	UP	PKIKP	16 16 31.8	+1.0
GLMI	Grayling	114.45	318	PFAKE	LR	16 16 40.0	+1.0
GLMI				LR	LR		
217A	comp=Z,3um,22.0s,MS5.8 Green Valley	114.62	291	UP	PKIKP	16 16 32.3	+1.1
Z20A	Nine Sixteen R	114.64	293	UP	PKIKP	16 16 32.5	+1.3
OJC	Ojcow	114.65	30	ePKP	PKIKP	16 16 33.6	+3.0
OJC				ePP	PP	16 27 36.9	+7.8
OJC				ePS	PS	16 27 09.8	+3.4
OJC				eSS	SS	16 33 22.2	-0.4
OJC				L	L	17 00 21.0	
119A	comp=Z,3.4nm,22.2s Ashpeak Ranch, P	114.70	293	UP	PKIKP	16 16 32.5	+1.2
JFWS	Jewell Farm	114.87	313	PFAKE	LR	16 16 40.0	+8.7
JFWS				LR	LR		
KWP	comp=Z,2um,20.0s,MS5.8 Kaiwaria Pacla	114.89	32	PFAKE	LR	16 16 40.0	+8.9
KWP				LR	LR		
118A	comp=Z,5um,20.0s,MS6.1 Homack Ranch, P	114.92	292	UP	PKIKP	16 16 33.0	+1.3
Y21A	Point of Rocks	114.94	295	UP	PKIKP	16 16 32.7	+1.0
LAZ	Ladron	115.01	295	PKP	PKIKP	16 16 32.2	+0.4
TUC	Tucson	115.04	291	ePKIKP	PKIKP	16 16 32.7	+0.7
TUC				MLR	MLR		
Z19A	comp=Z,4um,19.0s,MS6.0 T-Link Ranch, P	115.11	293	UP	PKIKP	16 16 33.3	+1.2
216A	Three Points, P	115.11	290	UP	PKIKP	16 16 33.1	+1.0
SOC	Sochi	115.12	46	iPKIKP	PKIKP	16 16 29.2	-2.5
SOC				ePS	PS	16 17 29.5	
SOC				ePS	PS	16 26 58.5	-1.2
SOC				eSS	SS	16 33 39.4	+1.0
SOC	comp=Z,2um,20.0s,MS5.6			MLR	MLR		
ESK	Eskalearmir	115.13	13	PFAKE	LR	16 16 40.0	+8.6
ESK				LR	LR		
ANMO	comp=Z,5um,21.0s,MS6.1 Albuquerque	115.14	296	PFAKE	LR	16 16 40.0	+7.9
ANMO				LR	LR		
EKA	comp=Z,2um,20.0s,MS5.7 Eskalearmir Ar	115.15	13	PKIKP	PKIKP	16 16 28.3	-3.1
EKA						16 27 09.7	
EKA	comp=Z,1.0nm,0.8s			pmax	pmax		
EKA	Eskalearmir Ar	115.15	13	PKP	PKIKP	16 16 28.3	-3.1
EKA	comp=Z,0.2nm,0.3s,baz=334,slow=40,SNR=2.5			ePKPbc	PKKAbc	16 27 09.7	+3.4
SCIA	comp=Z,1.0nm,0.8s,baz=354,slow=2.0,SNR=3.8			PKPbc	PKKAbc	16 16 40.0	+8.1
SCIA	State Center	115.17	310	PFAKE	LR	16 16 40.0	+8.1
SCIA				LR	LR		
Y20A	comp=Z,3um,22.0s,MS5.8 Horse Springs, P	115.19	294	UP	PKIKP	16 16 33.5	+1.3
117A	Oracle	115.23	291	UP	PKIKP	16 16 33.5	+1.2
CBKS	Cedar Bluff	115.30	303	PFAKE	LR	16 16 40.0	+7.7
CBKS				LR	LR		
ANN	comp=Z,868nm,21.0s,MS5.3 Anapa	115.32	44	iPKIKP	PKP	16 16 38.5	+6.4
ANN				e		16 17 34.5	
ANN				e		16 23 18.1	
ANN	comp=Z,1.9nm,1.1s			pmax	pmax		
X21A	Alamocita Cree	115.35	295	UP	PKP	16 16 33.0	+0.5

Y19A	Nutrioso	115.65	293	UP	PKP	16 16 34.4	+1.3
116A	Eloy	115.69	291	UP	PKP	16 16 33.9	+0.7
Z17A	San Carlos Hig	115.69	292	UP	PKP	16 16 34.8	+1.6
214A	Organ Pipe Nat	115.74	289	UP	PKP	16 16 34.0	+0.6
X20A	Quemado	115.77	294	UP	PKP	16 16 34.4	+1.1
W21A	San Fidel	115.84	295	UP	PKP	16 16 34.3	+0.9
Y18A	Canyon Day Jun	115.88	293	UP	PKP	16 16 34.4	+0.8
X19A	St. Johns	116.05	294	UP	PKP	16 16 34.9	+1.1
Y17A	Roosevelt	116.20	292	UP	PKP	16 16 35.2	+1.1
W20A	Ramah	116.25	295	UP	PKP	16 16 35.4	+1.2
V21A	Milan	116.39	296	UP	PKP	16 16 35.6	+1.1
114A	Black Gap (USA)	116.42	290	UP	PKP	16 16 35.4	+0.8
X18A	Snowflake	116.45	293	UP	PKP	16 16 35.7	+1.1
KIV	Kislovodsk	116.57	48	eP	Pdif	16 12 46.5	-4.0
KIV				e		16 16 33.0	
KIV				ePS	PS	16 23 24.1	0.0
KIV				eSS	SS	16 33 46.1	-1.9
KIV				pmax	pmax		
KIV	comp=Z,9.0nm,1.1s			LR	LR	16 16 50.0	+1.5
W19A	Sanders	116.65	294	UP	PKP	16 16 36.0	+1.0
Y16A	Circle Bar Ran	116.65	292	UP	PKP	16 16 36.2	+1.2
V20A	Brimhall	116.78	295	UP	PKP	16 16 36.1	+0.9
W18A	Petrified Fore	116.82	294	UP	PKP	16 16 36.2	+0.9
113A	Mohawk Valley,	116.87	289	UP	PKP	16 16 36.3	+0.8
Z14A	Wintersburg	116.95	290	UP	PKP	16 16 36.2	+0.5
V19A	Window Rock	116.98	295	UP	PKP	16 16 37.2	+1.6
T22A	Edith	117.04	297	UP	PKP	16 16 37.1	+1.4
X16A	Lo Mia Camp, P	117.07	292	UP	PKP	16 16 37.0	+1.2
Y15A	Casa Rosa Ranc	117.13	291	UP	PKP	16 16 37.0	+1.1
Z13A	Yuma Proving G	117.16	290	UP	PKP	16 16 37.1	+1.0
COWI	Conover	117.17	315	PFAKE	LR	16 16 50.0	+1.4
COWI				LR	LR		
W17A	Winslow	117.26	293	UP	PKP	16 16 37.1	+1.0
U20A	Newcomb	117.27	296	UP	PKP	16 16 37.2	+1.0
V18A	Ganado	117.40	294	UP	PKP	16 16 37.5	+1.1
X14A	Wickenburg	117.44	291	UP	PKP	16 16 37.4	+0.8
Y15A	Humboldt	117.51	292	UP	PKP	16 16 37.7	+1.1
U9A	Dine' College,	117.53	295	UP	PKP	16 16 37.3	+0.6
GLA	Glamis	117.62	289	UP	PKP	16 16 38.4	+1.5
MAK	Makhachkala	117.67	52	iPKIKP	PKP	16 16 39.7	+3.0
MAK				e		16 17 51.2	
MAK				e		16 20 22.1	
MAK				e		16 23 49.3	
W16A	comp=Z,1.39nm,1.0s Flagstaff	117.67	292	UP	PKP	16 16 38.4	+1.5
KIEV	Kiev	117.71	36	ePKIKP	MLR	16 16 35.0	-1.5
KIEV				MLR	MLR		
AKASG	comp=Z,2um,21.0s,MS5.6 Malin Army Be	117.72	36	iPKIKP	PKP	16 16 35.7	-0.8
AKASG	Malin Army Be	117.72	36	PKP	PKP	16 16 34.4	-2.1
AKASG	comp=Z,0.3nm,0.3s,baz=227,slow=2.7,SNR=8.5			PP	PP	16 17 48.5	-2.2
AKASG	comp=Z,0.2nm,0.2s,baz=208,slow=7.6,SNR=5.3			PKPbc	PKKAbc	16 27 00.6	+3.5
AKASG	comp=Z,0.1nm,0.2s,baz=33,slow=3.4,SNR=5.3			PKPbc	PKKAbc	16 27 00.6	+3.5
V17A	Tonale, Kykot	117.74	293	UP	PKP	16 16 38.2	+1.1
X14A	Yava	117.81	291	UP	PKP	16 16 38.3	+1.1
T19A	Seclabito	117.88	295	UP	PKP	16 16 38.3	+1.0
WUAZ	Wupatki	117.93	293	UP	PKP	16 16 38.4	+1.0
WUAZ				PKP	PKP	16 16 39.0	+1.6
DVTC	Desert V Tower	117.93	287	UP	PKP	16 16 39.2	+1.6
MVCO	Mesa Verde	117.94	296	UP	PKP	16 16 38.6	+1.2
MVCO				PKP	PKP	16 16 38.6	+1.2
MVCO	Mesa Verde	117.94	296	PFAKE	LR	16 16 50.0	+1.3
MVCO				LR	LR		
U18A	comp=Z,3um,19.0s,MS6.0 Rough Rock, Ch	117.94	295	UP	PKP	16 16 38.6	+1.1
R22A	Saguache, Gunn	117.96	298	UP	PKP	16 16 39.2	+1.8
S21A	Coal Bank Pass	117.97	297	UP	PKP	16 16 38.9	+1.4
BSD							

28d 15h

2008 APR

1328

Table with columns: ID, Name, Date/Time, Status, Location, and other details. Includes entries like DAC Darwin (Calif), PKM Peak Mountain, P15A Leamington, etc.

Table with columns: ID, Name, Date/Time, Status, Location, and other details. Includes entries like AHD Auburn Hatcher, HVI Pulchoki, DAV Davao City (W), etc.

Table with columns: ID, Name, Date/Time, Status, Location, and other details. Includes entries like F16A Kennard Place, I12A Atlanta, DLMT Dillon, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like JOF Joensuu, F10A Beach Ranch, C13A Hot Springs, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like NLWA Neilton Lookou, ARCES ARCESS Array B, A06A Chilliwack, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like YKA comp=Z,6.0nm,0.5s, YKA Yellowknife Ar, WAKE Wake Island, etc.

Table of astronomical observations for 28d 16h, listing stations like DAWY, ULN, Ulaanbaatar, and various meteorological data points.

Table of astronomical observations for 2008 APR, listing stations like PET, PETK, PETK, and various meteorological data points.

Table of astronomical observations for 1330, listing stations like MAGA, SALO, SALO, and various meteorological data points.

28d 18h

Table with 4 columns: Station Name, Azimuth, Distance, and Residual. Includes stations like Paso Flores, La Paz, etc.

SZGRF 28 18:33:30.0, 20:03'S, 170:33E, h33km, mb6.1, Vanuatu Islands

BUI 28 18:33:31.3, 19:58'S, 169:40E, h22km, mb6.6/43, mb6.3/59, Ms6.1/75, Ms7.5/59

LDG 28 18:33:31.2, 0.1, 19:55'S, 168:97E, h10km, Mb6.7/4, Ms6.0/8, Error ellipse: s-maj=9.0km s-min=3.1km az=125.0

BGS 28 18:33:32.7, 5.2, 19:94'S, 168:95E, h33km, MS6.2, ISCJB 28 18:33:33.0-0.1, 19:82'S, 0:02, 169:00E, 0:02, h30km, mb6.2/148, MS6.1/240, Error ellipse: s-maj=2.7km s-min=2.3km az=140.6

MOS 28 18:33:33.0-0.9, 19:90'S, 169:18E, h33km, mb6.7/51, MS6.1/94, Error ellipse: s-maj=11.8km s-min=8.8km az=101.3

GCMT 28 18:33:34.0-0.1, 19:95'S, 168:78E, h48km, MW6.4/119, Moment Tensor Solution. s119,c291; s114,c471; Duration: 3s8 Moment tensor: Scale 1018Nm; Mn:4.50e-03; Mo:0.33e-02; M:0.417e-02; Mo:0.15e-02; M:0.203e-02; Mo:0.18e-02; Best double couple: Mo:4.77800e1018 NP1:3338.00000, s44.00000, 7.91.00000; NP2:3345.00000, s46.00000, 7.89.00000

NEIC 28 18:33:34.2, 0.1, 19:94'S, 168:95E, h32km, mb6.2/73, ME6.2, MS6.2/142, MW6.3, MW6.4, Error ellipse: s-maj=4.4km s-min=3.8km az=156.0, Moment Tensor Solution. s44 Moment tensor: Scale 1018Nm; Mr:3.33; Mo:0.24; Mo:0.309; Mo:0.35; Mo:1.29; Mo:0.11; Best double couple: M:3.50000e1018 NP1:3345.00000, s46.00000, 7.89.00000; NP2:3345.00000, s46.00000, 7.89.00000

NEIC 28 18:33:34.2, 0.1, 19:94'S, 168:95E, h32km, mb6.2/73, ME6.2, MS6.2/142, MW6.3, MW6.4, Error ellipse: s-maj=4.4km s-min=3.8km az=156.0, Moment Tensor Solution. s44 Moment tensor: Scale 1018Nm; Mr:3.33; Mo:0.24; Mo:0.309; Mo:0.35; Mo:1.29; Mo:0.11; Best double couple: M:3.50000e1018 NP1:3345.00000, s46.00000, 7.89.00000; NP2:3345.00000, s46.00000, 7.89.00000

NEIC 28 18:33:34.2, 0.1, 19:94'S, 168:95E, h32km, mb6.2/73, ME6.2, MS6.2/142, MW6.3, MW6.4, Error ellipse: s-maj=4.4km s-min=3.8km az=156.0, Moment Tensor Solution. s44 Moment tensor: Scale 1018Nm; Mr:3.33; Mo:0.24; Mo:0.309; Mo:0.35; Mo:1.29; Mo:0.11; Best double couple: M:3.50000e1018 NP1:3345.00000, s46.00000, 7.89.00000; NP2:3345.00000, s46.00000, 7.89.00000

NEIC 28 18:33:34.2, 0.1, 19:94'S, 168:95E, h32km, mb6.2/73, ME6.2, MS6.2/142, MW6.3, MW6.4, Error ellipse: s-maj=4.4km s-min=3.8km az=156.0, Moment Tensor Solution. s44 Moment tensor: Scale 1018Nm; Mr:3.33; Mo:0.24; Mo:0.309; Mo:0.35; Mo:1.29; Mo:0.11; Best double couple: M:3.50000e1018 NP1:3345.00000, s46.00000, 7.89.00000; NP2:3345.00000, s46.00000, 7.89.00000

NEIC 28 18:33:34.2, 0.1, 19:94'S, 168:95E, h32km, mb6.2/73, ME6.2, MS6.2/142, MW6.3, MW6.4, Error ellipse: s-maj=4.4km s-min=3.8km az=156.0, Moment Tensor Solution. s44 Moment tensor: Scale 1018Nm; Mr:3.33; Mo:0.24; Mo:0.309; Mo:0.35; Mo:1.29; Mo:0.11; Best double couple: M:3.50000e1018 NP1:3345.00000, s46.00000, 7.89.00000; NP2:3345.00000, s46.00000, 7.89.00000

DJA 28 18:33:40.0, 19:92'S, 169:04E, h68km, MW6.8/43, ISC 28 18:33:35.6-0.1, 19:81'S, 0:02, 169:06E, 0:02, h34km, h3km, mb6.2, 3km, pp-P, n2074, s673/959, mb6.2/148, MS6.1/240, 346C-223P, Vanuatu Islands

Main station list table with columns: Code, Station Name, Azimuth, Distance, Residual, and other parameters. Includes stations like DZM, DZM, NORM, etc.

2008 APR

Main station list table with columns: TUZ, STKA, STKA, etc. Includes stations like Tuapeka, Tuapeka, Tuapeka, etc.

1336

Main station list table with columns: KAPI, KAPI, KAPI, etc. Includes stations like Nuku Hiva Isla, Nuku Hiva Isla, Nuku Hiva Isla, etc.

Table with columns: Station, Frequency, Band, Mode, SNR, and other parameters. Includes stations like Hachijo jima 2, Baguio City Da, Sibuh, etc.

Table with columns: Station, Frequency, Band, Mode, SNR, and other parameters. Includes stations like Guangzhou, West Island, West Island, etc.

Table with columns: Station, Frequency, Band, Mode, SNR, and other parameters. Includes stations like YSS, Yuzh-Sakhalins, Severo-Kuril's, etc.

28d 18h

Table with columns for station call letters, frequency, power, and signal quality. Includes stations like CN2, ENH, GYA, KLR, MAW, etc.

2008 APR

Table with columns for station call letters, frequency, power, and signal quality. Includes stations like LZH, SEY, KDKA, KDAK, etc.

1338

Table with columns for station call letters, frequency, power, and signal quality. Includes stations like DECC, ARVC, SHL, OHMC, etc.

1339

Table with columns: Property Name, Address, Price, Acres, Status, and other details. Includes listings for FURC, CRAG, SIT, H04A, 112A, GLA, E03A, G04A, GMRC, SHOC, LSA, L1A, L2A, L3A, L4A, L5A, L6A, L7A, L8A, L9A, L10A, L11A, L12A, L13A, L14A, L15A, L16A, L17A, L18A, L19A, L20A, L21A, L22A, L23A, L24A, L25A, L26A, L27A, L28A, L29A, L30A, L31A, L32A, L33A, L34A, L35A, L36A, L37A, L38A, L39A, L40A, L41A, L42A, L43A, L44A, L45A, L46A, L47A, L48A, L49A, L50A, L51A, L52A, L53A, L54A, L55A, L56A, L57A, L58A, L59A, L60A, L61A, L62A, L63A, L64A, L65A, L66A, L67A, L68A, L69A, L70A, L71A, L72A, L73A, L74A, L75A, L76A, L77A, L78A, L79A, L80A, L81A, L82A, L83A, L84A, L85A, L86A, L87A, L88A, L89A, L90A, L91A, L92A, L93A, L94A, L95A, L96A, L97A, L98A, L99A, L100A.

2008 APR

Table with columns: Property Name, Address, Price, Acres, Status, and other details. Includes listings for USHA, SKAG, HYT, IRK, P10A, TLY, W13A, T12A, Z14A, U12A, R11A, E06A, J08A, Y14A, Q11A, V13A, O10A, JCW, S12A, G07A, 115A, N10A, F07A, P11A, D06A, U13A, TAPN, X14A, ODAN, A05A, TBM, H08A, Z15A, RPW, W14A, 216A, J09A, 116A, B06A, M10A, Y15A, T13A, O11A, G08A, R12A, C06A, E07A, V14A, RSW, R12A, HAWA, ETW, I09A, A06A, N11A, D07A, L10A, S13A.

28d 18h

Table with columns: Property Name, Address, Price, Acres, Status, and other details. Includes listings for P12A, X15A, K10A, U14A, F08A, 217A, C07A, R13A, M11A, Z16A, E08A, RAMN, W15A, ELK, H09A, CCUT, J10A, Y16A, T14A, EGAK, ARUT, ARUT, MOY, MOY, Q13A, LNOR, O12A, DAW, 117A, B07A, N12A, N12A, DLBC, DLBC, G09A, L11A, D08A, V15A, S14A, K11A, A07A, X16A, F09A, BMO, BMO, I10A, 318A, P13A, U15A, 218A, W16A, M12A, Y17A, E09A, C08A, OD2, OD2, J10A, H10A, T15A, B08A, R14A, O13A, G10A, Z17A, D09A, Q14A, MFID, L12A, N13A, WUAZ, 118A, I11A, S15A, F10A, 319A, GUN, Z18A, A08A, M13A, C09A, K12A, P14A, H11A, W17A, R15A.

28d 18h

Table with columns for station ID, name, frequency, power, and other technical details. Includes entries like 1J12A Stokes Ranch, 219A White Tail Can, etc.

2008 APR

Table with columns for station ID, name, frequency, power, and other technical details. Includes entries like JLU Jordanelle, V19A Window Rock, X20A Quemado, etc.

1340

Table with columns for station ID, name, frequency, power, and other technical details. Includes entries like HYB Hyderabad, F15A Butte, LRM Limekiln Ridge, etc.

Table with columns: SVE, SVERDLOVSK, 116.42 324, eP, Pdif, 18 48 24.6 -5.6, 18 52 14.7, 18 55 51.9, 19 03 05.1 +0.2, SIV, San Ignacio, 119.23 122, PKP, PKPdf, 18 52 20.5 -1.5, 19 02 35.9 -2.4, etc.

Table with columns: SIV, San Ignacio, 119.23 122, PKP, PKPdf, 18 52 20.5 -1.5, 19 02 35.9 -2.4, SEK, Senekal, 119.23 219, eP, AMS, 18 52 16.5 -5.5, 19 45 54.0 AMS, etc.

Table with columns: TRO, Cabo Rojo, PR, 127.04, 82, ePKPdf, PKPdf, 18 52 34.9 -2.0, 18 52 35.0 -1.9, etc.

1345

Table of station data for 1345, including call signs (e.g., JOE, JWM, JRS), frequencies, and other technical details.

2008 APR

Table of station data for 2008 APR, including call signs (e.g., ELAN, Lanestosa, ROSAIS), frequencies, and other technical details.

28d 19h

Table of station data for 28d 19h, including call signs (e.g., PBDV, Barranco-do-ve), frequencies, and other technical details.

NEIC 28 18:40:20.5, 19.39N:102:86W, h71km, MD3.9(MEX), After MEX

MEX 28 18:40:20.3-0.5, 19.39N:102:86W, h72km, 10km, MD3.9, Michoacan

Table of station data for NEIC 28 18:40:20.5, including call signs (e.g., Code, Station Name), frequencies, and other technical details.

IDC 28 19:01:25.4:25.0, 24:20S-173:52W, h0km, mb3.9/4, mb1 4/0.4, mb1mx3.8/15, mbmtmx3.9/4, Error ellipse: s-maj=467.0km s-min=138.6km az=80.0, South of Tonga Islands

Table of station data for IDC 28 19:01:25.4, including call signs (e.g., Code, Station Name), frequencies, and other technical details.

ISK 28 19:09:27.8, 40:15N-26:96E, h5km, MD3.0, ISCBJ 28 19:09:28.3-0.5, 40:16N:02:26:93E:0.04, h3km, 5km, Error ellipse: s-maj=5.6km s-min=3.8km az=177.3

CSEM 28 19:09:28.7-0.1, 40:17N-26:95E, h5km, MD3.0, Error ellipse: s-maj=3.4km s-min=3.0km az=75.0

DDA 28 19:09:28.4, 40:17N-26:92E, h22km, 2km, MD3.0, ISC 28 19:09:28.9-0.5, 40:17N:02:26:93E:0.04, h6km, 5km, n41, 09:570, Turkey

Table of station data for ISK 28 19:09:27.8, including call signs (e.g., Code, Station Name), frequencies, and other technical details.

28D 19h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include BALLY, BNT, GADA, ENEZ, AYVA, etc.

ISK 28 19:16:56.6, 40.14N-26.87E, h5km, MD2.9
ISCJB 28 19:16:57.4, 0.4, 40.16N-0.02, 26.87E-0.03, h10km, Error
ellipse: s-maj=3.9km s-min=3.2km az=24.9

CSEM 28 19:16:57.3, 0.1, 40.15N-26.86E, h2km, MD2.9, Error
ellipse: s-maj=1.9km s-min=1.6km az=69.0

DDA 28 19:16:57.7, 40.17N-26.94E, h7km, 2km, MD2.9
ISC 28 19:16:57.7, 0.4, 40.15N-0.02, 26.90E-0.03, h5km, 6km,
n34, c064/49, Turkey

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include LPK, EZN, SARK, etc.

DJA 28 19:18:49.4, 69N-96.90E, h43km, MLV3.3/3, Northern
Sumatera

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include LHMI, BSI, TSI, etc.

IDC 28 19:26:10.2, 0.7, 52.12N-30.31W, h0km, mb3.9/21,
mb1 4.0/22, mb3 9.9/34, mbtmp3.9/22, ML3.3/1, Error
ellipse: s-maj=20.2km s-min=13.8km az=11.0

CSEM 28 19:26:11.3, 0.2, 52.11N-30.32W, h10km, mb4.0/6, Error
ellipse: s-maj=11.6km s-min=7.0km az=14.0

NEIC 28 19:26:11.5, 0.4, 52.07N-30.33W, h10km, mb4.0/5, Error
ellipse: s-maj=11.5km s-min=6.7km az=195.0

ISC 28 19:26:12.8, 7.3, 52.09N-0.10, 30.33W-0.11, h17km, 46km,
n71, c075/66, mb3.9/27, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include EKA, BAIF, BAIV, etc.

2008 APR

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include MEZF, HAU, NOA, GERES, etc.

NEIC 28 19:33:26.3, 16.68N-100.64W, h18km, MD3.6(MEX), After
MEX

MEX 28 19:33:26.3, 0.4, 16.68N-100.64W, h18km, 32km, MD3.6,
Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include CAIG, ACX, WRA, etc.

IDC 28 19:40:19.1, 3.2, 3.04N-127.28E, h0km, mb3.5/5,
mb1 3.6/5, mb1mx3.4/21, mbtmp3.5/5, Error ellipse:
s-maj=393.6km s-min=20.5km az=68.0, Talaud Islands

WRA Warramunga Arr 23.87 163 P
0.6nm, 0.3s, baz=338, slow=11, SNR=15

ASAR Alice Springs 27.32 167 P
0.6nm, 0.3s, baz=342, slow=11, SNR=15

MKAR Makanchi Array 58.43 325 P
2.0nm, 0.5s, baz=114, slow=6, SNR=5.8

ZALV Zalevo Array 61.44 333 P
0.3nm, 0.3s, baz=111, slow=7, SNR=2.3

KURK Kurchatov 62.92 327 P
0.4nm, 0.6s, baz=127, slow=6.0, SNR=3.6

NEIC 28 19:43:00.1, 33.60N-141.00E, h62km, Mw4.4 Best double
couple: M4.300000-1015 N1P1=131.00000, s85.00000,
z-36.00000, NP2=225.00000, s84.00000,

MOS 28 19:43:03.0, 1.3, 33.46N-141.17E, h33km, mb4.4/9, Error
ellipse: s-maj=16.5km s-min=7.4km az=116.4

ISCJB 28 19:43:35.9, 0.7, 33.48N-141.01E, h0.6, h56km, 5km,
mb4.2/37, Error ellipse: s-maj=7.8km s-min=5.0km
az=178.6

JMA 28 19:43:35.6, 0.2, 33.51N-141.04E, h63km, 4km, M4.6,
JMA Felt I J1

NEIC 28 19:43:39.0, 1.2, 33.42N-140.75E, h62km, 10km, mb4.7/9,
MW4.4(NIED), Error ellipse: s-maj=10.9km s-min=6.6km
az=79.0

NEIC Recorded [1 JMA] on Hachijo-jima
IDC 28 19:43:39.0, 1.4, 33.43N-140.77E, h63km, 10km, mb3.6/19,
mb1 3.7/19, mb1mx3.7/24, mbtmp3.6/19, Error ellipse:
s-maj=18.1km s-min=9.7km az=80.0

BUI 28 19:43:44.9, 34.11N-139.96E, h62km, mb4.9/2, mb4.1/4
ISC 28 19:43:36.7, 0.7, 33.48N-141.02E, h0.5, h45km, 5km,
n91, c097/104, mb4.2/37, 2C-4D, Off east coast of
Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include JHJ2, etc.

1346

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include JHJ2, BSO1, MAJO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NB2 NORSAR Subarray, NOA NORSAR Array B, NOA NORSAR Array B, etc.

IDC 28 19:55:01.4:1.6, 20:135:168:73E, h0km, mb4.3/6, mb1 4.5/7, mb1mx2.1/16, mbtmp4.4/7, ML2.8/1, Error ellipse: s-maj=64.7km s-min=24.2km az=156.0

ISCJB 28 19:55:02.7:4.8, 20:35:0:2:168:8E:0.2, h23km, 38km, mb4.3/8, Error ellipse: s-maj=40.5km s-min=11.7km az=147.1

LDG 28 19:55:03.2:0.3, 19:84S:168:52E, h10km, Mb4.6/2, Error ellipse: s-maj=2.7km s-min=4.3km az=121.0

SZGRF 28 19:55:05.9:20:155:170:06E, h33km, Vanuatu Islands

NEIC 28 19:55:06.1:0.8, 20:35S:168:86E, h35km, mb4.5/2, Error ellipse: s-maj=29.7km s-min=12.2km az=155.0

ISC 28 19:55:03.6:4.9, 20:35S:0:2:168:9E:0.1, h18km, 33km, n56, c0574/19, mb4.3/8, 4C-1D, Loyalty Islands

Main table listing station codes (DZM, NOUC, AFI, etc.) and their details including station name, coordinates, and operational status.

IDC 28 19:58:24.1:5.3, 58:22S:26:48W, h0km, mb3.7/1, mb1 3.7/1, mb1mx3.5/13, mbtmp3.7/1, Error ellipse: s-maj=201.7km s-min=96.2km az=102.0, South Sandwich Islands region

Table listing station codes (TORD, YKA, SONM) and their details for the South Sandwich Islands region.

ISCJB 28 20:01:17.0:0.4, 22:86N:0:02:121:75E:0:02, h16km, 4km, Error ellipse: s-maj=2.0km s-min=2.6km az=15.6

JAP 28 20:01:19.0:22:85N:121:67E, h16km, ML3.8 C

JMA 28 20:01:17.0:0.2, 22:86N:121:77E, h42km, M3.3

ISC 28 20:01:17.5:0.4, 22:86N:0:02:121:75E:0:02, h11km, 2km, n64, c0594/120, 9C-1D, Taiwan region

Table listing station codes (CHKT, TTN, TTN, TWG, TWG) and their details for the Taiwan region.

Main table listing station codes (TWF1, ELDTW, EHY, etc.) and their details including station name, coordinates, and operational status.

Table listing station codes (NSY, NSK, NSK, etc.) and their details including station name, coordinates, and operational status.

ISCJB 28 20:04:31.2:0.4, 43:85N:0:04:105:17W:0:05, h0km, mb3.8/4, Error ellipse: s-maj=5.9km s-min=4.9km az=146.0

IDC 28 20:04:31.6:1.7, 43:62N:105:32W, h0km, mb3.8/4, mb1 3.8/9, mb1mx3.6/27, mbtmp3.6/9, ML3.5/9, Error ellipse: s-maj=46.0km s-min=7.4km az=150.0

NEIC 28 20:04:33.0:0.3, 43:82N:105:21W, h0km, ML3.3, Error ellipse: s-maj=4.6km s-min=3.6km az=152.0, Suspected Mining explosion

NEIC 55 km [35 miles] SSE of Gillette. ISC 28 20:04:33.1:0.4, 43:83N:0:04:105:19W:0:05, h0km, n45, c0594/47, mb3.8/4, Wyoming

Main table listing station codes (RSSD, PHWY, RWY, etc.) and their details including station name, coordinates, and operational status.

28D 20h

Table with columns: RMQ, Roma, 19.80 238 eP, Pn, 20 18 50.9 +0.6, etc. Lists various stations and their coordinates.

MAN 28:20:00.06, 16.91N, 122.39E, h3km, mb4.3, ML3.1, MS2.9, Luzon. Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc.

ISK 28:20:24:19.7, 40.16'N, 26.88E, h3km, MD2.9
ISCJB 28:20:24:06.0, 40.17'N, 0.02, 26.88E, 0.03, h10km, Error ellipse: s-maj=3.6km s-min=3.2km az=31.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc. Lists stations like LPK, RKY, SART, etc.

2008 APR

LDG 28:20:26:48.0, 0.1, 20.18S, 168.82E, h10km, Mb6.2/3, Ms5.6/7, Error ellipse: s-maj=12.7km s-min=3.3km az=131.0
BUJ 28:20:26:50.4, 19.79S, 169.17E, h23km, mb6.1/50, mb5.8/51, Ms5.7/67, Ms7.5.4/55
ISCJB 28:20:26:50.0, 0.1, 20.20S, 0.02, 168.86E, 0.02, h23km, mb5.7/139, MS5.6/250, Error ellipse: s-maj=3.7km s-min=2.7km az=153.4
SZGRF 28:20:26:51.6, 20.08S, 170.27E, h33km, mb5.7, Vanuatu Islands
IDC 28:20:26:51.1, 1.9, 20.20S, 168.88E, h2km, 1.1km, mb5.3/20, mb1.5, 4/22, mb1.1mx5.4/23, mb1.1mx5.3/22, MS5.5/22
MS1 5.5/22, ms1mx5.4/20, Error ellipse: s-maj=14.9km s-min=12.8km az=148.8
DJA 28:20:26:52.1, 29.9S, 168.85E, h14km, Mw6.4/30
MOS 28:20:26:53.0, 1.1, 19.93S, 168.90E, h33km, mb5.9/67, MS5.7/71, Error ellipse: s-maj=13.3km s-min=8.2km az=101.9
NEIC 28:20:26:53.1, 0.1, 20.24S, 168.82E, h35km, mb5.8/96, MS5.7/195, MW5.9, MW6.1, Error ellipse: s-maj=5.4km s-min=4.2km az=140.0, Moment Tensor Solution. s38
Moment tensor: Scale 1017Nm; Mn=7.55; Mw=8.61; Mw-1.06; Mw-1.83; Mw-1.40; Mw-2.84; Best double couple: Mb=0.9000, 0.1017, NP1=205.00000, 356.00000, 1-18.00000, NP2=30.00000, 840.00000, 1-119.00000. Principal axes: T 9.1400, P1g8.0000, Azm10.0000; N -0.4200, P1g18.0000, Azm12.0000; P -8.7200, P1g69.0000, Azm256.0000;
GCMT 28:20:26:53.1, 0.1, 20.23S, 168.81E, h17km, MW6.0/114, Moment Tensor Solution. s102,c208; s114,c383; Duration: 2s5 Moment tensor: Scale 1018Nm; Mn=-1.25, 0.2; Mw=0.94, 0.1; Mw-0.31, 0.1; Mw-0.27, 0.3; Mw-0.71, 0.1; Mw-0.40, 0.4; Best double couple: Mw1.41800, 1018 NP1=323.00000, 848.00000, 1-62.00000, NP2=104.00000, 849.00000, 1-118.00000. Principal axes: T 1.4000, P1g0.0000, Azm213.0000; N 0.0260, P1g21.0000, Azm123.0000; P -1.4310, P1g69.0000, Azm304.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.
ISC 28:20:26:51.9, 0.1, 20.17S, 0.02, 168.93E, 0.02, h24km, h24km, 2.4km: pP, P, n1397, o577/686, mb5.7/139, MS5.6/250, 187C-224D, Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, etc. Lists stations like DZM, OUC, ARMA, HIZ, URZ, etc.

1348

Table with columns: STKA, comp=Z, 7.3nm, 0.9s, mb5.2, baz=70, slow=8.5, SNR=33, etc. Lists stations like STKA, MOO, RAR, etc.

1349

2008 APR

28d 20h

Table with columns for station code, name, frequency, power, and signal quality. Includes stations like KKM Kota Kinabalu, BALP Baler, CAUP Cauayan, etc.

Table with columns for station code, name, frequency, power, and signal quality. Includes stations like NJ2, YSS, IPM, SKR, etc.

Table with columns for station code, name, frequency, power, and signal quality. Includes stations like CN2, NIKO, ENH, GYA, etc.

28d 20c

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like X21A Alamocita Cree, 122A Conniff Cattle, L16A Fish Haven, etc.

2008 APR

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like PLCA Paso Flores, PLCA Paso Flores, B16A M & M Farms, etc.

1352

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like AGMN Agassiz Refuge, ULM Lac du Bonnet, JTS JuntasAbangare, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like BNI, ROSF, GDM, BGF, GRN, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like PCVE, PVAQ, ESPR, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like GRR, LPL, LPG, SMF, etc.

29d 0h

Table with 4 columns: Station Name, Azimuth (Az), Elevation (El), and Signal Strength (SS). Includes stations like NVAR, FINES, PDAR, and IS/CJB.

Table with 4 columns: Station Name, Azimuth (Az), Elevation (El), and Signal Strength (SS). Includes stations like SSSN, CONN, GBSZ, LADC, LIM1, etc.

Table with 4 columns: Station Name, Azimuth (Az), Elevation (El), and Signal Strength (SS). Includes stations like MGAN, TISN, VCR, XAVN, JTS, BOAB, CASO, HUEN, etc.

Table with 4 columns: Station Name, Azimuth (Az), Elevation (El), and Signal Strength (SS). Includes stations like TELN, CRIN, LAJ, LCR2, LCR2, URSAC, etc.

Table with 4 columns: Station Name, Azimuth (Az), Elevation (El), and Signal Strength (SS). Includes stations like CMIG, SDV, PCRV, LRAL, GOGA, etc.

Table with 4 columns: Station Name, Azimuth (Az), Elevation (El), and Signal Strength (SS). Includes stations like SWET, CPCT, MIAR, TKL, etc.

Table with 4 columns: Station Name, Azimuth (Az), Elevation (El), and Signal Strength (SS). Includes stations like TXAR, TXYR, WXT, WMOK, SIUC, etc.

Table with 4 columns: Station Name, Azimuth (Az), Elevation (El), and Signal Strength (SS). Includes stations like WICI, CCM, OLIL, ANMO, etc.

Table with 4 columns: Station Name, Azimuth (Az), Elevation (El), and Signal Strength (SS). Includes stations like SIV, PDAR, HWUT, AGMN, etc.

Table with 4 columns: Station Name, Azimuth (Az), Elevation (El), and Signal Strength (SS). Includes stations like NVAR, ULM, ULM, HLID, etc.

2008 APR

Table with 4 columns: Station Name, Azimuth (Az), Elevation (El), and Signal Strength (SS). Includes stations like YKA, ASAR, WRA, SZGRF, etc.

Table with 4 columns: Station Name, Azimuth (Az), Elevation (El), and Signal Strength (SS). Includes stations like DHMR, IDC, NEIC, BJU, etc.

Table with 4 columns: Station Name, Azimuth (Az), Elevation (El), and Signal Strength (SS). Includes stations like MOS, IS/CJB, CSEM, etc.

Table with 4 columns: Station Name, Azimuth (Az), Elevation (El), and Signal Strength (SS). Includes stations like GCMT, STR, DJA, etc.

Table with 4 columns: Station Name, Azimuth (Az), Elevation (El), and Signal Strength (SS). Includes stations like TDD, ATD, ATA, etc.

Table with 4 columns: Station Name, Azimuth (Az), Elevation (El), and Signal Strength (SS). Includes stations like ADEN, ZUOR, UDYN, etc.

Table with 4 columns: Station Name, Azimuth (Az), Elevation (El), and Signal Strength (SS). Includes stations like UDYN, DHBB, EDHA, etc.

Table with 4 columns: Station Name, Azimuth (Az), Elevation (El), and Signal Strength (SS). Includes stations like SANA, HAJJ, FURI, etc.

Table with 4 columns: Station Name, Azimuth (Az), Elevation (El), and Signal Strength (SS). Includes stations like WUNDE, MUUK, KMBO, etc.

Table with 4 columns: Station Name, Azimuth (Az), Elevation (El), and Signal Strength (SS). Includes stations like KMBO, ARQI, ARQI, etc.

1360

Table with 4 columns: Station Name, Azimuth (Az), Elevation (El), and Signal Strength (SS). Includes stations like FAQ, AI Faqa, etc.

Table with 4 columns: Station Name, Azimuth (Az), Elevation (El), and Signal Strength (SS). Includes stations like FAQ, AI Faqa, etc.

Table with 4 columns: Station Name, Azimuth (Az), Elevation (El), and Signal Strength (SS). Includes stations like FAQ, AI Faqa, etc.

Table with 4 columns: Station Name, Azimuth (Az), Elevation (El), and Signal Strength (SS). Includes stations like FAQ, AI Faqa, etc.

Table with 4 columns: Station Name, Azimuth (Az), Elevation (El), and Signal Strength (SS). Includes stations like FAQ, AI Faqa, etc.

Table with 4 columns: Station Name, Azimuth (Az), Elevation (El), and Signal Strength (SS). Includes stations like FAQ, AI Faqa, etc.

Table with 4 columns: Station Name, Azimuth (Az), Elevation (El), and Signal Strength (SS). Includes stations like FAQ, AI Faqa, etc.

Table with 4 columns: Station Name, Azimuth (Az), Elevation (El), and Signal Strength (SS). Includes stations like FAQ, AI Faqa, etc.

Table with 4 columns: Station Name, Azimuth (Az), Elevation (El), and Signal Strength (SS). Includes stations like FAQ, AI Faqa, etc.

Table with 4 columns: Station Name, Azimuth (Az), Elevation (El), and Signal Strength (SS). Includes stations like FAQ, AI Faqa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Las Campanas, San Ignacio, Coronel Fontan, etc.

ISK 29 00:35:16.2, 40.64N, 34.61E, h9km, MD2.9
ISCJB 29 00:35:17.1, 40.64N, 0.03:34.59E, 0.03:26.3h, 5km, 5km, 5km
Error ellipse: s-maj=4.5km s-min=4.2km az=26.3

CSEM 29 00:35:17.1, 40.63N, 34.62E, h8km, MD2.9, Error ellipse: s-maj=4.8km s-min=3.8km az=74.0

DDA 29 00:35:17.2, 40.58N, 34.59E, h7km, 2km, MD2.9
ISC 29 00:35:17.5, 40.63N, 0.03:34.60E, 0.04:5.5km, 4km, n29, c0934/45, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Corum, Cankiri, Ilgaz, Boyabat, etc.

NEIC 29 00:39:46.7, 1.2, 13.61S, 76.40W, h72km, 12km, mb3.8/5, Error ellipse: s-maj=24.0km s-min=9.7km az=65.0, Near coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Nana, La Paz, Las Campanas, etc.

KRSC 29 00:40:05.3, 1.3, 50.40N, 159.43E, h31km, 31km, ML3.7, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Russkaya, Alaid, Malaya Ipel'ka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Mys Kozlova, Tumorok, Krutoberegovo, etc.

DHMR 29 00:45:02.0, 1.3, 11.80N, 42.95E, h13km, 12km, ML3.6, 1C-1D, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like At Turbah, Zugar Island, Al' Udayn, etc.

MAN 29 00:52:16.8, 9.94N, 122.45E, h19km, mb4.5, ML3.4, MS3.3, 3C, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Sibulan, Dipolog City, Ipil, etc.

IDC 29 00:52:31.7, 6.7, 20.45S, 168.05E, h0km, mb3.9/2, mb1 4.2/2, mb1mx3.8/14, mbtmp3.9/2, Error ellipse: s-maj=273.9km s-min=53.4km az=149.0, Loyalty Islands

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

IPEC 29 00:57:19.3, 0.4, 51.57N, 16.17E, h0km, 2km, ML2.5/4, Error ellipse: s-maj=2.5km s-min=1.6km az=16.0

ISCJB 29 00:57:19.0, 0.5, 51.44N, 0.03:16.12E, 0.03:14.0h, 0km, Error ellipse: s-maj=4.0km s-min=2.4km az=10.4

CSEM 29 00:57:20.3, 0.2, 51.50N, 16.09E, h2km, ML3.2/1, Error ellipse: s-maj=4.2km s-min=3.1km az=17.0

NEIC 29 00:57:20.2, 0.2, 51.48N, 16.15E, h5km, ML2.7 (SZGRF), Error ellipse: s-maj=3.0km s-min=1.0km az=191.0

PRU 29 00:57:21.9, 0.5, 51.50N, 16.09E, h0km, Error ellipse: s-maj=2.5km s-min=1.6km az=16.0

WAR 29 00:57:21.9, 0.5, 51.52N, 16.09E, ML2.7, Mining Induced, Error ellipse: s-maj=4.4km s-min=4.0km az=154.0

VIE 29 00:57:23.0, 0.7, 51.26N, 16.08E, h0km, mb2.5, ML2.8/5, Error ellipse: s-maj=4.4km s-min=4.0km az=154.0

ISC 29 00:57:20.2, 0.5, 51.49N, 0.03:16.11E, 0.03:14.0h, 0km, n53, c0599/106, 5C-ID, Poland

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

MORC Moravsky Berou 1.94 151 ePn Pn 00 57 54.4 0.0

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

KRUC 29 00:58:37.0, 0.3, 35.37S, 168.05E, h0km, mb3.9/2, mb1 4.2/2, mb1mx3.8/14, mbtmp3.9/2, Error ellipse: s-maj=273.9km s-min=53.4km az=149.0, Loyalty Islands

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

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

CONA 29 01:00:21.2, 1.2, 11.75N, 42.90E, h11km, 12km, ML3.5, 2C, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like At Turbah, Zugar Island, Al' Udayn, etc.

DDA 29 01:00:11.6, 37.06N, 31.20E, h7km, 2km, MD3.2

ISK 29 01:00:12.8, 37.02N, 31.19E, h52km, MD3.2

ISCJB 29 01:00:13.7, 0.6, 37.09N, 0.05:31.15E, 0.04:4.5km, 12km, Error ellipse: s-maj=8.7km s-min=5.5km az=13.8

CSEM 29 01:00:13.2, 0.4, 37.05N, 31.20E, h24km, 4km, MD3.2, Error ellipse: s-maj=9.4km s-min=6.1km az=2.0

ISC 29 01:00:14.4, 0.5, 37.10N, 0.05:31.15E, 0.04:4.5km, 15km, n40, c07749, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Sutluce-Ispart, Sutluce-Ispart, Antalya, etc.

DHMR 29 01:02:21.2, 1.2, 11.75N, 42.90E, h11km, 12km, ML3.5, 2C, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like At Turbah, Zugar Island, Al' Udayn, etc.

KRSC 29 01:04:05.3, 1.3, 50.40N, 159.43E, h31km, 31km, ML3.7, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Russkaya, Alaid, Malaya Ipel'ka, etc.

Table with columns: ARU, comp-Z, 12nm, 1.2s, mb4.8, pmax, pmax, MLR, MLR, etc. Lists various stations and their coordinates and parameters.

Table with columns: ESDC, LR, LR, 01 37 10.8, etc. Lists stations like Sonseca Array, FINESS Array B, etc. with their coordinates and parameters.

Table with columns: OBKA, Sn, Sn, 01 14 52.1 -0.3, etc. Lists stations like Vojsko, Arzberg, etc. with their coordinates and parameters.

Table with columns: Code, Station Name, Az, El, Pn, P, Pmax, Pmax. Includes stations like BALB, BALKESIR, LIT, etc.

Table with columns: Code, Station Name, Az, El, Pn, P, Pmax, Pmax. Includes stations like BRTR, BRTR, BRTR, etc.

Table with columns: Code, Station Name, Az, El, Pn, P, Pmax, Pmax. Includes stations like LPGA, LPGA, LPGA, etc.

DHMR 29 02:33:12.4 0.0, 11.771N:43.02E, h9km, dkm, ML4.7
BUJ 29 02:33:14.6, 11.783N:42.91E, h10km, m5, 0/3, m5, 5/4
ISCJB 29 02:33:15.0 0.4, 11.701N:0.04:43.00E:0.04, h10km,
mb4.2/47, MS3.8/21, Error ellipse: s-maj=6.5km,
s-min=3.7km az=140.2

PKSM Moragy 40.12 334 P
PKSM Moragy 40.12 334 P
PKSM Moragy 40.12 334 P
PKSM Moragy 40.12 334 P

ISCJB 29 02:37:25.9 0.8, 43.477N:0.04:126.64W:0.10, h10km,
ISCJB 29 02:37:25.9 0.8, 43.477N:0.04:126.64W:0.10, h10km,

Table with columns: Code, Station Name, Az, El, Pn, P, Pmax, Pmax. Includes stations like ATD, ATD, TRBA, TRBA, etc.

Table with columns: Code, Station Name, Az, El, Pn, P, Pmax, Pmax. Includes stations like AML, AML, AML, AML, etc.

Table with columns: Code, Station Name, Az, El, Pn, P, Pmax, Pmax. Includes stations like MKAR, MKAR, MKAR, MKAR, etc.

mb3.4/4, MS3.1/2, Error ellipse: s-maj=10.4km
 s-min=5.3km az=161.5
 IDC 29 02:37:25.9.1.9, 43.54N, 126.45W, h0km, mb3.4/5,
 mb1 3.6/10, mb1mx3.5/28, mbtmp3.4/10, ML3.3/4, MS3.1/5,
 Mb1 3.0/5, ms1mx2.7/27, Error ellipse: s-maj=39.9km
 s-min=12.8km az=51.0
 NEIC 29 02:37:27.8.0.9, 43.47N, 126.62W, h10km, ML2.7, Error
 ellipse: s-maj=11.8km s-min=6.0km az=70.0
 ISC 29 02:37:27.8.0.9, 43.48N, 126.6W, 0.1, h10km, n48,
 r=1150,0, mb3.4/4, MS3.1/2, Off coast of Oregon

Code	Station Name	A° AZ°	Phase ID	Time Res	h m s ISC
KEBM	Edson Butte	1.79 109	ePn	Pn	02 37 55.6 -3.2
RNO	Roman Nose	2.15 77	ePn	Pn	02 38 02.5 -1.2
DBO	Dodson Butte	2.61 97	ePn	Pn	02 38 06.7 -1.9
COR	Corvallis	2.55 64	ePn	Pn	02 38 09.9 -0.6
HEBO	Mount Hebo	2.70 49	ePn	Pn	02 38 12.3 -0.9
HUMO	Hull Mountain	2.84 107	ePn	Pn	02 38 11.2 -2.0
BBOR	Butler Butte	2.96 100	ePn	Pn	02 38 13.7 -1.1
KMOR	Kings Mountain	3.11 45	ePn	Pn	02 38 16.5 -0.5
IRO	Indian Ridge	3.22 79	ePn	Pn	02 38 18.1 -0.3
SSOR	Sweet Springs	3.31 64	ePn	Pn	02 38 20.4 +0.8
FRIS	Frissie Point	3.39 39	ePn	Pn	02 38 20.7 +0.3
YBH	Yreka Blue Hor	3.39 120	ePn	Pn	02 38 18.7 -2.0
YBH	Yreka Blue Hor	3.39 120	ePn	Pn	02 38 18.9 -0.9
YBH	Yreka Blue Hor	3.39 120	ePn	Pn	02 38 17.4 -3.5
NLO	Nicolai Mounta	3.46 40	ePn	Pn	02 38 21.5 -0.1
GT2	Goat Mountain	3.55 60	ePn	Pn	02 38 23.9 +0.9
HOOD	Mount Hood Mea	4.02 61	ePn	Pn	02 38 30.7 +1.4
ESD	East Dome	4.19 48	ePn	Pn	02 38 32.7 +1.0
NLWA	Neilton Lookou	4.37 26	ePn	Pn	02 38 33.4 -0.8
GL2	New Goldendale	4.83 57	ePn	Pn	02 38 41.2 +0.8
RPW	White Pass	4.83 57	ePn	Pn	02 38 41.2 +0.8
RCS	Mount Rainier	4.83 57	ePn	Pn	02 38 41.2 +0.8
GNW	Green Mountain	4.88 32	ePn	Pn	02 38 40.5 -0.7
JCW	Jim Creek	5.75 33	ePn	Pn	02 38 52.5 +0.6
HAWA	Hanford	5.82 58	ePn	Pn	02 38 54.9 +0.7
ETW	Entiat	6.15 45	ePn	Pn	02 38 58.5 +1.2
RPW	Rockport	6.12 34	ePn	Pn	02 38 58.1 -0.1
BMO	Blue Mountains	6.85 75	ePn	Pn	02 39 08.1 +0.1
CMB	Columbia Colle	7.22 37	ePn	Pn	02 39 15.0 +1.6
NVAR	Mina Array Bea	8.08 126	ePn	Pn	02 39 26.4 +1.3
NEW	Newport	8.15 51	ePn	Pn	02 39 27.2 +0.7
BBB	Bella Bella	8.76 354	ePn	Pn	02 39 37.4 +2.9
BBB	Bella Bella	8.76 354	ePn	Pn	02 39 37.4 +2.9
ELK	Elko	8.90 104	LR	LR	02 42 54.5
BSMT	Bassoo Peak	9.38 58	ePn	Pn	02 39 44.2 +1.3
MSO	Missoula	9.57 65	ePn	Pn	02 39 45.0 +0.6
JTMT	Jette	9.65 60	ePn	Pn	02 39 47.8 +1.2
ISA	Isabella	10.03 138	ePn	Pn	02 39 53.7 +1.8
CHMT	Chamberlain Mo	10.05 65	ePn	Pn	02 39 53.0 +0.8
LDFC	Landfair	12.25 129	ePn	Pn	02 40 23.6 +1.3
PDAR	Pinedale Array	12.51 87	Pn	Pn	02 40 27.0 +1.3
DLBC	Dease Lake	15.12 353	Pn	Pn	02 41 00.6 -0.6
DLBC	Dease Lake	15.12 353	Pn	Pn	02 41 00.6 -0.6
ANMO	Albuquerque	17.78 112	P	P	02 41 34.6 -0.7
YKA	Yellowknife Ar	20.31 16	P	P	02 42 02.8 -0.7
ULM	Las du Bonnet	21.61 11	P	P	02 42 20.4 -1.4
TXAR	Lajitas Array	23.17 120	P	P	02 42 33.1 -1.3
INK	Inuvik	25.15 354	P	P	02 42 51.9 -0.8
INK	Inuvik	25.15 354	P	P	02 42 51.9 -0.8
SCHO	Schefferville	39.55 52	LR	LR	03 02 54.4
ZALV	Zalesovo Beam	79.28 342	P	P	02 49 32.4 -0.6

ATH 29 02:40:34.9, 36.40N, 21.81E, h16km, 2km, MD3.6/18
 NEIC 29 02:40:34.9, 36.40N, 21.81E, h16km, MD3.6(ATH), After
 ATH
 ISCJB 29 02:40:36.1.0.8, 36.48N, 21.81E, h10km, Error
 ellipse: s-maj=6.8km s-min=5.2km az=145.3
 CSEM 29 02:40:36.8.0.5, 36.41N, 21.94E, h10km, ML3.2/3, Error
 ellipse: s-maj=10.9km s-min=6.3km az=55.0
 THE 29 02:40:37.9, 36.53N, 21.91E, h0km, 2km, ML3.2/3, Error
 ellipse: s-maj=2.8km s-min=1.4km az=200.0
 ISC 29 02:40:36.6.0.9, 36.49N, 21.87E, 0.05, h10km, n54,
 r=1374,78, Southern Greece

Code	Station Name	A° AZ°	Phase ID	Time Res	h m s ISC
ITM	Ithomi	0.69 4	Op	Pg	02 41 00.0 -1.0
ITM	Ithomi	0.69 4	eSN	Pg	02 41 01.2 +2.0
ITM	Ithomi	0.69 4	P	Pg	02 40 49.9 -0.2
ITM	Ithomi	0.69 4	S	Pg	02 41 00.2 +1.0
ITM	Ithomi	0.69 4	P	Pg	02 40 49.9 -0.2
ITM	Ithomi	0.69 4	eSN	Pg	02 41 00.2 +1.0
VLI	Veliai	0.89 75	ePn	Pg	02 40 53.4 -0.4
VLI	Veliai	0.89 75	ePn	Pg	02 41 06.9 +1.4
VLI	Veliai	0.89 75	ePn	Pg	02 40 53.4 -0.4
VLI	Vlachokerasia	0.97 102	ePn	Pg	02 41 06.9 +1.4
VLI	Vlachokerasia	0.97 102	ePn	Pg	02 40 54.0 -1.2
VLI	Vlachokerasia	0.97 25	ePn	Pg	02 40 55.3 -0.1
VLI	Vlachokerasia	0.97 25	eSN	Pg	02 41 10.1 +2.0
VLI	Vlachokerasia	0.97 25	P	Pg	02 40 55.1 -0.3
VLI	Vlachokerasia	0.97 25	S	Pg	02 41 08.6 +0.5
VLI	Vlachokerasia	0.97 25	S	Pg	02 41 08.6 +0.5
DID	Didima	1.50 47	ePn	Pn	02 41 04.1 +0.5
DID	Didima	1.50 47	ePn	Pn	02 41 04.2 +0.6
DID	Didima	1.50 47	S	Pg	02 41 25.2 +0.3
DID	Didima	1.50 47	S	Pg	02 41 03.7 +0.1
GUR	Goura	1.50 15	ePn	Pg	02 41 04.4 -1.0
GUR	Goura	1.50 15	P	Pg	02 41 23.9 +0.7
GUR	Goura	1.50 15	ePn	Pn	02 41 03.7 +0.1
GUR	Goura	1.50 15	P	Pg	02 41 04.4 -1.0
RLS	Riolos of Patr	1.60 349	ePn	Pg	02 41 23.9 +0.7
RLS	Riolos of Patr	1.60 349	ePn	Pg	02 41 06.1 -1.3
LAKA	Lakka	1.75 3	P	Pg	02 41 06.7 -1.6
LAKA	Lakka	1.75 3	P	Pg	02 41 11.5 +1.9
LAKA	Lakka	1.75 3	S	Pg	02 41 08.7 -1.6
LAKA	Lakka	1.75 3	S	Pg	02 41 31.5 -1.6
LTK	Loutraki	1.77 29	ePn	Pn	02 41 08.7 -1.9
LTK	Loutraki	1.77 29	ePn	Pn	02 41 08.1 +0.8
LTK	Loutraki	1.77 29	P	Pg	02 41 08.7 -1.9
LTK	Loutraki	1.77 29	ePn	Pn	02 41 08.1 +0.8
LTK	Loutraki	1.77 29	ePn	Pn	02 41 08.7 -1.9
NAIG	Nisos Agina	1.82 45	ePn	Pn	02 41 33.5 -0.1
NAIG	Nisos Agina	1.82 45	ePn	Pn	02 41 09.3 -2.2
KALE	Kalitheia	1.92 6	P	Pg	02 41 11.5 +1.9
KALE	Kalitheia	1.92 6	P	Pg	02 41 08.7 -1.6
KALE	Kalitheia	1.92 6	P	Pg	02 41 11.5 +1.9
KALE	Kalitheia	1.92 6	P	Pg	02 41 36.0 -2.2
EFP	Efpalio	1.94 1	ePn	Pg	02 41 11.7 -2.1
EFP	Efpalio	1.94 1	P	Pg	02 41 06.3 +2.2
EFP	Efpalio	1.94 1	ePn	Pg	02 41 11.7 -2.1
EFP	Efpalio	1.94 1	ePn	Pg	02 41 11.1 +1.5
EFP	Efpalio	1.94 1	ePn	Pg	02 41 11.7 -2.1
VLS	Valsamata	1.97 329	ePn	Pn	02 41 11.1 +1.0
VLS	Valsamata	1.97 329	ePn	Pn	02 41 10.9 +0.0
VLS	Valsamata	1.97 329	ePn	Pn	02 41 11.1 +1.0
VLY	Voula, Athens	2.06 48	ePn	Pn	02 41 12.9 +1.6

Code	Station Name	A° AZ°	Phase ID	Time Res	h m s ISC
VLY	Voula, Athens	2.06 48	ePn	Pn	02 41 12.9 +1.6
VAM	Vamos	2.18 119	ePn	Pn	02 41 12.7 -0.2
VAM	Vamos	2.18 119	ePn	Pn	02 41 12.7 -0.2
PTL	Penteli	2.23 45	ePb	Pb	02 41 15.5 -1.6
PTL	Penteli	2.23 45	ePb	Pb	02 41 15.5 -1.6
LKR	Lokris	2.34 22	ePb	Pb	02 41 15.5 +0.4
LKR	Lokris	2.34 22	ePb	Pb	02 41 15.6 +0.4
AGG	Agios Georgios	2.56 8	ePn	Pn	02 41 18.8 +0.6
AGG	Agios Georgios	2.56 8	P	Pn	02 41 19.2 +1.0
AGG	Agios Georgios	2.56 8	S	Pn	02 41 52.0 +2.6
AGG	Agios Georgios	2.56 8	ePn	Pn	02 41 18.8 +0.6
AGG	Agios Georgios	2.56 8	S	Pn	02 41 52.0 +2.6
THL	Thessalonika	3.08 2	ePn	Pn	02 41 26.4 +1.1
THL	Thessalonika	3.08 2	ePn	Pn	02 41 26.4 +1.1
LIT	Litokhoron	3.64 8	ePn	Pn	02 41 34.7 +1.6
LIT	Litokhoron	3.64 8	ePn	Pn	02 41 34.7 +1.6
CEL	Celeste	5.08 292	ePn	Pn	02 41 48.3 -4.5
CEL	Celeste	5.08 292	ePn	Pn	02 41 48.3 -4.4

ISCJB 29 02:54:39.9.1.1, 36.39S, 0.08:71.3W, 0.3, h146km, 29km,
 Error ellipse: s-maj=35.8km s-min=13.3km az=3.9
 NEIC 29 02:54:40.7, 36.30S, 71.25W, h166km, MD3.4(GUC), After
 GUC
 GUC 29 02:54:40.7, 36.30S, 71.25W, h166km, 19km, MD3.4,
 ML4.0
 ISC 29 02:54:40.7, 1.2, 36.40S, 0.08:71.4W, 0.3, h146km, 32km,
 n14, r=0.649/25, 1C-5D, Central Chile

Code	Station Name	A° AZ°	Phase ID	Time Res	h m s ISC
CACH	El Canelo	2.36 16	iP	Pn	02 55 20.5 +0.6
CACH	El Canelo	2.36 16	iP	Pn	02 55 20.2 +0.6
LNV	Longovilo	2.43 359	iD	Pn	02 55 17.1 +2.9
LNV	Longovilo	2.43 359	iD	Pn	02 55 19.9 +0.2
LMEL	Las Melosas	2.71 21	eS	Pn	02 55 24.4 +0.2
LMEL	Las Melosas	2.71 21	eS	Pn	02 55 24.4 +0.2
LMEL	Las Melosas	2.71 21	eS	Pn	02 55 24.4 +0.2
LMEL	Las Melosas	2.71 21	eS	Pn	02 55 24.4 +0.2
TACH	Talagante	2.76 7	iP	Pn	02 55 24.9 +0.1
TACH	Talagante	2.76 7	iP	Pn	02 55 27.3 -1.5
PCH	Pirque	2.85 14	iP	Pn	02 55 26.2 +0.1
PCH	Pirque	2.85 14	iP	Pn	02 55 26.2 +0.1
ANTU	Antumapu	2.88 12	iS	Pn	02 56 01.6 0.0
ANTU	Antumapu	2.88 12	iS	Pn	02 56 03.7
LCHC	Las Cruces	2.92 357	iP	Pn	02 55 26.7 -0.1
LCHC	Cerro Caian	3.07 13	iP	Pn	02 55 27.1 +0.4
LCHC	Cerro Caian	3.07 13	iS	Pn	02 56 08.8 -0.1
LCHC	Cerro Caian	3.07 13	iS	Pn	02 56 08.8 -0.1
FCH	Farellones	3.19 16	eP	Pn	02 55 30.2 0.0
FCH	Farellones	3.19 16	eP	Pn	02 55 30.2 0.0
FCH	Farellones	3.19 16	eP	Pn	02 55 30.2 0.0
FCH	Farellones	3.19 16	eP	Pn	02 55 30.2 0.0
PEL	Peldehue	3.29 10	iP	Pn	02 55 31.9 +0.2
PEL	Peldehue	3.29 10	iP	Pn	02 56 11.1 0.0
PEL	Peldehue	3.29 10	iP	Pn	02 56 13.8
JACH	Jahuel	3.76 10	iS	Pn	02 55 37.1 -0.6
JACH	Jahuel	3.76 10	iS	Pn	02 55 47.3 -0.5
PLCA	Paso Flores	4.38 172	ePn	Pn	02 55 45.1 -0.6

IDC 29 02:55:15.2.5.0, 20.61S, 169.11E, h0km, mb4.4/4,
 mb1 4.6/4, mb1mx4.1/15, mbtmp4.4/4, Error ellipse:
 s-maj=179.9km s-min=40.0km az=149.0
 SZGRF 29 02:55:18.1, 20.77S, 171.21E, h33km, Vanuatu Islands
 region
 NOU 29 02:55:19.6.0.8, 20.03S, 168.47E, h10km, 999km, MD3.2,
 ML3.2
 ISC 29 02:55:21.5.3.4, 20.6S, 0.6:169.0E, 0.5, h41km, 38km, n18,
 r=0.549/4, mb4.4, Vanuatu Islands

Code	Station Name	A° AZ°	Phase ID	Time Res	h m s ISC
DZM	Mont Dzumac	2.84 238	ePn	Pn	02 56 03.8 -0.6
DZM	Mont Dzumac	2.84 238	ePn	Pn	02 56 36.7 -0.7
DZM	Mont Dzumac	2.84 238	ePn	Pn	02 56 40.8 -0.7
LASL	La Noue	2.85 234	eS	Pn	02 56 38.3 +0.7
NOUC	Port Laguerre	2.97 239	eS	Pn	02 56 06.5 +0.4
NOUC	Port Laguerre	2.97 239	eS	Pn	02 56 40.7 +0.2
NOUC	Port Laguerre	2.97 239	eS	Pn	02 56 41.1 +0.2
CTA	Charters Tower	21.38 267	P	P	03 00 06.1 +0.5
WRA	Warrungarra Ar	32.53 265	P	P	03 01 47.9 -0.9
ASAR	Alice Springs	32.65 258	P	P	03 01 49.8 0.0
SOMN	Somgino Array	88.17 323	P	P	03 08 08.4 +0.4
CLZ	Clausthal	144.64 337	ePKPbc	PKPdf	03 14 52.3 -1.2
TANN	Tannenbergrstha	144.95 334	ePKPbc	PKPdf	03 14 54.0 -0.1
WERN	Werra	144.99 334	ePKPbc	PKPdf	03 14 54.0 -0.1
GUNZ	Gunzen	145.04 334	ePKPbc	PKPdf	03 14 54.3 +0.6
W					

KULA Kula-Manisa 1.44 62 ePn Pn 03 10 16.1 +0.8

CSEM 29 03:22:43.3, 38.39N; 26.81W, h0km, ML2.1, After PDA PDA 29 03:22:43.3, 1.5, 38.39N; 26.81W, h0km, 8km, MD3.5, ML2.1, Error ellipse: s-maj=12.3km s-min=3.2km az=32.0, Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Angra Heroismo, Ribeirinha, Manadas, etc.

DJA 29 03:32:30.7, 82.5E; 129.25E, h209km, mb4.1/3, Banda Sea

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

IDC 29 03:45:36.1, 4.9, 24.1, 12S; 179.83E, h519km, 56km, mb3.4/9, mb1.3/6.10, mb1mx3.5/1.7, mbtmp3.4/1.0, Error ellipse: s-maj=30.3km s-min=2.1km az=13.0

NEIC 29 03:45:39.5, 3.5, 24.38S; 179.82E, h570km, 46km, mb4.2/1, Error ellipse: s-maj=43.4km s-min=16.5km az=186.0

ISC 29 03:47:1.4, 4.2, 42.5, 0.2, 179.82E, 12, h52km, 59km, n16, 0.5S2/1.4, mb3.8/1.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Urewera, Charters Tower, Stephens Creek, etc.

IDC 29 03:52:25.4, 8.1, 6.69S; 129.69E, h130km, 81km, mb3.8/3, mb1.3/8.6, mb1mx3.4/1.7, mbtmp3.7/6, MS2.3/1, Ms1 2.3/1, ms1mx1.9/2.3, Error ellipse: s-maj=54.7km s-min=25.5km az=4.0

ISCJB 29 03:52:26.8, 0.9, 6.79S; 0.06, 129.83E; 0.09, h153km, 13km, mb4.0/2, Error ellipse: s-maj=104.9km s-min=8.8km az=169.4

NEIC 29 03:52:26.7, 3.5, 6.56S; 130.16E, h142km, 32km, mb3.6/1, Error ellipse: s-maj=30.8km s-min=22.4km az=201.0

DJA 29 03:52:29.6, 1.61S; 129.94E, h130km, mb4.3/5

ISC 29 03:52:27.4, 0.9, 6.81S; 0.06, 129.74E; 0.09, h141km, 12km, n19, 1.9/23/25, mb4.0/2, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Tual, Ambon, Sorong, Kakadu, etc.

JHU 1.7nm, 0.3s, mb4.1, bazz=342, slow=9.9, SNR=10.0

Hachijo jima 2 40.84 13 LR 04 13 44.2

MKAR Makanchi Array 67.93 327 P 04 03 09.4 -1.6

ISCJB 29 04:03:17.2, 0.8, 51.44N; 0.04, 16.08E; 0.04, h0km, Error ellipse: s-maj=6.0km s-min=3.1km az=17.1

CSEM 29 04:03:18.2, 0.5, 51.47N; 16.08E, h2km, ML3.0/5, Error ellipse: s-maj=8.4km s-min=4.3km az=4.0

WAR 29 04:03:19.5, 4.51, 48N; 16.09E, ML2.4, Mining Induced PRU 29 04:03:19.5, 5.1, 44N; 16.10E, h0km

ISC 29 04:03:18.3, 0.8, 51.47N; 0.04, 16.10E; 0.04, h0km, n27, 0.875/53, 1D, Poland

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

DHMR 29 04:07:41.3, 0.6, 11.77N; 42.90E, h8km, 6km, ML3.5, 1D, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TRBA, At Turbah, ZUQR, Zugar Island, etc.

BUI 29 04:13:40.4, 43.50N; 126.80W, h10km, mb4.9/6, mb4.4/3, Ms4.5/4, Ms7.4/1.4

IDC 29 04:13:44.3, 1.8, 43.58N; 126.40W, h0km, mb3.7/5, mb1.3/9.1/1, mb1mx3.7/3.0, mbtmp3.7/1.1, MLJ-3.6/5.9, Ms1.3/5.9, ms1mx3.0/3.3, Error ellipse: s-maj=36.4km s-min=11.7km az=52.0

NEIC 29 04:13:44.5, 0.8, 43.47N; 126.81W, h10km, mb4.1/9, Error ellipse: s-maj=10.2km s-min=4.8km az=78.0

ISC 29 04:13:46.0, 1.5, 43.47N; 0.03, 126.92W; 0.06, h3 km, 12km, n17, 0.9/11/22, mb4.0/8, MS3.7/9, Off coast of Oregon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KEBM, Edson Butte, TAKO, Tahenikht, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MTMW, Mount Mitchell, HSR, South Ridge, WDC, Whiskeytown Da, etc.

Table with 4 columns: CD2, GYA, comp-Z, 30nm, 7.0s, pmax, pmax, 04 27 03.8 -1.1

ISCJB 29 04:20:05.3:1.3, 34:27N:0.05:25.84E:0.08, h30km, 15km, Error ellipse: s-maj=12.1km s-min=6.6km az=158.0

CSEM 29 04:20:51.6:1.3, 34:39N:25.78E, h30km, MD3.3, Error ellipse: s-maj=9.8km s-min=5.1km az=68.0

NEIC 29 04:20:51.9, 34:39N:25.58E, h30km, MD3.3(ATH), After ATH.

ATH 29 04:20:51.9, 34:39N:25.58E, h30km, 4km, MD3.3/6

HLW 29 04:20:54.0, 34:20N:26.03E, h30km, 34km, MD3.1, M12.7

ISC 29 04:20:51.2:1.6, 34:29N:0.04:25.72E:0.08, h26km, 16km, n30, c0598/34, Crete

Main station list table for Crete region with columns: Code, Station Name, Az, Phase ID, Time, Res

DHMR 29 04:43:26.8:1.1, 11:77N:42:93E, h10km, ML3.6, 3C, Ethiopia

Main station list table for Ethiopia region with columns: Code, Station Name, Az, Phase ID, Time, Res

CSEM 29 05:15:50.8, 34:36N:25:60E, h5km, MD3.5, After ATH

NEIC 29 05:15:50.8, 34:36N:25:60E, h5km, MD3.5(ATH), After ATH.

ATH 29 05:15:49.6, 34:29N:25:63E, h5km, MD3.5, Crete

Main station list table for Crete region with columns: Code, Station Name, Az, Phase ID, Time, Res

TEH 29 05:20:32.5, 39:59N:45:85E, h10km

NSSP 29 05:20:33.0, 40:32N:45:83E, h5km, Ms3.6

MOS 29 05:20:35.8:1.3, 40:16N:45:87E, h15km, mb4.5/16, Error ellipse: s-maj=8.0km s-min=5.2km az=99.8

IDC 29 05:20:36.2:1.0, 40:10N:45:81E, h0km, mb3.7/11, mb1.3/8/13, mb1.3/7/6, mb1.3/7/13, ML3.2/2, MS2.8/2, Ms1.2/2, ms1mx2.4/36, Error ellipse: s-maj=30.2km s-min=7.3km az=156.0

NEIC 29 05:20:36.5:0.4, 40:18N:45:79E, h10km, mb3.9/7, ML3.7(NSSP), Error ellipse: s-maj=11.7km s-min=6.6km az=179.0

ISCJB 29 05:20:37.2:0.5, 40:10N:0.03:45:85E:0.02, h28km, 5km, az=19.2

CSEM 29 05:20:37.5:0.2, 40:24N:45:89E, h10km, mb3.9/16, ML3.9, Error ellipse: s-maj=6.6km s-min=4.3km az=29.0

NCC 29 05:20:40.8:1.0, 40:11N:46:79E, h0km, mb3.6, Error ellipse: s-maj=11.8km s-min=6.2km az=103.0

ISC 29 05:20:37.5:0.6, 40:14N:0.03:45:84E:0.02, h13km, 5km, n201, c1943/235, mb3.7/26, 25C-27D, Eastern Caucasus

Main station list table for Eastern Caucasus region with columns: Code, Station Name, Az, Phase ID, Time, Res

Main station list table for Middle East region with columns: Code, Station Name, Az, Phase ID, Time, Res

Main station list table for Middle East region with columns: Code, Station Name, Az, Phase ID, Time, Res

29d 5h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like CHG Chiang Mai, IMP Impal, RSO Redoubt South, etc.

2008 APR

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like RAMN Ramite, RAMN Ramite, GUN Gumba, etc.

1374

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like FRIM, BHK, THN, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like CTAO, WRAB, WB2, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like COR, C07A, B08A, etc.

29d 5h

2008 APR

1378

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GRAC, N14A, I18A, O13A, M15A, K17A, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GKP, P14A, EDW2, N16A, MYA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ULM, T13A, U12A, MVU, MSU, etc.

29d 5h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like TKR Tekirdag, TOO Toolangi, X16A Lo Mia Camp, etc.

2008 APR

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like BALB Balikesir, KSDI Kefar Szold, KHAL Karahalli, etc.

1380

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like BLCB Balcova, KCHD Kalmit, SCHO Schefferville, etc.

29d 5h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Mary Lane Ranch, La Foret Royal, Simiane la Rot, etc.

2008 APR

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Wyandotte Cave, Arta Tunnel, WCI, etc.

1382

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

29d 6h

Table of station data for 29d 6h, including columns for station name, frequency, power, and other technical details.

2008 APR

Table of station data for 2008 APR, including columns for station name, frequency, power, and other technical details.

1384

Table of station data for 1384, including columns for station name, frequency, power, and other technical details.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Paso Flores, Villa Florida, Stephens Creek, etc.

TAP 29 09:13:21.8, 22.929N, 120.99E, h6km, ML3.8, C
ISCJB 29 09:13:22.7, 0.2, 22.93N, 0.01, 121.03E, 0.02, h10km,
Error ellipse: s-maj=1.6km s-min=1.6km az=13.2

NEIC 29 09:13:22.5, 1.0, 22.97N, 121.02E, h10km, Error ellipse:
s-maj=15.3km s-min=9.5km az=80.0

ISC 29 09:13:22.8, 0.2, 22.93N, 0.01, 121.04E, 0.02, h10km, n63,
e1919/117, 13D, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Pinlang, Taitung, Lidau, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Hsiaoliuchi, CHNH, WKG, etc.

KRSC 29 09:21:21.6, 1.0, 51.23N, 158.49E, h10km, 10km, ML3.9,
Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like RUS, MIPR, PET, etc.

SKO 29 09:24:10.3, 39.75N, 20.53E, h0km
ISCJB 29 09:24:11.4, 1.5, 39.83N, 0.05, 20.62E, 0.09, h2km, 14km,
Error ellipse: s-maj=11.4km s-min=7.6km az=12.4

CSEM 29 09:24:11.8, 0.2, 39.79N, 20.57E, h8km, MD3.2, Error
ellipse: s-maj=7.6km s-min=6.5km az=96.0

ATH 29 09:24:12.9, 39.69N, 20.59E, h10km, MD3.2/3
ISC 29 09:24:11.8, 1.2, 39.80N, 0.05, 20.59E, 0.08, h8km, 12km,
n10, e054/14, Greece-Albania border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like JAN, KEK, FNA, etc.

IDC 29 09:34:52.6, 16.0, 1.50S, 122.37E, h0km, mb3.9/3,
mb1 4.1/3, mb1mx3.6/18, mbtmp3.9/3, Error ellipse:
s-maj=270.7km s-min=193.3km az=176.0, Sulawesi

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like WRA, ASAR, STKA.

DHMR 29 09:40:29.8, 1.1, 11.71N, 42.92E, h9km, gkm, ML3.9, 6D,
Ethiopia

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like TRBA, ZUQR, UDYN, etc.

ISCJB 29 09:46:13.6, 0.5, 62.0N, 0.1, 161.69E, 0.09, h10km,
mb3.9/20, Error ellipse: s-maj=15.6km s-min=5.7km
az=169.4

MOS 29 09:46:13.3, 0.9, 61.87N, 161.78E, h13km, mb4.3/8, Error
ellipse: s-maj=18.4km s-min=14.9km az=80.9

NEIS 29 09:46:13.3, 61.95N, 161.75E, h8km,
IDC 29 09:46:13.2, 0.8, 61.83N, 161.74E, h0km, mb3.8/14,
mb1 3.2/2, ms1mx2.6/43, Error ellipse: s-maj=27.2km
s-min=15.2km az=170.0

NEIC 29 09:46:15.0, 0.5, 61.81N, 161.75E, h10km, mb4.3/7, Error
ellipse: s-maj=14.2km s-min=8.4km az=172.0

ISC 29 09:46:15.6, 0.5, 61.9N, 0.1, 161.71E, 0.09, h10km, n53,
e1908/55, mb3.9/20, Eastern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like OMS, SEY, TLAR, etc.

Mu-0.01±.02; Mu-0.08±.01; Best double couple:
 M1: 0.9600x10¹⁷ N1: 0.86.00000; S2: 28.00000;
 λ-98.00000; NP2: 0.275.00000; ρ62.00000;
 λ-86.00000; Principal axes: T 1.1270, P1: 7.0000,
 Azm2.0000; N -0.0620, P1: 4.0000, Azm3.0000; P
 -1.0660, P1: 72.0000, Azm1: 94.0000; nsta1 refers to
 body waves, cutoff=40s. nsta2 refers to surface waves,
 cutoff=50s.
 NEIC 29 10:56:44.2±0.4, 18.65N:101.08W, h76km, 3km, mb5.3/235,
 MD5.4(MEX) Error ellipse: s-maj=4.6km s-min=2.6km
 az=22.0
 NEIC Feit [11] at Zihuatanejo. Also felt at Huixquilucan, Ixtapa,
 Jiutepec, Lazaro Cardenas, Mexico, Morelia and
 Paracuaro.
 MOS 29 10:56:44.5±0.1, 18.82N:101.06W, h83km, mb5.4/95,
 MS4.6/16, Error ellipse: s-maj=6.0km s-min=3.7km
 az=81.7
 MEX 29 10:56:44.2±1.3, 18.42N:101.14W, h49km, 33km, MD5.4
 ISC 29 10:56:42.5±0.1, 18.49N:102.10114W, 0.02, h65km,
 h65km, 2.7km, p-P, n1144, c1503/1093, mb5.2/288,
 226C-227D, Guerrero

Code	Station Name	Δ°	AZ°	Phase ID	ISC Op	Time	Res
ZIIG	Zihuatanejo	0.93	200	IP	S	10 56 58.3	-1.7
ZIIG	Zihuatanejo			IS	S	10 57 10.4	-2.5
ZIIG	Zihuatanejo	0.93	200	IP	S	10 56 58.3	-1.7
ZIIG	Zihuatanejo			IS	S	10 57 10.4	-2.5
MOIG	Morelia	1.18	358	IP	S	10 57 19.9	+1.5
MOIG	Morelia	1.18	358	IP	S	10 57 02.9	-0.2
MOIG	Morelia			IS	S	10 57 19.9	+1.5
MEIG	Mezcala	1.55	111	IP	S	10 57 08.6	+0.6
MEIG	Mezcala			IS	S	10 57 25.2	-2.7
PLIG	Platanillo	1.55	93	IP	S	10 57 17.4	+0.9
PLIG	Platanillo			IS	S	10 57 24.7	-2.6
CAIG	El Cayaco	1.66	150	IP	S	10 57 08.6	-0.9
CAIG	El Cayaco			IS	S	10 57 27.7	-4.1
CHVM	Chichinautzin	1.66	72	eP	S	10 57 25.7	-4.1
CHVM	Chichinautzin			IS	S	10 57 15.9	+1.8
CHVM	Chichinautzin	1.94	72	eP	S	10 57 40.7	+3.2
UNM	Universidad Na	2.03	65	IP	S	10 57 16.0	+1.5
UNM	Universidad Na			IS	S	10 57 39.7	+0.9
MMIG	Aguila	2.11	265	IP	S	10 57 14.7	-0.8
MMIG	Aguila			IS	S	10 57 39.2	-1.5
PPM	Popocatepetl	2.44	76	eP	S	10 57 22.1	+2.1
PPM	Popocatepetl			IS	S	10 57 56.4	+7.5
PPM	Popocatepetl	2.44	76	eP	S	10 57 22.1	+2.1
PPM	Popocatepetl			IS	S	10 57 48.5	+0.4
DEIG	Demacu	2.68	47	IP	S	10 57 23.7	+0.4
DEIG	Demacu			IS	S	10 57 55.4	+0.8
TPIG	Tehuacan	3.58	91	IP	S	10 57 37.3	+1.7
TPIG	Tehuacan			IS	S	10 57 17.4	+0.7
LVIG	Laguna Verde	4.63	74	IP	S	10 57 50.6	+0.8
LVIG	Laguna Verde			IS	S	10 58 43.6	+1.3
LVIG	Laguna Verde	4.63	74	IP	S	10 57 50.6	+0.8
LVIG	Laguna Verde			IS	S	10 58 43.6	+1.3
HUIG	Huatulco	5.52	119	IP	S	10 59 04.2	+2.1
HUIG	Huatulco			IS	S	10 59 01.1	-3.2
HUIG	Huatulco	5.52	119	IP	S	10 59 04.2	+2.1
HUIG	Huatulco			IS	S	10 59 01.1	-3.2
CMIG	Matias Romero	6.12	102	P	S	10 58 11.8	+1.5
CMIG	Matias Romero	23nm, 0.3s, baz=267, slow=10, SNR=452		S	S		
CMIG	Matias Romero	73nm, 0.3s, baz=84, slow=18, SNR=2.9		S	S	10 59 15.4	-3.5
CMIG	Matias Romero	comp=Z, 4um, 20.8s, baz=273, slow=41	LR	LR		11 00 55.6	
CMIG	Matias Romero	6.12	102	IP	S	10 58 12.2	+1.9
CMIG	Matias Romero			IS	S	10 59 15.4	-3.5
CMIG	Matias Romero			IS	S	10 59 22.7	+3.8
CMIG	Matias Romero			IS	S	10 59 22.7	+3.8
CMIG	Matias Romero	6.12	102	IP	S	10 58 12.2	+1.9
CMIG	Matias Romero			IS	S	10 59 21.6	+2.9
CMIG	Matias Romero			IS	S	10 59 16.0	+1.7
APG	El Apazote	10.79	107	P	S	10 59 21.6	+2.9
APG	El Apazote	8.9nm, 0.3s, baz=318, slow=12, SNR=89		S	S	10 59 16.0	+1.7
APG	El Apazote	2.6nm, 0.3s, baz=65, slow=17, SNR=2.4		S	S	11 01 10.1	-3.4
TXAR	Lajas Array	11.04	348	P	S	10 59 16.0	-1.6
TXAR	Lajas Array	1.7nm, 0.3s, baz=160, slow=15, SNR=210	LR	LR		11 04 03.4	
628A	Black Gap, Mar	11.06	352	IP	Pn	10 59 20.4	+2.5
627A	Terlingua Ranc	11.10	350	IP	Pn	10 59 20.8	+2.3
626A	Big Bend Ranc	11.35	347	IP	Pn	10 59 24.4	+2.6
528A	Cox Ranch, San	11.71	353	IP	Pn	10 59 29.1	+2.3
527A	Woodward Ranch	11.82	349	IP	Pn	10 59 30.2	+2.0
526A	Mary Lane Ranc	11.83	347	IP	Pn	10 59 30.6	+2.3
SBSL	San Blas	11.99	111	eP	Pn	10 59 36.6	+6.0
JCT	Union City	12.00	6	eP	Pn	10 59 31.9	+1.3
428A	Kincaid Ranch	12.26	354	IP	Pn	10 59 37.4	+3.2
HKT	Hockley	12.39	22	eP	Pn	10 59 35.3	-0.6
HKT	Hockley	comp=Z, 400nm, 1.5s		ePn	Pn	10 59 35.3	-0.6
426A	McDonald Ouser	12.40	348	IP	Pn	10 59 38.6	+2.5
427A	Hayter Ranch,	12.47	351	IP	Pn	10 59 39.5	+2.3
425A	Indio Mountain	12.73	345	IP	Pn	10 59 42.5	+1.8
328A	Wristen Ranch,	12.92	354	IP	Pn	10 59 45.1	+1.9
327A	Balmorhea Ranc	13.00	351	IP	Pn	10 59 46.4	+2.1
326A	Caldwell Ranch	13.03	349	IP	Pn	10 59 46.7	+2.0
325A	Bean Ranch, Si	13.29	346	IP	Pn	10 59 49.8	+1.7
324A	Moseley Ranch,	13.48	344	IP	Pn	10 59 51.6	+0.8
227A	Bennet, Jal	13.60	352	IP	Pn	10 59 53.4	+1.0
MNTX	Cornudas Mount	13.70	345	ePn	Pn	10 59 54.5	+0.8
226A	Malaga, Loving	13.77	349	IP	Pn	10 59 56.4	+1.8
CLNB	Carlsbad	13.94	350	ePn	Pn	10 59 57.0	+0.3
GDL2	Guadalupe Mount	13.96	349	ePn	Pn	10 59 59.1	+2.0
225A	Deer Hill, Car	13.96	347	IP	Pn	10 59 58.7	+1.6
TGUH	Tegucigalpa, Un	14.02	106	ePn	Pn	11 00 01.7	+3.7
224A	Corundas Mount	14.09	345	IP	Pn	11 00 00.1	+1.2
127A	Arkansas Junc	14.27	352	IP	Pn	11 00 01.8	+0.7
223A	Chaparral, Ant	14.28	341	IP	Pn	11 00 02.5	+1.2
126A	Clayton Basin,	14.33	350	IP	Pn	11 00 02.9	+0.9
320A	Kipp Ranch, An	14.43	334	IP	Pn	11 00 04.7	+1.4
NATX	Nacogdoches	14.45	23	ePn	Pn	11 00 03.2	-0.3
125A	Gardner Draw,	14.46	348	IP	Pn	11 00 04.7	+1.0
222A	Williams Famil	14.58	339	IP	Pn	11 00 06.4	+1.1
124A	Stringfield Ra	14.67	345	IP	Pn	11 00 08.3	+1.8
CPRX	Cap Rock	14.68	351	ePn	Pn	11 00 07.1	+0.5
221A	Mesquite Ranc	14.73	337	IP	Pn	11 00 08.5	+1.3
319A	Douglas	14.79	332	IP	Pn	11 00 09.2	+1.1
227A	Tatum	14.88	353	IP	Pn	11 00 09.2	+0.1
220A	Playas Peak, P	14.93	335	IP	Pn	11 00 11.1	+1.3

Z26A	Caprock	14.94	351	IP	Pn	11 00 10.0	+0.1
Z25A	Roswell	15.07	348	IP	Pn	11 00 12.0	+0.4
122A	Conniff Cattle	15.10	341	IP	Pn	11 00 13.2	+1.3
318A	Bisbee	15.18	330	IP	Pn	11 00 13.9	+0.9
121A	Cookes Peak, D	15.21	338	IP	Pn	11 00 14.6	+1.2
219A	White Tail Can	15.23	333	IP	Pn	11 00 16.0	+1.2
Y27A	Causey	15.44	354	IP	Pn	11 00 16.0	-0.3
MSTX	Muleshoe	15.48	355	IP	Pn	11 00 16.7	-0.2
120A	U Bar Ranch, L	15.54	331	IP	Pn	11 00 19.0	+1.4
APYN	Apoeyco	15.55	111	eP	Pn	11 00 22.8	+4.9
Y26A	Elida	15.55	352	IP	Pn	11 00 17.6	-0.2
Z22A	Elephant Butte	15.60	342	IP	Pn	11 00 19.8	+1.3
218A	Dragoon	15.65	331	IP	Pn	11 00 20.0	+1.0
MGAN	Managua	15.68	112	eP	Pn	11 00 21.2	+1.6
Y25A	Mesa, Roswell	15.69	349	IP	Pn	11 00 20.1	+0.5
Y24A	Capitan	15.84	347	IP	Pn	11 00 22.8	+1.4
217A	Green Valley	15.85	328	IP	Pn	11 00 22.5	+0.9
Z21A	St. Cloud Mine	15.88	340	IP	Pn	11 00 23.4	+1.5
Y23A	Lovelace Mesa,	15.99	345	IP	Pn	11 00 24.8	+1.5
119A	Aspæk Ranch,	16.00	334	IP	Pn	11 00 24.7	+1.3
Z20A	Nine Sixteen R	16.02	337	IP	Pn	11 00 25.0	+1.3
BOAB	BOAC BROADBANK	16.07	110	eP	AMB	11 00 26.8	+2.4
BOAB	BOAC BROADBANK	comp=Z, 77nm, 1.5s		AMB	AMB	11 00 53.5	
118A	Homack Ranch,	16.17	332	IP	Pn	11 00 27.0	+1.3
X27A	F and S Farms,	16.18	354	IP	Pn	11 00 25.6	-0.2
Y22A	Socorro	16.24	342	IP	Pn	11 00 28.0	+1.6
TUC	Tucson	16.27	330	ePn	Pn	11 00 27.5	+0.6
TUC	Tucson	comp=Z, 119nm, 1.1s		ePn	Pn	11 00 27.5	+0.6
TUC	Tucson	comp=Z, 119nm, 1.1s		eS	S	11 03 36.6	+0.7
X25A	Clemmons Ranch	16.28	350	IP	Pn	11 00 27.2	+0.3
WMOK	Wichita Mounta	16.32	7	eP	Pn	11 00 25.7	-1.7
WMOK	Wichita Mounta	comp=Z, 129nm, 1.2s		ePn	Pn	11 00 25.7	-1.7
AMTX	Amarillo	16.33	358	ePn	Pn	11 00 27.5	-0.1
BND	Barren Site	16.35	344	ePn	Pn	11 00 29.4	+1.6
Y22D	IRIS PASSCAL I	16.36	343	IP	Pn	11 00 30.3	+2.3
216A	Three Points,	16.36	327	IP	Pn	11 00 29.1	+1.1
Z19A	T-Link Ranch,	16.44	335	IP	Pn	11 00 30.3	+1.3
LENM	Lemitar	16.46	343	eP	Pn	11 00 30.9	+1.7
215A	Bealton	16.46	347	IP	Pn	11 00 30.2	+1.0
117A	Oracle	16.47	330	IP	Pn	11 00 30.6	+1.2
LPM	Los Pinos Moun	16.50	344	eP	Pn	11 00 31.3	+1.6
Y21A	Point of Rocks	16.52	341	IP	Pn	11 00 32.1	+2.2
Z18A	Geronimo	16.58	333	IP	Pn	11 00 32.3	+1.6
X23A	Hourglass Bar	16.64	345	IP	Pn	11 00 33.2	+1.7
Y20A	Horse Springs,	16.66	339	IP	Pn	11 00 33.6	+1.8
VBMS	Vicksburg	16.68	33	eP	Pn	11 00 31.2	-0.8
VBMS	Vicksburg	comp=Z, 316nm, 1.4s		eS	S	11 03 38.9	-5.4
LAZ	Ladron	16.73	343	IP	Pn	11 00 34.4	+1.9
X22A	Bernardo	16.79	343	IP	Pn	11 00 35.7	+2.4
W25A	X Bar L Ranch,	16.92	351	IP	Pn	11 00 35.1	+0.2
116A	Glor	16.93	328	IP	Pn	11 00 35.9	+0.8
Z17A	San Carlos Hig	16.95	332	IP	Pn	11 00 36.8	+1.5
X21A	Atacamita Cree	16.96	341	IP	Pn	11 00 37.5	+2.1
Y19A	Nutrioso	17.02	336	IP	Pn	11 00 38.2	+2.0
214A	Organ Pipe Nat	17.05	324	IP	Pn	11 00 37.7	+1.2
ANMO	Albuquerque	17.06	345	eP	Pn	11 00 38.2	+1.5
ANMO	Albuquerque	comp=Z, 257nm, 1.2s		ePn	Pn	11 00 38.5	+1.8
ANMO	Albuquerque	comp=Z, 1.1nm, 0.3s, baz=157, slow=12, SNR=148	LR	LR		11 07 49.5	
ANMO	Albuquerque	comp=Z, 6um, 19.6s, baz=343, slow=40		eP	Pn	11 00 38.2	+1.5
VCR	Vista de Mar	17.16	117	eP	Pn	11 00 44.5	+6.4
Y18A	Canyon Day Jun	17.18	334	IP	Pn	11 00 39.7	+1.6
W23A	Werner Place,	17.19	346	IP	Pn	11 00 39.9	+1.7
X20A	Quemado	17.28	339	IP	Pn	11 00 41.5	+2.1
W22A	Albuquerque	17.28	344	IP	Pn	11 00 41.9	+2.6

29d 10h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YKLD, YKA, YKLA, etc.

2008 APR

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like EFK, ESK, ESKA, etc.

1392

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MAW, BOSHA, LVC, SBA, LPAZ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IDC, NOUNC, WARRAMUNGA ARR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CSEM, ADH, PSET, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PSET, PDA, PMA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMA, ROSA, PICO, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMA, PSMA, PSMN, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BODT, MLSS, DAT, etc.

ISCJB 29 12:47:24.4, 0.9, 39.15N, 0.04:27.7E, 0.1, h10km, Error ellipse: s-maj=1.1km s-min=5.0km az=161.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKHS, BALLY, BLCB, etc.

ISCJB 29 12:52:17.1, 0.4, 24.06N, 0.02:122.05E, 0.02, h20km, 4km, Error ellipse: s-maj=3.9km s-min=2.4km az=140.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TWD, TWD, HWA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ENA, ENA, ENL, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WHF, WHF, ILA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TWT, TWT, NSK, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NSK, EHY, TWT, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TCU, WNT, WNT, etc.

NEIC 29 12:52:42.3, 16.91N, 100.19W, h14km, MD3.7(MEX), After MEX.

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

WEL 29 12:58:06.0, 0.7, 37.25S, 177.21E, h149km, 3km, ML3.6/12, Error ellipse: s-maj=6.3km s-min=6.3km az=0.0, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like URZ, URZ, PRZ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZUQR, ZUQR, ZUQR.

29d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res. Includes stations like UDYN Al Udayn, LBOS Dhamar BB, etc.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res. Includes stations like MRSI Marisa, SGSI Sangihe, MNI Manado, etc.

2008 APR

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res. Includes stations like MNSI Mandailing Nat, PSI Prapat, WRSI Saibi, etc.

1396

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC, Res. Includes stations like KNZ Naumi, NMHZ Naumi, BKZ Black Stump Fm, etc.

WEL 29 13:26:07.2, 0.3, 45.455x166.67E, h12km, ML3.8/13, 5D, Error ellipse: s-maj=2.6km s-min=1.9km az=90.0, Off west coast of South Island

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

ISCJB 29 13:26:24.1, 0.5, 44.776S, 0.09, 35.8E, 0.2, h10km, mb4.2/13, MS3.7/14, Error ellipse: s-maj=20.7km s-min=9.6km az=149.0

IDC 29 13:26:24.3, 0.6, 44.825S, 0.35, 93E, h0km, mb4.3/13, Mb1 4.4/14, mb1mx4.2/22, mbtmp4.3/14, ML3.9/1, MS3.7/16, Ms1 3.7/16, ms1mx3.6/26, Error ellipse: s-maj=27.5km s-min=14.2km az=54.0

NEIC 29 13:26:25.9, 0.3, 44.717S, 35.85E, h10km, mb3.9/3, Error ellipse: s-maj=1.8km s-min=7.9km az=56.0

ISC 29 13:26:25.8, 0.5, 44.765S, 0.09, 35.8E, 0.2, h10km, n41, 0.85/21, mb4.2/13, MS3.7/14, Prince Edward Islands Regio

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

IDC 29 13:22:42.1, 24.0, 32.56S, 179.64E, h33km, 219km, mb3.8/3, mb1 3.9/3, mb1mx3.3/15, mbtmp3.8/3, Error ellipse: s-maj=123.1km s-min=22.4km az=55.0

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

29d 15h

Table with columns: BVAR, Borovoye Array, 64.53 329 P, 0.2nm, 0.4s, mb3.5, baz=20, slow=4, SNR=2.8

ISK 29 14:55:14.4, 40.20N, 26.89E, h5km, MD3.3
DDA 29 14:55:14.6, 40.16N, 26.93E, h7km, 5km, Md3.7, Mi3.7
ATH 29 14:55:14.9, 40.19N, 26.91E, h10km, MD3.4/3

ISCJBJ 29 15:02:51.4, 0.2, 3.24, 53N, 0.04, 97.70E, 0.05, h10km, mb4.1/23, MS3.5/9, Error ellipse: s-maj=2.7km s-min=2.7km az=171.0

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

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

ISCJBJ 29 15:02:51.4, 0.2, 3.24, 53N, 0.04, 97.70E, 0.05, h10km, mb4.1/23, MS3.5/9, Error ellipse: s-maj=2.7km s-min=2.7km az=171.0

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

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

ISCJBJ 29 15:05:29.1, 2.4, 13.7N, 0.2, 4.0E, 0.1, h4km, 14km, Error ellipse: s-maj=34.0km s-min=16.7km az=150.9

ISCJBJ 29 15:05:32.6, 2.1, 14.1N, 0.3, 6.6E, h0km, mb3.6/1, mb1 3.6/3, mb1 mx3.2/5, mbtmp3.6/3, ML3.7/1, Error ellipse: s-maj=37.0km s-min=16.0km az=139.0

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

ISCJBJ 29 15:16:08.9, 1.3, 25.6S, 0.3, 70.0E, 0.2, h10km, mb3.7/12, MS3.8/4, Error ellipse: s-maj=40.4km s-min=19.3km az=30.6

ISCJBJ 29 15:16:09.2, 1.5, 25.5S, 0.3, 69.91E, h0km, mb3.8/11, mb1 3.9/11, mb1 mx3.8/23, mbtmp3.8/11, MS3.8/4, Ms1 3.8/4, ms1 mx3.2/27, Error ellipse: s-maj=48.2km s-min=29.2km az=31.0

ISCJBJ 29 15:16:10.7, 0.9, 25.5S, 0.3, 69.93E, h10km, mb3.9/1, Error ellipse: s-maj=29.2km s-min=13.8km az=310.0

ISCJBJ 29 15:16:10.9, 1.3, 25.6S, 0.3, 69.9E, 0.2, h10km, n14, 0.5JN12, mb3.7/12, MS3.8/4, Indian Ocean Triple Junction

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

ISCJBJ 29 15:33:53.4, 3.0, 21.48S, 169.18E, h0km, mb3.8/5, mb1 4.0/5, mb1 mx3.9/14, mbtmp3.8/5, Error ellipse: s-maj=105.2km s-min=35.7km az=142.0

ISCJBJ 29 15:34:01.0, 3.4, 21.48S, 169.08E, h52km, 25km, Error ellipse: s-maj=30.9km s-min=24.0km az=72.0

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

1398

29d 18h

CSEM 29 17:55:19.8,0.3,38.47N-20.51E, h20km, MD3.6, Error ellipse: s-maj=8.3km s-min=4.8km az=50.0

NEIC 29 17:55:19.5,38.50N-20.62E, h22km, MD3.6(ATH), After ATH.

ATH 29 17:55:19.5,38.50N-20.62E, h22km, MD3.6/4

ISC 29 17:55:19.6,0.6,38.54N,0.03,20.56E,0.04, h8km,4km, n43,c083/64, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like VLS Valsamata, KFL Anninata, RLS Riolos of Patr, etc.

DHMR 29 17:57:17.1,1.6,11.69N,42.95E, h3km,2.1km, ML3.5,3D, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like TRBA At Turbah, ZUOR Zugar Island, etc.

NEIC 29 17:58:36.3, 16.54N-98.94W, h20km, MD4.2(MEX), After MEX

MEX 29 17:58:35.0,0.4, 16.55N-98.94W, h6km,4km, MD4.2, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PNIG Pinotepa, ACX Acapulco, etc.

2008 APR

Table with columns: PVTM, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Pico Tres Padr, Organos, Matias Romero.

ISC 29 18:04:14.5,2.4,20.34S,168.90E, h26km,6km, mb4.0/5, mb1 4.2/5, mb1mx3.9/14, mbtmp4.0/5, Error ellipse: s-maj=81.1km s-min=27.4km az=144.0

NEIC 29 18:04:15.1,1.1,20.44S,168.94E, h35km, mb4.7/3, Error ellipse: s-maj=44.3km s-min=14.9km az=141.0

ISC 29 18:04:15.0,4.7,20.15S,0.3,168.5E,0.5, h13km,37km, h28km,5km, p-P,n18,0,0551/16, mb4.3/7, Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like DZM Mont Dzumac, NUCZ Port Laguerre, etc.

NEIC 29 18:05:01.9, 17.81N-100.17W, h54km, MD3.7(MEX), After MEX

MEX 29 18:05:01.9,0.7, 17.81N-100.17W, h54km,2.7km, MD3.7, Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MEIG Mezcala, CAIG El Cayaco, etc.

ISC 29 18:20:27.0,2.0,2.44N,95.65E, h0km, mb3.4/5, mb1 3.5/7, mb1mx3.4/24, mbtmp3.4/7, ML3.3/2, Error ellipse: s-maj=60.9km s-min=21.2km az=56.0

ISCJB 29 18:20:33.0,2.1,2.59N,0.07,96.0E,0.1, h53km,20km, mb3.4/5, Error ellipse: s-maj=22.1km s-min=11.7km az=171.5

NEIC 29 18:20:32.5,1.0,2.50N,95.78E, h35km, Error ellipse: s-maj=20.0km s-min=11.7km az=47.0

DJA 29 18:20:37.2,53N,96.37E, h10km, MLV3.7/4, Error ellipse: s-maj=22.2,2.54N,0.07,95.9E,0.1, h43km,20km, n15, c0559/16, mb3.4/5, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like GSI Gunungsitoli, LHM Lhok Sumawe, etc.

1400

ISC 29 18:22:57.0,4.0,5,40.52N,0.03,27.80E,0.04, h12km,5km, n30,c050/42, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like EDC Edincik, BNT Bandirma, etc.

CSEM 29 18:22:04.9,38.20N-26.65W, h0km, ML3.1, After PDA

PDA 29 18:22:04.9,0.8,38.20N-26.65W, h0km,4km, MD3.6, ML3.1, Error ellipse: s-maj=7.3km s-min=1.6km az=33.0, Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ADH Angra Heroismo, PSET Sete Cidades, etc.

ISC 29 18:28:03.7,0.8,8.43N,126.50E, h31km,5km, mb4.0/1/4, mb1 4.1/14, mb1mx4.0/21, mbtmp4.0/14, MS3.4/0, Ms1 3.4/10, ms1mx3.2/34, Error ellipse: s-maj=27.1km s-min=12.1km az=78.0

ISCJB 29 18:28:06.3,0.7,8.42N,0.03,126.58E,0.05, h75km,5km, mb4.3/38, Error ellipse: s-maj=9.2km s-min=4.7km az=167.2

MAN 29 18:28:07.8,44N,126.53E, h21km, mb5.2, ML4.1, MS4.3, MAN INTENSITY II - LIANGA SURIGAO DEL SUR

NEIC 29 18:28:08.3,1.2,8.38N,126.56E, h81km,12km, mb4.3/21, Error ellipse: s-maj=13.6km s-min=7.0km az=73.0

NEIC Felt (II) PIVS at Lianga

DJA 29 18:28:23.7,33N,126.98E, h50km, mb4.6/6, Error ellipse: s-maj=27.1km s-min=12.1km az=78.0

ISC 29 18:28:07.5,0.7,8.40N,0.03,126.57E,0.06, h68km,5km, h33km,5km, p-P,n86,c1912/88, mb4.3/38, 4C-2D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BUTP Butuan, MATI Mati, etc.

29d 19h

Table with columns for station name, coordinates, elevation, and various performance metrics. Includes stations like MSL Gori, OHAK Hor, TTA Talalina, etc.

2008 APR

Table with columns for station name, coordinates, elevation, and various performance metrics. Includes stations like OBN Obninsk, EGAK Eagle, DAWY Dawson, etc.

1406

Table with columns for station name, coordinates, elevation, and various performance metrics. Includes stations like NOA, YKA, YKA, etc.

B11A	Sandpoint	111.76	40	↑P	PKIKP	19 27 50.3 +0.3
E10A	Myers Farm, Un	111.78	42	↓P	PKIKP	19 27 50.2 0.0
F10A	Beach Ranch, E	111.83	43	↓P	PKIKP	19 27 50.6 +0.4
WT7A	Wattenberg	111.97	319	↓P	PKIKP	19 27 50.2 -0.3
PKM	Peak Mountain	112.04	55	↑P	PKIKP	19 27 50.7 -0.3
J09A	Fry Pan Ranch,	112.08	46	↑P	PKIKP	19 27 51.2 +0.4
EDM	Edmonton	112.09	35	ePKIKP	PKIKP	19 27 49.7 -0.8
EDM	Edmonton	112.09	35	ePKIKP	PKIKP	19 28 40.3
EDM	Edmonton	112.09	35	ePKIKP	PKIKP	19 27 49.7 -0.8
EDM	Edmonton	112.09	35	ePKIKP	PKIKP	19 28 40.2 -1.4
EDM	Edmonton	112.09	35	ePKIKP	PKIKP	19 30 45.5
MOTA	Mossalm	112.30	319	↓P	PKIKP	19 27 50.6 -0.5
E11A	Bogner Ranch,	112.42	42	↑P	PKIKP	19 27 51.7 +0.4
H10A	Noah's Angus R	112.50	44	↓P	PKIKP	19 27 52.0 +0.5
F11A	Grangeville	112.58	43	↓P	PKIKP	19 27 52.3 +0.6
G11A	Walters Elk Ra	112.63	43	↓P	PKIKP	19 27 52.0 +0.2
FETA	Feichten	112.64	319	↓P	PKIKP	19 27 51.5 -0.3
NVAR	Mina Array Bea	112.67	51	Pdiff	Pdiff	19 24 02.5 +3.5
NVAR	NVAR	112.67	51	Pdiff	Pdiff	19 27 54.3 +2.2
NVAR	NVAR	112.67	51	Pdiff	Pdiff	19 28 41.6 -4.8
NVAR	NVAR	112.67	51	Pdiff	Pdiff	19 38 43.9 +1.1
NVAR	NVAR	112.67	51	Pdiff	Pdiff	19 38 52.8 +1.6
K10A	MacKenzie Ranch	112.84	46	↑P	PKIKP	19 27 52.7 +0.4
A13A	Flathead Natl	112.85	39	↑P	PKIKP	19 27 52.7 +0.6
SCO	Scoreboards	112.86	349	i	PP	19 28 40.9 -5.6
H11A	Donnelly	112.98	44	↑P	PKIKP	19 27 53.1 +0.6
B13A	Whitefish	112.99	40	↓P	PKIKP	19 27 52.9 +0.5
SUMG	Wicket	113.11	355	ePKIKP	PKIKP	19 27 52.4 +0.4
DAVA	Damuels	113.12	319	↓P	PKIKP	19 27 52.2 -0.4
C13A	Hot Springs	113.13	41	↓P	PKIKP	19 27 53.0 +0.3
WALA	Waterton Lakes	113.13	39	ePKIKP	PKIKP	19 27 52.5 -0.1
WALA	WALA	113.13	39	ePKIKP	PKIKP	19 28 47.5 -1.7
F12A	Elk City	113.22	43	↑P	PKIKP	19 27 53.0 +0.1
G12A	Big Creek, Yel	113.34	43	↑P	PKIKP	19 27 53.6 +0.5
D13A	Huson	113.37	41	↓P	PKIKP	19 27 53.3 +0.1
D13A	Edwards Air Fo	113.53	55	↑P	PKIKP	19 27 53.9 +0.1
SWMT	Swartz Lake	113.55	41	ePKIKP	PKIKP	19 27 52.4 -1.1
SWMT	SWMT	113.55	41	ePKIKP	PKIKP	19 28 50.9 -1.3
PMPC	Manual Prospec	113.73	53	↓P	PKIKP	19 27 54.4 +0.2
E13A	Victor	113.74	42	↑P	PKIKP	19 27 52.4 -1.5
M50	Missoula	113.79	41	ePKIKP	PKIKP	19 27 53.6 -0.4
M50	M50	113.79	41	ePKIKP	PKIKP	19 28 51.5 -2.4
L11A	Cat Creek Ranc	113.79	47	↑P	PKIKP	19 27 54.6 +0.5
H12A	Diamond D Ranc	113.82	44	↓P	PKIKP	19 27 54.8 +0.7
H12A	Atlanta	113.83	45	↑P	PKIKP	19 27 54.4 +0.3
F13A	Darby	113.83	42	↑P	PKIKP	19 27 54.7 +0.6
A15A	Johnson Ranch,	113.89	39	↑P	PKIKP	19 27 54.8 +0.7
BFSC	Mount Baldy St	113.90	55	↑P	PKIKP	19 27 55.0 +0.4
J12A	Stokes Ranch,	113.99	45	↑P	PKIKP	19 27 55.6 +1.1
D14A	Greenough	114.00	41	↓P	PKIKP	19 27 54.4 0.0
S10A	Tonopah Range,	114.09	51	↓P	PKIKP	19 27 56.3 +1.5
G13A	Cobalt	114.10	43	↑P	PKIKP	19 27 55.7 +1.1
FURC	Furnace Creek,	114.16	53	↑P	PKIKP	19 27 56.7 +1.7
B15A	Bradley Ranch,	114.22	39	↓P	PKIKP	19 27 54.8 0.0
CHMT	Chamberlain Mo	114.22	41	eP	PKIKP	19 27 54.4 -0.4
H13A	Challis	114.23	44	↑P	PKIKP	19 27 56.1 +1.2
O11A	Cowboy Ranch,	114.34	49	↑P	PKIKP	19 27 56.8 +1.6
C15A	Salmond Ranch,	114.36	40	↓P	PKIKP	19 27 55.2 +0.1
HLID	Hailey	114.39	45	↓P	PKIKP	19 27 56.6 +1.4
HLID	Hailey	114.39	45	ePKIKP	PKIKP	19 27 56.1 +0.9
GSC	Goldstone	114.41	54	↑P	PKIKP	19 30 52.1
GSC	Goldstone	114.41	54	↑P	PKIKP	19 27 56.6 +1.1
GSC	Goldstone	114.41	54	↑P	PKIKP	19 27 56.5 +1.0
DEF	Champ du Feu	114.43	321	ePKIKP	PKIKP	19 28 56.0 -2.7
M50	Nemabach	114.44	323	PKP	PKIKP	19 27 53.8 -1.4
M50	Wildhorse Cree	114.50	44	↑P	PKIKP	19 27 55.9 +0.8
ELK	Elko	114.50	48	PKP	PKIKP	19 27 56.4 +0.9
ELK	Elko	114.50	48	PKP	PKIKP	19 28 49.9 -9.2
ELK	Elko	114.50	48	PKP	PKIKP	19 30 52.6
ELK	Elko	114.50	48	PKP	PKIKP	19 27 56.9 +1.2
J13A	Cove Ranch, Pi	114.60	45	↑P	PKIKP	19 27 56.8 +1.1
N12A	Clover Valley,	114.63	48	↓P	PKIKP	19 27 56.7 +1.0
N12A	Clover Valley,	114.63	48	ePKIKP	PKIKP	19 27 56.5 +0.7
D15A	Lincoln	114.65	41	↑P	PKIKP	19 28 55.9 +4.2
B16A	M & M Farms, S	114.72	39	↓P	PKIKP	19 27 55.9 +0.2
E15A	Deer Lodge	114.77	41	↓P	PKIKP	19 27 56.5 +0.6
R11A	Troy Canyon, C	114.78	51	↓P	PKIKP	19 27 57.2 +1.0
H14A	Leadore	114.82	43	↓P	PKIKP	19 27 56.8 +0.8
H14A	Hinteralfeld	114.90	320	ePKIKP	PKIKP	19 27 54.8 -1.3
C16A	Fuhringer Ranch	114.90	40	↑P	PKIKP	19 27 56.1 0.0
I14A	Mackay	114.96	44	↑P	PKIKP	19 27 57.3 +1.0
O12A	Currie	114.98	48	↑P	PKIKP	19 27 56.8 +0.3
P15A	Pinyon Flat Ob	114.99	56	↑P	PKIKP	19 27 57.2 +0.5
F15A	Butte	115.05	42	↑P	PKIKP	19 27 57.0 +0.6
P12A	McGill	115.05	49	↑P	PKIKP	19 27 57.2 +0.5
J14A	Carey	115.08	45	↑P	PKIKP	19 27 57.5 +0.9
L13A	Double Diamond	115.11	46	↓P	PKIKP	19 27 57.9 +1.2
M30P	Monument Peak	115.13	57	↓P	PKIKP	19 27 57.2 +0.3
M13A	Montello	115.14	47	↓P	PKIKP	19 27 57.3 +0.6

M13A	Montello	115.14	47	ePKIKP	PKIKP	19 27 57.4 +0.6
H14U	Haudompre	115.16	321	ePKIKP	PKIKP	19 27 55.0 -1.6
H14U	Haudompre	115.16	321	ePKIKP	PKIKP	19 27 55.0 -1.6
A17A	Triple J Farms	115.16	38	↑P	PKIKP	19 27 57.4 +0.9
D16A	Dana Ranch, Ca	115.28	40	↓P	PKIKP	19 27 56.9 +0.1
BELC	Belle Mtn.	115.30	55	↓P	PKIKP	19 27 57.8 +0.5
T11A	Corn Creek, Ai	115.30	52	↑P	PKIKP	19 27 58.0 +0.9
H15A	Lima	115.32	43	↑P	PKIKP	19 27 57.6 +0.7
B17A	L&G Farms, Che	115.33	39	↑P	PKIKP	19 27 57.3 +0.4
G16V	Givet	115.33	323	ePKIKP	PKIKP	19 27 56.4 -0.4
G16V	East Helena	115.36	41	↓P	PKIKP	19 27 57.6 +0.6
GMRC	Granite Mounta	115.43	54	↓P	PKIKP	19 27 58.8 +1.3
DVTC	Desert V Tower	115.44	57	↑P	PKIKP	19 27 58.7 +1.1
S12A	Delamar Landin	115.51	51	↓P	PKIKP	19 27 58.8 +1.2
C17A	Wharram Farm,	115.58	40	↓P	PKIKP	19 27 57.3 -0.1
L14A	Malta	115.63	46	↓P	PKIKP	19 27 58.8 +1.1
F16A	Deer Pt Place,	115.64	42	↓P	PKIKP	19 27 58.2 +0.7
SWSC	Sam W. Stewart	115.64	56	↓P	PKIKP	19 27 59.0 +1.0
A18A	Metzger Ranch,	115.69	38	↑P	PKIKP	19 27 58.1 +0.5
M14A	Sheep Mountain	115.70	47	↓P	PKIKP	19 27 59.1 +1.3
BAIF	Baives	115.72	323	ePKIKP	PKIKP	19 27 57.2 -0.4
LPG	La Plagne	115.72	318	ePKIKP	PKIKP	19 27 57.2 -0.5
P13A	Bates Ranch, G	115.72	49	↑P	PKIKP	19 27 58.8 +0.9
LPL	La Plagne	115.73	318	ePKIKP	PKIKP	19 27 57.2 -0.5
SBF	Sospel	115.76	316	ePKIKP	PKIKP	19 27 56.8 -1.1
CABF	La Chapelle	115.80	319	ePKIKP	PKIKP	19 27 57.4 -0.4
D17A	Six Diamond Ra	115.80	40	↓P	PKIKP	19 27 58.0 +0.2
BC3	Big Chuck Mtn	115.80	56	↓P	PKIKP	19 27 59.4 +1.1
J15A	Blackfoot	115.82	45	↓P	PKIKP	19 27 59.2 +1.2
Q13A	Wheeler Ranch,	115.84	50	↑P	PKIKP	19 27 58.9 +0.8
V12A	Nelson	115.90	53	↑P	PKIKP	19 27 59.7 +1.3
E17A	Martinsdale	115.92	41	↓P	PKIKP	19 27 58.7 +0.6
B18A	Beardsley Farm	115.93	39	↑P	PKIKP	19 27 58.5 +0.5
MBDF	Montbardon	115.95	317	ePKIKP	PKIKP	19 27 57.9 -0.3
K15A	Arbon	115.96	45	↓P	PKIKP	19 27 60.0 +1.7
IRM	Iron Mountain	115.96	55	↑P	PKIKP	19 27 59.7 +1.1
N14A	Grayback Hills	115.99	47	↑P	PKIKP	19 27 59.1 +0.7
U12A	Valley of Fire	116.00	52	↑P	PKIKP	19 27 59.7 +1.2
HVU	Hansel Valley	116.04	46	ePKIKP	PKIKP	19 27 59.0 +0.5
HVU	Hansel Valley	116.04	46	ePKIKP	PKIKP	19 29 03.4 -6.3
EGMT	Eagleton	116.08	39	↑P	PKIKP	19 27 59.3 +1.0
EGMT	Eagleton	116.08	39	↑P	PKIKP	19 27 58.1 -0.3
EGMT	Eagleton	116.08	39	↑P	PKIKP	19 29 14.1 +4.4
EGMT	Eagleton	116.08	39	↑P	PKIKP	19 30 54.1
EGMT	Eagleton	116.08	39	↑P	PKIKP	19 27 56.7 -1.4
EGMT	Eagleton	116.08	39	↑P	PKIKP	19 27 59.9 +1.0
MCD	Coleburn Disti	116.10	333	ePKIKP	PKIKP	19 27 59.7 +0.8
F17A	Fitzpatrick Pl	116.24	41	↑P	PKIKP	19 27 56.7 -1.4
L15A	Malad City	116.25	46	↓P	PKIKP	19 27 59.7 +0.8
S13A	Holt Ranch, En	116.28	51	↓P	PKIKP	19 27 59.8 +0.7
I16A	Newdale	116.33	44	↑P	PKIKP	19 28 00.1 +1.1
M15A	Larsen Ranch,	116.36	47	↑P	PKIKP	19 27 59.9 +0.8
T13A	Saint George	116.37	52	↓P	PKIKP	19 28 00.3 +1.1
G17A	Pierce Place,	116.38	42	↑P	PKIKP	19 27 59.9 +0.9
KEST	Kesara	116.43	307	PKP	PKIKP	19 27 59.7 +0.4
KEST	Kesara	116.43	307	PKP	PKIKP	19 29 03.8 -8.6
Q14A	Sevier Lake (B	116.39	49	↓P	PKIKP	19 28 00.1 +0.9
FRF	La Foret Royal	116.40	316	ePKIKP	PKIKP	19 27 58.0 -1.1
P14A	Drum Mountains	116.40	49	↓P	PKIKP	19 28 00.2 +1.0
GLA	Glamis	116.42	56	↑P	PKIKP	19 28 00.2 +0.7
GLA	Glamis	116.42	56	↑P	PKIKP	19 27 59.2 -0

29d 19h

Table with columns: Station, Name, Time, Frequency, Modulation, and Signal Quality. Includes stations like Les Rejaudoux, Dagmar, Winslow, Sweetwater, etc.

2008 APR

Table with columns: Station, Name, Time, Frequency, Modulation, and Signal Quality. Includes stations like Ladrón, Lemitar, Albuquerque, Barren Site, etc.

1408

Table with columns: Station, Name, Time, Frequency, Modulation, and Signal Quality. Includes stations like Mount Ida, Hockley, Lamto, Toumudi, etc.

ISCJ 29:17:05.5, 0.9; 19:79N; 121:28E, h0km, m4.5/1.1, m1.4, 6.1/3, mb1mx4.2/25, mbtmp4.5/13, ML4.0, Error ellipse: s-maj=32.0km s-min=19.5km az=72.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BBP Basco, PPR Pasuquin, ABRA Dolores, CAUP Cauayan, etc.

ISC 29 19:27:33.4-8.9, 22.93N-144.57E, h114km, 58km, mb3.4/5, mb1 3.3/6, mb1mx3.1-25, mbtmp3.4/6, Error ellipse: s-maj=129.1km s-min=67.9km az=57.0, Volcano Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CBIJ Chichi jima, KSRs Korea Array, MKAR Makanchi Array, etc.

ISK 29 19:45:03.6, 36.99N-29.20E, h15km, MD2.9, ISCJB 29 19:45:04.5-0.6, 36.95N-0.04-29.21E, h0.06, h7km, 8km, Error ellipse: s-maj=8.8km s-min=4.8km az=32.0

CSEM 29 19:45:04.3-0.3, 36.95N-29.19E, h10km, MD2.9, Error ellipse: s-maj=6.9km s-min=5.4km az=137.0

DDA 29 19:45:05.5, 37.01N-29.21E, h7km, 4km, MD2.7, ISC 29 19:45:04.8-0.6, 36.95N-0.04-29.21E, h0.05, h9km, 7km, n20, r1901/32, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GLHS Gihisar (BURDU), FETHY Fethiye, GOLH Golhisar, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NOA NORSTAR Array B, AKASE Malin Array B, BRTR Keskin Array B, etc.

ISCJB 29 20:04:49.0-0.7, 31.55S-0.1x13.0W-0.2, h10km, mb3.9/7, MS4.2/9, Error ellipse: s-maj=24.5km s-min=15.5km az=9.6

IDD 29 20:04:48.2-1.3, 31.31S-12.98W, h0km, mb4.0/7, mb1 4.1/7, mb1mx3.9/18, mbtmp4.0/7, MS4.2/9, Ms1 4.2/9, ms1mx3.9/19, Error ellipse: s-maj=40.8km s-min=28.9km az=174.0

ISC 29 20:04:50.7-0.7, 31.55S-0.1x13.0W-0.2, h10km, n24, r1914/12, mb3.9/7, MS4.2/9, southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SUR Sutherland, TSUM Tsumeb, BOSA Boshof, LBTB Lobatse, etc.

NIED 29 20:15:00, 25.70N-128.90E, h35km, Mw3.8, Best double couple: Mo=5.97000x10^14 NP1=226.00000, B=64.00000, L=64.00000, NP2=358.00000, B=36.00000, L=132.00000

JMA 29 20:15:50.7-0.2, 25.72N-128.88E, h48km, M3.5, Ryukyu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JJT2 Tamagusuku 2, Naha, JOW Kunigami, etc.

DHMR 29 20:17:22.8-1.6, 11.63N-42.88E, h10km, 13km, ML3.7, 3C-1D, Ethiopia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TRBA At Turbah, ZUOR Zugar Island, UDYU Al Udayin, etc.

ISCJB 29 20:39:00.4-0.6, 38.53N-0.04-21.51E-0.03, h10km, Error ellipse: s-maj=5.5km s-min=3.8km az=174.0

THE 29 20:39:00.8, 38.50N-21.54E, h24km, ML3.2/4, Error ellipse: s-maj=1.0km s-min=0.4km az=112.0

CSEM 29 20:39:00.8-0.2, 38.52N-21.52E, h5km, ML3.2/4, Error ellipse: s-maj=4.7km s-min=3.8km az=156.0

ATH 29 20:39:00.7, 38.52N-21.48E, h16km, 3km, MD3.1/4, ISC 29 20:39:01.0-0.7, 38.53N-0.04-21.51E-0.04, h4km, 10km, n28, r070/44, Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like EFF Efpalio, TRBA At Turbah, ZUOR Zugar Island, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RLS Riolos of Patr, RLR Riolos of Patr, TRIZ Trizonia, etc.

BUI 29 20:39:23.3, 48.33N-155.14E, h47km, mb4.6/14, mb4.4/20, Ms4.0/9, Ms7.3/8/11

ISCJB 29 20:39:23.3-0.3, 48.28N-0.05-154.77E-0.06, h33km, mb4.2/51, MS3.7/10, Error ellipse: s-maj=8.5km s-min=3.8km az=148.5

MOS 29 20:39:24.5-1.2, 48.32N-154.67E, h44km, mb4.2/24, Error ellipse: s-maj=11.4km s-min=7.2km az=73.8

NEIC 29 20:39:25.9-1.1, 48.36N-154.64E, h41km, 10km, mb4.4/28, Error ellipse: s-maj=11.7km s-min=6.0km az=147.0

SKHL 29 20:39:25.8-0.2, 48.14N-155.27E, h83km, 9km, mb5.0/4, Ms4.1/11, msf6.0/2

IDD 29 20:39:26.0-0.4, 48.25N-154.73E, h38km, 5km, mb3.7/17, mb1 3.9/19, mb1mx3.8/28, mbtmp3.7/19, ML3.8/2, MS3.5/5, Ms1 3.5/5, ms1mx3.0/31, Error ellipse: s-maj=18.4km s-min=11.9km az=147.0

ISC 29 20:39:25.7-0.3, 48.30N-0.06-154.76E-0.06, h35km, (h44km, 11.9km comp=PP-P), n133, r1517/140, mb4.2/51, MS3.7/10, 2C-1D, Kuril Islands

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

PET 29 20:39:25.7-0.3, 48.30N-0.06-154.76E-0.06, h35km, (h44km, 11.9km comp=PP-P), n133, r1517/140, mb4.2/51, MS3.7/10, 2C-1D, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PET Petropavlovsk, KUR Kuril'sk, etc.

YUK Yuzh-Kuril'sk 7.50 239 ePn Pn 20 41 14.2 +1.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like YUK Yuzh-Kuril'sk, YUK Yuzh-Sakhalins, etc.

YSS Yuzh-Sakhalins 8.22 265 ePn Pn 20 41 26.0 +3.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like YSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, etc.

YSS Yuzh-Sakhalins 8.22 265 ePn Pn 20 41 25.0 +2.7

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

UGL Uglegorsk 8.44 280 Pn Pn 20 41 33.5 +8.2

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

ERM Erimo 10.32 237 ePn Pn 20 41 51.5 +0.5

29d 20h

Table with columns for station name, coordinates, and various parameters. Includes stations like Khabarovsk, Seymchan, Kul'dur, Matsuhiro Arr, etc.

2008 APR

Table with columns for station name, coordinates, and various parameters. Includes stations like Zalesovo Beam, Yellowknife Arr, Borovoye Array, etc.

1410

Table with columns for station name, coordinates, and various parameters. Includes stations like KWP Kalwaria Pacla, WMOK Wichita Mouna, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSM, CTAO, STKA, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KII, MKZ, SPN, etc.

IDC 29 22:01:13.4.2.0.7, 29:79N:68:48E, h0km, mb3.7/8, mb1 3.8/9, mb1mx3.6/30, mbtmp3.7/9, ML2.9/1, MS3.1/2, Ms1 3.1/2, ms1mx2.5/41, Error ellipse: s-maj=66.2km s-min=25.5km az=136.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KBL, SMLA, AML, etc.

ISCJB 29 22:07:26.4.0.3, 49:81N:0:02:18:42E, h0km, Error ellipse: s-maj=3.5km s-min=2.2km az=13.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OKC, OKK, MORC, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VYHS, VYHS, SMOL, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PVCC, KOLS, KOLS, etc.

CSEM 29 22:09:24.4, 37:04N:29:11E, h7km, MD2.8, After ISK

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CPUP, TORO, TORO, etc.

1.4nm, 0.4s, baz=323, slow=3.6, SNR=9.2 MKAR Makanchi Array 145.58 3K PKPbc PKPbc 22 45 42.6 -0.2

DHMR 29 22:41:24.2.1.7, 11:66N:43:02E, h13km, 13km, ML4.7 IDC 29 22:41:27.0.1.1, 11:44N:43:14E, h0km, mb4.0/14, mb1 4.2/15, mb1mx4.0/26, mbtmp4.1/15, MS3.6/16, Ms1 3.6/16, ms1mx3.4/31, Error ellipse: s-maj=24.9km s-min=5.5km az=6.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ATD, ATD, TRBA, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LBOS, LBOS, DHBB, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like ARCES ARCESS Array B, JOF Joensuu, KAF Kangasniemi, etc.

30 02:20:47.3±2.5, 34.91N±81.42E, h0km, mb3.5/2, mb1 3.5/6, mb1mx3.3/27, mbtmp3.4/6, ML3.3/4, MS2.9/1, Ms1 2.9/1, ms1mx2.2/35, Error ellipse: s-maj=64.0km s-min=32.2km az=115.0

ISC 30 02:20:50.0±1.6, 35.11N±0.181°E±0.2, h10km, n8, n0899/8, mb3.4/2, Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like KSH Kashi, AAK Ala-Archa, MKAR Makanchi Array, etc.

ISC 30 02:40:17.8±0.7, 38.44N±70.67E, h0km, mb4.0/17, mb1 4.1/23, mb1mx4.0/33, mbtmp4.0/23, ML3.7/6, MS3.2/5, Ms1 3.2/5, ms1mx2.9/39, Error ellipse: s-maj=14.2km s-min=10.1km az=152.0

NNC 30 02:40:17.4±0.2, 38.75N±70.34E, h0km, mb4.4, mbp4.3, Error ellipse: s-maj=48.8km s-min=44.2km az=30.0

BUI 30 02:40:17.6, 38.88N±70.43E, h35km, mb4.3/4, mb4.1/8, ML4.0/3, MS3.8/4, Ms7.3/2

MOS 30 02:40:20.7±1.1, 38.72N±70.60E, h61km, mb4.4/21, Error ellipse: s-maj=9.1km s-min=6.3km az=93.8

ISCJB 30 02:40:21.2±0.6, 38.70N±0.037°E±0.05, h66km±7km, mb4.0/33, Error ellipse: s-maj=6.5km s-min=5.4km az=161.1

NEIC 30 02:40:22.0±0.8, 38.70N±70.58E, h56km, mb4.1/9, Error ellipse: s-maj=9.3km s-min=7.4km az=155.0

ISC 30 02:42:25.0±5.3, 38.71N±0.037°E±0.05, h60km±6km, n122±12/134, mb4.1/33, MS3.5/5, 10C-5D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like AML Almayashu, AMI Almayashu, KSH Kashi, etc.

Table with columns: MKAR Makanchi Array, MKAR Makanchi Array, AB31 Akbulak array, etc. Rows include various station codes and their associated data.

Table with columns: MLR Muntele Rosu, MLR Muntele Rosu, JOF Joensuu, etc. Rows include various station codes and their associated data.

MOD Modoc	2.77	66	ePn	Pn	03 03 46.3 -2.7	R11A Troy Canyon, C	6.75	109	↑P	Pn	03 04 42.5 -1.1	SPUT South Promonto	8.52	83	ePn	Pn	03 05 08.2 +0.3
MOD Summer Lake	2.82	47	↓P	Pn	03 03 53.6 +4.7	GNW Green Mountain	6.75	5	ePn	Pn	03 04 44.3 +0.7	M15A Larsen Ranch,	8.52	82	↑P	Pn	03 05 08.1 +0.2
K05A baz=2.7			↑Sb	Sb	03 04 29.8 -1.0	MPMC Mutual Prospect	6.83	132	↓P	Pn	03 04 45.2 +0.5	ARUT Antelope Range	8.52	108	eP	Pn	03 05 07.9 0.0
WCN Washoe City	3.40	116	↑P	Pn	03 03 55.5 -2.1	K12A Draper Farm, C	6.83	72	↓P	Pn	03 04 44.3 -0.3	ARUT Antelope Range	8.52	108	ePn	Pn	03 05 07.9 0.0
WCN baz=3.2			↓Sb	Sb	03 03 46.5 -0.8	J12A Stokes Ranch,	6.85	67	↑P	Pn	03 04 44.4 -0.5	A07A Astoria River,	8.54	15	↑P	Pn	03 05 09.5 +1.4
SAC San Andreas	3.41	162	eP	Pn	03 03 56.9 -0.8	O12A Currie	6.85	92	↑P	Pn	03 04 43.6 -1.4	T13A Saint George	8.54	113	↓P	Pn	03 05 08.3 +0.1
PAHR Pah Rah Range	3.50	108	ePn	Pn	03 03 56.8 -2.2	H11A Donnelly	6.85	53	↑P	Pn	03 04 45.3 +0.3	K15A Arbon	8.56	74	↓P	Pn	03 05 08.6 +0.3
COR Corvallis	3.75	4	ePn	Pn	03 04 03.5 +1.0	P12A McGill	6.88	99	↓P	Pn	03 04 44.8 -0.5	O15A The Old Anders	8.58	90	↑P	Pn	03 05 09.0 +0.4
COR Columbia Colle	3.81	136	ePn	Pn	03 04 18.7 +1.6	ARVC Arvin	6.88	144	↓P	Pn	03 04 46.0 +0.5	L15A Malad City	8.59	79	↑P	Pn	03 05 09.3 +0.4
CMB CMB	4.00	16	↓P	Pn	03 04 01.9 +1.3	D07A Quincy	6.90	22	↓P	Pn	03 04 46.9 +1.3	V12A Nelson	8.63	123	↑P	Pn	03 05 10.3 +0.8
H04A Detroit Lake	4.00	16	↓P	Pn	03 04 06.1 +0.3	FURC Furnace Creek,	6.91	127	↑P	Pn	03 04 45.7 -0.2	R14A James Farms, M	8.64	104	↑P	Pn	03 05 09.7 +0.2
WAKR Walker	4.04	124	ePn	Pn	03 04 05.4 -1.0	S11A Racher	6.96	115	↑P	Pn	03 04 45.7 -0.7	D12A Red Ives Fores	8.65	41	↓P	Pn	03 05 10.4 +0.7
HEBO Mount Hebo	4.37	360	ePn	Pn	03 04 11.7 +0.8	E09A Wood Farm, Sta	6.96	34	↓P	Pn	03 04 47.4 +1.0	CCUT Cedar City	8.68	109	ePn	Pn	03 05 09.7 -0.4
SAO San Andreas Ge	4.44	156	ePn	Pn	03 04 10.2 -1.7	F10A Beach Ranch, E	6.97	40	↓P	Pn	03 04 47.7 +1.1	G14A Jackson	8.70	56	↑P	Pn	03 05 10.5 +0.2
SAO G04A Mulino	4.45	11	↓P	Pn	03 04 20.6 +8.7	I12A Atlanta	7.01	62	↓P	Pn	03 04 47.2 +0.1	A08A Turner Farm, O	8.70	20	↓P	Pn	03 05 11.6 +1.4
I07A Izeze	4.49	42	↓P	Pn	03 04 12.1 -0.4	Q12A Willow Creek R	7.06	102	↑P	Pn	03 04 47.6 -0.2	S14A Cedar City	8.73	107	↓P	Pn	03 05 10.6 -0.2
H06A Lindquist Farm	4.62	31	↓P	Pn	03 04 15.0 +0.8	G11A Walters Elk Ra	7.10	48	↑P	Pn	03 04 49.2 +0.9	J15A Blackfoot	8.76	69	↓P	Pn	03 05 11.3 +0.1
J08A Circle Bar Ran	4.63	55	↓P	Pn	03 04 12.9 -1.6	D08A Wollman Farm,	7.11	27	↓P	Pn	03 04 50.0 +1.5	GMRC Granite Mounta	8.78	131	↑P	Pn	03 05 12.1 +0.6
HOOD Mount Hood Mea	4.72	18	ePn	Pn	03 04 16.6 +0.8	ETW Entiat	7.18	19	ePn	Pn	03 04 52.4 +2.9	NEW Newport	8.78	30	eP	Pn	03 05 12.6 +1.2
NVAR Mina Array Bea	4.82	118	Pn	Pn	03 04 15.6 -1.4	N13A Wendover, West	7.21	87	↑P	Pn	03 04 49.7 -0.2	NOQ North Oquirrh	8.80	87	ePn	Pn	03 05 12.8 +1.1
NVAR 15nm,0.3s,baz=294,slow=14,SNR=549					03 05 35.1	M13A Wendover, West	7.21	83	ePn	Pn	03 04 50.2 +0.3	U13A Pakoon Wash	8.81	117	↓P	Pn	03 05 12.0 +0.1
NVAR 17nm,0.3s,baz=304,slow=32,SNR=54					03 19 36.4	M13A Montello	7.23	83	ePn	Pn	03 04 48.1 -2.0	P15A Leamington	8.84	95	↑P	Pn	03 05 12.5 +0.2
NVAR baz=208,slow=2.5,SNR=4.2					03 05 35.1	M13A Ash Meadows, A	7.27	125	↑P	Pn	03 05 15.1 +2.5	I15A Montevieu	8.88	65	↓P	Pn	03 05 13.7 +0.9
NVAR mina Array Bea	4.82	118	Pn	Pn	03 04 19.9 +1.2	U10A Waterville	7.33	20	↑P	Pn	03 04 51.3 +0.5	E13A Victor	8.88	48	↓P	Pn	03 05 13.5 +0.7
NVAR Carlson Farm,	4.94	26	↑P	Pn	03 05 30.7 -0.7	C07A Jones Farm, Ri	7.34	30	↓P	Pn	03 04 52.3 +0.7	W12A Cal Nev Ari	8.89	126	↑P	Pn	03 05 14.2 +1.1
G06A baz=4.9			↑Sb	Sb	03 04 16.1 -2.9	C06A Tall Timber Ra	7.36	15	↑P	Pn	03 04 53.5 +1.6	MURC Murrieta	8.90	142	↓P	Pn	03 05 13.5 +0.4
BMN Battle Mountai	4.95	93	ePn	Pn	03 04 33.8 +1.5	OSI Osito Adit	7.36	146	ePn	Pn	03 04 53.8 +1.8	LDFC Lodi	8.90	128	ePn	Pn	03 05 14.1 +1.0
BMN Mammoth Lakes	4.96	129	↑P	Pn	03 04 18.3 -0.7	E10A Myers Farm, Un	7.39	38	↑P	Pn	03 04 53.7 +1.3	Q15A Fillmore	8.90	98	ePn	Pn	03 05 13.1 0.0
F03A Seaside	5.09	1	↑P	Pn	03 04 21.4 +0.6	HLID Hailey	7.42	65	ePn	Pn	03 04 50.8 -2.0	A09A Danville	8.91	22	↑P	Pn	03 05 15.2 +2.1
J09A Fry Pan Ranch,	5.09	59	↑P	Pn	03 04 18.8 -2.0	K13A Stover Farm, H	7.42	73	↑P	Pn	03 05 17.9 +2.5	MCMT McKenzie Canyo	8.92	60	ePn	Pn	03 05 12.9 -0.3
F04A Amboy	5.17	10	↑P	Pn	03 04 22.6 +0.7	L13A Double Diamond	7.44	77	↑P	Pn	03 04 52.6 -0.4	NLU North Lily Min	8.92	92	ePn	Pn	03 05 13.2 -0.1
H08A Prairie City	5.22	44	↓P	Pn	03 04 27.4 +0.1	O13A Hicks Ranch, I	7.45	92	↓P	Pn	03 04 53.1 -0.1	H15A Lima	8.97	61	↓P	Pn	03 05 14.6 +0.5
MTUM Tungsten Hills	5.30	129	ePn	Pn	03 04 24.0 +0.6	JCW Jim Creek	7.46	9	ePn	Pn	03 04 54.6 +1.3	F14A Wisdom	9.02	53	↓P	Pn	03 05 14.8 +0.1
G07A Ruggs Ranch, H	5.32	32	↑P	Pn	03 04 25.2 +1.3	F11A Grangeville	7.46	45	↓P	Pn	03 04 54.2 +0.8	C12B Naegeli Ranch,	9.05	38	↓P	Pn	03 05 15.5 +0.4
I09A Lost Marbles R	5.41	53	↑P	Pn	03 04 24.4 -0.8	R12A Pony Springs,	7.46	107	↓P	Pn	03 04 52.9 -0.5	CTU Camp Tracy	9.08	87	ePn	Pn	03 05 16.5 -0.2
M10A I.L. Ranch, Tu	5.45	80	↓P	Pn	03 04 22.4 -3.4	OD2 Odessa Site #2	7.47	27	ePn	Pn	03 04 54.4 +1.0	T14A Hurricane	9.10	111	↑P	Pn	03 05 15.6 -0.2
K10A MacKenzie Ranc	5.46	67	↑P	Pn	03 04 23.3 -2.6	EDW2 Edwards Air Fo	7.47	41	↓P	Pn	03 04 53.8 +0.3	V13A Grand Canyon W	9.12	120	↑P	Pn	03 05 16.7 +0.6
N10A Dumphy	5.47	89	↓P	Pn	03 04 23.2 -2.8	G12A Big Creek, Yel	7.49	52	↑P	Pn	03 04 54.5 +0.8	D13A Huson	9.14	44	↑P	Pn	03 05 17.4 +1.1
O10A Cortez Mining,	5.52	93	↑P	Pn	03 04 24.7 -2.0	H12A Diamond D Ranc	7.50	57	↑P	Pn	03 04 53.6 -0.3	M16A Huntsville	9.14	83	↑P	Pn	03 05 17.0 +0.6
H08A Juniper Basin	5.58	75	↑P	Pn	03 04 25.5 -3.0	T11A Corn Creek, Al	7.52	116	↑P	Pn	03 04 53.6 -0.5	HWUT Hardware Ranch	9.19	81	ePn	Pn	03 05 17.8 +0.8
G08A Pilot Rock	5.64	36	↓P	Pn	03 04 29.5 +1.1	J13A Cove Ranch, Pi	7.53	67	↓P	Pn	03 04 54.6 +0.2	MSU Marysville	9.19	101	eP	Pn	03 05 17.4 +0.3
P10A Eureka	5.68	100	↑P	Pn	03 04 27.2 -1.7	P13A Bates Ranch, G	7.55	97	↓P	Pn	03 04 54.4 -0.2	R15A Sandpoint	9.22	32	↓P	Pn	03 05 17.6 +0.1
E07A Leham	5.70	1	↓P	Pn	03 04 30.2 +1.0	S12A Delamar Landin	7.60	112	↓P	Pn	03 04 54.5 -0.7	A10A Northport	9.23	26	↑P	Pn	03 05 20.0 +2.4
F07A Phynny Hill Vi	5.75	27	↑P	Pn	03 04 30.6 +0.7	Q13A Wheeler Ranch,	7.68	101	↓P	Pn	03 04 56.0 -0.4	PFO Pinyon Flat Ob	9.25	139	Pn	Pn	03 05 18.9 +1.0
J10A Berg Farm, Mel	5.77	61	↑P	Pn	03 04 27.5 -2.7	C08A Higginbotham F	7.70	24	↑P	Pn	03 04 58.4 +1.8	PFO Pinyon Flat Ob	9.25	139	↓P	Pn	03 05 18.5 +0.6
H09A Durkee	5.87	47	↑P	Pn	03 04 32.2 +0.8	I13A Wildrose Cree	7.74	63	↑P	Pn	03 04 57.7 +0.6	MPU Maple Canyon	9.25	91	ePn	Pn	03 05 18.7 +0.8
Q10A Clear Creek Ra	5.98	107	↑P	Pn	03 04 32.6 -0.3	E11A Bogner Ranch,	7.74	42	↑P	Pn	03 04 58.5 +1.3	MISO Missoula	9.25	46	ePn	Pn	03 05 18.8 +0.7
M11A Holland Ranch,	6.01	82	↓P	Pn	03 04 30.1 -3.3	D10A Wagner Farm, O	7.75	35	↓P	Pn	03 04 58.0 +0.7	K16A Soda Springs	9.26	74	↑P	Pn	03 05 18.8 +0.7
E06A Yakima	6.03	18	↓P	Pn	03 04 33.7 -0.1	GSC Goldstone	7.76	133	eP	Pn	03 04 59.0 +1.5	E14A Clinton	9.27	50	↑P	Pn	03 05 18.3 +0.2
N11A Elko Archery C	6.05	88	↓P	Pn	03 04 32.1 -1.9	GSC Goldstone	7.76	133	eP	Pn	03 04 58.7 +1.2	G15A Dillon	9.29	59	↓P	Pn	03 05 18.6 +0.2
I10A Payette	6.05	55	↑P	Pn	03 04 33.4 -0.6	GSC Goldstone	7.76	133	ePn	Pn	03 04 59.0 +1.6	DLMT Dillon	9.30	57	ePn	Pn	03 05 18.5 0.0
K11A Parker Ranch,	6.05	69	↑P	Pn	03 04 32.8 -1.2	GSC Goldstone	7.76	133	ePn	Pn	03 04 59.0 +1.6	L16A Fish Haven	9.30	79	↑P	Pn	03 05 19.1 +0.6
LOH Longmire	6.06	12	eP	Pn	03 04 35.0 +0.8	RPW Rockport	7.76	11	eSg	Pn	03 04 53.9 -4.0	N16A Rees Ranch, Co	9.30	86	↑P	Pn	03 05 19.7 +1.1
LOH comp=Z,498nm,0.9s					03 04 32.5 -2.4	PGC Sidney	7.81	1	ePn	Pn	03 04 59.1 +1.0	P16A Fountain Green	9.30	94	↑P	Pn	03 05 19.5 +1.0
LOH Longmire	6.06	12	ePn	Pn	03 04 35.0 +0.8	B06A Marblemount	7.84	11	↓P	Pn	03 04 59.6 +1.1	JLU Jordanelle	9.31	87	ePn	Pn	03 05 19.0 +0.3
L11A comp=Z,498nm,0.9s					03 04 36.1 +1.1	DECC Green Verdugo	7.84	145	↑P	Pn	03 04 59.0 +0.4	O16A Springville	9.32	80	↑P	Pn	03 05 19.3 +0.4
F08A Pendleton	6.12	34	↑P	Pn	03 04 36.1 +1.1	M14A Sheep Mountain	7.85	82	↓P	Pn	03 04 58.9 +0.3	J16A Bone	9.32	71	↓P	Pn	03 05 20.0 +1.1
VES Vestal, Richgr	6.17	142	↑P	Pn	03 04 36.1 +0.4	F12A Elk City	7.88	49	↓P	Pn	03 05 00.1 +1.0	U14A Mt Trumbull	9.35	115	↓P	Pn	03 05 20.3 +1.1
O11A Cowboy Ranch,	6.18	94	↓P	Pn	03 04 34.3 -1.5	H13A Challis	7.89	59	↓P	Pn	03 04 59.5 +0.2	P15A Panguitch	9.35	106	↑P	Pn	03 05 20.4 +1.1
BMO Blue Mountains	6.18	47	ePn	Pn	03 04 36.0 +0.2	L14A Malta	7.96	78	↓P	Pn	03 05 00.1 0.0	NEE2 Needles Airpor	9.40	127	↑P	Pn	03 05 21.0 +0.9
BMO Cove	6.21	42	ePn	Pn	03 04 37.0 +0.9	SHPR Sheep Range	7.96	120	ePn	Pn	03 05 01.0 0.0	C13A Hot Springs	9.46	41	↓P	Pn	03 05 21.4 +0.6
G09A Circle Ranch,	6.23	99	↓P	Pn	03 04 35.7 -0.7	C09A Chrisman Ranch	7.97	27	ePn	Pn	03 04 59.6 -0.7	BSMT Bassoo Peak	9.48	39	ePn	Pn	03 05 21.9 +1.0
S10A Tonopah Range,	6.23	116	↑P	Pn	03 04 35.1 -1.4	J14A Carey	7.97	69	↑P	Pn	03 05 01.7 +1.4	DAU Daniels Canyon	9.48	89	ePn	Pn	03 05 21.8 +0.8
GRAC Grapevine Rang	6.26	126	↓P	Pn	03 04 36.3 -0.5	N14A Grayback Hills	7.98	86	↓P	Pn	03 05 00.4 0.0	DAU Daniels Canyon	9.48	89	ePn	Pn	03 05 21.8 +0.8
R10A Warm Springs	6.26	112	↓P	Pn	03 04 36.2 -0.8	M14A Grayback Hills	7.98	86	↓P	Pn	03 05 00.5 +1.0	IRM Iron Mountain	9.52	132	↓P	Pn	03 05 23.2 +1.6
RSW Rattlesnake Hi	6.30	27	ePn	Pn	03 04 38.9 +1.5	M14A Grayback Hills	7.98	86	↓P	Pn	03 05 01.8 +1.2	I16A Newdale	9.54	67	↓P	Pn	03 05 23.3 +1.4
HAWA Hanford	6.32	27	ePn	Pn	03 04 38.8 +1.1	R13A O'Grain Ranch,	7.99	106	↓P	Pn	03 05 02.7 -0.4	RR12 Red Ridge	9.54	71	ePn	Pn	03 05 22.5 +0.6
HAWA HAWA	6.32	27	ePn	Pn	03 04 44.8 +7.1	B07A Winthrop	8.04</										

AGMN	comp=Z,7.0m,22.0s,MS5.0	LR	LR						
ULM	Lac du Bonnet 21.54 55 P	P	P	03 07 48.5	-4.6				
ULM	comp=Z,7.3m,0.8s,mb5.3,baz=258,slow=10.0,SNR=116								
ULM	Lac du Bonnet 21.54 55 P	P	P	03 07 47.4	-5.7				
ULM	comp=Z,5.7m,0.6s,mb5.2								
HYT	Haines Junction 21.73 342 eP	P	P	03 07 58.0	+3.0				
JCT	Junction City 21.94 111 e	e	e	03 07 52.8	-4.8				
JCT				03 11 55.0					
JCT	comp=Z,7.3m,0.9s,mb5.1								
JCT									
JCT	comp=Z,4.0m,19.0s,MS4.8	MLR	MLR						
JCT	Junction City 21.94 111 eP	P	P	03 07 52.8	-4.7				
JCT	comp=Z,7.3m,0.9s,mb5.1	ePcP	PcP	03 11 55.0	-0.6				
YKA	comp=Z,4.0m,19.0s,MS4.8	LR	LR						
YKA	Yellowknife Ar 22.36 11 P	P	P	03 08 00.4	-1.4				
YKA				03 11 55.4					
YKA	Yellowknife Ar 22.36 11 P	P	P	03 08 00.4	-1.3				
YKA	comp=Z,2.3m,0.9s,mb4.6,baz=195,slow=9.2,SNR=151	PcP	PcP	03 11 55.4	-0.4				
YKA	comp=Z,3.2m,0.8s,baz=180,slow=2.3,SNR=5.1	LR	LR	03 17 10.6					
YKA	comp=Z,1.0m,20.4s,MS4.3,baz=225,slow=38	PKPKP	PKPKP	03 19 39.1	-1.8				
YKA	comp=Z,0.3m,0.8s,baz=184,slow=1.0,SNR=0.0	P	P	03 08 00.4	-1.3				
YKA	Yellowknife Ar 22.36 11 P	PcP	PcP	03 11 55.4	-0.4				
YKA		LR	LR	03 17 10.6					
SCIA	State Center 22.86 77 eP	P	P	03 08 00.7	-6.5				
SCIA	comp=Z,1.26m,0.7s,mb5.5	LR	LR						
EYMN	comp=Z,6.0m,19.0s,MS5.0	LR	LR						
EYMN	Ely 23.96 62 eP	P	P	03 08 12.7	-5.3				
EYMN	comp=Z,8.6m,1.1s,mb5.1	LR	LR						
EYMN	comp=Z,7.0m,20.0s,MS5.2	LR	LR						
DIV	Divide 24.38 334 eP	P	P	03 08 24.9	+3.2				
DIV	comp=Z,1.54m,1.1s,mb5.3								
MIAR	Mount Ida 24.59 95 eP	P	P	03 08 18.3	-5.5				
MIAR	comp=Z,1.18m,1.3s,mb5.3	Pmax	Pmax						
MIAR	comp=Z,1.18m,1.3s,mb5.3	MLR	MLR						
MIAR	comp=Z,3.0m,22.0s,MS4.8	LR	LR						
MIAR	Mount Ida 24.59 95 eP	P	P	03 08 18.3	-5.5				
MIAR	comp=Z,1.18m,1.3s,mb5.3	LR	LR						
JFWS	comp=Z,3.0m,22.0s,MS4.8	LR	LR						
JFWS	Jewell Farm 24.91 74 eP	P	P	03 08 21.0	-5.7				
JFWS	comp=Z,8.4m,0.8s,mb5.3	Pmax	Pmax						
JFWS	comp=Z,6.0m,20.0s,MS5.1	MLR	MLR						
JFWS	Jewell Farm 24.91 74 eP	P	P	03 08 21.0	-5.7				
JFWS	comp=Z,8.4m,0.8s,mb5.3	LR	LR						
JFWS	comp=Z,6.0m,20.0s,MS5.1	LR	LR						
DAWY	Dawson 25.00 344 eP	P	P	03 08 29.7	+2.4				
NATX	Nacogdoches 25.01 102 eP	P	P	03 08 23.4	-4.3				
NATX	comp=Z,9.8m,1.1s,mb5.2								
NATX	comp=Z,8.0m,21.0s,MS5.2	LR	LR						
KVXT	Kingsville 25.03 114 PFAKE	LR	LR	03 08 40.0	+1.2				
KVXT	comp=Z,4.0m,21.0s,MS4.9								
KDAK	Kodiak Island 25.04 322 P	P	P	03 08 31.6	+3.9				
KDAK	comp=Z,5.09m,0.9s,mb6.0,SNR=7.5								
KDAK	Kodiak Island 25.04 322 P	P	P	03 08 31.2	+3.5				
KDAK	Kodiak Island 25.04 322 P	P	P	03 08 30.4	+2.7				
KDAK	comp=Z,6.1m,0.8s,mb5.2,baz=120,slow=5.1,SNR=37	PcP	PcP	03 12 02.0	+0.4				
KDAK	comp=Z,6.5m,0.8s,baz=146,slow=7.3,SNR=4.4	LR	LR	03 16 11.3					
KDAK	comp=Z,3.0m,19.0s,MS4.7,baz=121,slow=31	LR	LR						
KDAK	Kodiak Island 25.04 322 eP	P	P	03 08 31.0	+3.3				
KDAK	comp=Z,6.8m,0.9s,mb5.2								
KDAK	comp=Z,3.0m,21.0s,MS4.7	LR	LR						
HKT	Hockley 25.09 107 PFAKE	LR	LR	03 08 40.0	+1.2				
HKT	comp=Z,7.0m,20.0s,MS5.1								
OHAK	Old Harbor 25.10 321 eP	P	P	03 08 32.0	+3.7				
CCM	Cathedral Cave 25.15 86 eP	Pmax	Pmax	03 08 23.1	-5.8				
CCM	comp=Z,4.2m,0.8s,mb5.0								
CCM	comp=Z,4.0m,22.0s,MS4.9	MLR	MLR						
CCM	Cathedral Cave 25.15 86 eP	P	P	03 08 23.1	-5.8				
CCM	comp=Z,4.2m,0.8s,mb5.0	LR	LR						
COWI	comp=Z,4.0m,22.0s,MS4.9	LR	LR						
COWI	Conover 25.50 67 eP	P	P	03 08 27.8	-4.2				
COWI	comp=Z,1.74m,1.2s,mb5.5	LR	LR						
FVM	comp=Z,6.0m,20.0s,MS5.1	LR	LR						
FVM	French Village 25.79 85 eP	Pmax	Pmax	03 08 29.8	-4.9				
FVM	comp=Z,7.2m,1.0s,mb5.2								
FVM	French Village 25.79 85 eP	P	P	03 08 29.8	-4.9				
FVM	comp=Z,7.2m,1.0s,mb5.2								
PMR	Palmer 25.80 332 eP	P	P	03 08 38.1	+2.9				
FCC	Fort Churchill 25.88 36 eP	P	P	03 08 32.7	-2.6				
FCC	comp=Z,1.31m,1.3s,mb5.3	e	e	03 12 02.5					
FCC		Pmax	Pmax						
FCC	comp=Z,3.0m,1.0s								
FCC	Fort Churchill 25.88 36 eP	P	P	03 08 32.7	-2.6				
FCC	comp=Z,3.3m,1.0s	ePcP	PcP	03 12 02.5	-1.0				
HDIL	Hopedale 26.00 79 eP	P	P	03 08 30.8	-5.8				
HDIL	comp=Z,4.9m,0.7s,mb5.1	LR	LR						
EGAK	comp=Z,5.0m,19.0s,MS5.1	LR	LR						
EGAK	Eagle 26.01 343 eP	P	P	03 08 38.6	+2.2				
EGAK	comp=Z,1.06m,1.0s,mb5.3	LR	LR						
EGAK	comp=Z,1.0m,20.0s,MS4.5	LR	LR						
RSO	Redoubt South 26.55 327 eP	P	P	03 08 44.4	+3.0				
PARMO	Parma 26.71 88 eP	P	P	03 08 40.2	-2.8				
SIUC	Southern Ilith 26.78 85 eP	P	P	03 08 40.6	-3.1				
SIUC	comp=Z,1.31m,1.3s,mb5.3								
MCK	McKinley 27.28 336 eP	P	P	03 08 49.7	+1.8				
MCK		e	e	03 12 06.7					
MCK	comp=Z,1.16m,1.2s,mb5.3	Pmax	Pmax						
MCK	McKinley 27.28 336 eP	P	P	03 08 49.7	+1.8				
MCK	comp=Z,1.16m,1.2s,mb5.3								
MCK	Chignik 27.31 316 eP	PcP	PcP	03 12 06.7	0.0				
CHGN	Olney 27.33 83 eP	P	P	03 08 51.1	+2.9				
OLIL	comp=Z,6.2m,1.0s,mb5.1	eP	P	03 08 47.9	-0.7				
OLIL	Oxford 27.75 92 PFAKE	LR	LR	03 08 54.0	-4.1				
OXF		LR	LR	03 09 00.0	+7.6				
OXF	comp=Z,3.0m,19.0s,MS4.9	LR	LR						
COLA	College 27.79 338 eP	P	P	03 08 53.9	+1.5				
COLA		e	e	03 12 08.1					
COLA	comp=Z,5.5m,0.9s,mb5.2	Pmax	Pmax						
COLA	comp=Z,5.45m,19.0s,MS4.2	MLR	MLR						
COLA	College 27.79 338 eP	P	P	03 08 53.9	+1.5				
COLA	comp=Z,5.6m,0.9s,mb5.2								
COLA		ePcP	PcP	03 12 08.1	+0.2				
COLA	comp=Z,5.45m,19.0s,MS4.2	LR	LR						
USIN	University of 27.88 84 eP	P	P	03 08 50.4	-3.2				
USIN	comp=Z,9.2m,1.1s,mb5.3	LR	LR						
VBMS	Vicksburg 27.89 97 PFAKE	LR	LR	03 09 00.0	+6.3				
VBMS	comp=Z,4.0m,20.0s,MS5.0								
INK	Inuvik 28.03 352 eP	P	P	03 08 55.1	+0.6				
INK		e	e	03 12 07.6					
INK	comp=Z,2.64m,1.1s	Pmax	Pmax						
INK	Inuvik 28.03 352 P	P	P	03 08 55.5	+1.0				
INK	comp=Z,1.46m,1.0s,mb5.6,baz=163,slow=9.9,SNR=372	PcP	PcP	03 12 07.5	-0.9				
INK	comp=Z,1.2m,1.0s,baz=149,slow=5.9,SNR=3.5	LR	LR	03 21 21.2					
INK	comp=Z,2.0m,18.8s,MS4.7,baz=168,slow=39	LR	LR						
INK	Inuvik 28.03 352 eP	P	P	03 08 55.1	+0.6				
INK	comp=Z,2.64m,1.1s,mb5.8	ePcP	PcP	03 12 07.5	-0.9				
INK	Sparrevohn 28.06 327 eP	P	P	03 08 55.4	+0.5				

WVT	Waverly 28.35 88 eP	P	P	03 08 52.4	-5.3				
WVT	comp=Z,3.6m,1.0s,mb5.0	eP	Pmax						
WVT	comp=Z,8.04m,22.0s,MS4.3	MLR	MLR						
WVT	Waverly 28.35 88 eP	P	P	03 08 52.4	-5.3				
WVT	comp=Z,3.6m,1.0s,mb5.0								
WVT	comp=Z,8.04m,22.0s,MS4.3	LR	LR						
BLO	Bloomington 28.40 81 eP	P	P	03 08 52.7	-5.4				
BLO	comp=Z,3.6m,0.7s,mb5.1	eP	Pmax						
BLO	Bloomington 28.40 81 eP	P	P	03 08 52.7	-5.4				
BLO	comp=Z,3.6m,0.7s,mb5.1								
PLAL	Pickwick Lake 28.58 90 eP	P	P	03 08 54.6	-5.2				
PLAL	comp=Z,2.3m,1.0s,mb4.9								
GLMI	comp=Z,4.0m,22.0s,MS5.0	LR	LR						
GLMI	Grayling 28.75 69 eP	P	P	03 08 57.7	-3.5				
GLMI	comp=Z,2.45m,1.0s,mb5.9	LR	LR						
WCI	comp=Z,6.0m,20.0s,MS5.2	LR	LR						
WCI	Wyandotte Cave 28.83 83 eP	Pmax	Pmax	03 08 56.9	-5.1				
WCI	comp=Z,1.1m,0.7s,mb4.7	MLR	MLR						
WCI	comp=Z,3.0m,21.0s,MS4.9	LR	LR						
WCI	Wyandotte Cave 28.83 83 eP	P	P	03 08 56.9	-5.1				
WCI	comp=Z,1.1m,0.7s,mb4.7	LR	LR						
WTA	comp=Z,3.0m,21.0s,MS4.9	LR	LR						
WTA	Tatalina 29.23 330 eP	P	P	03 09 07.7	+2.4				
AAM	Ann Arbor 29.71 74 PFAKE	LR	LR	03 09 20.0	+9.3				
AAM	comp=Z,5.0m,20.0s,MS5.2	LR	LR						
LRAL	Lakeview Retre 30.19 93 eP	P	P	03 09 09.0	-5.1				
LRAL	comp=Z,1.2m,0.9s,mb4.6	LR	LR						
LRAL	comp=Z,2.0m,19.0s,MS4.7	LR	LR						
ACSO	Alum Creek Sta 30.76 78 eP	P	P	03 09 13.9	-5.2				
ACSO	comp=Z,3.0m,0.7s,mb5.2	LR	LR						
ACSO	comp=Z,4.0m,21.0s,MS5.0	LR	LR						
BRAL	Brewton 31.07 97 PFAKE	LR	LR	03 09 30.0	+8.2				
BRAL	comp=Z,4.0m,21.0s,MS5.1	LR	LR						
CPCT	Cooper Cave 31.10 87 eP	P	P	03 09 17.1	-5.0				
UNV	Unalaska Valle 31.28 309 eP	P	P	03 09 24.4					

Table with columns for station call signs (e.g., VRAC, OKC, ORO), frequencies, and various status indicators (e.g., epP, pP, LR).

Table with columns for station call signs (e.g., STHS, MYKA, SOP, PTC), frequencies, and various status indicators (e.g., epP, pP, LR).

Table with columns for station call signs (e.g., KURK, CSNT, FSSB, NJ2), frequencies, and various status indicators (e.g., LR, P, Pmax).

Table of astronomical observations for station 1421, including columns for station name, time, position, and various parameters like P, Pmax, and error values.

Table of astronomical observations for station GNI, including columns for station name, time, position, and various parameters like P, Pmax, and error values.

Table of astronomical observations for station BOSA, including columns for station name, time, position, and various parameters like P, Pmax, and error values.

Technical notes and error ellipses for station BOSA, including coordinates and error values for different observations.

Table of astronomical observations for station DZM, including columns for station name, time, position, and various parameters like P, Pmax, and error values.

Technical notes and error ellipses for station DZM, including coordinates and error values for different observations.

Table of astronomical observations for station GLHS, including columns for station name, time, position, and various parameters like P, Pmax, and error values.

3.5610, Plg11.0000", Azm61.0000": N -0.1110, Plg7.0000", Azm22.0000": P -3.4500, Plg4.0000", Azm330.0000": nstia refers to body waves, cutoff=40s. nstia2 refers to surface waves, cutoff=50s.

DJA 30 08:02:13.7:83S:121.58E, h100km, mb4.9/16 ISC 30 08:02:09.8:2.4, 8.07S, 0.05:121.79E:0.06, h32km, h32km, 2.0km:pp-P, n94, e11191, mb4.8/43, MS4.0/12, 5C-2D, Flores region

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

Table with columns: AFI, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Afiamalu, Kabul, KBL, TKM2, TKM2, etc.

ISCJB 30 08:11:50.4:0.7, 24:62N:0.04:122:77E:0.02, h98km, 6km, Error ellipse: s-maj=7.4km s-min=3.4km az=0.5

JMA 30 08:11:50.5:0.2, 24:74N:122:80E, h99km, 2km, M2.9 TAP 30 08:11:50.4, 24:64N, 122:69E, h110km, ML3.6, C

ISC 30 08:11:50.9:0.8, 24:62N:0.05:122:77E:0.02, h97km, 7km, n33, e070/58, 1D, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Yonaguni jima, Santiago Chiao, Suao, etc.

Table with columns: SMLT, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Sun Moon Lake, Yuchr, Yuchr, etc.

ISCJB 30 08:16:42.4:0.6, 22:21S:0.04:69:90W:0.07, h58km, 5km, mb4.1/3, Error ellipse: s-maj=11.0km s-min=5.9km

NEIC 30 08:16:42.8, 22:22S:69:88W, h49km, MD4.0(GUC), After GUC

GUC 30 08:16:42.8:0.6, 22:22S:69:88W, h49km, 2km, MD4.0, ML4.0

ISC 30 08:16:44.5:2.8, 22:20S:69:81W, h66km, 2.1km, mb3.8/3, mb1.3/8.5, mb1mx3.5/16, mbmtpp3.7/5, Error ellipse: s-maj=36.9km s-min=25.7km az=109.0

ISC 30 08:16:43.4:0.6, 22:20S:0.04:69:92W:0.07, h51km, 5km, n19, e110/27, mb4.1/3, 5C-1D, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Maria Elena, Plate Boundary, Pedro de Valdivia, etc.

30d 11h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for BDHA, HAJJ, HAJJ, HAJJ.

ISCJB 30 10:47:10.8±1.5, 15.24N±.92:87W, h125km±11km, MD4.5
MEXJ 30 10:47:10.5±0.3, 15.23N±.04:92:89W±.03, h102km±2km,
mb4.0/19, Error ellipse: s-maj=7.8km s-min=3.5km
az=25.6

NEIC 30 10:47:10.8, 15.24N±.92:87W, h125km, mb4.2/19,
MD4.5(MEX), After MEX.
IDC 30 10:47:11.1±2.7, 15.38N±.92:38W, h108km±21km, mb3.7/9,
mb1.3/9/11, mb1mx3.7/23, mbtmp3.6/11, Error ellipse:
s-maj=32.7km s-min=15.5km az=62.0

CASC 30 10:47:12.9±2.2, 15.42N±.92:56W, h121km±63km, MD4.1,
mb4.2(NEIC)
BUJ 30 10:47:13.8, 15.20N±.92:90W, h125km, MB5.02
ISC 30 10:47:11.7±0.3, 15.27N±.04:92:88W±.03, h94km±2km,
n202, e09/96/224, mb4.0/19, 65C-52D, Mexico-Guatemalaa

Main table for 30d 11h section with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like PCIG, THIG, CCIG, etc.

2008 APR

Main table for 2008 APR section with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like 124A, SDDR, 222A, etc.

1430

Main table for 1430 section with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like ULM, J09A, I10A, etc.

ISCJB 30 11:14:51.2±0.7, 23.65S±.06:66W±.01, h206km±8km,
mb3.7/6, Error ellipse: s-maj=15.0km s-min=9.6km
az=169.6

IDC 30 11:14:51.9±1.0, 23.55S±.66:63W, h195km±10km, mb3.4/5,
mb1.3/6/9, mb1mx3.5/18, mbtmp3.4/9, Error ellipse:
s-maj=19.3km s-min=14.7km az=41.0

NEIC 30 11:14:52.0±0.6, 23.57S±.66:61W, h200km±6km, mb4.5/2,
Error ellipse: s-maj=10.9km s-min=8.1km az=85.0
ISC 30 11:14:52.1±0.7, 23.62S±.06:66W±.01, h199km±8km,
n15, e051/17, mb3.7/6, Jujuy Province

Main table for 1430 section with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like LVC, LPAZ, LPZA, etc.

Table with columns: NAIG, LAKA, LAKA, LAKA, LAKA, EFP, EFP, VLY, VLY, PTL, VLS, VLS, LKR, LKR, EVR, EVR. Includes station names, coordinates, and time/phase data.

ISK 30 13:41:16.9,39.43N,28.32E,h10km,MD2.9
ISCJB 30 13:41:17.3,0.5,39.44N,0.02,28.34E,0.03,h6km,4km,
Error ellipse: s-maj=4.2km s-min=3.5km az=141.9

CSEM 30 13:41:17.3,0.1,39.44N,28.33E,h5km,MD3.0,Error
ellipse: s-maj=2.9km s-min=2.4km az=55.0

DDA 30 13:41:17.6,39.47N,28.40E,h8km,1km,MD3.0

ISC 30 13:41:17.7,0.4,39.45N,0.02,28.35E,0.03,h7km,4km,

n73,r0572/88,Turkey

Main station list table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like DURS, DURS, DURS, etc.

ISCJB 30 13:42:54.6,0.8,7.22S,0.09,39.59E,0.10,h10km,
mb3.7/3,Error ellipse: s-maj=15.0km s-min=11.1km
az=38.2

IDD 30 13:42:55.1,1.3,7.16S,39.76E,h0km,mb3.7/3,mb1.4/0.6,
mb1mx3.6/2.5,mbtmp3.9/6,ML4.2/2,Error ellipse:
s-maj=28.4km s-min=26.0km az=106.0

NEIC 30 13:42:56.0,0.7,7.16S,39.74E,h10km,Error ellipse:
s-maj=14.8km s-min=10.9km az=82.0

ISC 30 13:42:56.7,0.8,7.21S,0.09,39.63E,0.09,h10km,m8,
r1500/13,mb3.7/3,Tanzania

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

ISCJB 30 13:44:57.7,0.2,24.69N,0.02,122.57E,0.02,
h115km,2km,mb3.9/20,Error ellipse: s-maj=3.3km

s-min=2.1km az=156.0
BUJ 30 13:44:58.0,24.80N,122.62E,h113km,mb4.5/7,mb4.2/11
IDC 30 13:44:58.0,3.0,24.80N,122.62E,h108km,2km,
mb3.7/13,mb1.3/8.15,mb1mx3.7/2.8,mbtmp3.7/15,MS2.7/1,
Ms1.2/7.1,ms1mx1.9/35,Error ellipse: s-maj=20.5km
s-min=12.4km az=68.0

NEIC 30 13:44:58.2,0.5,24.76N,122.57E,h108km,4km,mb3.9/5,
Error ellipse: s-maj=8.0km s-min=6.4km az=83.0
JMA 30 13:44:59.4,0.1,24.84N,122.58E,h98km,2km,M3.4
TAP 30 13:44:59.3,24.67N,122.55E,h103km,ML4.8,B
ISC 30 13:44:58.7,2.4,69N,0.02,122.56E,0.02,h110km,2km,

n129,r1905/215,mb3.9/20,3C-30D,Taiwan region

Main station list table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Yonaguni jima, Yonaguni jima, Yonaguni jima, etc.

Main station list table with columns: WNT, WNT, YUS, YUS, CHKT, CHKT, CHKT, etc. Includes station names, coordinates, and time/phase data.

Table with columns: Station, Name, Time, Status, and other metrics. Includes stations like NEM2, JRA, JTKR, etc.

Table with columns: Station, Name, Time, Status, and other metrics. Includes stations like CLNS, YAK, KRSRS, etc.

Table with columns: Station, Name, Time, Status, and other metrics. Includes stations like XAN, TRF, COLD, etc.

P19A	Cripple Cowboy	67.48	56	↑P	P	15 16 10.5	-0.1
M23A	Cedar Creek Ra	67.62	53	↑P	P	15 16 12.1	+0.6
B22A	Big Chuck Mtn	67.63	64	↑P	P	15 16 12.7	+1.0
U15A	North Rim	67.71	60	↑P	P	15 16 12.8	+0.7
V14A	Boquillas Ranc	67.75	61	↑P	P	15 16 12.9	+0.5
R18A	Canyonlands Na	67.80	57	↑P	P	15 16 12.8	+0.1
X13A	Yuca	68.01	63	↑P	P	15 16 14.6	+0.5
PDMCJ	Parker Dam,Lak	68.01	63	↑P	P	15 16 15.0	+0.9
W14A	Seligman	68.05	62	↑P	P	15 16 14.9	+0.6
NB2	NORSAR Subarra	68.17	341	P	P	15 16 13.7	-0.9
NOA	NORSAR Array B	68.17	341	P	P	15 16 14.0	-0.5
NOA	NORSAR Array B	68.17	341	P	P	15 16 14.0	-0.5
V15A	Kaibab Nationa	68.19	61	↑P	P	15 16 15.5	+0.3
T17A	Navajo Res., N	68.21	59	↑P	P	15 16 15.5	+0.3
S18A	Hurst Farm, BI	68.21	58	↑P	P	15 16 15.3	0.0
AGMN	Agassiz Refuge	68.22	42	eP	P	15 16 14.0	-1.1
AGMN	Agassiz Refuge	68.22	42	eP	P	15 16 14.0	-1.1
AFI	Afiama	68.28	142	LR	P	15 16 28.5	+0.1
WRA	Warramunga Ar	68.34	198	P	P	15 16 14.6	-1.5
T18A	Mexican Hat	68.66	58	↑P	P	15 16 18.0	-0.1
X14A	Yava	68.66	62	↑P	P	15 16 18.5	+0.4
S19A	Harvey Farm, M	68.67	57	↑P	P	15 16 18.2	0.0
Y14A	Wickenburg	68.65	63	↑P	P	15 16 19.9	-0.1
Z13A	Yuma Proving G	69.05	64	↑P	P	15 16 20.4	-0.1
POO	Poona	69.11	275	eP	AMB	15 16 20.8	-0.3
V17A	Tonalea, Nyrk	69.15	60	↑P	P	15 16 21.3	+0.2
R21A	Cimarron	69.16	56	↑P	P	15 16 21.4	+0.3
Q22A	Crested Butte,	69.19	55	↑P	P	15 16 21.5	+0.2
ISCO	Idaho Springs	69.27	54	eP	P	15 16 22.5	+0.7
ISCO	Idaho Springs	69.27	54	eP	P	15 16 22.5	+0.7
ISCO	Idaho Springs	69.27	54	eP	P	15 16 22.5	+0.7
Y15A	Casa Rosa Ranc	69.35	62	↑P	P	15 16 36.1	+0.9
S21A	Coal Bank Pass	69.51	57	↑P	P	15 16 24.1	+0.8
DZM	Mont Dzumac	69.57	166	eLR	LR	15 37 36.1	
X16A	Lo Mia Camp, P	69.58	61	↑P	P	15 16 24.1	+0.3
V18A	Ganado	69.60	59	↑P	P	15 16 24.4	+0.5
GOF	Gofitskye	69.61	315	eP	P	15 16 22.1	-1.7
U19A	Dine' College,	69.63	59	↑P	P	15 16 24.8	+0.7
R22A	Saguache, Gunn	69.71	56	↑P	P	15 16 25.1	+0.6
KAD	Karad	69.72	274	eP	AMB	15 16 25.1	+0.2
KAD	Karad	69.72	274	eP	AMB	15 16 25.1	+0.2
KONO	Kongsberg	69.78	341	eP	P	15 16 24.3	-0.3
KONO	Kongsberg	69.78	341	eP	P	15 16 24.3	-0.3
KONO	Kongsberg	69.78	341	eP	P	15 16 24.3	-0.3
114A	Black Gap (USA	69.83	63	↑P	P	15 16 25.7	+0.3
V20A	Brimhall	70.40	58	↑P	P	15 16 28.7	-0.1
Y17A	Roosevelt	70.43	62	↑P	P	15 16 29.4	+0.3
Z12A	Edith	70.47	57	↑P	P	15 16 29.8	+0.6
KIV	Kislodovsk	70.58	314	eP	P	15 16 29.8	0.0
KIV	Kislodovsk	70.58	314	eP	P	15 19 04.7	
KIV	Kislodovsk	70.58	314	eP	P	15 25 43.9	+4.1
KIV	Kislodovsk	70.58	314	eP	P	15 16 29.8	0.0
ECSD	EROS Data Cent	71.18	46	eP	P	15 16 32.0	-1.4
ECSD	EROS Data Cent	71.18	46	eP	P	15 16 32.0	-1.4
X20A	Quemado	71.25	59	↑P	P	15 16 46.6	-0.3
AKASG	Malin Array Be	71.40	326	iP	P	15 16 33.5	-1.1
AKASG	Malin Array Be	71.40	326	iP	P	15 16 33.5	-1.1
AKASG	Malin Array Be	71.40	326	iP	P	15 16 33.5	-1.1
AKASG	Malin Array Be	71.40	326	iP	P	15 16 33.5	-1.1
KIEV	Kiev	71.41	326	eP	P	15 16 33.6	-1.1
KIEV	Kiev	71.41	326	eP	P	15 16 33.6	-1.1
KIEV	Kiev	71.41	326	eP	P	15 16 33.6	-1.1
118A	Homack Ranch,	71.69	62	↑P	P	15 16 37.0	+0.3
ASAR	Allice Springs	72.04	198	P	P	15 16 38.5	-0.1
218A	Dragon	72.11	62	↑P	P	15 16 39.0	-0.2
GNI	Garni	72.30	310	eP	P	15 16 40.0	-0.2
GNI	Garni	72.30	310	eP	P	15 16 40.0	-0.2
318A	Bisbee	72.51	63	↑P	P	15 16 42.1	+0.5
120A	U Bar Ranch, L	72.56	61	↑P	P	15 16 42.6	+0.7
Y23A	Lovelace Mesa,	73.12	58	↑P	P	15 16 44.6	-0.6
W25A	X Bar Ranch,	73.13	56	↑P	P	15 16 45.3	0.0
Y24A	Capitan	73.49	58	↑P	P	15 16 46.4	-1.0
SCHQ	Schefferville	73.50	23	P	P	15 16 46.3	-0.8
Y25A	Mesa, Roswell	73.92	58	↑P	P	15 16 49.8	-0.1
KWP	Kalvaria Pacia	74.69	329	eP	P	15 16 54.5	+0.4
KWP	Kalvaria Pacia	74.69	329	eP	P	15 16 53.7	-0.4
KWP	Kalvaria Pacia	74.69	329	eP	P	15 16 54.5	+0.4
KWP	Kalvaria Pacia	74.69	329	eP	P	15 16 53.7	-0.4
BSEJ	Bad Segeberg	74.73	338	eP	P	15 16 54.1	-0.2
Z26A	Caprock	74.80	58	↑P	P	15 16 54.8	-0.2
Y27A	Causey	74.83	57	↑P	P	15 16 55.1	-0.1
125A	Gardner Draw,	74.85	58	↑P	P	15 16 54.3	-1.0
MSTX	Muleshoe	75.00	56	↑P	P	15 16 56.0	-0.1
OJC	Ojocw	75.20	331	eP	P	15 16 56.8	-0.2
Z27A	Tatum	75.22	57	↑P	P	15 16 56.9	-0.5
STHS	Stebnicka Huta	75.39	330	eP	P	15 16 59.1	+1.0
STHS	Stebnicka Huta	75.39	330	eP	P	15 16 59.1	+1.0
STHS	Stebnicka Huta	75.39	330	eP	P	15 16 59.1	+1.0
BUR08	Bucovina Ar. S	75.42	326	eP	P	15 16 58.0	-0.3

KOLS	Kolonickie sedl	75.43	329	eP	P	15 16 58.5	+0.1
KOLS	Kolonickie sedl	75.43	329	eP	P	15 16 58.5	+0.1
BURAS	Bucovina Array	75.44	326	iP	P	15 16 58.5	+0.1
KSP	Ksiaz	75.79	333	eP	P	15 17 00.2	-0.2
KSP	Ksiaz	75.79	333	eP	P	15 16 59.7	-0.7
TLCR	Tarpa	75.98	323	iP	P	15 17 01.7	+0.1
TLCR	Tarpa	75.98	323	iP	P	15 17 01.6	0.0
TRPA	Tarpa	76.01	328	iP	P	15 17 01.6	-0.1
NRDL	Niedersach Rie	76.11	337	eP	P	15 17 02.0	-0.1
326A	Caldwell Ranch	76.21	59	↑P	P	15 17 03.7	+0.6
DPC	Dobruska-Polom	76.22	333	eP	P	15 17 03.2	+0.4
DPC	Dobruska-Polom	76.22	333	eP	P	15 17 03.2	+0.4
DPC	Dobruska-Polom	76.22	333	eP	P	15 17 03.2	+0.4
DPC	Dobruska-Polom	76.22	333	eP	P	15 17 03.2	+0.4
VRI	Vrinciovia	76.29	324	iP	P	15 17 03.4	+0.1
MORC	Moravsky Berou	76.32	332	iP	P	15 17 03.5	+0.1
CLL	Collim	76.37	335	eP	P	15 17 03.0	-0.7
CLL	Collim	76.37	335	eP	P	15 17 03.3	-0.4
CLL	Collim	76.37	335	eP	P	15 17 03.3	-0.4
CLL	Collim	76.37	335	eP	P	15 17 03.3	-0.4
KECS	Kecovo	76.44	329	eP	P	15 17 04.6	+0.5
KECS	Kecovo	76.44	329	eP	P	15 17 04.6	+0.5
KECS	Kecovo	76.44	329	eP	P	15 17 04.6	+0.5
KECS	Kecovo	76.44	329	eP	P	15 17 04.6	+0.5
BRG	Berggiesshulb	76.48	334	iPKP	P	15 17 03.9	-0.5
BRG	Berggiesshulb	76.48	334	iPKP	P	15 17 03.8	-0.5
BRG	Berggiesshulb	76.48	334	iPKP	P	15 17 03.8	-0.5
BRG	Berggiesshulb	76.48	334	iPKP	P	15 17 03.8	-0.5
BRG	Berggiesshulb	76.48	334	iPKP	P	15 17 03.8	-0.5
BRG	Berggiesshulb	76.48	334	iPKP	P	15 17 03.8	-0.5
PVCC	Panska Ves	76.60	334	eP	P	15 17 05.0	0.0
PVCC	Panska Ves	76.60	334	eP	P	15 17 05.0	0.0
PVCC	Panska Ves	76.60	334	eP	P	15 17 05.0	0.0
PVCC	Panska Ves	76.60	334	eP	P	15 17 05.0	0.0
PVCC	Panska Ves	76.60	334	eP	P	15 17 05.0	0.0
CLZ	Clausthal	76.62	337	eP	P	15 17 05.5	+0.4
CLZ	Clausthal	76.62	337	eP	P	15 17 05.5	+0.4
CLZ	Clausthal	76.62	337	eP	P	15 17 05.5	+0.4
CLZ	Clausthal	76.62	337	eP	P	15 17 05.5	+0.4
CLZ	Clausthal	76.62	337	eP	P	15 17 05.5	+0.4
HARR	Harsova	76.75	323	iP	P	15 17 06.2	+0.2
427A	Hayter Ranch,	76.89	59	↑P	P	15 17 07.0	0.0
MLR	Muntele Rosu	76.91	325	iP	P	15 17 07.4	+0.6
MALT	Malatya	76.93	313	eP	P	15 17 08.3	+1.2
MALT	Malatya	76.93	313	eP	P	15 17 08.3	+1.2
MALT	Malatya	76.93	313	eP	P	15 17 08.3	+1.2
MALT	Malatya	76.93	313	eP	P	15 17 08.3	+1.2
MALT	Malatya	76.93	313	eP	P	15 17 08.3	+1.2
MYHS	Myhne	77.00	330	eP	P	15 17 07.6	+0.3
MYHS	Myhne	77.00	330	eP	P	15 17 07.6	+0.3
MYHS	Myhne	77.00	330	eP	P	15 17 07.6	+0.3
MYHS	Myhne	77.00	330	eP	P	15 17 07.6	+0.3
MYHS	Myhne	77.00	330	eP	P	15 17 07.6	+0.3
VRAC	Vranov	77.04	332	iP	P	15 17 07.5	0.0
526A	Mary Lane Ranc	77.05	60	↑P	P	15 17 07.9	0.0
DRGR	Kolacno	77.07	327	iP	P	15 17 07.9	+0.2
KOLL	Kolacno	77.08	331	eP	P	15 17 08.4	+0.7
PSZ	Piszkesteto	77.13	330	eP	P	15 17 08.1	+0.1
PSZ	Piszkesteto	77.13	330	eP	P	15 17 08.1	+0.1
PSZ	Piszkesteto	77.13	330	eP	P	15 17 08.1	+0.1
PSZ	Piszkesteto	77.13	330	eP	P	15 17 08.1	+0.1
PSZ	Piszkesteto	77.13	330	eP	P	15 17 08.1	+0.1
527A	Woodward Ranch	77.28	60	↑P	P	15 17 09.6	+0.4
VOIR	Verdun	77.31	325	iP	P	15 17 09.5	+0.5
WERD	Werda	77.34	335	eP	P	15 17 08.8	-0.3
MOX	Moxa	77.36	336	eP	P	15 17 09.2	0.0
MOX	Moxa	77.36	336	eP	P	15 17 09.2	0.0
MOX	Moxa	77.36	336	eP	P	15 17 09.2	0.0
MOX	Moxa	77.36	336	eP	P	15 17 09.2	0.0
MOX	Moxa	77.36	336	eP	P	15 17 09.2	0.0
MOX	Moxa	77.36	336	eP	P	15 17 09.2	0.0
626A	Big Bend Ranch	77.39	60	↑P	P	15 17 09.9	+0.1
428A	Kincaid Ranch,	77.40	59	↑P	P	15 17 09.7	-0.1
GUNZ	Gunzen	77.41	335	eP	P	15 17 09.7	+0.2
SMOL	Smolence	77.46	331	eP	P	15 17 11.0	+1.2
WERH	Wernitzgruen	77.46	335	eP	P	15 17 09.9	+0.1
528A	Cox Ranch, San	77.75	59	↑P	P	15 17 11.9	+0.1
TXAR	Lajitas Array	77.83	60	↑P	P	15 17 11.9	-0.4
TXAR	Lajitas Array	77.83	60	↑P	P	15 17 11.9	-0.4
TXAR	Lajitas Array</						

30d 18h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Cape Kidnapper, Kahuranaki, Pukenui, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ASAR, PKI, GUN, KKN, etc.

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

MAN 30 17:49:28, 8°22'N 126°74'E, h1 km, mb4.5, ML3.4, MS3.3, Mindanao

NEIC 30 17:51:52.6, 34°58'S 72°15'W, h30 km, ML3.3(GUC), After GUC

GUC 30 17:51:52.6, 0.8, 34°58'S 72°15'W, h30 km, 3 km, MD3.8, ML3.3, 1C-4D, Near coast of central Chile

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Los Niches, Longovillo, Talca, Las Cruces, etc.

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like STKA, GUMU, STKA, etc.

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CASY, BVAR, BVAR, etc.

ISCJB 30 18:01:06.2, 0.2, 4°29'S 103°29'E, 0.06, h94 km, mb4.775, Error ellipse: s-maj=9.2km s-min=4.8km bz=144.9

DJA 30 18:01:06.4, 77'S, 102°10'E, h90 km, mb5.1/28

DC 30 18:01:07.0, 9.5, 4°25'S, 103°21'E, h97 km, 3 km, mb4.4/27, mb1.4, 5/29, mb1mx4.5/30, mbtmp4.2/29, MS3.4/6, Mb1.3.4/6, ms1mx3.0/27, Error ellipse: s-maj=14.0km s-min=8.4km az=56.0

MOS 30 18:01:07.1, 1.1, 4°19'S, 103°32'E, h98 km, mb4.9/27, Error ellipse: s-maj=12.9km s-min=6.3km az=114.8

NEIC 30 18:01:09.3, 1.0, 4°24'S, 103°28'E, h109 km, 3 km, mb4.8/27, Error ellipse: s-maj=10.2km s-min=4.9km az=99.0

ISC 30 18:01:08.1, 0.2, 4°31'S, 103°25'E, 0.06, h96.0, h96 km, 1.6 km, P-P, n187, 0°95/163, mb4.775, 16C-9D, Southern Sumatra

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Kota Tinggi, Kluang, Christmas Isla, etc.

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MAJO, MAJO, MAJO, etc.

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ARU, ARU, ARU, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KOLS Kolonicke sedl, FINES FINESS Array B, KAF Kangasniemi, etc.

ISJCJB 30 18:07:21.8.0.4, 433.78N.0.104.25W.0.0.5, h0km, mb4.0/3, Error ellipse: s-maj=5.6km s-min=5.0km az=144.0

IDC 30 18:07:22.0.1.8, 43.65N.105.41W, h0km, mb3.9/3, mb1 3.8/8, mb1mx3.6/27, mbtmp3.7/8, ML3.4/5, Error ellipse: s-maj=52.3km s-min=8.6km az=150.0

NEIC 30 18:07:23.0.3, 43.76N.105.20W, h0km, ML3.3, Error ellipse: s-maj=9.9km s-min=4.3km az=164.0, Suspected Mining explosion.

NEIC 65 km (40 miles) SSE of Gillette, WY. ISC 30 18:07:23.0.4, 43.76N.104.105.19W.0.04, h0km, n54, s105/54, mb4.0/3, Wyoming

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RSSD Black Hills, PHWY Pilot Hill, RWWY Rawlins, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SRU San Rafael, ECSD EROS Data Cent, TMUT Trail Mountain, etc.

IDC 30 18:19:50.8.1.7, 2.98S.147.32E, h0km, mb4.0/5, mb1 4.3/5, mb1mx3.7/16, mbtmp4.0/5, MS3.6/10, Ms1 3.7/10, ms1mx3.5/17, Error ellipse: s-maj=109.5km s-min=21.7km az=119.0

ISJCJB 30 18:19:54.5.1.2, 2.85S.0.2.147.0E.0.4, h33km, mb4.0/6, MS3.7/9, Error ellipse: s-maj=59.1km s-min=14.9km az=32.7

NEIC 30 18:19:56.2.1.0, 2.84S.147.05E, h35km, mb4.5/1, Error ellipse: s-maj=55.7km s-min=13.3km az=123.0

ISC 30 18:19:56.5.1.2, 2.95S.0.2.147.1E.0.4, h35km, n17, s060/7, mb4.0/6, MS3.7/9, Admiralty Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUMO Guam, KAKA Kakadu, WRAB Waramanga Arr, etc.

DHMR 30 18:27:27.2.1.6, 1.174N.42.86E, h11km, 24km, ML3.5, Ethiopia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TRBA At Turbah, ZUQR Zugar Island, LBOB LBOB, etc.

IDC 30 18:36:24.2.1.0, 35.12N.81.38E, h0km, mb3.6/9, mb1 3.8/14, mb1mx3.6/29, mbtmp3.7/14, ML3.5/5, MS3.3/4, Ms1 3.3/4, ms1mx2.8/30, Error ellipse: s-maj=29.6km s-min=17.3km az=52.0

ISJCJB 30 18:36:25.0.3, 35.36N.0.04.81.58E.0.07, h10km, mb3.7/11, MS3.6/2, Error ellipse: s-maj=9.2km s-min=4.1km az=149.4

BUI 30 18:36:25.0.35.22N.81.144E, h8km, mb4.4/2, mb4.3/6, ML4.0/6, Ms3.8/1, Ms7.3/8/1

NEIC 30 18:36:26.3.1.0, 35.21N.81.51E, h10km, mb3.9/3, Error ellipse: s-maj=17.8km s-min=11.3km az=220.0

MOS 30 18:36:28.2.1.1, 35.35N.81.59E, h33km, mb4.0/2, Error ellipse: s-maj=23.5km s-min=7.7km az=104.2

ISC 30 18:36:27.8.0.3, 35.35N.0.04.81.51E.0.09, h10km, n46, s194/46, mb3.5/11, MS3.6/2, Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSH Kashi, DANN Dangsing, KOLN Koldand, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AAK comp=Z.0.0nm,0.3s, baz=123, slow=9.0, SNR=5.9, AAK comp=Z.0.0nm,0.3s, baz=126, slow=11, SNR=5.7, etc.

IDC 30 18:38:28.8.4.8, 3.73S.145.88E, h0km, mb3.6/4, mb1 3.8/5, mb1mx3.6/16, mbtmp3.6/5, ML3.3/1, Error ellipse: s-maj=156.2km s-min=27.6km az=102.0, Near north coast of New Guinea

ISC 30 19:18:48.3.0.5, 48.32N.103.65E.0.03, h10km, Error ellipse: s-maj=3.9km s-min=2.6km az=13.7

CSEM 30 19:18:49.0.2.48, 34N.6.61E, h10km, ML2.1/12, Error ellipse: s-maj=4.1km s-min=2.6km az=90.0

STR 30 19:18:49.4.0.4, 48.34N.6.66E, h10km, M12.0, Error ellipse: s-maj=0.0km s-min=0.0km az=90.0

LDG 30 19:18:49.7.0.1, 48.34N.6.65E, h11km, M2.5/4, M12.2/9, Error ellipse: s-maj=1.3km s-min=1.0km az=175.0

ISC 30 19:18:49.1.0.5, 48.34N.0.03.65E.0.03, h18km, 4km, n40, s05/57, France

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Waramanga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, etc.

ISC 30 19:18:49.1.0.5, 48.34N.0.03.65E.0.03, h18km, 4km, n40, s05/57, France

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ECH Echery, ECH Echery, HAU Haudompre, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KURK Kurchatov, WRAB Tennant Creek, WRA Warramunga Arr, WB2 Warramunga Arr, AML Almayashu, ASAR Alice Springs, CTX Charters Tower, BVAR Borovoye Arr, TIXI Tiksi, STKA Stephens Creek, KDKAK Kodiak Island, MALT Malaya, FINES FINESS Array B, AKASO Katin Array B, INK Inuvik, HRR Harsova, BURAR Bucovina Array, VOIR Walwarja Pacla, KOLS Kolonichie sedi, NB2 NORARS Subarra, NOA NORARS Arr B, OJC Okov, PZC Rata Peaks, RES Resolute Bay, VYHS Vyhne, DLBC Dease Lake, DPC Dobruska-Polom, CLL Collin, KMBO Kilima Mbogo, GERES GERESS Array B, GRF Grafenberg Arr, YKA Yellowknife Ar, SDV Santo Domingo, TAP 30 19:24:09.7, 21.72N, 120.24E, h52km, 2km, ML3.6, C, Taiwan region.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HEN Hengchun, TWK1 Hengchun, TWP Hsiaoliuchiu, TSEB Hengchuen, TSEB Hengchuen, SCZT Fangliu, KAU Kaohsiung, EAST Anshuo, EAST Echery, TAW Tawu, TAW Tawu, SSD Sandimen, SSD Sandimen, ECL Taimali.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TWG Pinlang, ELDOTW Lidau, CHKT Chengkung, TWFI Yuli, NEIC 30 19:30:40.6, 48.94N, 129.15W, h10km, mb3.8/1, PGC 30 19:30:40.6, 48.94N, 129.15W, h10km, ML3.0/8, Code Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BPBC Brooks Peninsula, PHC Port Hardy, GDR Gold River, MGB Mount Grey, PFB Port Renfrew, FFC Flin Flon, ISCJB 30 19:32:49.8, 4.0, 0.96N, 127.73E, h0km, mb4.2/8, IDC 30 19:32:49.4, 0.9, 0.96N, 127.73E, h0km, mb4.2/8, NEIC 30 19:32:53.2, 7.8, 0.95N, 127.76E, h27km, 5.7km, mb4.5/4, KAPI Kappang, KAKA Kaka, PALP Palanan, FITZ Fitzroy Crossi, WRAB Warramunga Arr, WRA Warramunga Arr, WB2 Warramunga Arr, ASAR Alice Springs, KSRS Korea Arr, MJAR Matsushiro Arr, LSA Lhasa, SONM Songino Array, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, TKM2 Tokmak 2, KBL Kabil, KURK Kurchatov, BVAR Borovoye Arr, ABKAR Abkulaq array, ARCES Arces Array B, IDC 30 19:34:24.1, 5.1, 10.17N, 41.77W, h0km, mb4.0/5, Code Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DBIC Dibokro, CPUP Villa Flora, TORD Torodi Arr, ESDC Sonsea Array, TKL Tuckaleechee C, SCHO Schefferville, KEST Kesra, ULM lac du Bonnet, YKA Yellowknife Ar, ISCJB 30 19:43:31.2, 0.4, 48.32N, 0.03, 6.60E, h14km, 4km, Error ellipse: s-maj=4.4km s-min=3.2km az=9.1, CSEM 30 19:43:31.9, 0.1, 48.34N, 6.62E, h10km, ML2.2/12, Error ellipse: s-maj=2.8km s-min=1.9km az=1.0, LDG 30 19:43:32.5, 0.1, 48.34N, 6.66E, h10km, Md2.5/4, M2.3/9, Error ellipse: s-maj=1.3km s-min=1.0km az=158.0, STR 30 19:43:32.3, 0.2, 48.33N, 6.66E, h10km, M2.0, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0, Code Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ECH Echery, ECH Echery, HAU Haudompre, HAU Haudompre, CDF Champ du Feu, CDF Champ du Feu.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CDF Yellowknife Ar, THEF They Montfort, THEF They Montfort, THEF They Montfort, HINF Hinterfeld, HINF Hinterfeld, HINF Hinterfeld, MOF Molkenrain, MOF Molkenrain, MOF Molkenrain, RFVY Refroy, RFVY Refroy, RFVY Refroy, LOMF Lomont, LOMF Lomont, LOMF Lomont, LANF Langenberg, LANF Langenberg, LANF Langenberg, MEZF Maizeries J'vi, MEZF Maizeries J'vi, MEZF Maizeries J'vi, SFTF Sefxfontaines, SFTF Sefxfontaines, SFTF Sefxfontaines, CABF La Chapelle, CABF La Chapelle, CABF La Chapelle, GIVF Givet, GIVF Givet, GIVF Givet, LOR Lormes, LOR Lormes, LOR Lormes, SSF Saint Saulge, SSF Saint Saulge, SSF Saint Saulge, SMF Signal de Mont, SMF Signal de Mont, SMF Signal de Mont, AVF Avril sur Loir, AVF Avril sur Loir, AVF Avril sur Loir, IDC 30 19:46:39.8, 0.9, 46.66N, 155.59E, h0km, mb3.6/9, mb1.3/8/11, mb1mx3.6/26, mbtmp3.6/11, ML3.3/2, Error ellipse: s-maj=25.8km s-min=21.6km az=114.0, ISCJB 30 19:46:47.1, 1.9, 46.55N, 0.1, 155.3E, 0.2, h68km, 18km, mb3.5/11, Error ellipse: s-maj=24.8km s-min=16.1km az=42.5, MOS 30 19:46:47.0, 1.4, 46.54N, 155.33E, h68km, mb4.0/5, Error ellipse: s-maj=24.5km s-min=15.5km az=95.2, IDC 30 19:46:49.1, 1.9, 46.55N, 0.1, 155.3E, 0.2, h68km, 16km, n22, r1922/21, mb3.5/11, East of Kuril Islands, Code Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SKR Severo-Kuril's, PETK Petropavlovsk, ASAJ Asahikawa, ASAJ Asahikawa, BILL Bilbino, TIXI Tiksi, SONM Songino Array, SONM Songino Array, ZALV Zalesovo Beam, Alice Springs, NVO Novosibirsk, KURK Kurchatov, KURK Kurchatov, YKA Yellowknife Ar, BVAR Borovoye Arr, BVAR Borovoye Arr, BVAR Borovoye Arr, FINES FINESS Array B, FINES FINESS Array B, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, GERES GERESS Array B, GERES GERESS Array B, ISCJB 30 19:55:09.5, 0.3, 4.74N, 0.04, 124.52E, 0.05, h377km, 3km, mb4.0/31, Error ellipse: s-maj=7.8km s-min=6.1km az=160.4, MAN 30 19:55:09.4, 5.9N, 124.38E, h351km, mb5.0, ML4.0, MS4.1, NEIC 30 19:55:09.9, 0.6, 4.80N, 124.57E, h367km, 7km, mb4.1/14, Error ellipse: s-maj=10.1km s-min=5.7km az=68.0, IDC 30 19:55:10.5, 0.7, 4.74N, 124.51E, h370km, 7km, mb3.7/16, mb1.3/8/11, mb1mx3.7/26, mbtmp3.7/16, Error ellipse: s-maj=16.6km s-min=7.4km az=74.0, DJA 30 19:55:11.4, 72.51N, 124.55E, h370km, mb4.5/30, ISC 30 19:55:10.5, 0.3, 4.74N, 0.04, 124.52E, 0.05, h369km, 3km, n93, 0.95/85, mb4.0/30, 1C-2D, Celeses Sea, Code Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GSPH General Santos, GSPH General Santos, KCP Kadapanan, KCP Kadapanan, DMPH Davap City, DMPH Davap City, DMPH Davap City.

30d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DAV Davo City, MATTI Matti, MUKP Mususan, etc.

2008 APR

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

1448

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

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Kunigami, Chichi jima, Enshi, LZH Lanzhou, etc.

ADC 30 21:01:49.0, 1.9, 3.01S:147.43E, h0km, mb3.9/5, mb1.4/2.5, mb1mx3.7/16, mbmp3.9/5, MS3.5/10, Ms1.3/5.10, ms1mx3.3/21, Error ellipse: s-maj=77.5km s-min=29.5km az=115.0

ISCJB 30 21:01:52.4, 1.1, 3.0S, 0.1x147.3E, 0.1x3.3km, mb3.9/8, MS3.5/9, Error ellipse: s-maj=37.1km s-min=12.8km az=11.9

NEIC 30 21:01:54.2, 0.8, 2.9S:147.36E, h35km, mb4.1/2, Error ellipse: s-maj=25.6km s-min=8.7km az=102.0

ISC 30 21:01:54.2, 1.1, 3.0S, 0.1x147.4E, 0.3, h35km, n22, o635/14, mb3.9/8, MS3.5/9, Admiralty Islands region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Guam, WRRB Tennant Creek, WBA Warramunga Arr, etc.

ISCJB 30 21:11:08.5, 0.7, 3.0, 0.0S:0.05:141.53E, 0.06, h10km, Error ellipse: s-maj=8.6km s-min=6.4km az=38.9

ISC 30 21:11:10.9, 3.0, 30.24S:141.38E, h0km, mb1.3/6/3,

mb1mx3.4/13, mbmp3.3/3, ML3.3/3, Error ellipse: s-maj=59.9km s-min=14.3km az=71.0

NEIC 30 21:11:10.0, 3.0, 30.22S:141.62E, h0km, ML3.6(AUST), After AUST.

AUST 30 21:11:10.2, 30.22S:141.62E, h0km, ML3.6

ISC 30 21:11:11.3, 0.6, 30.17S:0.05:141.55E, 0.06, h10km, n9, o125/15, 2C, New South Wales

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Stephens Creek, Stephens Creek, CMSA Cobar Meteorol, etc.

NEIC 30 21:11:42.1, 1.1, 25.85S:177.33W, h144km, 10km, mb4.6/8, Error ellipse: s-maj=12.0km s-min=9.6km az=121.0

ISCJB 30 21:11:43.1, 1.3, 25.91S:0.08:177.50W, 0.09, h163km, 11km, mb4.4/16, Error ellipse: s-maj=14.1km s-min=12.7km az=146.5

ADC 30 21:11:45.1, 2.0, 25.97S:177.47W, h165km, 17km, mb4.1/10, mb1.4/3.1, mb1mx4.1/16, mbmp4.1/11, Error ellipse: s-maj=20.6km s-min=15.4km az=1.0

ISC 30 21:11:44.2, 1.2, 25.91S:0.08:177.48W, 0.09, h159km, 10km, n79, o86/44, mb4.4/16, 1C-3D, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Raoul Island, Raoul Island, Raou Island, etc.

EIDS Eidsvold 28.31 264 ePn P 21 17 22.6 -0.4

CTA Charters Tower 33.80 272 eP P 21 18 13.0 +1.7

CTA Charters Tower 33.80 272 P P 21 18 13.0 +1.7

CTAO Charters Tower 33.80 272 eP P 21 18 13.6 +2.3

STKA Stephens Creek 36.16 251 eP P 21 18 32.6 +1.3

STKA Stephens Creek 36.16 251 P P 21 18 31.7 +0.4

STKA Stephens Creek 36.16 251 eP P 21 18 31.7 +0.4

ASAR Alice Springs 43.99 262 P P 21 19 35.9 -0.1

ASAR 7.8nm, 0.8s, mb4.4, baz=106, slow=7.9, SNR=39

WRAB Tennant Creek 44.57 267 eP P 21 19 40.0 -0.5

WRA Warramunga Arr 44.57 267 P P 21 19 39.6 -1.0

WRA 8.5nm, 0.4s, mb4.8, baz=102, slow=7.7, SNR=69

WRA 0.9nm, 0.8s, baz=112, slow=3.8, SNR=5.0

FORT Forrest 47.79 251 eP S 21 20 04.3 -1.3

KAKA Kakadu 48.77 276 eP P 21 20 11.5 -1.8

SBA Scott Base 52.53 184 eP P 21 20 40.2 -0.3

FITZ Fitzroy Crossi 52.97 266 eP P 21 20 44.1 -0.5

FITZ Fitzroy Crossi 52.97 266 P P 21 20 44.6 0.0

FITZ Fitzroy Crossi 52.97 266 eP P 21 20 44.6 0.0

CASY Casey 59.33 207 eP P 21 21 28.3 -0.6

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Malatya, Malatya, AKASG Malin Array Be, etc.

TAP 30 21:12:26.9, 21.82N, 120.39E, h54km, ML3.6, 2C-3D, C, Taiwan region

HEN Hengchun 0.37 60 iP Pn 21 12 37.3 +0.3

TWK1 Hengchun 0.40 72 iP Pn 21 12 37.7 +0.4

TSEB Hengchun, Pin 0.48 80 iP Pn 21 12 38.3 +0.1

TWP Hsiataoluchiu 0.53 357 P Pn 21 12 39.8 +1.1

SCZT Fangliang 0.59 21 iP Pn 21 12 40.0 +1.8

EAST Anshou 0.70 37 iP Pn 21 12 41.9 +1.0

TAW Tawu 0.71 41 P Pn 21 12 41.8 +0.8

KAU Kaoshiung 0.75 354 eP Pn 21 12 42.9 +1.4

SGLT Jiouru 0.91 6 eP Pn 21 12 44.6 +1.2

ECL Tainai 0.93 34 iP Pn 21 12 44.9 +1.0

SSD Sandimen 0.95 13 iP Pn 21 12 44.9 +0.9

TSM Shoushan 1.00 2 eP Pn 21 12 46.3 +1.6

TWM1 1.23 353 eS Sn 21 13 01.5 +3.6

LAY 1.10 78 eP Pn 21 12 46.3 +0.3

TTN Taitung 1.16 37 eP Pn 21 12 48.0 +1.1

TWG Pinlang 1.18 32 P Pn 21 12 48.6 +1.5

TAI1 Yung-k'ang 1.23 353 eS Sn 21 12 48.0 +0.3

CHN3 Shinhua 1.25 359 eP Pn 21 12 49.4 +1.4

CHN3 1.27 8 eP Pn 21 12 49.7 +1.4

SGST Jianshan 1.27 8 eP Pn 21 12 49.7 +1.4

SCLT Jiali 1.36 352 eP Pn 21 12 51.1 +1.5

SCLT 1.36 353 eS Sn 21 13 08.4 +1.9

CHN1 Nanshi 1.36 5 P Pn 21 12 50.5 +0.9

CHN1 1.44 8 eP Pn 21 13 08.4 +1.8

TWP 1.44 3 eP Pn 21 12 52.1 +1.5

TWK 1.44 3 eP Pn 21 12 52.1 +1.5

TWK 1.48 23 eP Pn 21 13 09.7 +1.1

ELDTW Lidau 1.48 23 eP Pn 21 12 52.5 +1.3

CHKT Chengkung 1.56 35 eP Pn 21 12 53.6 +1.4

WDGT 1.59 335 eP Pn 21 12 52.4 -0.3

CHY Chiayi 1.67 1 eP Pn 21 12 54.2 +0.4

CHY 1.71 2 eP Pn 21 13 15.2 +1.1

CHN2 Minshiang 1.71 2 eP Pn 21 12 55.5 +1.3

ALS Alishan 1.73 13 eP Pn 21 12 56.1 +1.6

ALS 1.74 29 eP Pn 21 12 56.3 +1.6

TWF1 Yuli 1.74 29 eP Pn 21 12 56.3 +1.6

YUS 1.75 17 eP Pn 21 13 17.2 +1.5

CHNS 1.79 8 eP Pn 21 12 56.4 +1.0

CHNS 1.82 355 eS Sn 21 13 18.2 +1.2

WSF 1.82 355 eS Sn 21 12 56.4 +0.7

WGK 1.86 5 eP Pn 21 12 57.9 +1.5

EHY 1.89 27 eP Pn 21 12 57.9 +1.2

EHY 21 31 00.2 -1.0

30d 22h

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like PNG Penghu, WTCT Ta-cheng, SMLT Sun Moon Lake, TYC Yuchr, etc.

ISC/JB 30 21:53:15.2,0.6,21.62S;0.04,-68.20W;0.09,h117km,gkm, mb4.0/3, Error ellipse: s-maj=14.0km s-min=7.3km az=3.1

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like LVC Limon Verde, PB01 Plate Boundary, PB04 Plate Boundary, etc.

NEIC 30 22:04:49.7,16.16N;98.26W,h5km,MD4.0(MEX), After MEX.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like PNIG Pinotepa, UTM0 Huajuaplan, VHO Vista Hermosa, etc.

2008 APR

Table with columns: PPM, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like Popocatepetl, MZVM, PBVM Pinon, etc.

IDC 30 22:14:41.0,3.5,13.17S;169.18E,h0km,mb3.9/4, mb1.4/0.4, mb1mx3.7/1.6, mbtmp3.8/4, MS3.4/4, Ms1.3.4/4, mb1mx3.0/2.1, Error ellipse: s-maj=15.6.7km s-min=35.2km az=142.0, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, CTA Charters Tower, URZA Urewera, etc.

ISC/JB 30 22:30:37.9,0.3,38.30N;0.02,-1.89W;0.02,h0km,gkm, Error ellipse: s-maj=3.0km s-min=1.9km az=147.2

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like ETOB Tobarra, EMUR La Murta, EMUR La Murta, etc.

NEIC 30 22:04:49.7,16.16N;98.26W,h5km,MD4.0(MEX), After MEX.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like EBAN Banos Encina, EBAN Banos Encina, EBAN Banos Encina, etc.

1450

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like EBAN Banos Encina, EQUQ Quantar, EQUQ Quantar, etc.

KEK	Kerkira	2.12	309	ePn	Pn	23 28 31.2	+1.7
KYTH	Kithira	2.28	157	ePN	Pn	23 28 33.5	+1.7
KYTH	Kithira	2.28	157	ePn	Pn	23 28 33.5	+1.7
PLG	Polygyros	2.31	30	ePB	Pn	23 28 32.6	+0.5
PLG	Polygyros	2.31	30	P	Pn	23 28 31.1	-1.0
PLG	Polygyros	2.31	30	P	Pn	23 28 31.1	-1.0
PLG	Polygyros	2.31	30	ePb	Pn	23 28 32.6	+0.5
HORT	Hortiatias	2.39	22	P	Pn	23 28 32.2	-1.0
HORT	Hortiatias	2.39	22	P	Pn	23 28 32.2	-1.0
FNA	Florina	2.43	350	P	Pn	23 28 35.2	+1.4
FNA	Florina	2.43	350	P	Pn	23 28 35.2	+1.4
BIA	Bitola	2.67	350	ePn	Pn	23 28 38.3	+1.2
BIA	Bitola	2.67	350	eSg	Sn	23 29 12.1	+2.4
BIA	Bitola	2.67	350	P	Pn	23 28 38.0	+0.9
BIA	Bitola	2.67	350	P	Pn	23 28 38.0	+0.9
SOH	Sokhos	2.67	24	P	Pn	23 28 37.1	0.0
SOH	Sokhos	2.67	24	P	Pn	23 28 37.1	0.0
OHR	Ohrid	2.85	343	ePn	Pg	23 28 45.7	-2.6
OHR	Ohrid	2.85	343	eSg	Sg	23 29 25.7	+0.5
SRS	Serrai	3.02	25	P	Pn	23 28 41.6	-0.2
SRS	Serrai	3.02	25	P	Pn	23 28 41.6	-0.2
KRUS	Krusevo	3.02	350	ePn	Pn	23 28 43.7	+1.7
KRUS	Krusevo	3.02	350	eSg	Sn	23 29 19.7	+1.3
KRUS	Krusevo	3.02	350	ePn	Pn	23 28 43.6	+1.7
APE	Apeiranthos	3.15	114	ePN	Pn	23 28 45.0	+1.3
APE	Apeiranthos	3.15	114	ePn	Pn	23 28 45.0	+1.3
KARN	Karanos	3.38	151	ePN	Pn	23 28 48.0	+1.1
KARN	Karanos	3.38	151	ePn	Pn	23 28 48.0	+1.1
VAM	Vamos	3.49	148	ePN	Pn	23 28 49.1	+1.3
VAM	Vamos	3.49	148	ePn	Pn	23 28 49.7	+1.3
BRTR	Keskin Array B	9.22	78	P	Pn	23 30 09.8	+2.8
FINES	FINES Array B	23.23	5	P	P	23 32 59.4	-1.8
FINES	FINES Array B	23.23	5	P	P	23 32 59.4	-1.8
NOA	NORSAR Array B	23.65	347	P	P	23 33 04.0	-1.4
NOA	NORSAR Array B	23.65	347	P	P	23 33 04.0	-1.4
NOA	NORSAR Array B	23.65	347	P	P	23 33 04.0	-1.4
TORD	Torodi Ar. Bea	30.90	221	P	P	23 34 10.3	-0.7
TORD	Torodi Ar. Bea	30.90	221	P	P	23 34 10.3	-0.7
MKAR	Makanchi Array	44.25	59	P	P	23 36 03.2	-0.4
ZALV	Zalesovo Beam	44.73	48	P	P	23 36 04.8	-2.5
ZALV	Zalesovo Beam	44.73	48	P	P	23 36 04.8	-2.5

IDC 30 23:40:58.0,5.0,3.07S,148.24E,h0km,mb3.4/2,
mb1.3,8/2,mb1mx3.3/1E,mb1mp3.5/2, Error ellipse:
s-maj=186.6km s-min=84.7km az=105.0,Bismarck Sea

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
				Op	h m s	ISC
WRA	Warramunga Arr	21.57	218	P	23 45 48.6	-0.7
ASAR	Alice Springs	24.73	213	P	23 46 21.9	+0.8
TORD	Torodi Ar. Bea	145.45	289	PKPbc	00 00 38.1	-1.0

FUNV 30 23:45:40.9,6.91N,73.10W,h156km,MW3.5,3C-1D,
Northern Colombia

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
				Op	h m s	ISC
CAPV	Capacho	1.23	40	P	23 46 08.4	+0.2
CAPV	Capacho	1.23	40	eS	23 46 27.3	-1.9
VIGV	El Vigia	2.58	42	P	23 46 22.0	+0.4
VIGV	El Vigia	2.58	42	eS	23 46 52.6	-3.4
SOCV	Socops	2.61	58	eP	23 46 23.1	-0.6
SOCV	Socops	2.61	58	eS	23 46 54.2	-2.5
ELOV	Elorza	3.60	88	eP	23 46 34.7	-1.4
VIRV	Villa del Rosa	3.63	11	eP	23 46 35.1	-1.5
VIRV	Villa del Rosa	3.63	11	eS	23 47 15.1	-4.8
QARV	Quebrada Arrib	4.15	38	eS	23 47 26.8	-5.1
SANV	Sanarito	4.37	54	eP	23 46 44.1	-2.0
SANV	Sanarito	4.37	54	eS	23 47 32.5	-4.5
CURV	Curarigua	4.38	45	eP	23 46 45.3	-0.9
DABV	Dabajuro	4.67	31	eP	23 46 49.1	-1.0
TEPV	Terepaima	4.92	52	eP	23 46 51.3	-2.2
SIQV	Siquisique	4.94	41	eP	23 46 51.8	-1.8
BAUV	El Baul	5.41	68	eP	23 46 56.9	-2.9
MONV	Montecano	5.89	31	eP	23 47 04.4	-1.7
TURV	Turiamo	6.28	56	eP	23 47 10.2	-1.2
CAOV	Caicara del Or	6.74	86	eP	23 47 14.8	-2.8
CUPV	Ccepira	7.88	66	eP	23 47 30.4	-2.3

FUNV 30 23:48:56.1,6.98N,73.08W,h177km,MW3.6,5C-1D,
Northern Colombia

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
				Op	h m s	ISC
CAPV	Capacho	1.17	41	P	23 49 24.1	-0.7
CAPV	Capacho	1.17	41	eS	23 49 45.0	-1.9
VIGV	El Vigia	2.51	42	P	23 49 38.5	-0.3
VIGV	El Vigia	2.51	42	eS	23 50 09.2	-2.7
SOCV	Socops	2.56	59	eP	23 49 38.8	-0.6
SOCV	Socops	2.56	59	eS	23 50 09.6	-3.2
VIRV	Villa del Rosa	3.57	11	P	23 49 50.6	-1.1
VIRV	Villa del Rosa	3.57	11	eS	23 50 30.1	-5.0
ELOV	Elorza	3.57	89	eP	23 49 50.2	-1.5
QARV	Quebrada Arrib	4.09	38	eS	23 50 41.2	-5.6
SANV	Sanarito	4.31	54	eP	23 50 00.2	-0.9
SANV	Sanarito	4.31	54	eS	23 50 47.5	-4.5
CURV	Curarigua	4.32	45	eP	23 50 00.6	-0.6
CURV	Curarigua	4.32	45	eS	23 50 46.8	-5.2
TEPV	Terepaima	4.86	52	eP	23 50 07.5	-0.7
SIQV	Siquisique	4.88	41	eP	23 50 06.6	-1.8
SIQV	Siquisique	4.88	41	eS	23 50 59.4	-5.7
BAUV	El Baul	5.36	68	eP	23 50 12.4	-2.3
CAOV	Caicara del Or	6.71	87	eP	23 50 29.7	-2.8

ISC Computed Locations for April 2008

